A Comparative Study of Modern Inference Techniques for Structured Discrete Energy Minimization Problems : Supplementary Material 2

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1 Evaluation per Instance

Table 1: brain-3mm

brain-3mm		α-Exp-pct	α-Exp-VIEW	FastPD	FastPD-pct	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	αβ-Swap-VIEW	BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-TL	TRWS-pct	MCI-pct	ogm-CombiLP
brain-0	value	30411507.00	30411444.00	30411921.00	30411683.00	30411921.00	30410746.00	30758567.00	30758985.00	30510720.00	30409134.00	30409070.00	30411991.00	30413911.00	30426547.00	30414154.00	30414461.00	30414141.00	30414203.00	30425902.00	30409178.00	30414783.00	30411111.00	30416561.00	30414275.00	30925523.00	30410729.00	30520678.00	30409315.00	30409353.00	**30409020.00**	30409152.00
	bound	-Inf	-Inf	27358199.00	-Inf	27358199.00	27358199.00	-Inf	-Inf	-Inf	30409020.00	30409020.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	30409019.67	30408491.87	30408919.21	30408665.17	30408132.86	30126678.22	30409008.87	30370693.92	30409020.00	30409020.00	**30409020.00**	30409020.00
	runtime	11.72	132.47	2.18	7.56	11.69	79.13	19.92	11.43	86.99	313.43	389.62	192.30	625.72	3601.56	2824.86	3605.58	3605.89	3606.68	3605.99	3626.04	3611.32	3603.41	3601.69	3600.44	3606.47	3603.71	3607.33	318.10	37.17	36.04	5094.84
	memory (GB)	2.55 GB	3.04 GB	5.15 GB	2.55 GB	7.04 GB	7.85 GB	2.19 GB	2.86 GB	3.68 GB	3.76 GB	4.56 GB	3.04 GB	1.80 GB	12.17 GB	12.17 GB	12.17 GB	12.60 GB	12.60 GB	12.60 GB	5.57 GB	9.59 GB	9.59 GB	6.15 GB	9.60 GB	6.15 GB	9.58 GB	6.15 GB	1.79 GB	2.55 GB	2.77 GB	6.83 GB
brain-1	value	30411575.00	30411149.00	30411838.00	30411716.00	30411838.00	30410882.00	30762316.00	30762652.00	30511008.00	30409594.00	30409521.00	30412522.00	30414584.00	30430549.00	30415803.00	30415946.00	30415646.00	30415791.00	30431054.00	30409653.00	30414379.00	30411444.00	30417907.00	30415833.00	30915006.00	30410636.00	30526006.00	30409719.00	30409582.00	**30409469.00**	30409543.00
	bound	-Inf	-Inf	27357673.00	-Inf	27357673.00	27357673.00	-Inf	-Inf	-Inf	30409469.00	30409469.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	30409468.83	30408949.55	30409342.34	30409085.54	30408529.09	30132727.96	30409454.71	30369501.70	30409469.00	30409469.00	30409469.00	**30409469.00**
	runtime	10.44	169.40	2.18	8.81	11.64	79.64	19.36	11.21	89.38	156.73	237.05	185.72	657.17	3605.10	3004.83	3602.81	3600.39	3602.74	3606.14	3623.79	3611.02	3602.00	3600.86	3609.33	3608.71	3605.20	3605.17	178.89	28.64	34.48	4963.84
	memory (GB)	2.55 GB	3.04 GB	5.16 GB	2.55 GB	7.04 GB	7.85 GB	2.18 GB	2.86 GB	3.68 GB	3.75 GB	4.56 GB	3.04 GB	1.80 GB	12.18 GB	12.18 GB	12.17 GB	12.60 GB	12.60 GB	12.60 GB	5.57 GB	9.59 GB	9.59 GB	6.16 GB	9.58 GB	6.17 GB	9.58 GB	6.16 GB	1.79 GB	2.55 GB	2.75 GB	6.84 GB
brain-2	value	30407169.00	30407235.00	30407834.00	30407427.00	30407834.00	30406626.00	30753875.00	30754259.00	30505105.00	30405113.00	30405069.00	30407692.00	30409338.00	30425567.00	30411060.00	30410822.00	30411001.00	30410871.00	30425159.00	30405222.00	30410374.00	30407810.00	30417489.00	30411987.00	30880837.00	30407219.00	30504227.00	30405288.00	30405179.00	**30405003.00**	30405146.00
	bound	-Inf	-Inf	27352852.00	-Inf	27352852.00	27352852.00	-Inf	-Inf	-Inf	30405003.00	30405003.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	30405002.22	30404553.59	30404870.41	30404464.63	30404305.81	30143624.86	30404992.01	30374740.34	30405003.00	30405003.00	**30405003.00**	30405002.99
	runtime	11.18	177.17	2.33	8.97	11.68	79.43	19.39	11.56	88.33	671.37	744.99	142.07	624.69	3600.28	1672.19	3601.52	3607.40	3600.39	3603.93	3626.04	3600.31	3605.23	3603.40	3610.14	3609.40	3608.08	3606.67	632.80	89.66	33.50	5433.15
	memory (GB)	2.55 GB	3.04 GB	5.15 GB	2.55 GB	7.04 GB	7.85 GB	2.19 GB	2.87 GB	3.68 GB	3.76 GB	4.56 GB	3.04 GB	1.80 GB	12.17 GB	12.17 GB	12.17 GB	12.60 GB	12.60 GB	12.59 GB	5.57 GB	9.58 GB	9.60 GB	6.16 GB	9.59 GB	6.17 GB	9.58 GB	6.16 GB	1.80 GB	2.55 GB	2.72 GB	6.83 GB
brain-3	value	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**
	bound	9426480.00	-Inf	9426480.00	9426480.00	9426480.00	9426480.00	-Inf	-Inf	-Inf	9426480.00	9426480.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	9426480.00	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	**9426480.00**	9426480.00	9426480.00	9426480.00	9426480.00
	runtime	4.96	28.73	1.38	4.88	7.02	6.87	7.72	3.73	68.86	1.70	1.98	25.64	671.69	21.71	219.55	63.37	285.43	82.51	27.17	6.67	12.94	12.44	12.19	12.33	11.65	12.59	12.47	1.11	5.16	5.39	6.77
	memory (GB)	2.55 GB	3.04 GB	5.16 GB	2.55 GB	6.85 GB	6.85 GB	2.02 GB	2.79 GB	3.60 GB	3.50 GB	3.50 GB	3.04 GB	1.79 GB	12.18 GB	12.17 GB	12.17 GB	12.60 GB	12.60 GB	12.60 GB	5.52 GB	8.84 GB	8.84 GB	6.14 GB	8.84 GB	6.14 GB	8.86 GB	6.13 GB	1.79 GB	2.55 GB	2.55 GB	6.83 GB
mean energy		25164182.75	25164077.00	25164518.25	25164326.50	25164518.25	25163683.50	25425309.50	25425594.00	25238328.25	25162580.25	25162535.00	25164671.25	25166078.25	25176740.00	25166874.25	25166881.75	25166817.00	25166836.25	25176731.75	25162633.25	25166504.00	25164211.25	25169609.25	25167143.75	25536961.50	25163766.00	25244347.75	25162670.75	25162648.50	25162493.00	25162580.25
mean bound		-Inf	-Inf	22873801.00	-Inf	22873801.00	22873801.00	-Inf	-Inf	-Inf	25162493.00	25162493.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	25162492.68	25162118.75	25162402.99	25162173.83	25161861.94	24957377.76	25162483.90	25135353.99	25162493.00	25162493.00	25162493.00	25162493.00
mean runtime		9.57	126.94	2.02	7.56	10.51	61.27	16.60	9.48	83.39	285.81	343.41	136.43	644.82	2707.16	1930.36	2718.32	2774.78	2723.08	2710.81	2720.64	2708.90	2705.77	2704.54	2708.06	2709.06	2707.39	2707.91	282.73	40.16	27.35	3874.65
best value		25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	100.00	25.00
best bound		25.00	0.00	25.00	25.00	25.00	25.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	100.00	100.00	100.00	75.00
verified opt		25.00	0.00	25.00	25.00	25.00	25.00	0.00	0.00	0.00	25.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	100.00	25.00

Table 2: brain-5mm

brain-5mm		α-Exp-pct	α-Exp-VIEW	FastPD	FastPD-pct	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	αβ-Swap-VIEW	BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-TL	TRWS-pct	MCI-pct	ogm-CombiLP
brain-0	value	19080483.00	19080581.00	19080917.00	19080646.00	19080917.00	19080215.00	19265252.00	19265605.00	19134754.00	19079036.00	19078982.00	19081091.00	19082058.00	19091688.00	19083026.00	19082765.00	19082986.00	19082745.00	19091573.00	19079031.00	19079497.00	19079563.00	19081395.00	19080273.00	19297664.00	19079434.00	19111785.00	19079102.00	19079060.00	**19078958.00**	19079015.00
	bound	-Inf	-Inf	17039344.00	-Inf	17039344.00	17039344.00	-Inf	-Inf	-Inf	19078958.00	19078958.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	19078958.00	19078942.26	19078916.40	19078837.49	19078763.36	18958581.44	19078953.08	19072457.29	19078958.00	19078958.00	19078958.00	**19078958.00**
	runtime	6.98	82.55	1.32	4.67	6.98	46.79	11.17	6.43	51.66	85.67	125.11	97.79	486.57	3600.09	1094.78	1004.77	2258.06	3604.57	3603.03	3609.82	3606.33	3603.48	3601.81	3600.57	3602.99	3601.98	3604.99	83.33	24.39	25.91	3603.14
	memory (GB)	1.53 GB	1.82 GB	3.11 GB	1.53 GB	4.21 GB	4.59 GB	1.31 GB	1.69 GB	2.10 GB	2.24 GB	2.62 GB	1.83 GB	1.08 GB	7.28 GB	7.29 GB	7.28 GB	7.54 GB	7.54 GB	7.54 GB	3.37 GB	5.77 GB	5.75 GB	3.69 GB	5.77 GB	3.69 GB	5.77 GB	3.70 GB	1.08 GB	1.53 GB	1.94 GB	4.84 GB
brain-1	value	19093714.00	19093808.00	19094221.00	19094014.00	19094221.00	19093523.00	19274841.00	19274985.00	19143003.00	19092431.00	19092398.00	19094409.00	19095435.00	19100754.00	19095859.00	19095934.00	19095781.00	19095832.00	19102197.00	19092508.00	19094227.00	19093555.00	19097870.00	19094839.00	19300728.00	19093421.00	19135973.00	19092532.00	19092598.00	**19092383.00**	**19092383.00**
	bound	-Inf	-Inf	17056725.00	-Inf	17056725.00	17056725.00	-Inf	-Inf	-Inf	19092383.00	19092383.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	19092382.99	19092327.02	19092343.42	19092113.07	19092129.21	18975136.19	19092377.43	19082837.30	19092383.00	19092383.00	19092383.00	**19092383.00**
	runtime	7.28	114.25	1.32	4.69	7.36	50.44	11.40	6.46	51.69	202.64	252.46	85.54	415.51	3603.77	1222.22	3603.63	2322.40	3601.89	3603.19	3612.65	3606.77	3601.29	3602.73	3603.85	3602.30	3607.99	3604.89	157.72	23.26	25.79	3198.66
	memory (GB)	1.53 GB	1.82 GB	3.11 GB	1.53 GB	4.21 GB	4.59 GB	1.31 GB	1.68 GB	2.09 GB	2.24 GB	2.62 GB	1.82 GB	1.08 GB	7.28 GB	7.28 GB	7.28 GB	7.54 GB	7.54 GB	7.54 GB	3.36 GB	5.77 GB	5.77 GB	3.69 GB	5.75 GB	3.69 GB	5.75 GB	3.69 GB	1.08 GB	1.53 GB	1.92 GB	4.84 GB
brain-2	value	19060228.00	19060264.00	19060642.00	19060422.00	19060642.00	19059965.00	19246403.00	19246789.00	19110103.00	19058778.00	19058759.00	19061035.00	19061624.00	19070534.00	19061922.00	19061732.00	19061782.00	19061614.00	19069986.00	19058781.00	19059473.00	19059252.00	19060787.00	19059788.00	19264244.00	19059283.00	19090225.00	19058830.00	19058824.00	**19058753.00**	**19058753.00**
	bound	-Inf	-Inf	17037151.00	-Inf	17037151.00	17037151.00	-Inf	-Inf	-Inf	19058753.00	19058753.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	19058753.00	19058728.32	19058718.48	19058655.88	19058600.20	18945166.88	19058750.12	19053729.16	19058753.00	19058753.00	**19058753.00**	**19058753.00**
	runtime	6.44	102.94	1.32	4.64	6.98	46.48	11.28	6.55	52.15	127.24	193.55	88.51	486.62	3601.28	1119.67	825.37	3605.77	3045.41	3602.21	3616.39	3603.78	3600.16	3604.29	3602.33	3603.62	3600.91	3601.80	125.74	26.70	25.45	635.07
	memory (GB)	1.53 GB	1.82 GB	3.11 GB	1.53 GB	4.21 GB	4.59 GB	1.31 GB	1.69 GB	2.09 GB	2.24 GB	2.62 GB	1.83 GB	1.08 GB	7.28 GB	7.28 GB	7.28 GB	7.54 GB	7.54 GB	7.54 GB	3.36 GB	5.76 GB	5.77 GB	3.70 GB	5.77 GB	3.69 GB	5.76 GB	3.69 GB	1.08 GB	1.53 GB	1.95 GB	4.84 GB
brain-3	value	19121574.00	19121667.00	19122159.00	19121939.00	19122159.00	19121545.00	19304784.00	19304938.00	19174909.00	19120418.00	19120373.00	19122537.00	19123776.00	19133371.00	19124688.00	19124484.00	19124618.00	19124521.00	19133498.00	19120397.00	19120919.00	19120900.00	19122926.00	19121859.00	19338268.00	19120895.00	19164435.00	19120457.00	19120432.00	**19120356.00**	**19120356.00**
	bound	-Inf	-Inf	17075137.00	-Inf	17075137.00	17075137.00	-Inf	-Inf	-Inf	19120356.00	19120356.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	19120356.00	19120344.38	19120310.39	19120243.47	19120081.31	18999983.35	19120347.49	19109280.33	19120356.00	19120356.00	**19120356.00**	**19120356.00**
	runtime	7.39	102.89	1.32	4.66	7.44	50.34	11.34	6.52	51.75	88.12	165.75	95.53	413.03	3600.52	1028.39	863.62	3605.82	3601.03	3602.33	3601.67	3605.31	3607.58	3601.65	3601.65	3600.46	3605.21	3602.98	114.35	13.36	25.38	654.62
	memory (GB)	1.53 GB	1.82 GB	3.11 GB	1.53 GB	4.20 GB	4.59 GB	1.31 GB	1.68 GB	2.09 GB	2.24 GB	2.62 GB	1.82 GB	1.08 GB	7.29 GB	7.28 GB	7.28 GB	7.54 GB	7.54 GB	7.54 GB	3.37 GB	5.77 GB	5.75 GB	3.68 GB	5.76 GB	3.69 GB	5.76 GB	3.68 GB	1.08 GB	1.53 GB	1.99 GB	4.84 GB
mean energy		19088999.75	19089080.00	19089484.75	19089255.25	19089484.75	19088812.00	19272820.00	19273079.25	19140692.25	19087665.75	19087628.00	19089768.00	19090723.25	19098965.75	19091373.75	19091194.75	19091287.25	19091155.25	19098985.00	19087679.25	19088524.25	19088322.25	19090744.50	19089189.75	19300226.00	19088258.25	19125604.50	19087727.75	19087728.50	19087612.50	19087626.75
mean bound		-Inf	-Inf	17052089.25	-Inf	17052089.25	17052089.25	-Inf	-Inf	-Inf	19087612.50	19087612.50	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	19087612.49	19087585.50	19087572.17	19087462.48	19087393.52	18969716.96	19087607.03	19079576.02	19087612.50	19087612.50	19087612.50	19087612.50
mean runtime		7.02	100.66	1.32	4.66	7.19	48.51	11.30	6.49	51.81	125.92	184.22	91.84	450.43	3601.41	1116.27	1574.35	2948.01	3463.22	3602.69	3610.13	3605.55	3603.13	3602.62	3602.10	3602.34	3604.02	3603.66	120.29	21.93	25.63	2022.87
best value		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	75.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	100.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	75.00

Table 3: brain-9mm

brain-9mm		α-Exp-pct	α-Exp-VIEW	FastPD	FastPD-pct	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	αβ-Swap-VIEW	BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-TL	TRWS-pct	MCI-pct	ogm-CombiLP
brain-0	value	11180730.00	11180832.00	11181120.00	11180945.00	11181120.00	11180816.00	11285129.00	11285257.00	11209059.00	11179990.00	11179968.00	11180951.00	11181593.00	11185553.00	11181540.00	11181422.00	11181532.00	11181405.00	11185110.00	11179978.00	11180365.00	11180247.00	11181757.00	11180564.00	11284856.00	11180349.00	11189657.00	11180030.00	11180008.00	**11179945.00**	**11179945.00**
	bound	-Inf	-Inf	9951215.00	-Inf	9951215.00	9951215.00	-Inf	-Inf	-Inf	11179945.00	11179945.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	11179944.97	11179941.73	11179931.02	11179853.22	11179898.13	11120719.56	11179940.74	11179019.73	11179945.00	11179945.00	**11179945.00**	**11179945.00**
	runtime	3.89	41.30	0.83	2.91	4.08	27.76	6.88	3.87	30.81	165.48	186.74	59.45	233.01	2256.13	516.47	462.42	2253.28	3434.03	2783.95	3613.50	3602.02	3602.82	2818.24	3066.87	2819.16	3117.17	3222.82	154.80	31.87	10.23	1621.71
	memory (GB)	0.85 GB	1.04 GB	1.71 GB	0.85 GB	2.33 GB	2.51 GB	0.73 GB	0.93 GB	1.13 GB	1.25 GB	1.42 GB	1.01 GB	0.60 GB	4.02 GB	4.02 GB	4.02 GB	4.16 GB	4.17 GB	4.16 GB	1.90 GB	3.22 GB	3.20 GB	2.09 GB	3.22 GB	2.09 GB	3.22 GB	2.09 GB	0.60 GB	0.85 GB	1.05 GB	2.71 GB
brain-1	value	11180367.00	11180504.00	11180634.00	11180487.00	11180634.00	11180246.00	11284147.00	11284268.00	11209099.00	11179729.00	11179706.00	11181041.00	11181096.00	11187737.00	11181484.00	11181450.00	11181494.00	11181523.00	11187289.00	11179696.00	11179984.00	11180056.00	11181770.00	11180320.00	11295516.00	11180057.00	11190166.00	11179770.00	11179748.00	**11179679.00**	**11179679.00**
	bound	-Inf	-Inf	9949693.00	-Inf	9949693.00	9949693.00	-Inf	-Inf	-Inf	11179679.00	11179679.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	11179679.00	11179676.54	11179668.18	11179578.56	11179627.72	11114933.89	11179675.99	11178822.41	11179679.00	11179679.00	**11179679.00**	**11179679.00**
	runtime	4.12	35.48	0.83	2.91	4.14	27.62	6.70	3.89	30.93	80.18	104.27	51.68	227.40	2247.82	468.27	463.72	1163.81	3453.04	2786.19	2551.93	3601.51	3058.63	3534.82	3602.92	3494.16	3601.75	2843.15	60.48	15.39	10.52	1613.61
	memory (GB)	0.85 GB	1.04 GB	1.71 GB	0.85 GB	2.33 GB	2.51 GB	0.72 GB	0.93 GB	1.13 GB	1.25 GB	1.42 GB	1.01 GB	0.60 GB	4.02 GB	4.02 GB	4.02 GB	4.16 GB	4.16 GB	4.16 GB	1.90 GB	3.22 GB	3.22 GB	2.09 GB	3.20 GB	2.09 GB	3.20 GB	2.09 GB	0.60 GB	0.85 GB	1.09 GB	2.71 GB
brain-2	value	11239960.00	11239965.00	11240264.00	11240129.00	11240264.00	11239927.00	11342450.00	11342467.00	11268018.00	11239428.00	11239361.00	11240722.00	11241092.00	11244760.00	11241077.00	11240992.00	11240994.00	11240941.00	11244628.00	11239407.00	11239756.00	11239774.00	11242250.00	11240151.00	11344962.00	11239941.00	11250219.00	11239499.00	11239472.00	**11239339.00**	**11239339.00**
	bound	-Inf	-Inf	9997375.00	-Inf	9997375.00	9997375.00	-Inf	-Inf	-Inf	11239339.00	11239339.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	11239339.00	11239336.09	11239324.79	11239198.12	11239275.86	11180018.28	11239333.54	11238445.99	11239339.00	11239339.00	**11239339.00**	**11239339.00**
	runtime	4.23	61.67	0.83	2.91	4.16	27.81	6.86	3.92	30.87	76.70	80.63	54.22	229.52	2284.82	579.95	437.81	1151.35	495.88	2831.79	2608.11	3066.16	3601.46	2814.82	3600.94	3556.93	3603.51	3345.00	57.92	7.67	10.95	344.19
	memory (GB)	0.85 GB	1.04 GB	1.71 GB	0.85 GB	2.33 GB	2.51 GB	0.72 GB	0.93 GB	1.13 GB	1.25 GB	1.42 GB	1.01 GB	0.60 GB	4.03 GB	4.03 GB	4.03 GB	4.16 GB	4.16 GB	4.16 GB	1.90 GB	3.22 GB	3.21 GB	2.09 GB	3.21 GB	2.09 GB	3.22 GB	2.09 GB	0.60 GB	0.85 GB	1.09 GB	2.72 GB
brain-3	value	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**
	bound	3142160.00	-Inf	3142160.00	3142160.00	3142160.00	3142160.00	-Inf	-Inf	-Inf	3142160.00	3142160.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	3142160.00	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	**3142160.00**	3142160.00	3142160.00	3142160.00	3142160.00
	runtime	1.79	10.31	0.50	1.77	2.44	2.44	2.67	1.29	24.40	0.67	0.76	8.69	233.80	6.99	70.57	20.38	97.42	25.84	8.64	2.25	4.45	4.54	3.95	3.48	3.20	3.49	3.18	0.41	1.58	1.58	2.19
	memory (GB)	0.85 GB	1.01 GB	1.71 GB	0.85 GB	2.28 GB	2.28 GB	0.67 GB	0.93 GB	1.10 GB	1.16 GB	1.16 GB	1.01 GB	0.60 GB	4.02 GB	4.02 GB	4.02 GB	4.16 GB	4.16 GB	4.16 GB	1.86 GB	2.94 GB	2.94 GB	2.09 GB	2.96 GB	2.08 GB	2.94 GB	2.09 GB	0.60 GB	0.85 GB	0.85 GB	2.29 GB
mean energy		9185804.25	9185865.25	9186044.50	9185930.25	9186044.50	9185787.25	9263471.50	9263538.00	9207084.00	9185326.75	9185298.75	9186218.50	9186485.25	9189963.75	9186565.25	9186506.00	9186545.00	9186479.25	9189701.00	9185310.25	9185566.25	9185559.25	9186984.25	9185798.75	9266873.50	9185626.75	9193050.50	9185363.25	9185347.00	9185280.75	9185280.75
mean bound		-Inf	-Inf	8260110.75	-Inf	8260110.75	8260110.75	-Inf	-Inf	-Inf	9185280.75	9185280.75	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	9185280.74	9185278.59	9185271.00	9185197.48	9185240.43	9139457.93	9185277.57	9184612.03	9185280.75	9185280.75	9185280.75	9185280.75
mean runtime		3.51	37.19	0.75	2.63	3.71	21.41	5.78	3.24	29.25	80.76	93.10	43.51	230.93	1698.94	408.82	346.08	1166.47	1852.20	2102.64	2193.95	2568.53	2566.86	2292.96	2568.56	2468.36	2581.48	2353.54	68.40	14.13	8.32	895.43
best value		25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	100.00	100.00
best bound		25.00	0.00	25.00	25.00	25.00	25.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	100.00	100.00	100.00	100.00
verified opt		25.00	0.00	25.00	25.00	25.00	25.00	0.00	0.00	0.00	25.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	100.00	100.00

Table 4: cell-tracking

cell-tracking		ogm-ICM	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	ADDD-BB	ogm-ILP-pct	ogm-ILP
ogm_model	value	40359847.14	7515575.61	40359847.14	14075743.46	8461693.24	207520418.28	407516128.01	307513873.84	307511908.51	107517017.88	307516517.88	34008664296.29	107514359.61	7696631.53	7748583.42	927583594.52	7696631.53	230126875.07	7696631.53	1819216014.16	7516359.61	**7514421.21**	**7514421.21**	**7514421.21**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	6206883.23	7513851.52	7501985.37	7501948.96	6899501.32	7501985.37	6899501.32	7501985.37	6899501.32	7513851.52	7411393.72	**7514421.21**	**7514421.21**
	runtime	0.03	62.12	0.04	0.43	1.55	60.07	62.01	61.97	65.94	65.97	62.92	11.74	459.93	532.38	522.32	522.89	527.17	526.20	531.65	518.55	4.21	38698.77	12.36	11.99
	memory (GB)	0.03 GB	0.12 GB	0.04 GB	0.06 GB	0.07 GB	0.08 GB	0.08 GB	0.08 GB	0.09 GB	0.09 GB	0.09 GB	0.08 GB	0.08 GB	0.18 GB	0.18 GB	0.17 GB	0.17 GB	0.15 GB	0.17 GB	0.15 GB	0.51 GB	0.10 GB	1.05 GB	1.20 GB
mean energy		40359847.14	7515575.61	40359847.14	14075743.46	8461693.24	107515319.56	7520989.51	7518377.63	107518566.78	107517017.88	7528407.72	45364196.24	107514359.61	7696631.53	7748583.42	927583594.52	7696631.53	230126875.07	7696631.53	1819216014.16	7516359.61	7514421.21	7514421.21	7514421.21
mean bound		-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	6206883.23	7513851.52	7501985.37	7501948.96	6899501.32	7501985.37	6899501.32	7501985.37	6899501.32	7513851.52	7411393.72	7514421.21	7514421.21
mean runtime		0.03	62.12	0.04	0.43	1.55	60.07	62.01	61.97	65.94	65.97	62.92	11.74	459.93	532.38	522.32	522.89	527.17	526.20	531.65	518.55	4.21	38698.77	12.36	11.99
best value		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00

Table 5: color-seg-n4

color-seg-n4		α-Exp-pct	FastPD	FastPD-pct	mrf-α-Exp-trunc-TL	mrf-αβ-Swap-trunc-TL	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	mrf-LBP-TL	mrf-BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	MCR-TC-MTC	MCR-pct	mrf-TRWS-TL	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-pct	MCI-TC-MTC-TCI	MCI-pct	ogm-CombiLP
clownfish-small	value	14825.63	14825.99	14825.63	14825.71	14833.46	14825.99	14823.07	15445.56	15454.53	14939.77	14817.48	14817.48	14821.31	14820.14	14832.76	14822.08	14821.72	14822.08	14821.72	14832.76	14817.50	14817.87	**14817.47**	**14817.47**	14817.48	14817.48	14817.50	14817.48	14820.65	14817.48	14818.44	14817.48	**14817.47**	**14817.47**	**14817.47**
	bound	-Inf	12994.38	-Inf	-Inf	-Inf	12994.38	12994.38	-Inf	-Inf	-Inf	14817.46	14817.46	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	14817.46	14817.46	14817.46	14817.46	14817.46	14817.46	14817.46	14817.46	14815.52	14817.46	14817.25	14817.46	**14817.47**	**14817.47**	**14817.47**
	runtime	2.26	0.35	1.76	1.21	0.79	1.35	8.49	1.78	0.91	10.95	4.57	11.71	48.66	30.75	562.19	496.94	194.73	658.63	267.48	766.74	18.74	4.26	30.33	197.88	553.94	568.63	523.69	570.68	512.13	580.46	519.46	5.27	35.88	9.86	32.68
	memory (GB)	0.11 GB	0.31 GB	0.11 GB	0.07 GB	0.07 GB	0.36 GB	0.38 GB	0.09 GB	0.11 GB	0.12 GB	0.15 GB	0.16 GB	0.09 GB	0.09 GB	0.46 GB	0.46 GB	0.46 GB	0.47 GB	0.47 GB	0.47 GB	1.16 GB	0.22 GB	0.09 GB	0.21 GB	0.38 GB	0.38 GB	0.21 GB	0.38 GB	0.21 GB	0.37 GB	0.22 GB	0.11 GB	2.66 GB	0.45 GB	0.31 GB
crops-small	value	11933.38	11933.90	11933.38	11935.23	11944.97	11933.90	11932.01	12275.46	12275.75	12036.31	**11923.91**	**11923.91**	11932.53	11932.78	11960.98	11931.91	11931.30	11931.91	11931.30	11960.98	**11923.91**	11930.01	**11923.91**	**11923.91**	**11923.91**	11923.91	11924.52	11933.14	11938.73	**11923.91**	11926.64	**11923.91**	**11923.91**	**11923.91**	**11923.91**
	bound	-Inf	8751.92	-Inf	-Inf	-Inf	8751.92	8751.92	-Inf	-Inf	-Inf	**11923.91**	**11923.91**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**11923.91**	**11923.91**	**11923.91**	**11923.91**	**11923.91**	11923.91	11923.89	11922.73	11914.40	11923.91	11923.69	**11923.91**	**11923.91**	**11923.91**	**11923.91**
	runtime	3.82	0.31	1.89	1.81	0.71	1.51	8.46	1.77	0.75	9.82	7.20	7.19	47.61	30.92	566.46	326.07	119.35	434.38	159.71	759.66	28.50	15.58	30.68	149.02	201.36	591.56	548.60	562.41	546.77	563.82	537.60	27.45	28.37	24.06	39.12
	memory (GB)	0.11 GB	0.31 GB	0.15 GB	0.07 GB	0.07 GB	0.36 GB	0.38 GB	0.11 GB	0.11 GB	0.12 GB	0.14 GB	0.14 GB	0.09 GB	0.09 GB	0.46 GB	0.46 GB	0.46 GB	0.47 GB	0.47 GB	0.47 GB	1.19 GB	0.52 GB	0.09 GB	0.21 GB	0.35 GB	0.36 GB	0.22 GB	0.36 GB	0.21 GB	0.38 GB	0.22 GB	0.11 GB	1.19 GB	1.13 GB	0.31 GB
fourcolors	value	69522.34	69522.02	69522.34	69521.44	69522.93	69522.02	69521.07	111724.30	111724.30	96146.01	**69520.53**	**69520.53**	69526.16	69539.44	69576.80	69529.88	69524.89	69529.88	69524.89	69576.80	**69520.53**	**69520.53**	**69520.53**	**69520.53**	**69520.53**	**69520.53**	**69520.53**	**69520.53**	**69520.53**	**69520.53**	69521.92	**69520.53**	**69520.53**	**69520.53**	**69520.53**
	bound	-Inf	46632.06	-Inf	-Inf	-Inf	42056.10	42056.10	-Inf	-Inf	-Inf	**69520.53**	**69520.53**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**69520.53**	**69520.53**	**69520.53**	**69520.53**	**69520.53**	69520.53	69520.50	**69520.53**	**69520.53**	69520.48	69519.64	**69520.53**	**69520.53**	**69520.53**	**69520.53**
	runtime	0.61	0.23	0.40	0.28	0.15	0.36	1.21	0.17	0.10	1.87	0.62	0.60	23.67	8.04	106.69	121.26	115.99	144.41	135.70	121.87	10.55	2.28	8.29	11.81	68.76	194.36	193.20	79.56	36.93	191.71	190.14	0.90	11.30	3.33	12.41
	memory (GB)	0.07 GB	0.11 GB	0.07 GB	0.05 GB	0.05 GB	0.15 GB	0.16 GB	0.06 GB	0.08 GB	0.09 GB	0.09 GB	0.09 GB	0.05 GB	0.05 GB	0.26 GB	0.26 GB	0.26 GB	0.27 GB	0.27 GB	0.27 GB	0.70 GB	0.19 GB	0.05 GB	0.13 GB	0.18 GB	0.19 GB	0.14 GB	0.19 GB	0.14 GB	0.20 GB	0.14 GB	0.07 GB	0.70 GB	0.28 GB	0.15 GB
lake-small	value	14318.22	14318.29	14318.22	14317.00	14321.33	14318.29	14317.54	14699.49	14699.93	14426.61	**14311.95**	**14311.95**	14317.26	14317.37	14347.39	14317.35	14316.59	14317.35	14316.59	14347.39	**14311.95**	14312.58	**14311.95**	**14311.95**	**14311.95**	**14311.95**	**14311.95**	14313.81	14315.20	**14311.95**	14314.16	**14311.95**	**14311.95**	**14311.95**	**14311.95**
	bound	-Inf	12156.84	-Inf	-Inf	-Inf	12156.84	12156.84	-Inf	-Inf	-Inf	**14311.95**	**14311.95**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**14311.95**	**14311.95**	**14311.95**	**14311.95**	**14311.95**	14311.95	14311.95	14311.83	14309.91	14311.95	14311.65	**14311.95**	**14311.95**	**14311.95**	**14311.95**
	runtime	2.59	0.29	1.90	1.21	0.55	1.37	8.58	1.76	0.72	9.85	2.88	2.90	47.86	30.91	568.53	465.86	164.40	624.31	223.07	772.93	17.34	5.13	31.66	69.40	145.68	560.03	540.41	586.37	516.16	584.07	574.25	7.69	19.28	10.26	13.84
	memory (GB)	0.11 GB	0.31 GB	0.12 GB	0.07 GB	0.07 GB	0.36 GB	0.38 GB	0.09 GB	0.11 GB	0.12 GB	0.14 GB	0.14 GB	0.09 GB	0.09 GB	0.46 GB	0.46 GB	0.46 GB	0.47 GB	0.47 GB	0.47 GB	1.17 GB	0.34 GB	0.09 GB	0.21 GB	0.37 GB	0.37 GB	0.22 GB	0.38 GB	0.22 GB	0.37 GB	0.22 GB	0.11 GB	1.16 GB	0.59 GB	0.25 GB
palm-small	value	12271.17	12271.70	12271.20	12267.03	12308.94	12271.70	12270.09	16855.53	16855.25	14721.41	**12236.92**	**12236.92**	12277.18	12490.49	12603.02	12282.88	12284.60	12282.88	12284.60	12603.02	**12236.92**	12468.10	**12236.92**	**12236.92**	**12236.92**	**12236.92**	**12236.92**	12258.00	12308.21	**12236.92**	12256.63	**12236.92**	**12236.92**	**12236.92**	**12236.92**
	bound	-Inf	6781.47	-Inf	-Inf	-Inf	6781.47	6781.47	-Inf	-Inf	-Inf	**12236.92**	**12236.92**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**12236.92**	**12236.92**	**12236.92**	**12236.92**	**12236.92**	12236.92	12236.92	12225.34	12192.88	12236.92	12236.30	**12236.92**	**12236.92**	**12236.92**	**12236.92**
	runtime	3.44	0.38	2.12	1.52	1.07	1.36	8.99	1.02	0.54	11.01	9.51	9.51	45.62	30.70	587.23	357.53	643.91	867.99	864.79	766.45	166.59	81.43	31.13	226.39	213.74	584.99	535.62	550.96	559.99	88.24	562.67	20.71	177.20	89.76	44.32
	memory (GB)	0.11 GB	0.31 GB	0.14 GB	0.07 GB	0.07 GB	0.36 GB	0.38 GB	0.08 GB	0.11 GB	0.12 GB	0.14 GB	0.14 GB	0.09 GB	0.09 GB	0.46 GB	0.46 GB	0.46 GB	0.47 GB	0.47 GB	0.47 GB	1.31 GB	0.59 GB	0.09 GB	0.21 GB	0.36 GB	0.36 GB	0.22 GB	0.37 GB	0.22 GB	0.36 GB	0.22 GB	0.11 GB	1.29 GB	1.31 GB	0.31 GB
penguin-small	value	8240.11	8240.09	8240.11	8238.99	8241.24	8240.09	8239.76	9983.50	9983.97	9498.21	**8234.64**	**8234.64**	8245.53	8246.37	8300.04	8248.01	8248.01	8248.01	8248.01	8300.04	**8234.64**	**8234.64**	**8234.64**	**8234.64**	**8234.64**	**8234.64**	**8234.64**	**8234.64**	8244.76	**8234.64**	8234.73	**8234.64**	**8234.64**	**8234.64**	**8234.64**
	bound	-Inf	6286.75	-Inf	-Inf	-Inf	6286.75	6286.75	-Inf	-Inf	-Inf	**8234.64**	**8234.64**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**8234.64**	**8234.64**	**8234.64**	**8234.64**	**8234.64**	**8234.64**	8234.64	**8234.64**	8228.61	8234.64	8234.45	**8234.64**	**8234.64**	**8234.64**	**8234.64**
	runtime	0.91	0.15	0.75	0.52	0.36	0.67	3.44	0.66	0.31	3.55	3.42	3.47	34.88	16.89	280.56	85.90	30.91	209.23	108.11	337.17	10.30	1.55	17.24	67.99	68.89	156.18	305.05	209.55	305.06	315.75	306.77	1.18	10.36	2.11	17.83
	memory (GB)	0.09 GB	0.20 GB	0.09 GB	0.06 GB	0.06 GB	0.25 GB	0.26 GB	0.07 GB	0.09 GB	0.11 GB	0.11 GB	0.11 GB	0.07 GB	0.07 GB	0.36 GB	0.36 GB	0.36 GB	0.37 GB	0.37 GB	0.37 GB	0.77 GB	0.12 GB	0.07 GB	0.16 GB	0.28 GB	0.27 GB	0.18 GB	0.28 GB	0.18 GB	0.31 GB	0.18 GB	0.09 GB	0.77 GB	0.16 GB	0.20 GB
pfau-small	value	24355.22	24355.73	24355.62	24349.80	24484.94	24355.73	24350.18	29587.75	29587.75	26520.69	24233.96	24233.96	24474.40	24598.67	26705.12	24471.08	24498.69	24469.25	24494.92	26647.40	28175.51	32133.45	24234.08	24233.86	24347.45	24236.41	24375.69	25418.02	25673.71	24234.14	24587.38	24233.97	28175.51	32133.45	**24233.78**
	bound	-Inf	9802.65	-Inf	-Inf	-Inf	7906.20	7906.20	-Inf	-Inf	-Inf	24233.71	24233.71	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	22388.38	-Inf	24233.71	24233.71	24232.57	24233.68	24228.64	23965.95	23304.88	24233.70	24230.87	24233.71	22388.38	-Inf	**24233.78**
	runtime	8.56	0.51	2.66	1.62	1.18	1.49	7.74	0.75	0.35	9.31	34.08	40.20	45.95	27.63	511.01	559.00	556.31	776.88	778.16	686.04	3573.32	3603.15	27.68	1968.45	519.84	513.36	502.59	510.13	485.68	487.89	470.20	323.12	3568.99	3603.17	112.38
	memory (GB)	0.15 GB	0.27 GB	0.32 GB	0.06 GB	0.06 GB	0.33 GB	0.34 GB	0.07 GB	0.10 GB	0.11 GB	0.13 GB	0.15 GB	0.08 GB	0.08 GB	0.41 GB	0.41 GB	0.41 GB	0.42 GB	0.42 GB	0.42 GB	0.49 GB	1.68 GB	0.08 GB	0.19 GB	0.36 GB	0.32 GB	0.20 GB	0.35 GB	0.19 GB	0.36 GB	0.19 GB	0.14 GB	0.49 GB	1.67 GB	0.38 GB
snail	value	13104.91	13104.93	13104.92	13104.92	13104.99	13104.93	13104.93	13149.85	13149.85	13115.45	**13104.90**	**13104.90**	13105.06	13105.19	13106.09	13105.27	13105.22	13105.27	13105.22	13106.09	**13104.90**	**13104.90**	**13104.90**	**13104.90**	**13104.90**	**13104.90**	**13104.90**	**13104.90**	13105.55	**13104.90**	13104.91	**13104.90**	**13104.90**	**13104.90**	**13104.90**
	bound	-Inf	13044.64	-Inf	-Inf	-Inf	13044.64	13044.64	-Inf	-Inf	-Inf	**13104.90**	**13104.90**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**13104.90**	**13104.90**	**13104.90**	**13104.90**	**13104.90**	13104.90	13104.90	**13104.90**	13104.49	13104.90	13104.89	**13104.90**	**13104.90**	**13104.90**	**13104.90**
	runtime	0.23	0.05	0.23	0.20	0.09	0.22	0.79	0.36	0.34	1.01	1.55	1.58	23.03	6.65	87.05	13.57	4.54	46.99	25.56	101.96	3.14	0.39	6.99	18.67	16.66	196.45	180.67	54.06	197.05	200.92	182.45	0.23	3.16	0.44	17.43
	memory (GB)	0.08 GB	0.10 GB	0.08 GB	0.05 GB	0.05 GB	0.16 GB	0.17 GB	0.07 GB	0.09 GB	0.11 GB	0.10 GB	0.10 GB	0.05 GB	0.05 GB	0.28 GB	0.28 GB	0.28 GB	0.29 GB	0.29 GB	0.29 GB	0.44 GB	0.08 GB	0.05 GB	0.14 GB	0.22 GB	0.22 GB	0.17 GB	0.22 GB	0.17 GB	0.23 GB	0.17 GB	0.08 GB	0.44 GB	0.08 GB	0.16 GB
strawberry-glass-2-small	value	11742.27	11740.51	11742.27	11741.96	11785.40	11740.51	11740.26	13243.63	13244.63	12573.92	**11725.19**	**11725.19**	11779.78	11795.83	11962.49	11779.98	11795.13	11779.98	11795.13	11962.49	**11725.19**	11979.57	**11725.19**	**11725.19**	**11725.19**	**11725.19**	**11725.19**	11812.07	11863.27	**11725.19**	11732.22	**11725.19**	**11725.19**	**11725.19**	**11725.19**
	bound	-Inf	6351.80	-Inf	-Inf	-Inf	2912.22	2912.22	-Inf	-Inf	-Inf	**11725.19**	**11725.19**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**11725.19**	**11725.19**	**11725.19**	**11725.19**	11725.19	11725.19	11725.19	11711.14	11644.68	11725.19	11724.62	**11725.19**	**11725.19**	**11725.19**	**11725.19**
	runtime	4.38	0.34	1.94	1.65	0.88	1.28	7.68	1.40	0.52	9.06	4.44	4.54	41.55	27.60	507.12	590.25	576.92	783.35	779.58	684.65	136.69	108.59	27.64	98.08	227.77	521.68	190.07	517.62	484.11	518.67	485.66	24.02	131.42	122.82	40.13
	memory (GB)	0.10 GB	0.27 GB	0.17 GB	0.06 GB	0.06 GB	0.32 GB	0.34 GB	0.10 GB	0.10 GB	0.11 GB	0.12 GB	0.12 GB	0.08 GB	0.08 GB	0.41 GB	0.41 GB	0.41 GB	0.42 GB	0.42 GB	0.42 GB	1.18 GB	0.73 GB	0.08 GB	0.19 GB	0.32 GB	0.32 GB	0.19 GB	0.35 GB	0.19 GB	0.35 GB	0.19 GB	0.10 GB	1.18 GB	1.63 GB	0.31 GB
mean energy		20034.80	20034.80	20034.85	20033.56	20060.91	20034.80	20033.21	26329.45	26330.66	23775.38	20012.17	20012.17	20053.19	20094.03	20372.87	20054.26	20058.42	20054.06	20058.00	20367.42	20450.12	20944.63	20012.17	20012.15	20024.78	20012.44	20027.98	20156.95	20198.96	20012.19	20055.22	20012.17	20450.11	20889.89	20012.14
mean bound		-Inf	13644.72	-Inf	-Inf	-Inf	12543.39	12543.39	-Inf	-Inf	-Inf	20012.14	20012.14	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	19807.10	-Inf	20012.14	20012.14	20012.01	20012.13	20011.56	19979.39	19892.88	20012.13	20011.48	20012.14	19807.10	-Inf	20012.14
mean runtime		2.98	0.29	1.52	1.11	0.64	1.07	6.15	1.07	0.50	7.38	7.58	9.08	39.87	23.35	419.65	335.15	267.45	505.13	371.35	555.27	440.57	424.71	23.52	311.96	224.07	431.91	391.10	404.59	404.87	392.39	425.47	45.62	442.89	429.54	36.68
best value		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.78	77.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.78	33.33	88.89	88.89	77.78	66.67	66.67	33.33	11.11	77.78	0.00	77.78	88.89	88.89	100.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.78	77.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.78	77.78	77.78	77.78	66.67	11.11	0.00	33.33	11.11	0.00	0.00	77.78	88.89	88.89	100.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.78	77.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.78	33.33	77.78	77.78	77.78	11.11	11.11	33.33	11.11	0.00	0.00	77.78	88.89	88.89	100.00

Table 6: color-seg-n8

color-seg-n8		α-Exp-pct	α-Exp-VIEW	FastPD	FastPD-pct	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	αβ-Swap-VIEW	BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	MCR-TC-MTC	MCR-pct	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-TL	TRWS-pct	MCI-TC-MTC-TCI	MCI-pct	ogm-CombiLP
clownfish-small	value	14799.49	14799.41	14799.41	14799.49	14799.41	14798.17	14970.58	14971.77	14864.18	14794.22	**14794.18**	14802.36	14803.92	14804.41	14804.61	14804.45	14804.50	14804.34	14804.29	14794.33	14794.34	14794.21	14794.23	14794.35	14800.61	14803.15	15050.38	14794.26	14806.20	14794.24	14794.27	**14794.18**	**14794.18**	**14794.18**
	bound	-Inf	-Inf	13241.24	-Inf	13241.24	13241.24	-Inf	-Inf	-Inf	14794.14	14794.14	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	14794.14	14794.14	14794.14	14794.14	14794.14	14793.94	14792.82	14676.12	14794.14	14792.61	14794.14	14794.14	**14794.18**	**14794.18**	**14794.18**
	runtime	4.56	9.37	0.48	3.25	2.61	31.49	3.27	1.52	35.68	10.03	36.75	10.94	72.85	1260.32	1398.37	1397.62	1852.28	1864.98	1650.44	44.37	10.73	478.54	1193.90	1238.24	1056.45	1226.95	1079.12	1160.34	1201.60	9.54	19.88	228.95	44.65	80.36
	memory (GB)	0.15 GB	0.17 GB	0.51 GB	0.17 GB	0.60 GB	0.64 GB	0.13 GB	0.16 GB	0.20 GB	0.23 GB	0.26 GB	0.17 GB	0.13 GB	0.79 GB	0.79 GB	0.79 GB	0.81 GB	0.81 GB	0.81 GB	1.59 GB	0.42 GB	0.35 GB	0.80 GB	0.80 GB	0.38 GB	0.79 GB	0.38 GB	0.79 GB	0.37 GB	0.13 GB	0.15 GB	3.52 GB	0.87 GB	0.56 GB
crops-small	value	11858.43	11858.38	11858.38	11858.43	11858.38	11857.94	11989.75	11989.69	11927.12	11853.14	11853.14	11864.92	11871.15	11875.04	11877.34	11875.99	11877.34	11875.99	11875.04	11853.24	11861.25	11853.16	11853.14	11853.35	11880.38	11899.29	12436.39	11853.22	11885.31	11853.14	11853.14	**11853.12**	**11853.12**	**11853.12**
	bound	-Inf	-Inf	9098.37	-Inf	9098.37	9098.37	-Inf	-Inf	-Inf	11853.09	11853.09	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	11853.10	11853.10	11853.10	11853.10	11853.09	11852.18	11837.02	11590.06	11853.10	11851.31	11853.09	11853.09	**11853.12**	**11853.12**	**11853.12**
	runtime	7.13	11.37	0.54	3.66	2.77	30.77	3.14	1.28	32.98	24.01	51.58	12.99	74.24	1257.40	1397.62	1373.81	1833.87	1848.44	1644.84	69.91	36.24	1505.38	1210.50	1247.23	1113.93	1253.52	1142.56	1241.50	1262.61	22.87	121.84	238.57	76.00	82.11
	memory (GB)	0.15 GB	0.17 GB	0.51 GB	0.24 GB	0.60 GB	0.64 GB	0.14 GB	0.16 GB	0.20 GB	0.23 GB	0.26 GB	0.17 GB	0.13 GB	0.79 GB	0.79 GB	0.79 GB	0.81 GB	0.81 GB	0.81 GB	1.67 GB	0.77 GB	0.35 GB	0.80 GB	0.80 GB	0.38 GB	0.80 GB	0.37 GB	0.80 GB	0.38 GB	0.13 GB	0.15 GB	3.82 GB	1.71 GB	0.57 GB
fourcolors	value	69551.90	69551.84	69551.86	69551.90	69551.84	69551.35	107651.59	107677.92	73667.05	69550.75	69550.75	69555.20	69585.06	69581.66	69590.15	69584.03	69590.15	69584.03	69581.66	69550.87	**69550.59**	**69550.59**	69550.64	**69550.59**	69550.61	69550.64	69756.59	69550.64	69574.52	69550.75	69550.75	**69550.59**	**69550.59**	**69550.59**
	bound	-Inf	-Inf	46632.06	-Inf	42737.26	42737.26	-Inf	-Inf	-Inf	69550.47	69550.47	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	69550.47	69550.47	69550.47	69550.47	69550.47	69550.45	69550.46	69482.02	69550.40	69544.68	69550.47	69550.47	**69550.59**	**69550.59**	**69550.59**
	runtime	1.23	2.26	0.28	0.64	0.77	2.82	0.48	0.30	9.85	6.46	8.69	2.10	35.66	11.51	27.83	7.41	36.53	15.94	12.42	20.27	5.26	230.15	445.97	455.81	422.20	433.93	417.47	466.84	406.37	6.31	6.44	38.22	10.52	29.49
	memory (GB)	0.10 GB	0.13 GB	0.17 GB	0.10 GB	0.24 GB	0.27 GB	0.08 GB	0.11 GB	0.15 GB	0.14 GB	0.18 GB	0.13 GB	0.08 GB	0.45 GB	0.45 GB	0.45 GB	0.47 GB	0.46 GB	0.47 GB	1.09 GB	0.29 GB	0.20 GB	0.38 GB	0.39 GB	0.24 GB	0.39 GB	0.24 GB	0.38 GB	0.24 GB	0.08 GB	0.10 GB	2.16 GB	0.56 GB	0.32 GB
lake-small	value	14331.33	14331.34	14331.34	14331.33	14331.34	14330.98	14461.99	14461.89	14386.97	**14327.98**	**14327.98**	14335.08	14338.16	14340.24	14341.83	14341.43	14341.78	14341.37	14340.18	**14327.98**	14327.99	**14327.98**	**14327.98**	**14327.98**	14339.22	14337.25	14699.56	**14327.98**	14347.40	14327.99	14327.99	**14327.98**	14327.99	**14327.98**
	bound	-Inf	-Inf	12383.76	-Inf	12383.76	12383.76	-Inf	-Inf	-Inf	14327.97	14327.97	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	14327.97	14327.97	14327.97	14327.97	14327.97	14327.61	14324.31	14155.47	14327.96	14326.10	14327.97	14327.97	14327.98	**14327.99**	14327.98
	runtime	4.63	7.72	0.54	3.31	2.78	29.46	3.34	1.35	34.15	7.68	34.51	10.71	75.47	1256.69	1377.77	1376.25	1834.11	1889.38	1662.14	35.82	9.17	556.01	1238.80	1211.40	1083.33	1247.67	1184.30	1231.49	1144.86	7.23	15.43	488.35	16.82	96.62
	memory (GB)	0.15 GB	0.17 GB	0.51 GB	0.16 GB	0.60 GB	0.64 GB	0.13 GB	0.16 GB	0.20 GB	0.23 GB	0.27 GB	0.17 GB	0.13 GB	0.79 GB	0.79 GB	0.79 GB	0.81 GB	0.81 GB	0.81 GB	1.49 GB	0.40 GB	0.35 GB	0.80 GB	0.79 GB	0.37 GB	0.80 GB	0.38 GB	0.78 GB	0.37 GB	0.13 GB	0.15 GB	3.53 GB	0.64 GB	0.55 GB
palm-small	value	12280.09	12281.38	12281.38	12280.09	12281.38	12280.56	15081.04	15088.27	14593.51	12253.95	12253.88	12317.79	12420.97	12327.70	12331.13	12327.53	12331.13	12327.76	12327.70	12255.02	12668.72	**12253.75**	12254.66	12254.43	12556.40	12516.14	13677.61	12253.89	12360.84	12253.95	12253.94	**12253.75**	**12253.75**	**12253.75**
	bound	-Inf	-Inf	7462.79	-Inf	7462.79	7462.79	-Inf	-Inf	-Inf	12253.69	12253.69	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	12253.69	12253.69	12253.69	12253.69	12253.66	12243.85	12093.47	11572.26	12253.60	12250.02	12253.69	12253.68	**12253.75**	**12253.75**	**12253.75**
	runtime	6.93	11.66	0.55	3.62	2.70	29.36	1.97	0.93	33.96	92.22	118.28	16.45	72.14	1260.74	1382.80	1377.07	1838.38	1881.44	1650.93	497.43	267.38	3602.01	1219.18	1201.27	1084.74	1248.46	1094.37	1235.60	1100.25	90.96	76.40	1303.72	305.08	302.54
	memory (GB)	0.15 GB	0.17 GB	0.51 GB	0.22 GB	0.60 GB	0.64 GB	0.12 GB	0.16 GB	0.20 GB	0.23 GB	0.27 GB	0.17 GB	0.13 GB	0.79 GB	0.79 GB	0.79 GB	0.81 GB	0.81 GB	0.81 GB	1.73 GB	0.92 GB	0.35 GB	0.79 GB	0.80 GB	0.37 GB	0.78 GB	0.39 GB	0.78 GB	0.38 GB	0.13 GB	0.15 GB	4.52 GB	1.96 GB	0.69 GB
penguin-small	value	8260.63	8261.19	8261.19	8260.63	8261.19	8260.82	9376.16	9376.16	9281.11	**8258.62**	**8258.62**	8262.15	8287.60	8285.95	8288.08	8287.17	8288.08	8287.17	8285.95	**8258.62**	**8258.62**	**8258.62**	**8258.62**	**8258.62**	8322.37	8269.32	8752.46	8258.69	8285.06	**8258.62**	**8258.62**	**8258.62**	**8258.62**	**8258.62**
	bound	-Inf	-Inf	6544.57	-Inf	6544.57	6544.57	-Inf	-Inf	-Inf	8258.62	8258.62	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**8258.62**	**8258.62**	**8258.62**	8258.62	8258.62	8256.62	8256.75	8026.94	8258.56	8258.12	8258.62	**8258.62**	**8258.62**	**8258.62**	**8258.62**
	runtime	1.67	4.55	0.27	1.47	1.21	12.04	1.11	0.58	12.45	26.01	36.22	7.17	50.24	601.54	116.48	39.17	438.39	197.31	735.79	26.25	3.21	521.56	722.62	747.44	681.37	719.05	638.93	793.14	687.91	25.68	3.86	24.98	5.15	115.69
	memory (GB)	0.13 GB	0.15 GB	0.33 GB	0.13 GB	0.41 GB	0.44 GB	0.10 GB	0.14 GB	0.17 GB	0.19 GB	0.22 GB	0.15 GB	0.11 GB	0.61 GB	0.61 GB	0.61 GB	0.63 GB	0.63 GB	0.63 GB	0.97 GB	0.17 GB	0.27 GB	0.60 GB	0.58 GB	0.32 GB	0.61 GB	0.33 GB	0.60 GB	0.32 GB	0.10 GB	0.13 GB	0.99 GB	0.24 GB	0.48 GB
pfau-small	value	24131.70	24130.45	24130.45	24131.70	24130.45	24126.75	28530.67	28530.56	26107.31	24010.55	24010.55	24286.99	24722.46	24504.86	24537.51	24510.46	24536.43	24507.70	24501.22	30126.20	32133.45	24010.60	24273.34	24015.72	26676.99	25685.69	30021.02	24012.36	24969.24	24010.79	24010.79	30126.20	32133.45	**24010.44**
	bound	-Inf	-Inf	9802.65	-Inf	9319.41	9319.41	-Inf	-Inf	-Inf	24010.32	24010.32	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	21508.11	-Inf	24010.32	24004.92	24009.91	23929.34	23139.43	21619.25	24010.22	24003.58	24010.32	24010.32	21508.11	-Inf	**24010.44**
	runtime	15.24	10.73	0.78	5.02	2.63	28.78	1.48	0.79	32.17	37.75	61.69	14.41	73.96	1116.68	1230.35	1242.94	1632.97	1666.08	1481.70	3588.40	3606.34	1308.51	1142.77	1110.25	977.48	1122.08	1050.94	1096.84	989.25	37.91	439.81	3585.35	3604.67	179.59
	memory (GB)	0.23 GB	0.15 GB	0.45 GB	0.52 GB	0.54 GB	0.57 GB	0.10 GB	0.14 GB	0.17 GB	0.20 GB	0.23 GB	0.15 GB	0.12 GB	0.71 GB	0.71 GB	0.70 GB	0.72 GB	0.72 GB	0.72 GB	0.56 GB	2.20 GB	0.31 GB	0.70 GB	0.71 GB	0.34 GB	0.70 GB	0.35 GB	0.71 GB	0.34 GB	0.12 GB	0.21 GB	0.56 GB	2.28 GB	0.54 GB
snail	value	13105.89	13105.90	13105.90	13105.89	13105.90	13105.89	13119.36	13119.30	13110.47	**13105.86**	**13105.86**	13105.90	13106.15	13106.55	13106.54	13106.56	13106.54	13106.56	13106.55	13106.07	**13105.86**	**13105.86**	**13105.86**	13105.86	**13105.86**	**13105.86**	13123.27	13105.86	13106.14	**13105.86**	13105.87	**13105.86**	**13105.86**	**13105.86**
	bound	-Inf	-Inf	13052.44	-Inf	13052.44	13052.44	-Inf	-Inf	-Inf	**13105.86**	**13105.86**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**13105.86**	**13105.86**	**13105.86**	13105.86	13105.86	**13105.86**	**13105.86**	13097.53	13105.86	13105.82	**13105.86**	13105.86	**13105.86**	**13105.86**	**13105.86**
	runtime	0.40	1.81	0.09	0.43	0.48	2.25	0.56	0.51	2.43	5.36	5.28	1.82	46.50	7.68	31.79	10.67	33.93	16.21	8.84	9.98	0.74	78.50	113.91	465.66	269.61	371.80	446.24	488.79	435.33	5.35	0.42	598.79	0.86	78.39
	memory (GB)	0.11 GB	0.14 GB	0.17 GB	0.11 GB	0.25 GB	0.28 GB	0.10 GB	0.14 GB	0.17 GB	0.15 GB	0.16 GB	0.15 GB	0.09 GB	0.48 GB	0.48 GB	0.48 GB	0.50 GB	0.50 GB	0.50 GB	0.64 GB	0.12 GB	0.22 GB	0.41 GB	0.41 GB	0.31 GB	0.41 GB	0.31 GB	0.42 GB	0.31 GB	0.08 GB	0.12 GB	1.61 GB	0.11 GB	0.28 GB
strawberry-glass-2-small	value	11781.66	11780.33	11780.33	11781.66	11780.33	11780.02	12542.24	12542.08	12223.91	11766.42	11766.42	11813.98	11951.63	11894.26	11906.97	11896.37	11906.97	11896.37	11894.26	11770.08	12197.16	11766.48	11766.63	11766.57	12013.26	12070.32	13315.14	11766.72	11822.52	11766.61	11766.61	**11766.34**	**11766.34**	**11766.34**
	bound	-Inf	-Inf	6351.80	-Inf	4252.25	4252.25	-Inf	-Inf	-Inf	11766.25	11766.25	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	11766.25	11766.25	11766.25	11766.25	11766.25	11759.63	11613.50	11065.29	11766.24	11764.72	11766.25	11766.25	**11766.34**	**11766.34**	**11766.34**
	runtime	8.28	10.68	0.55	3.70	2.64	26.65	2.50	1.10	33.22	17.85	41.19	11.16	63.17	1133.10	689.83	249.91	915.52	329.98	1471.47	566.49	438.37	3600.55	1135.77	1128.66	999.55	1135.35	1017.26	1165.68	990.12	17.31	142.70	1020.07	750.14	102.02
	memory (GB)	0.15 GB	0.15 GB	0.45 GB	0.28 GB	0.53 GB	0.56 GB	0.13 GB	0.14 GB	0.17 GB	0.20 GB	0.23 GB	0.15 GB	0.12 GB	0.71 GB	0.71 GB	0.70 GB	0.72 GB	0.72 GB	0.72 GB	1.57 GB	1.09 GB	0.31 GB	0.73 GB	0.71 GB	0.35 GB	0.72 GB	0.34 GB	0.71 GB	0.35 GB	0.12 GB	0.14 GB	3.80 GB	2.55 GB	0.60 GB
mean energy		20011.24	20011.13	20011.14	20011.24	20011.13	20010.28	25302.60	25306.40	21129.07	19991.28	19991.27	20038.26	20120.78	20079.73	20087.10	20081.48	20086.96	20081.13	20079.31	20671.36	20988.67	19991.25	20020.56	19991.94	20360.63	20248.63	21203.60	19991.51	20128.58	19991.31	19991.33	20670.74	20893.77	19991.21
mean bound		-Inf	-Inf	13841.08	-Inf	13121.34	13121.34	-Inf	-Inf	-Inf	19991.16	19991.16	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	19713.14	-Inf	19991.16	19990.56	19991.11	19979.94	19857.07	19476.10	19991.12	19988.55	19991.16	19991.16	19713.17	-Inf	19991.21
mean runtime		5.56	7.79	0.45	2.79	2.07	21.51	1.98	0.93	25.21	25.26	43.80	9.75	62.69	878.41	850.32	786.09	1157.33	1078.86	1146.51	539.88	486.38	1320.13	935.94	978.44	854.29	973.20	896.80	986.69	913.14	24.80	91.86	836.33	534.88	118.53
best value		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	44.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.22	33.33	55.56	44.44	33.33	11.11	11.11	0.00	11.11	0.00	22.22	11.11	88.89	77.78	100.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.11	11.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.22	22.22	22.22	11.11	0.00	11.11	11.11	0.00	0.00	0.00	11.11	11.11	77.78	88.89	88.89
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.11	11.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.11	22.22	22.22	11.11	0.00	11.11	11.11	0.00	0.00	0.00	11.11	11.11	88.89	88.89	100.00

Table 7: color-seg

color-seg		α-Exp-pct	α-Exp-VIEW	FastPD	FastPD-pct	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	αβ-Swap-VIEW	BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	MCR-TC-MTC	MCR-pct	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-TL	TRWS-pct	MCI-TC-MTC-TCI	MCI-pct	ogm-CombiLP
colseg-cow3	value	**455392947.00**	**455392947.00**	**455392947.00**	**455392947.00**	**455392947.00**	**455392947.00**	458488872.00	458488872.00	456969746.00	**455392947.00**	**455392947.00**	**455392947.00**	455739908.00	455425920.00	455421935.00	455425920.00	455421935.00	455425920.00	455425920.00	**455392947.00**	**455392947.00**	**455392947.00**	455392968.00	455392970.00	455397421.00	455392992.00	455730976.00	455393036.00	455400727.00	**455392947.00**	**455392947.00**	**455392947.00**	**455392947.00**	**455392947.00**
	bound	-Inf	-Inf	455352948.00	-Inf	455352948.00	455352948.00	-Inf	-Inf	-Inf	455392939.55	455392939.55	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**455392947.00**	**455392947.00**	455392947.00	455392926.27	455392939.71	455392815.72	455392943.39	455380941.25	455392898.90	455392749.05	455392939.55	455392947.00	**455392947.00**	**455392947.00**	**455392947.00**
	runtime	1.07	7.76	0.37	1.04	1.41	9.64	2.72	2.45	12.94	141.44	124.20	7.72	93.00	73.44	301.65	105.88	1598.85	1598.74	1290.31	101.81	1.00	2851.64	2395.92	2371.76	1890.83	2348.16	1831.00	2163.22	1869.92	128.99	1.33	83.12	1.17	699.76
	memory (GB)	0.55 GB	0.70 GB	0.83 GB	0.55 GB	1.25 GB	1.34 GB	0.47 GB	0.63 GB	0.73 GB	0.81 GB	0.91 GB	0.70 GB	0.38 GB	2.53 GB	2.53 GB	2.53 GB	2.62 GB	2.62 GB	2.62 GB	3.24 GB	0.55 GB	1.11 GB	2.06 GB	2.06 GB	1.45 GB	2.07 GB	1.45 GB	2.09 GB	1.45 GB	0.38 GB	0.55 GB	3.23 GB	0.55 GB	1.69 GB
colseg-cow4	value	**451816855.00**	**451816855.00**	**451816855.00**	**451816855.00**	**451816855.00**	**451816855.00**	456710333.00	456710333.00	454229361.00	451816915.00	451816915.00	**451816855.00**	452230314.00	451847478.00	451846264.00	451846712.00	451846264.00	451846712.00	451847478.00	**451816855.00**	**451816855.00**	451816899.00	451816999.00	451817232.00	451851175.00	451817123.00	452215103.00	451817503.00	451837248.00	451816964.00	451816904.00	**451816855.00**	**451816855.00**	**451816855.00**
	bound	-Inf	-Inf	451755945.00	-Inf	451755945.00	451755945.00	-Inf	-Inf	-Inf	451816850.76	451816850.76	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**451816855.00**	**451816855.00**	451816853.96	451816835.51	451816834.94	451815772.18	451816840.61	451799247.67	451816808.33	451816594.11	451816850.76	451816855.00	**451816855.00**	**451816855.00**	**451816855.00**
	runtime	1.31	9.72	0.52	1.27	2.21	15.30	4.25	3.24	20.90	172.97	181.71	10.54	106.47	178.38	777.37	242.60	2037.82	2050.53	1657.69	164.49	1.27	3605.66	2464.29	2264.01	2201.89	2499.92	2044.63	2292.86	2198.34	142.76	1.76	155.03	1.51	742.16
	memory (GB)	0.56 GB	0.70 GB	1.00 GB	0.56 GB	1.42 GB	1.51 GB	0.47 GB	0.63 GB	0.74 GB	0.83 GB	0.92 GB	0.70 GB	0.40 GB	2.76 GB	2.76 GB	2.76 GB	2.85 GB	2.85 GB	2.85 GB	3.76 GB	0.56 GB	1.19 GB	2.25 GB	2.26 GB	1.47 GB	2.26 GB	1.47 GB	2.26 GB	1.46 GB	0.40 GB	0.56 GB	3.76 GB	0.56 GB	1.84 GB
colseg-garden4	value	**18207021.00**	18207025.00	18207023.00	18207022.00	18207023.00	18207023.00	18801059.00	18802108.00	18351436.00	**18207021.00**	**18207021.00**	18207075.00	18229827.00	18209979.00	18210653.00	18210008.00	18210530.00	18210480.00	18210145.00	**18207021.00**	**18207021.00**	**18207021.00**	**18207021.00**	**18207021.00**	18207134.00	**18207021.00**	18263177.00	18207023.00	18207888.00	**18207021.00**	**18207021.00**	**18207021.00**	**18207021.00**	**18207021.00**
	bound	-Inf	-Inf	18151378.00	-Inf	18151378.00	18151378.00	-Inf	-Inf	-Inf	18207021.00	18207021.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**18207021.00**	**18207021.00**	**18207021.00**	18207017.98	18207020.03	18207018.98	18207021.00	18184103.89	18206985.91	18206791.38	18207021.00	**18207021.00**	**18207021.00**	**18207021.00**	**18207021.00**
	runtime	0.09	0.46	0.03	0.09	0.11	0.80	0.17	0.12	1.61	0.55	1.39	0.48	5.23	67.90	8.26	2.78	100.31	64.47	79.86	2.09	0.18	13.17	124.05	120.27	105.36	27.66	101.66	111.10	98.83	0.52	0.11	2.41	0.27	9.02
	memory (GB)	0.03 GB	0.04 GB	0.05 GB	0.03 GB	0.08 GB	0.09 GB	0.03 GB	0.04 GB	0.05 GB	0.06 GB	0.06 GB	0.04 GB	0.02 GB	0.14 GB	0.14 GB	0.14 GB	0.15 GB	0.15 GB	0.15 GB	0.24 GB	0.03 GB	0.07 GB	0.14 GB	0.12 GB	0.08 GB	0.13 GB	0.08 GB	0.13 GB	0.08 GB	0.02 GB	0.03 GB	0.24 GB	0.03 GB	0.08 GB
mean energy		308472274.33	308472275.67	308472275.00	308472274.67	308472275.00	308472275.00	311333421.33	311333771.00	309850181.00	308472294.33	308472294.33	308472292.33	308733349.67	308494459.00	308492950.67	308494213.33	308492909.67	308494370.67	308494514.33	308472274.33	308472274.33	308472289.00	308472329.33	308472407.67	308485243.33	308472378.67	308736418.67	308472520.67	308481954.33	308472294.33	308472290.67	308472274.33	308472274.33	308472274.33
mean bound		-Inf	-Inf	308420090.33	-Inf	308420090.33	308420090.33	-Inf	-Inf	-Inf	308472270.43	308472270.43	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	308472274.33	308472274.33	308472273.99	308472259.92	308472264.89	308471868.96	308472268.33	308454764.27	308472231.05	308472044.84	308472270.43	308472274.33	308472274.33	308472274.33	308472274.33
mean runtime		0.82	5.98	0.31	0.80	1.25	8.58	2.38	1.94	11.82	104.99	102.44	6.25	68.24	106.57	362.43	117.09	1245.66	1237.92	1009.29	89.46	0.82	2156.82	1661.42	1585.35	1399.36	1625.25	1325.76	1522.39	1389.03	90.76	1.07	80.19	0.98	483.64
best value		100.00	66.67	66.67	66.67	66.67	66.67	0.00	0.00	0.00	66.67	66.67	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	66.67	33.33	33.33	0.00	33.33	0.00	0.00	0.00	66.67	66.67	100.00	100.00	100.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	66.67	0.00	0.00	0.00	33.33	0.00	0.00	0.00	33.33	100.00	100.00	100.00	100.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	66.67	0.00	0.00	0.00	33.33	0.00	0.00	0.00	33.33	66.67	100.00	100.00	100.00

Table 8: correlation-clustering

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
0000047	value	-802.98	-802.98	-814.64	-814.64	-814.64	**-833.59**	**-833.59**	**-833.59**
	bound	-Inf	-Inf	-841.25	-841.25	-841.25	**-833.59**	**-833.59**	**-833.59**
	runtime	0.97	0.44	0.74	0.38	0.39	50.15	26.38	13.22
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.04 GB
0000051	value	-421.91	-421.91	**-520.90**	**-520.90**	**-520.90**	**-520.90**	**-520.90**	**-520.90**
	bound	-Inf	-Inf	**-520.90**	**-520.90**	**-520.90**	**-520.90**	**-520.90**	**-520.90**
	runtime	0.07	0.03	0.01	0.01	0.01	0.01	0.05	0.04
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
0000059	value	-1044.34	-1044.34	-1076.55	-1076.55	-1076.55	**-1085.19**	**-1085.19**	**-1085.19**
	bound	-Inf	-Inf	-1087.32	-1087.32	-1087.32	**-1085.19**	**-1085.19**	**-1085.19**
	runtime	1.15	0.58	1.42	0.92	0.95	25.34	8.94	7.26
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.05 GB	0.05 GB
0000072	value	-978.79	-978.79	**-1016.29**	**-1016.29**	**-1016.29**	**-1016.29**	**-1016.29**	**-1016.29**
	bound	-Inf	-Inf	-1016.32	-1016.32	-1016.32	**-1016.29**	**-1016.29**	**-1016.29**
	runtime	2.44	1.22	0.07	0.04	0.05	0.15	1.07	0.92
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
0000087	value	-526.51	-526.51	-591.96	-591.96	-591.96	**-598.42**	**-598.42**	**-598.42**
	bound	-Inf	-Inf	-600.44	-600.44	-600.44	**-598.42**	**-598.42**	**-598.42**
	runtime	1.05	0.51	0.13	0.08	0.09	3.42	4.63	4.30
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
0000176	value	-1029.98	-1029.98	-1060.19	-1060.19	-1060.19	**-1061.62**	**-1061.62**	**-1061.62**
	bound	-Inf	-Inf	-1061.97	-1061.97	-1061.97	**-1061.62**	**-1061.62**	**-1061.62**
	runtime	8.33	3.90	0.57	0.31	0.33	0.63	1.35	1.54
	memory (GB)	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.06 GB	0.07 GB
0000382	value	-375.20	-375.20	**-464.74**	**-464.74**	**-464.74**	**-464.74**	**-464.74**	**-464.74**
	bound	-Inf	-Inf	-464.85	-464.85	-464.85	**-464.74**	**-464.74**	**-464.74**
	runtime	0.41	0.18	0.02	0.02	0.02	0.06	0.17	0.28
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0000631	value	-161.74	-161.74	-178.61	-178.61	-178.61	**-178.71**	**-178.71**	**-178.71**
	bound	-Inf	-Inf	-179.10	-179.10	-179.10	**-178.71**	**-178.71**	**-178.71**
	runtime	0.17	0.08	0.01	0.01	0.01	0.26	0.36	0.26
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
0000643	value	-564.53	-564.53	-630.49	-630.49	-630.49	**-631.12**	**-631.12**	**-631.12**
	bound	-Inf	-Inf	-632.00	-632.00	-632.00	**-631.12**	**-631.12**	**-631.12**
	runtime	0.94	0.43	0.07	0.05	0.06	0.19	0.56	0.71
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
0000697	value	-537.91	-537.91	-599.51	-599.51	-599.51	**-600.68**	**-600.68**	**-600.68**
	bound	-Inf	-Inf	-602.18	-602.18	-602.18	**-600.68**	**-600.68**	**-600.68**
	runtime	0.44	0.20	0.09	0.05	0.06	0.54	1.05	1.17
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0000759	value	-441.82	-441.82	-499.68	-499.68	-499.68	**-500.43**	**-500.43**	**-500.43**
	bound	-Inf	-Inf	-500.72	-500.72	-500.72	**-500.43**	**-500.43**	**-500.43**
	runtime	0.56	0.24	0.05	0.03	0.03	0.08	0.28	0.24
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0000794	value	-284.59	-284.59	-320.00	-320.00	-320.00	**-321.74**	**-321.74**	**-321.74**
	bound	-Inf	-Inf	-325.04	-325.04	-325.04	**-321.74**	**-321.74**	**-321.74**
	runtime	2.20	1.05	0.06	0.03	0.04	1.37	1.92	1.61
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
0000952	value	-709.38	-709.38	-761.55	-761.55	-761.55	**-762.66**	**-762.66**	**-762.66**
	bound	-Inf	-Inf	-764.25	-764.25	-764.25	**-762.66**	**-762.66**	**-762.66**
	runtime	2.82	1.28	0.12	0.07	0.08	2.92	5.18	4.70
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
0001677	value	-548.64	-548.64	-591.43	-591.43	-591.43	**-593.05**	**-593.05**	**-593.05**
	bound	-Inf	-Inf	-593.14	-593.14	-593.14	**-593.05**	**-593.05**	**-593.05**
	runtime	0.82	0.39	0.07	0.04	0.05	0.15	0.49	0.59
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
0002136	value	-718.99	-718.99	-751.63	-751.63	-751.63	**-752.29**	**-752.29**	**-752.29**
	bound	-Inf	-Inf	-753.43	-753.43	-753.43	**-752.29**	**-752.29**	**-752.29**
	runtime	0.64	0.28	0.33	0.20	0.20	0.98	3.45	2.13
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
0002395	value	-386.78	-386.78	-474.04	-474.04	-474.04	**-474.71**	**-474.71**	**-474.71**
	bound	-Inf	-Inf	-475.27	-475.27	-475.27	**-474.71**	**-474.71**	**-474.71**
	runtime	0.32	0.14	0.03	0.02	0.02	2.16	2.93	2.73
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0002755	value	-672.34	-672.34	-721.56	-721.56	-721.56	**-724.99**	**-724.99**	**-724.99**
	bound	-Inf	-Inf	-725.88	-725.88	-725.88	**-724.99**	**-724.99**	**-724.99**
	runtime	0.86	0.40	0.07	0.04	0.04	0.59	0.81	1.04
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
0003178	value	-900.49	-900.49	-951.03	-951.03	-951.03	**-952.34**	**-952.34**	**-952.34**
	bound	-Inf	-Inf	-952.37	-952.37	-952.37	**-952.34**	**-952.34**	**-952.34**
	runtime	1.20	0.55	0.15	0.13	0.14	0.30	0.85	1.99
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB	0.05 GB
0003423	value	-558.02	-558.02	-569.13	-569.13	-569.13	**-570.74**	**-570.74**	**-570.74**
	bound	-Inf	-Inf	-570.92	-570.92	-570.92	**-570.74**	**-570.74**	**-570.74**
	runtime	0.36	0.16	0.03	0.03	0.04	0.17	0.40	0.47
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
0003463	value	-543.84	-543.84	-582.69	-582.69	-582.69	**-582.80**	**-582.80**	**-582.80**
	bound	-Inf	-Inf	-583.09	-583.09	-583.09	**-582.80**	**-582.80**	**-582.80**
	runtime	0.41	0.18	0.07	0.05	0.06	0.25	0.80	0.60
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
0003728	value	-571.78	-571.78	-630.48	-630.48	-630.48	**-634.37**	**-634.37**	**-634.37**
	bound	-Inf	-Inf	-634.56	-634.56	-634.56	**-634.37**	**-634.37**	**-634.37**
	runtime	0.57	0.35	0.20	0.14	0.14	0.29	2.10	1.51
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.05 GB	0.04 GB
0003793	value	-678.07	-678.07	-724.97	-724.97	-724.97	**-725.87**	**-725.87**	**-725.87**
	bound	-Inf	-Inf	-726.72	-726.72	-726.72	**-725.87**	**-725.87**	**-725.87**
	runtime	0.18	0.08	0.01	0.01	0.01	0.08	0.24	0.27
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.02 GB
0003957	value	-830.46	-830.46	**-882.14**	**-882.14**	**-882.14**	**-882.14**	**-882.14**	**-882.14**
	bound	-Inf	-Inf	**-882.14**	**-882.14**	**-882.14**	**-882.14**	**-882.14**	**-882.14**
	runtime	2.34	1.10	0.04	0.05	0.04	0.05	0.35	0.29
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0004028	value	-683.37	-683.37	**-710.58**	**-710.58**	**-710.58**	**-710.58**	**-710.58**	**-710.58**
	bound	-Inf	-Inf	**-710.58**	**-710.58**	**-710.58**	**-710.58**	-710.59	**-710.58**
	runtime	0.30	0.14	0.08	0.06	0.06	0.06	0.54	0.33
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0004069	value	-624.77	-624.77	-672.67	-672.67	-672.67	**-674.60**	**-674.60**	**-674.60**
	bound	-Inf	-Inf	-674.97	-674.97	-674.97	**-674.60**	**-674.60**	**-674.60**
	runtime	0.58	0.28	0.09	0.05	0.05	0.15	1.27	0.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0004294	value	-351.16	-351.16	-374.79	-374.79	-374.79	**-375.10**	**-375.10**	**-375.10**
	bound	-Inf	-Inf	-375.25	-375.25	-375.25	**-375.10**	**-375.10**	**-375.10**
	runtime	0.28	0.13	0.03	0.02	0.02	0.06	0.54	0.38
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0004498	value	-470.12	-470.12	**-523.70**	**-523.70**	**-523.70**	**-523.70**	**-523.70**	**-523.70**
	bound	-Inf	-Inf	-525.04	-525.04	-525.04	**-523.70**	**-523.70**	**-523.70**
	runtime	0.44	0.20	0.03	0.02	0.03	0.06	0.21	0.28
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0004774	value	-797.58	-797.58	-827.57	-827.57	-827.57	**-829.46**	**-829.46**	**-829.46**
	bound	-Inf	-Inf	-830.40	-830.40	-830.40	**-829.46**	-829.56	-829.63
	runtime	0.36	0.18	0.02	0.01	0.02	0.26	0.29	0.45
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0005074	value	-338.95	-338.95	-388.75	-388.75	-388.75	**-388.85**	**-388.85**	**-388.85**
	bound	-Inf	-Inf	-389.03	-389.03	-389.03	**-388.85**	-388.98	**-388.85**
	runtime	1.21	0.60	0.05	0.04	0.05	0.14	1.80	2.51
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
0005079	value	-941.67	-941.67	**-942.05**	**-942.05**	**-942.05**	**-942.05**	**-942.05**	**-942.05**
	bound	-Inf	-Inf	-942.19	-942.19	-942.19	-942.06	**-942.05**	**-942.05**
	runtime	0.46	0.20	0.22	0.17	0.17	0.57	1.09	0.96
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
0005633	value	-484.20	-484.20	-524.96	-524.96	-524.96	**-525.71**	**-525.71**	**-525.71**
	bound	-Inf	-Inf	-526.11	-526.11	-526.11	**-525.71**	**-525.71**	**-525.71**
	runtime	0.32	0.15	0.03	0.03	0.03	0.07	0.22	0.21
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0006575	value	-886.89	-886.89	-926.12	-926.12	-926.12	**-932.65**	**-932.65**	**-932.65**
	bound	-Inf	-Inf	-935.04	-935.04	-935.04	**-932.65**	**-932.65**	**-932.65**
	runtime	6.39	3.39	0.45	0.30	0.32	2.10	4.03	4.08
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.06 GB	0.06 GB
0007323	value	-606.87	-606.87	-640.69	-640.69	-640.69	**-643.50**	**-643.50**	**-643.50**
	bound	-Inf	-Inf	-643.76	-643.76	-643.76	**-643.50**	**-643.50**	**-643.50**
	runtime	0.66	0.28	0.04	0.03	0.03	0.11	0.44	0.60
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
0007545	value	-505.91	-505.91	-537.99	-537.99	-537.99	**-541.51**	**-541.51**	**-541.51**
	bound	-Inf	-Inf	-542.56	-542.56	-542.56	**-541.51**	**-541.51**	**-541.51**
	runtime	0.32	0.15	0.02	0.01	0.02	0.12	0.45	0.32
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
0007932	value	-387.32	-387.32	-428.31	-428.31	-428.31	**-429.63**	**-429.63**	**-429.63**
	bound	-Inf	-Inf	-429.64	-429.64	-429.64	**-429.63**	**-429.63**	**-429.63**
	runtime	0.39	0.16	0.03	0.02	0.02	0.04	0.19	0.22
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.03 GB
0009212	value	-328.14	-328.14	-369.07	-369.07	-369.07	**-373.77**	**-373.77**	**-373.77**
	bound	-Inf	-Inf	-375.59	-375.59	-375.59	**-373.77**	**-373.77**	**-373.77**
	runtime	1.07	0.51	0.23	0.11	0.12	0.86	1.79	1.67
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
0010830	value	-443.85	-443.85	-498.53	-498.53	-498.53	**-499.14**	**-499.14**	**-499.14**
	bound	-Inf	-Inf	-499.23	-499.23	-499.23	**-499.14**	**-499.14**	**-499.14**
	runtime	0.14	0.06	0.01	0.01	0.01	0.03	0.07	0.11
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
0010950	value	-627.02	-627.02	-667.88	-667.88	-667.88	**-670.87**	**-670.87**	**-670.87**
	bound	-Inf	-Inf	-671.61	-671.61	-671.61	**-670.87**	**-670.87**	**-670.87**
	runtime	1.43	0.65	0.12	0.09	0.10	0.68	1.94	1.57
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
0011003	value	-432.49	-432.49	**-495.38**	**-495.38**	**-495.38**	**-495.38**	**-495.38**	**-495.38**
	bound	-Inf	-Inf	**-495.38**	**-495.38**	**-495.38**	**-495.38**	**-495.38**	**-495.38**
	runtime	0.62	0.29	0.02	0.02	0.02	0.02	0.12	0.15
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
0011033	value	-407.77	-407.77	-438.43	-438.43	-438.43	**-439.17**	**-439.17**	**-439.17**
	bound	-Inf	-Inf	-440.08	-440.08	-440.08	**-439.17**	**-439.17**	**-439.17**
	runtime	1.75	0.82	0.17	0.10	0.10	0.34	0.74	0.79
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
0011073	value	-935.76	-935.76	-968.75	-968.75	-968.75	**-969.55**	**-969.55**	**-969.55**
	bound	-Inf	-Inf	-970.28	-970.28	-970.28	**-969.55**	**-969.55**	**-969.55**
	runtime	1.61	0.74	0.14	0.10	0.10	0.75	1.06	1.06
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
0011088	value	-674.52	-674.52	-738.79	-738.79	-738.79	**-739.16**	**-739.16**	**-739.16**
	bound	-Inf	-Inf	-740.05	-740.05	-740.05	**-739.16**	**-739.16**	**-739.16**
	runtime	0.69	0.39	0.04	0.04	0.04	0.40	0.60	0.66
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
0011116	value	-713.28	-713.28	-731.04	-731.04	-731.04	**-732.86**	**-732.86**	**-732.86**
	bound	-Inf	-Inf	-734.43	-734.43	-734.43	**-732.86**	**-732.86**	**-732.86**
	runtime	1.91	0.91	0.27	0.12	0.13	1.78	2.61	2.50
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
0011154	value	-276.00	-276.00	**-311.32**	**-311.32**	**-311.32**	**-311.32**	**-311.32**	**-311.32**
	bound	-Inf	-Inf	**-311.32**	**-311.32**	**-311.32**	**-311.32**	**-311.32**	**-311.32**
	runtime	0.66	0.29	0.02	0.01	0.02	0.02	0.21	0.27
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0100026	value	-633.31	-633.31	-696.13	-696.13	-696.13	**-696.67**	**-696.67**	**-696.67**
	bound	-Inf	-Inf	-697.02	-697.02	-697.02	**-696.67**	**-696.67**	**-696.67**
	runtime	0.42	0.20	0.03	0.02	0.02	0.06	0.19	0.21
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0100030	value	-538.00	-538.00	**-587.09**	**-587.09**	**-587.09**	**-587.09**	**-587.09**	**-587.09**
	bound	-Inf	-Inf	-587.56	-587.56	-587.56	**-587.09**	**-587.09**	**-587.09**
	runtime	0.31	0.14	0.02	0.02	0.02	0.25	0.29	0.27
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0100061	value	-239.04	-239.04	-266.18	-266.18	-266.18	**-267.58**	**-267.58**	**-267.58**
	bound	-Inf	-Inf	-268.17	-268.17	-268.17	**-267.58**	**-267.58**	**-267.58**
	runtime	0.83	0.41	0.02	0.02	0.02	1.61	1.71	2.36
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
0100091	value	-506.76	-506.76	**-551.73**	**-551.73**	**-551.73**	**-551.73**	**-551.73**	**-551.73**
	bound	-Inf	-Inf	**-551.73**	**-551.73**	**-551.73**	**-551.73**	**-551.73**	**-551.73**
	runtime	1.74	0.81	0.10	0.07	0.07	0.07	0.45	0.36
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB
0100113	value	-717.76	-717.76	**-728.21**	**-728.21**	**-728.21**	**-728.21**	**-728.21**	**-728.21**
	bound	-Inf	-Inf	**-728.21**	**-728.21**	**-728.21**	**-728.21**	**-728.21**	**-728.21**
	runtime	0.72	0.34	0.04	0.04	0.03	0.04	0.41	0.25
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0100132	value	-489.99	-489.99	-546.80	-546.80	-546.80	**-548.21**	**-548.21**	**-548.21**
	bound	-Inf	-Inf	-550.60	-550.60	-550.60	**-548.21**	**-548.21**	**-548.21**
	runtime	0.16	0.07	0.04	0.03	0.03	0.93	1.25	1.30
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.03 GB
0100164	value	-238.52	-238.52	-261.29	-261.29	-261.29	**-261.58**	**-261.58**	**-261.58**
	bound	-Inf	-Inf	-262.05	-262.05	-262.05	**-261.58**	**-261.58**	**-261.58**
	runtime	0.49	0.21	0.02	0.01	0.01	0.26	0.48	0.48
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0100241	value	-623.54	-623.54	-649.12	-649.12	-649.12	**-651.09**	**-651.09**	**-651.09**
	bound	-Inf	-Inf	-651.17	-651.17	-651.17	**-651.09**	**-651.09**	**-651.09**
	runtime	0.28	0.13	0.03	0.04	0.04	0.11	0.42	0.64
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
0100477	value	-507.07	-507.07	-562.46	-562.46	-562.46	**-566.80**	**-566.80**	**-566.80**
	bound	-Inf	-Inf	-569.36	-569.36	-569.36	**-566.80**	**-566.80**	**-566.80**
	runtime	1.31	0.58	0.09	0.06	0.07	0.93	1.41	1.41
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
0100579	value	-317.84	-317.84	**-404.76**	**-404.76**	**-404.76**	**-404.76**	**-404.76**	**-404.76**
	bound	-Inf	-Inf	**-404.76**	**-404.76**	**-404.76**	**-404.76**	**-404.76**	**-404.76**
	runtime	0.46	0.20	0.03	0.02	0.02	0.02	0.33	0.35
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0100628	value	-799.03	-799.03	-868.89	-868.89	-868.89	**-870.21**	**-870.21**	**-870.21**
	bound	-Inf	-Inf	-871.15	-871.15	-871.15	**-870.21**	**-870.21**	**-870.21**
	runtime	3.69	2.21	0.09	0.06	0.07	1.19	1.82	1.79
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
0100740	value	-587.26	-587.26	-631.62	-631.62	-631.62	**-632.98**	**-632.98**	**-632.98**
	bound	-Inf	-Inf	-634.23	-634.23	-634.23	**-632.98**	**-632.98**	**-632.98**
	runtime	0.45	0.25	0.02	0.02	0.02	0.05	0.15	0.13
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB
0100787	value	-768.98	-768.98	-811.92	-811.92	-811.92	**-813.76**	**-813.76**	**-813.76**
	bound	-Inf	-Inf	-815.82	-815.82	-815.82	**-813.76**	**-813.76**	**-813.76**
	runtime	1.21	0.56	0.10	0.06	0.06	3.08	4.23	4.25
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
0100822	value	-560.73	-560.73	-616.12	-616.12	-616.12	**-621.37**	**-621.37**	**-621.37**
	bound	-Inf	-Inf	-622.38	-622.38	-622.38	**-621.37**	**-621.37**	**-621.37**
	runtime	1.16	0.52	0.13	0.09	0.09	0.44	2.46	2.58
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.05 GB
0100851	value	-531.26	-531.26	-561.27	-561.27	-561.27	**-564.52**	**-564.52**	**-564.52**
	bound	-Inf	-Inf	-569.39	-569.39	-569.35	**-564.52**	**-564.52**	**-564.52**
	runtime	0.28	0.12	0.13	0.08	0.09	2.03	2.94	2.26
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0100855	value	-277.33	-277.33	-328.01	-328.01	-328.01	**-328.67**	**-328.67**	**-328.67**
	bound	-Inf	-Inf	-329.24	-329.24	-329.24	**-328.67**	**-328.67**	**-328.67**
	runtime	0.69	0.31	0.04	0.02	0.02	0.24	0.55	0.53
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0100892	value	-659.52	-659.52	-727.51	-727.51	-727.51	**-727.96**	**-727.96**	**-727.96**
	bound	-Inf	-Inf	-727.99	-727.99	-727.99	**-727.96**	**-727.96**	**-727.96**
	runtime	0.42	0.21	0.03	0.02	0.02	0.10	0.33	0.38
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
0100935	value	-365.88	-365.88	-440.74	-440.74	-440.74	**-442.12**	**-442.12**	**-442.12**
	bound	-Inf	-Inf	-443.43	-443.43	-443.43	**-442.12**	**-442.12**	**-442.12**
	runtime	0.18	0.10	0.02	0.03	0.03	0.80	0.96	2.18
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
0101060	value	-451.09	-451.09	-482.30	-482.30	-482.30	**-483.35**	**-483.35**	**-483.35**
	bound	-Inf	-Inf	-484.29	-484.29	-484.29	**-483.35**	**-483.35**	**-483.35**
	runtime	0.63	0.26	0.14	0.11	0.11	1.57	2.65	1.91
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0101121	value	-276.57	-276.57	**-327.82**	**-327.82**	**-327.82**	**-327.82**	**-327.82**	**-327.82**
	bound	-Inf	-Inf	**-327.82**	**-327.82**	**-327.82**	**-327.82**	**-327.82**	**-327.82**
	runtime	0.07	0.03	0.03	0.02	0.02	0.02	0.07	0.16
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
0101434	value	-332.97	-332.97	-415.48	-415.48	-415.48	**-418.68**	**-418.68**	**-418.68**
	bound	-Inf	-Inf	-420.02	-420.02	-420.02	**-418.68**	**-418.68**	**-418.68**
	runtime	0.52	0.23	0.07	0.04	0.05	0.12	0.55	0.54
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0101463	value	-653.78	-653.78	**-707.85**	**-707.85**	**-707.85**	**-707.85**	**-707.85**	**-707.85**
	bound	-Inf	-Inf	**-707.85**	**-707.85**	**-707.85**	**-707.85**	**-707.85**	**-707.85**
	runtime	0.09	0.04	0.03	0.01	0.01	0.01	0.12	0.10
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
0101488	value	-284.85	-284.85	-331.20	-331.20	-331.20	**-331.61**	**-331.61**	**-331.61**
	bound	-Inf	-Inf	-331.83	-331.83	-331.83	**-331.61**	**-331.61**	**-331.61**
	runtime	0.08	0.04	0.02	0.01	0.01	0.23	0.33	0.45
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
0101492	value	-523.20	-523.20	-563.76	-563.76	-563.76	**-565.50**	**-565.50**	**-565.50**
	bound	-Inf	-Inf	-566.20	-566.20	-566.20	**-565.50**	**-565.50**	**-565.50**
	runtime	0.41	0.18	0.06	0.05	0.05	0.24	2.02	1.21
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0101801	value	-676.44	-676.44	-717.31	-717.31	-717.31	**-718.31**	**-718.31**	**-718.31**
	bound	-Inf	-Inf	-719.29	-719.29	-719.29	**-718.31**	**-718.31**	**-718.31**
	runtime	1.83	0.80	0.10	0.05	0.05	0.75	1.06	1.04
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
0102039	value	-720.23	-720.23	**-773.58**	**-773.58**	**-773.58**	**-773.58**	**-773.58**	**-773.58**
	bound	-Inf	-Inf	**-773.58**	**-773.58**	**-773.58**	**-773.58**	**-773.58**	**-773.58**
	runtime	0.18	0.07	0.01	0.00	0.00	0.00	0.05	0.04
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
0102170	value	-509.01	-509.01	**-530.12**	**-530.12**	**-530.12**	**-530.12**	**-530.12**	**-530.12**
	bound	-Inf	-Inf	**-530.12**	**-530.12**	**-530.12**	**-530.12**	**-530.12**	**-530.12**
	runtime	0.79	0.36	0.09	0.06	0.05	0.06	0.32	0.31
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0102234	value	-697.81	-697.81	**-758.50**	**-758.50**	**-758.50**	**-758.50**	**-758.50**	**-758.50**
	bound	-Inf	-Inf	-759.45	-759.45	-759.45	**-758.50**	**-758.50**	**-758.50**
	runtime	0.85	0.47	0.04	0.04	0.04	0.28	0.33	0.45
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
0102403	value	-780.60	-780.60	-799.03	-799.03	-799.03	**-803.76**	**-803.76**	**-803.76**
	bound	-Inf	-Inf	-804.45	-804.45	-804.45	**-803.76**	**-803.76**	**-803.76**
	runtime	0.50	0.30	0.08	0.06	0.06	0.28	0.76	0.71
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
0102435	value	-1064.74	-1064.74	-1078.90	-1078.90	-1078.90	**-1079.66**	**-1079.66**	**-1079.66**
	bound	-Inf	-Inf	-1080.33	-1080.33	-1080.33	**-1079.66**	**-1079.66**	**-1079.66**
	runtime	0.77	0.36	0.06	0.04	0.05	0.15	1.08	0.97
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
0102436	value	-645.36	-645.36	-705.12	-705.12	-705.12	**-706.46**	**-706.46**	**-706.46**
	bound	-Inf	-Inf	-706.55	-706.55	-706.55	**-706.46**	**-706.46**	**-706.46**
	runtime	0.35	0.14	0.08	0.06	0.06	0.17	0.42	0.31
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0102534	value	-373.75	-373.75	**-394.95**	**-394.95**	**-394.95**	**-394.95**	**-394.95**	**-394.95**
	bound	-Inf	-Inf	**-394.95**	**-394.95**	**-394.95**	**-394.95**	**-394.95**	**-394.95**
	runtime	0.15	0.06	0.01	0.01	0.01	0.01	0.08	0.06
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
0102544	value	-348.19	-348.19	-426.48	-426.48	-426.48	**-428.23**	**-428.23**	**-428.23**
	bound	-Inf	-Inf	-429.27	-429.27	-429.27	**-428.23**	**-428.23**	**-428.23**
	runtime	0.49	0.21	0.03	0.02	0.02	0.77	0.80	0.72
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0102566	value	-383.68	-383.68	-435.55	-435.55	-435.55	**-436.02**	**-436.02**	**-436.02**
	bound	-Inf	-Inf	-436.49	-436.49	-436.49	**-436.02**	**-436.02**	**-436.02**
	runtime	0.30	0.12	0.02	0.01	0.02	0.14	0.20	0.38
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
0103256	value	-589.38	-589.38	**-615.17**	**-615.17**	**-615.17**	**-615.17**	**-615.17**	**-615.17**
	bound	-Inf	-Inf	**-615.17**	**-615.17**	**-615.17**	**-615.17**	**-615.17**	**-615.17**
	runtime	0.33	0.19	0.03	0.02	0.02	0.02	0.13	0.12
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
0103344	value	-536.90	-536.90	-593.97	-593.97	-593.97	**-596.38**	**-596.38**	**-596.38**
	bound	-Inf	-Inf	-597.31	-597.31	-597.31	**-596.38**	**-596.38**	**-596.38**
	runtime	1.05	0.55	0.04	0.02	0.02	0.31	0.81	0.71
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
0103420	value	-258.45	-258.45	**-316.47**	**-316.47**	**-316.47**	**-316.47**	**-316.47**	**-316.47**
	bound	-Inf	-Inf	**-316.47**	**-316.47**	**-316.47**	**-316.47**	**-316.47**	**-316.47**
	runtime	0.40	0.18	0.04	0.02	0.02	0.02	0.51	0.41
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0103468	value	-378.44	-378.44	-413.50	-413.50	-413.50	**-414.36**	**-414.36**	**-414.36**
	bound	-Inf	-Inf	-416.20	-416.20	-416.20	**-414.36**	**-414.36**	**-414.36**
	runtime	0.24	0.12	0.02	0.02	0.02	0.21	0.57	0.37
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0103740	value	-512.61	-512.61	-549.19	-549.19	-549.19	**-550.87**	**-550.87**	**-550.87**
	bound	-Inf	-Inf	-551.21	-551.21	-551.16	**-550.87**	**-550.87**	**-550.87**
	runtime	1.00	0.43	0.02	0.02	0.03	0.07	0.31	0.27
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
0104019	value	-762.69	-762.69	-789.89	-789.89	-789.89	**-792.30**	**-792.30**	**-792.30**
	bound	-Inf	-Inf	-794.61	-794.61	-794.61	**-792.30**	**-792.30**	**-792.30**
	runtime	4.63	2.32	1.21	0.56	0.58	2.18	4.24	3.28
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.05 GB	0.05 GB
0104194	value	-618.20	-618.20	**-654.53**	**-654.53**	**-654.53**	**-654.53**	**-654.53**	**-654.53**
	bound	-Inf	-Inf	**-654.53**	**-654.53**	**-654.53**	**-654.53**	**-654.53**	**-654.53**
	runtime	0.60	0.30	0.08	0.08	0.08	0.08	0.36	0.40
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0104439	value	-303.76	-303.76	-326.79	-326.79	-326.79	**-327.86**	**-327.86**	**-327.86**
	bound	-Inf	-Inf	-330.52	-330.52	-330.52	**-327.86**	**-327.86**	**-327.86**
	runtime	0.26	0.14	0.07	0.05	0.05	4.77	5.09	4.50
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0104463	value	-651.37	-651.37	-719.04	-719.04	-719.04	**-722.03**	**-722.03**	**-722.03**
	bound	-Inf	-Inf	-723.78	-723.78	-723.78	**-722.03**	**-722.03**	**-722.03**
	runtime	2.24	1.11	0.18	0.14	0.15	2.04	2.35	1.54
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
0104552	value	-415.22	-415.22	-495.66	-495.66	-495.66	**-496.33**	**-496.33**	**-496.33**
	bound	-Inf	-Inf	-496.96	-496.96	-496.96	**-496.33**	**-496.33**	**-496.33**
	runtime	0.31	0.13	0.04	0.02	0.03	0.19	0.27	0.43
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
0104808	value	-607.33	-607.33	**-648.56**	**-648.56**	**-648.56**	**-648.56**	**-648.56**	**-648.56**
	bound	-Inf	-Inf	**-648.56**	**-648.56**	**-648.56**	**-648.56**	**-648.56**	**-648.56**
	runtime	0.66	0.29	0.02	0.01	0.02	0.02	0.17	0.19
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
0104958	value	-290.16	-290.16	**-321.11**	**-321.11**	**-321.11**	**-321.11**	**-321.11**	**-321.11**
	bound	-Inf	-Inf	**-321.11**	**-321.11**	**-321.11**	**-321.11**	**-321.11**	**-321.11**
	runtime	0.05	0.02	0.00	0.00	0.00	0.00	0.02	0.03
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
0105003	value	-822.91	-822.91	-859.41	-859.41	-859.41	**-860.86**	**-860.86**	**-860.86**
	bound	-Inf	-Inf	-861.58	-861.58	-861.58	**-860.86**	**-860.86**	**-860.86**
	runtime	0.83	0.37	0.07	0.08	0.09	0.67	1.02	1.01
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
0105064	value	-415.18	-415.18	-505.82	-505.82	-505.82	**-505.88**	**-505.88**	**-505.88**
	bound	-Inf	-Inf	-506.69	-506.69	-506.69	**-505.88**	**-505.88**	**-505.88**
	runtime	0.32	0.15	0.06	0.05	0.05	0.49	0.70	1.15
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
0105146	value	-407.95	-407.95	-435.53	-435.53	-435.53	**-435.87**	**-435.87**	**-435.87**
	bound	-Inf	-Inf	-436.76	-436.76	-436.76	**-435.87**	**-435.87**	**-435.87**
	runtime	1.63	0.85	0.03	0.02	0.02	0.50	1.12	1.39
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
0105159	value	-408.82	-408.82	**-440.09**	**-440.09**	**-440.09**	**-440.09**	**-440.09**	**-440.09**
	bound	-Inf	-Inf	**-440.09**	**-440.09**	**-440.09**	**-440.09**	**-440.09**	**-440.09**
	runtime	0.34	0.14	0.02	0.02	0.02	0.02	0.13	0.14
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB
0105305	value	-817.60	-817.60	-862.48	-862.48	-862.48	**-863.89**	**-863.89**	**-863.89**
	bound	-Inf	-Inf	-865.47	-865.47	-865.47	**-863.89**	**-863.89**	**-863.89**
	runtime	2.37	1.40	0.42	0.37	0.38	2.98	3.12	3.03
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
1000061	value	-667.06	-667.06	-700.11	-700.11	-700.11	**-701.61**	**-701.61**	**-701.61**
	bound	-Inf	-Inf	-701.81	-701.81	-701.81	**-701.61**	**-701.61**	**-701.61**
	runtime	1.03	0.53	0.10	0.07	0.07	0.15	0.97	1.40
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
1000063	value	-678.05	-678.05	-730.40	-730.40	-730.40	**-730.74**	**-730.74**	**-730.74**
	bound	-Inf	-Inf	-730.86	-730.86	-730.86	**-730.74**	**-730.74**	**-730.74**
	runtime	1.52	0.86	0.11	0.10	0.10	0.38	0.51	0.58
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
1000097	value	-985.81	-985.81	**-1042.17**	**-1042.17**	**-1042.17**	**-1042.17**	**-1042.17**	**-1042.17**
	bound	-Inf	-Inf	**-1042.17**	**-1042.17**	**-1042.17**	**-1042.17**	**-1042.17**	**-1042.17**
	runtime	1.37	0.62	0.15	0.11	0.11	0.11	0.32	0.35
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB
1000105	value	-282.88	-282.88	-327.79	-327.79	-327.79	**-329.41**	**-329.41**	**-329.41**
	bound	-Inf	-Inf	-332.34	-332.34	-332.34	**-329.41**	**-329.41**	**-329.41**
	runtime	0.65	0.28	0.05	0.03	0.03	0.76	0.92	1.02
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
1000288	value	-470.34	-470.34	-518.16	-518.16	-518.16	**-519.21**	**-519.21**	**-519.21**
	bound	-Inf	-Inf	-519.37	-519.37	-519.37	**-519.21**	**-519.21**	**-519.21**
	runtime	0.35	0.15	0.02	0.01	0.02	0.07	0.28	0.28
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1000351	value	-602.42	-602.42	**-621.40**	**-621.40**	**-621.40**	**-621.40**	**-621.40**	**-621.40**
	bound	-Inf	-Inf	-621.60	-621.60	-621.60	**-621.40**	**-621.40**	**-621.40**
	runtime	0.32	0.14	0.01	0.01	0.01	0.24	0.22	0.22
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1000413	value	-658.33	-658.33	-706.64	-706.64	-707.24	**-709.28**	**-709.28**	**-709.28**
	bound	-Inf	-Inf	-712.95	-712.95	-712.91	**-709.28**	**-709.28**	**-709.28**
	runtime	0.84	0.44	0.17	0.11	0.13	1.20	1.16	1.06
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
1000505	value	-481.34	-481.34	-523.54	-523.54	-523.54	**-523.58**	**-523.58**	**-523.58**
	bound	-Inf	-Inf	-523.73	-523.73	-523.73	**-523.58**	**-523.58**	**-523.58**
	runtime	0.89	0.42	0.08	0.05	0.05	0.22	0.86	2.01
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1000580	value	-540.99	-540.99	-580.55	-580.55	-580.55	**-583.22**	**-583.22**	**-583.22**
	bound	-Inf	-Inf	-583.44	-583.44	-583.44	**-583.22**	**-583.22**	**-583.22**
	runtime	0.49	0.24	0.04	0.03	0.04	0.34	0.79	1.08
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
1000615	value	-718.64	-718.64	**-740.26**	**-740.26**	**-740.26**	**-740.26**	**-740.26**	**-740.26**
	bound	-Inf	-Inf	**-740.26**	**-740.26**	**-740.26**	**-740.26**	**-740.26**	**-740.26**
	runtime	0.83	0.40	0.07	0.06	0.06	0.06	0.18	0.31
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
1000731	value	-763.61	-763.61	-812.59	-812.59	-812.59	**-812.61**	**-812.61**	**-812.61**
	bound	-Inf	-Inf	-812.77	-812.77	-812.77	**-812.61**	**-812.61**	**-812.61**
	runtime	0.50	0.24	0.09	0.06	0.07	0.26	0.53	0.52
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
1000875	value	-526.27	-526.27	-564.08	-564.08	-564.08	**-564.52**	**-564.52**	**-564.52**
	bound	-Inf	-Inf	-564.64	-564.64	-564.64	**-564.52**	**-564.52**	**-564.52**
	runtime	0.93	0.44	0.13	0.08	0.08	0.16	0.66	0.86
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
1000882	value	-476.79	-476.79	-512.24	-512.24	-512.24	**-512.72**	**-512.72**	**-512.72**
	bound	-Inf	-Inf	-512.87	-512.87	-512.87	**-512.72**	**-512.72**	**-512.72**
	runtime	2.17	1.11	0.08	0.05	0.05	0.26	1.30	1.75
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
1000929	value	-499.14	-499.14	-559.98	-559.98	-559.40	**-560.45**	**-560.45**	**-560.45**
	bound	-Inf	-Inf	-560.55	-560.55	-560.55	**-560.45**	**-560.45**	**-560.45**
	runtime	1.67	0.83	0.05	0.04	0.05	0.26	0.55	0.43
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
1000947	value	-711.55	-711.55	-767.43	-767.43	-767.43	**-768.26**	**-768.26**	**-768.26**
	bound	-Inf	-Inf	-769.89	-769.89	-769.89	**-768.26**	**-768.26**	**-768.26**
	runtime	0.61	0.28	0.05	0.03	0.03	0.54	0.74	0.83
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
1000993	value	-1075.16	-1075.16	-1106.80	-1106.80	-1106.80	**-1107.17**	**-1107.17**	**-1107.17**
	bound	-Inf	-Inf	-1107.26	-1107.26	-1107.26	**-1107.17**	**-1107.17**	**-1107.17**
	runtime	0.72	0.34	0.04	0.03	0.03	0.12	0.46	0.67
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
1001184	value	-361.23	-361.23	-392.28	-392.28	-392.28	**-396.45**	**-396.45**	**-396.45**
	bound	-Inf	-Inf	-396.78	-396.78	-396.78	**-396.45**	**-396.45**	**-396.45**
	runtime	0.18	0.07	0.05	0.03	0.03	0.17	0.70	0.79
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.03 GB
1001195	value	-355.05	-355.05	-384.53	-384.53	-384.53	**-388.02**	**-388.02**	**-388.02**
	bound	-Inf	-Inf	-388.67	-388.67	-388.59	**-388.02**	**-388.02**	**-388.02**
	runtime	0.20	0.09	0.07	0.06	0.06	0.13	0.37	0.71
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
1001252	value	-497.29	-497.29	**-537.68**	**-537.68**	**-537.68**	**-537.68**	**-537.68**	**-537.68**
	bound	-Inf	-Inf	-537.74	-537.74	-537.74	**-537.68**	**-537.68**	**-537.68**
	runtime	0.19	0.09	0.02	0.02	0.02	0.06	0.27	0.48
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1001685	value	-757.09	-757.09	-799.52	-799.52	-799.52	**-800.07**	**-800.07**	**-800.07**
	bound	-Inf	-Inf	-800.24	-800.24	-800.20	**-800.07**	**-800.07**	**-800.07**
	runtime	1.25	0.60	0.06	0.05	0.06	0.29	0.95	0.79
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
1001688	value	-455.87	-455.87	-492.93	-492.93	-492.93	**-492.93**	**-492.93**	**-492.93**
	bound	-Inf	-Inf	-493.08	-493.08	-493.08	**-492.93**	**-492.93**	**-492.93**
	runtime	0.38	0.16	0.06	0.04	0.04	0.12	0.40	0.49
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1001770	value	-714.28	-714.28	-747.13	-747.13	-747.13	**-748.84**	**-748.84**	**-748.84**
	bound	-Inf	-Inf	-760.55	-760.55	-760.55	**-748.84**	**-748.84**	**-748.84**
	runtime	0.87	0.44	0.11	0.11	0.12	8.49	11.71	9.39
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
1001794	value	-320.52	-320.52	-356.46	-356.46	-356.46	**-358.38**	**-358.38**	**-358.38**
	bound	-Inf	-Inf	-359.60	-359.60	-359.56	**-358.38**	**-358.38**	**-358.38**
	runtime	1.28	0.60	0.05	0.04	0.05	0.81	0.91	1.36
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
1001875	value	-431.54	-431.54	-454.11	-454.11	-454.11	**-455.59**	**-455.59**	**-455.59**
	bound	-Inf	-Inf	-456.76	-456.76	-456.76	**-455.59**	**-455.59**	**-455.59**
	runtime	0.14	0.05	0.04	0.05	0.05	0.44	1.16	1.43
	memory (GB)	0.00 GB	0.00 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
1001944	value	-1169.88	-1169.88	-1175.01	-1175.01	-1175.01	**-1181.16**	**-1181.16**	**-1181.16**
	bound	-Inf	-Inf	-1183.32	-1183.32	-1183.32	**-1181.16**	**-1181.16**	**-1181.16**
	runtime	4.00	2.82	1.97	1.09	1.10	10.17	6.63	7.35
	memory (GB)	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.06 GB	0.06 GB
1100001	value	-767.85	-767.85	-809.97	-809.97	-809.97	**-811.64**	**-811.64**	**-811.64**
	bound	-Inf	-Inf	-812.09	-812.09	-812.09	**-811.64**	**-811.64**	**-811.64**
	runtime	1.09	0.51	0.05	0.07	0.07	0.26	0.62	0.84
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1100002	value	-744.67	-744.67	-768.10	-768.10	-768.10	**-769.16**	**-769.16**	**-769.16**
	bound	-Inf	-Inf	-770.90	-770.90	-770.90	**-769.16**	**-769.16**	**-769.16**
	runtime	0.23	0.10	0.06	0.07	0.07	0.19	0.25	0.34
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
1100003	value	-383.31	-383.31	**-399.92**	**-399.92**	**-399.92**	**-399.92**	**-399.92**	**-399.92**
	bound	-Inf	-Inf	**-399.92**	**-399.92**	**-399.92**	**-399.92**	**-399.92**	**-399.92**
	runtime	0.38	0.16	0.01	0.01	0.01	0.01	0.08	0.10
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
1100004	value	-727.80	-727.80	-744.26	-744.26	-744.26	**-746.83**	**-746.83**	**-746.83**
	bound	-Inf	-Inf	-747.55	-747.55	-747.55	**-746.83**	**-746.83**	**-746.83**
	runtime	0.30	0.13	0.05	0.04	0.04	1.62	1.74	1.90
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
1100005	value	-560.23	-560.23	-602.80	-602.80	-602.80	**-603.36**	**-603.36**	**-603.36**
	bound	-Inf	-Inf	-603.71	-603.71	-603.71	**-603.36**	**-603.36**	**-603.36**
	runtime	0.43	0.21	0.02	0.02	0.02	0.12	0.22	0.19
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1100006	value	-473.42	-473.42	**-522.60**	**-522.60**	**-522.60**	**-522.60**	**-522.60**	**-522.60**
	bound	-Inf	-Inf	-523.85	-523.85	-523.85	**-522.60**	**-522.60**	**-522.60**
	runtime	0.39	0.17	0.02	0.01	0.02	0.04	0.09	0.12
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
1100007	value	-1068.05	-1068.05	**-1106.31**	**-1106.31**	**-1106.31**	**-1106.31**	**-1106.31**	**-1106.31**
	bound	-Inf	-Inf	**-1106.31**	**-1106.31**	**-1106.31**	**-1106.31**	**-1106.31**	**-1106.31**
	runtime	0.78	0.34	0.07	0.09	0.10	0.09	0.24	0.34
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
1100008	value	-335.92	-335.92	**-389.13**	**-389.13**	**-389.13**	**-389.13**	**-389.13**	**-389.13**
	bound	-Inf	-Inf	**-389.13**	**-389.13**	**-389.13**	**-389.13**	**-389.13**	**-389.13**
	runtime	0.12	0.05	0.02	0.01	0.01	0.01	0.08	0.09
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
1100009	value	-409.63	-409.63	-444.97	-444.97	-444.97	**-446.74**	**-446.74**	**-446.74**
	bound	-Inf	-Inf	-447.28	-447.28	-447.28	**-446.74**	**-446.74**	**-446.74**
	runtime	0.08	0.03	0.02	0.01	0.01	0.05	0.19	0.21
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
1100011	value	-465.92	-465.92	-502.73	-502.73	-503.03	**-506.76**	**-506.76**	**-506.76**
	bound	-Inf	-Inf	-507.72	-507.72	-507.70	**-506.76**	**-506.76**	**-506.76**
	runtime	0.12	0.05	0.03	0.03	0.04	0.32	0.83	0.77
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.03 GB
1100013	value	-890.83	-890.83	-923.99	-923.99	-923.99	**-925.74**	**-925.74**	**-925.74**
	bound	-Inf	-Inf	-926.54	-926.54	-926.54	**-925.74**	**-925.74**	**-925.74**
	runtime	0.74	0.34	0.06	0.04	0.05	0.25	0.57	0.58
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
1100014	value	-698.53	-698.53	**-706.65**	**-706.65**	**-706.65**	**-706.65**	**-706.65**	**-706.65**
	bound	-Inf	-Inf	**-706.65**	**-706.65**	**-706.65**	**-706.65**	**-706.65**	**-706.65**
	runtime	0.21	0.10	0.02	0.02	0.02	0.02	0.10	0.17
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB
1100015	value	-348.99	-348.99	-355.50	-355.50	-355.50	**-355.62**	**-355.62**	**-355.62**
	bound	-Inf	-Inf	-355.68	-355.68	-355.68	**-355.62**	**-355.62**	**-355.62**
	runtime	0.25	0.11	0.01	0.01	0.01	0.06	0.13	0.23
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1100016	value	-551.49	-551.49	**-583.74**	**-583.74**	**-583.74**	**-583.74**	**-583.74**	**-583.74**
	bound	-Inf	-Inf	**-583.74**	**-583.74**	**-583.74**	**-583.74**	**-583.74**	**-583.74**
	runtime	0.24	0.11	0.07	0.05	0.05	0.05	0.27	0.23
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
1100017	value	-568.54	-568.54	-589.77	-589.77	-589.77	**-590.31**	**-590.31**	**-590.31**
	bound	-Inf	-Inf	-590.32	-590.32	-590.32	**-590.31**	**-590.31**	**-590.31**
	runtime	0.53	0.24	0.05	0.05	0.05	0.08	0.23	0.29
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB
1100023	value	-438.71	-438.71	-510.03	-510.03	-510.03	**-512.75**	**-512.75**	**-512.75**
	bound	-Inf	-Inf	-513.69	-513.69	-513.69	**-512.75**	-512.83	**-512.75**
	runtime	0.41	0.16	0.03	0.02	0.02	0.19	0.49	0.45
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1100025	value	-510.93	-510.93	-552.33	-552.33	-552.33	**-554.01**	**-554.01**	**-554.01**
	bound	-Inf	-Inf	-554.52	-554.52	-554.52	**-554.01**	**-554.01**	**-554.01**
	runtime	2.12	0.96	0.12	0.10	0.10	0.45	0.92	0.85
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
1100027	value	-545.96	-545.96	-585.28	-585.28	-585.28	**-587.63**	**-587.63**	**-587.63**
	bound	-Inf	-Inf	-588.00	-588.00	-588.00	**-587.63**	**-587.63**	**-587.63**
	runtime	0.50	0.21	0.04	0.03	0.04	0.19	0.43	0.34
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
1100029	value	-360.31	-360.31	-394.87	-394.87	-395.25	**-398.67**	**-398.67**	**-398.67**
	bound	-Inf	-Inf	-400.08	-400.08	-400.05	**-398.67**	**-398.67**	**-398.67**
	runtime	0.43	0.18	0.03	0.01	0.02	0.71	1.49	1.52
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1100030	value	-331.17	-331.17	-358.76	-358.76	-358.76	**-359.72**	**-359.72**	**-359.72**
	bound	-Inf	-Inf	-360.62	-360.62	-360.62	**-359.72**	**-359.72**	**-359.72**
	runtime	0.72	0.33	0.04	0.03	0.03	0.84	1.34	1.31
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
1100031	value	-554.58	-554.58	-558.74	-558.74	-558.74	**-578.89**	**-578.89**	**-578.89**
	bound	-Inf	-Inf	-581.48	-581.48	-581.48	**-578.89**	**-578.89**	**-578.89**
	runtime	2.37	1.09	0.21	0.14	0.14	1.85	3.06	2.66
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
2000001	value	-540.42	-540.42	-602.95	-602.95	-602.95	**-604.68**	**-604.68**	**-604.68**
	bound	-Inf	-Inf	-605.91	-605.91	-605.91	**-604.68**	**-604.68**	**-604.68**
	runtime	2.78	1.54	0.30	0.24	0.25	1.76	2.58	2.96
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
2000002	value	-449.81	-449.81	-475.55	-475.55	-475.55	**-478.84**	**-478.84**	**-478.84**
	bound	-Inf	-Inf	-479.46	-479.46	-479.46	**-478.84**	**-478.84**	**-478.84**
	runtime	1.07	0.52	0.05	0.03	0.03	0.17	0.61	0.99
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
2000003	value	-531.57	-531.57	-581.42	-581.42	-581.42	**-583.35**	**-583.35**	**-583.35**
	bound	-Inf	-Inf	-584.92	-584.92	-584.92	**-583.35**	**-583.35**	**-583.35**
	runtime	3.98	2.06	0.17	0.09	0.11	0.79	2.22	2.27
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
2000004	value	-582.17	-582.17	**-600.95**	**-600.95**	**-600.95**	**-600.95**	**-600.95**	**-600.95**
	bound	-Inf	-Inf	-601.04	-601.04	-601.04	**-600.95**	**-600.95**	**-600.95**
	runtime	0.68	0.30	0.06	0.03	0.03	0.12	0.54	0.30
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
2000008	value	-363.59	-363.59	-413.93	-413.93	-413.93	**-417.37**	**-417.37**	**-417.37**
	bound	-Inf	-Inf	-419.11	-419.11	-419.11	**-417.37**	**-417.37**	**-417.37**
	runtime	1.67	0.79	0.10	0.06	0.07	0.84	1.10	1.36
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
2000012	value	-498.93	-498.93	-540.26	-540.26	-540.26	**-542.95**	**-542.95**	**-542.95**
	bound	-Inf	-Inf	-544.38	-544.38	-544.38	**-542.95**	**-542.95**	**-542.95**
	runtime	0.83	0.39	0.04	0.03	0.03	0.46	0.93	0.97
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
2000019	value	-558.86	-558.86	-594.43	-594.43	-594.43	**-595.88**	**-595.88**	**-595.88**
	bound	-Inf	-Inf	-596.80	-596.80	-596.80	**-595.88**	**-595.88**	**-595.88**
	runtime	0.82	0.37	0.04	0.03	0.03	0.13	0.32	0.23
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
2000022	value	-457.52	-457.52	**-479.71**	**-479.71**	**-479.71**	**-479.71**	**-479.71**	**-479.71**
	bound	-Inf	-Inf	**-479.71**	**-479.71**	**-479.71**	**-479.71**	**-479.71**	**-479.71**
	runtime	0.55	0.24	0.02	0.01	0.01	0.01	0.14	0.17
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
2000023	value	-418.58	-418.58	**-446.82**	**-446.82**	**-446.82**	**-446.82**	**-446.82**	**-446.82**
	bound	-Inf	-Inf	**-446.82**	**-446.82**	**-446.82**	**-446.82**	**-446.82**	**-446.82**
	runtime	0.40	0.17	0.02	0.01	0.02	0.01	0.09	0.21
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB
2000025	value	-519.53	-519.53	-571.63	-571.63	-571.63	**-575.43**	**-575.43**	**-575.43**
	bound	-Inf	-Inf	-575.90	-575.90	-575.90	**-575.43**	**-575.43**	**-575.43**
	runtime	0.82	0.37	0.15	0.09	0.09	0.40	0.48	0.72
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
2000028	value	-696.35	-696.35	-735.63	-735.63	-735.63	**-736.84**	**-736.84**	**-736.84**
	bound	-Inf	-Inf	-738.35	-738.35	-738.35	**-736.84**	**-736.84**	**-736.84**
	runtime	2.39	1.22	0.15	0.05	0.05	0.35	0.75	1.01
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
2000030	value	-789.00	-789.00	-828.80	-828.80	-828.80	**-830.02**	**-830.02**	**-830.02**
	bound	-Inf	-Inf	-830.07	-830.07	-830.07	**-830.02**	**-830.02**	**-830.02**
	runtime	0.93	0.40	0.12	0.10	0.10	0.31	0.77	0.65
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
2000031	value	-423.92	-423.92	**-449.58**	**-449.58**	**-449.58**	**-449.58**	**-449.58**	**-449.58**
	bound	-Inf	-Inf	**-449.58**	**-449.58**	**-449.58**	**-449.58**	**-449.58**	**-449.58**
	runtime	0.20	0.09	0.02	0.02	0.02	0.02	0.12	0.12
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
2000032	value	-798.73	-798.73	-830.84	-830.84	-830.84	**-831.59**	**-831.59**	**-831.59**
	bound	-Inf	-Inf	-831.70	-831.70	-831.70	**-831.59**	**-831.59**	**-831.59**
	runtime	1.70	0.87	0.12	0.08	0.08	0.44	1.12	1.03
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
2000033	value	-657.78	-657.78	-681.63	-681.63	-681.63	**-681.71**	**-681.71**	**-681.71**
	bound	-Inf	-Inf	-682.51	-682.51	-682.51	**-681.71**	**-681.71**	**-681.71**
	runtime	0.62	0.29	0.04	0.03	0.03	2.72	3.41	3.28
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
2000034	value	-582.15	-582.15	-611.14	-611.14	-611.14	**-616.42**	**-616.42**	**-616.42**
	bound	-Inf	-Inf	-617.88	-617.88	-617.88	**-616.42**	**-616.42**	**-616.42**
	runtime	1.14	0.62	0.12	0.08	0.08	0.39	2.11	1.62
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
2000035	value	-419.24	-419.24	-470.41	-470.41	-470.41	**-471.49**	**-471.49**	**-471.49**
	bound	-Inf	-Inf	-471.61	-471.61	-471.61	**-471.49**	**-471.49**	**-471.49**
	runtime	0.76	0.34	0.07	0.06	0.05	0.11	0.52	0.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
2000036	value	-552.68	-552.68	-606.13	-606.13	-606.13	**-606.24**	**-606.24**	**-606.24**
	bound	-Inf	-Inf	-606.52	-606.52	-606.52	**-606.24**	**-606.24**	**-606.24**
	runtime	0.59	0.27	0.07	0.04	0.03	0.56	0.66	0.88
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
2000037	value	-446.66	-446.66	-518.06	-518.06	-518.06	**-520.69**	**-520.69**	**-520.69**
	bound	-Inf	-Inf	-523.84	-523.84	-523.84	**-520.69**	**-520.69**	**-520.69**
	runtime	0.67	0.32	0.04	0.05	0.05	0.64	0.45	1.32
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
2000039	value	-429.93	-429.93	**-443.27**	**-443.27**	**-443.27**	**-443.27**	**-443.27**	**-443.27**
	bound	-Inf	-Inf	-444.01	-444.01	-444.01	**-443.27**	**-443.27**	**-443.27**
	runtime	0.48	0.20	0.05	0.04	0.04	0.12	0.19	0.40
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
2000041	value	-413.89	-413.89	**-474.44**	**-474.44**	**-474.44**	**-474.44**	**-474.44**	**-474.44**
	bound	-Inf	-Inf	**-474.44**	**-474.44**	**-474.44**	**-474.44**	**-474.44**	**-474.44**
	runtime	0.88	0.47	0.04	0.02	0.02	0.02	0.17	0.20
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
2000042	value	-422.75	-422.75	-485.30	-485.30	-485.30	**-487.16**	**-487.16**	**-487.16**
	bound	-Inf	-Inf	-487.43	-487.43	-487.43	**-487.16**	**-487.16**	**-487.16**
	runtime	0.24	0.10	0.02	0.02	0.02	0.17	0.29	0.25
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
2000043	value	-654.20	-654.20	-742.99	-742.99	-742.99	**-744.71**	**-744.71**	**-744.71**
	bound	-Inf	-Inf	-745.66	-745.66	-745.66	**-744.71**	**-744.71**	**-744.71**
	runtime	1.74	0.86	0.24	0.14	0.14	0.87	2.11	1.24
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
2000044	value	-151.53	-151.53	**-201.61**	**-201.61**	**-201.61**	**-201.61**	**-201.61**	**-201.61**
	bound	-Inf	-Inf	-202.10	-202.10	-202.10	**-201.61**	**-201.61**	**-201.61**
	runtime	0.09	0.04	0.01	0.01	0.01	0.02	0.04	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
3000072	value	-525.22	-525.22	-557.97	-557.97	-557.97	**-559.14**	**-559.14**	**-559.14**
	bound	-Inf	-Inf	-559.25	-559.25	-559.25	**-559.14**	**-559.14**	**-559.14**
	runtime	2.08	1.08	0.56	0.35	0.35	0.55	2.73	2.24
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
3000076	value	-724.37	-724.37	-747.79	-747.79	-747.79	**-748.34**	**-748.34**	**-748.34**
	bound	-Inf	-Inf	-748.50	-748.50	-748.50	**-748.34**	**-748.34**	**-748.34**
	runtime	1.39	0.62	0.08	0.04	0.05	0.12	0.54	0.47
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3000099	value	-1101.57	-1101.57	-1140.26	-1140.26	-1140.26	**-1142.36**	**-1142.36**	**-1142.36**
	bound	-Inf	-Inf	-1144.15	-1144.15	-1144.15	**-1142.36**	**-1142.36**	**-1142.36**
	runtime	3.70	1.81	0.50	0.51	0.52	2.27	6.13	2.79
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.07 GB	0.05 GB
3000119	value	-853.17	-853.17	-922.20	-922.20	-922.20	**-923.74**	**-923.74**	**-923.74**
	bound	-Inf	-Inf	-924.84	-924.84	-924.84	**-923.74**	**-923.74**	**-923.74**
	runtime	0.45	0.20	0.12	0.11	0.11	1.35	1.60	1.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
3000148	value	-463.93	-463.93	**-540.37**	**-540.37**	**-540.37**	**-540.37**	**-540.37**	**-540.37**
	bound	-Inf	-Inf	-540.43	-540.43	-540.43	**-540.37**	**-540.37**	**-540.37**
	runtime	0.82	0.37	0.06	0.05	0.05	0.16	0.51	0.56
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3000299	value	-1010.90	-1010.90	**-1026.80**	**-1026.80**	**-1026.80**	**-1026.80**	**-1026.80**	**-1026.80**
	bound	-Inf	-Inf	-1027.23	-1027.23	-1027.23	**-1026.80**	**-1026.80**	**-1026.80**
	runtime	1.58	0.76	0.09	0.07	0.07	0.28	0.32	0.34
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
3000323	value	-732.36	-732.36	-760.96	-760.96	-760.96	**-761.28**	**-761.28**	**-761.28**
	bound	-Inf	-Inf	-761.32	-761.32	-761.32	**-761.28**	**-761.28**	**-761.28**
	runtime	0.77	0.36	0.05	0.04	0.04	0.09	0.20	0.19
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3000454	value	-904.73	-904.73	-944.93	-944.93	-944.93	**-947.27**	**-947.27**	**-947.27**
	bound	-Inf	-Inf	-949.62	-949.62	-949.62	**-947.27**	**-947.27**	**-947.27**
	runtime	6.80	3.46	1.13	0.78	0.77	1.41	3.53	2.29
	memory (GB)	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.07 GB	0.05 GB
3000469	value	-347.73	-347.73	-363.81	-363.81	-363.81	**-364.14**	**-364.14**	**-364.14**
	bound	-Inf	-Inf	-364.32	-364.32	-364.32	**-364.14**	**-364.14**	**-364.14**
	runtime	0.22	0.10	0.02	0.02	0.02	0.05	0.14	0.09
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
3000676	value	-818.96	-818.96	**-844.60**	**-844.60**	**-844.60**	**-844.60**	**-844.60**	**-844.60**
	bound	-Inf	-Inf	**-844.60**	**-844.60**	**-844.60**	**-844.60**	**-844.60**	**-844.60**
	runtime	0.20	0.09	0.01	0.00	0.00	0.01	0.05	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
3000716	value	-1210.80	-1210.80	**-1226.32**	**-1226.32**	**-1226.32**	**-1226.32**	**-1226.32**	**-1226.32**
	bound	-Inf	-Inf	**-1226.32**	**-1226.32**	**-1226.32**	**-1226.32**	**-1226.32**	**-1226.32**
	runtime	7.09	4.66	0.40	0.30	0.30	0.31	0.76	0.76
	memory (GB)	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.04 GB	0.04 GB
3000759	value	-943.22	-943.22	-963.57	-963.57	-963.57	**-964.29**	**-964.29**	**-964.29**
	bound	-Inf	-Inf	-964.32	-964.32	-964.32	**-964.29**	**-964.29**	**-964.29**
	runtime	2.04	0.91	0.13	0.08	0.08	0.22	0.41	0.63
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.06 GB	0.06 GB
3000945	value	-168.91	-168.91	-260.19	-260.19	-260.19	**-260.66**	**-260.66**	**-260.66**
	bound	-Inf	-Inf	-260.77	-260.77	-260.77	**-260.66**	**-260.66**	**-260.66**
	runtime	0.15	0.07	0.02	0.01	0.01	0.04	0.15	0.13
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
3001004	value	-940.40	-940.40	-960.64	-960.64	-960.64	**-961.30**	**-961.30**	**-961.30**
	bound	-Inf	-Inf	-961.69	-961.69	-961.69	**-961.30**	**-961.30**	**-961.30**
	runtime	8.32	4.15	0.46	0.36	0.37	1.29	2.48	1.92
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.07 GB	0.06 GB
3001018	value	-690.14	-690.14	-718.93	-718.93	-718.93	**-719.82**	**-719.82**	**-719.82**
	bound	-Inf	-Inf	-720.25	-720.25	-720.25	**-719.82**	**-719.82**	**-719.82**
	runtime	5.03	2.77	0.15	0.13	0.13	0.49	1.27	1.52
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.06 GB	0.05 GB
3001061	value	-674.06	-674.06	-746.12	-746.12	-746.12	**-749.58**	**-749.58**	**-749.58**
	bound	-Inf	-Inf	-751.37	-751.37	-751.37	**-749.58**	**-749.58**	**-749.58**
	runtime	1.23	0.61	0.10	0.07	0.08	2.12	3.38	3.07
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
3001131	value	-524.01	-524.01	-555.88	-555.88	-556.19	**-560.81**	**-560.81**	**-560.81**
	bound	-Inf	-Inf	-561.67	-561.67	-561.65	**-560.81**	**-560.81**	**-560.81**
	runtime	1.05	0.49	0.05	0.03	0.04	0.43	0.67	0.79
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
3001230	value	-604.93	-604.93	-717.69	-717.69	-717.69	**-720.79**	**-720.79**	**-720.79**
	bound	-Inf	-Inf	-721.72	-721.72	-721.72	**-720.79**	**-720.79**	**-720.79**
	runtime	0.80	0.42	0.08	0.05	0.04	0.27	0.55	0.91
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
3001319	value	-778.83	-778.83	-820.86	-820.86	-820.86	**-821.25**	**-821.25**	**-821.25**
	bound	-Inf	-Inf	-821.92	-821.92	-821.92	**-821.25**	**-821.25**	**-821.25**
	runtime	0.87	0.38	0.06	0.06	0.06	0.40	0.63	0.64
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
3001336	value	-367.89	-367.89	-404.43	-404.43	-404.43	**-404.56**	**-404.56**	**-404.56**
	bound	-Inf	-Inf	-404.75	-404.75	-404.75	**-404.56**	**-404.56**	**-404.56**
	runtime	0.55	0.27	0.02	0.02	0.02	0.08	0.16	0.31
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3001421	value	-595.35	-595.35	-638.22	-638.22	-638.22	**-638.57**	**-638.57**	**-638.57**
	bound	-Inf	-Inf	-639.05	-639.05	-639.05	**-638.57**	**-638.57**	**-638.57**
	runtime	0.30	0.12	0.06	0.05	0.05	0.51	0.91	1.16
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3001460	value	-834.61	-834.61	-915.53	-915.53	-915.53	**-917.00**	**-917.00**	**-917.00**
	bound	-Inf	-Inf	-918.79	-918.79	-918.79	**-917.00**	**-917.00**	**-917.00**
	runtime	2.17	1.16	0.10	0.08	0.08	0.25	0.48	0.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
3001555	value	-398.03	-398.03	-454.88	-454.88	-454.88	**-454.99**	**-454.99**	**-454.99**
	bound	-Inf	-Inf	-455.50	-455.50	-455.50	**-454.99**	**-454.99**	**-454.99**
	runtime	0.25	0.11	0.04	0.02	0.03	0.27	0.54	0.41
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3001569	value	-466.65	-466.65	**-487.53**	**-487.53**	**-487.53**	**-487.53**	**-487.53**	**-487.53**
	bound	-Inf	-Inf	-487.65	-487.65	-487.65	**-487.53**	**-487.53**	**-487.53**
	runtime	0.12	0.05	0.01	0.01	0.01	0.04	0.14	0.18
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
3001667	value	-409.27	-409.27	-456.05	-456.05	-456.05	**-456.57**	**-456.57**	**-456.57**
	bound	-Inf	-Inf	-456.64	-456.64	-456.64	**-456.57**	**-456.57**	**-456.57**
	runtime	10.01	5.05	0.40	0.28	0.28	0.79	1.09	1.51
	memory (GB)	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.05 GB	0.06 GB
3001751	value	-378.38	-378.38	-433.74	-433.74	-433.74	**-434.01**	**-434.01**	**-434.01**
	bound	-Inf	-Inf	-434.51	-434.51	-434.51	**-434.01**	**-434.01**	**-434.01**
	runtime	0.22	0.10	0.02	0.01	0.01	0.19	0.24	0.18
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
3001767	value	-994.73	-994.73	-1024.97	-1024.97	-1024.97	**-1026.92**	**-1026.92**	**-1026.92**
	bound	-Inf	-Inf	-1027.94	-1027.94	-1027.94	**-1026.92**	**-1026.92**	**-1026.92**
	runtime	2.15	1.24	0.17	0.13	0.14	1.89	3.07	3.09
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
3001826	value	-855.57	-855.57	-871.30	-871.30	-871.30	**-872.01**	**-872.01**	**-872.01**
	bound	-Inf	-Inf	-872.53	-872.53	-872.53	**-872.01**	**-872.01**	**-872.01**
	runtime	6.94	4.11	0.96	0.68	0.70	1.40	2.44	2.43
	memory (GB)	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.07 GB	0.07 GB
3001891	value	-1073.36	-1073.36	-1089.62	-1089.62	-1089.62	**-1089.86**	**-1089.86**	**-1089.86**
	bound	-Inf	-Inf	-1090.47	-1090.47	-1090.47	**-1089.86**	**-1089.86**	**-1089.86**
	runtime	2.26	1.10	0.35	0.24	0.25	0.77	2.94	2.97
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.06 GB	0.06 GB
3001976	value	-374.59	-374.59	**-419.45**	**-419.45**	**-419.45**	**-419.45**	**-419.45**	**-419.45**
	bound	-Inf	-Inf	-419.54	-419.54	-419.54	**-419.45**	**-419.45**	**-419.45**
	runtime	2.95	1.69	0.08	0.07	0.07	0.19	0.31	0.36
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
3002020	value	-447.20	-447.20	**-474.49**	**-474.49**	**-474.49**	**-474.49**	**-474.49**	**-474.49**
	bound	-Inf	-Inf	-474.82	-474.82	-474.82	**-474.49**	**-474.49**	**-474.49**
	runtime	0.26	0.12	0.01	0.01	0.01	0.13	0.16	0.15
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3002059	value	-747.80	-747.80	-801.57	-801.57	-801.57	**-804.24**	**-804.24**	**-804.24**
	bound	-Inf	-Inf	-806.15	-806.15	-806.15	**-804.24**	**-804.24**	**-804.24**
	runtime	4.14	2.09	0.17	0.13	0.13	2.69	4.03	3.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
3002082	value	-756.10	-756.10	-814.85	-814.85	-814.85	**-817.82**	**-817.82**	**-817.82**
	bound	-Inf	-Inf	-823.24	-823.24	-823.24	**-817.82**	**-817.82**	**-817.82**
	runtime	1.98	0.93	0.10	0.12	0.13	2.60	3.55	2.87
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.07 GB	0.06 GB
3002154	value	-800.33	-800.33	-895.49	-895.49	-895.49	**-896.31**	**-896.31**	**-896.31**
	bound	-Inf	-Inf	-896.62	-896.62	-896.62	**-896.31**	**-896.31**	**-896.31**
	runtime	0.88	0.43	0.03	0.05	0.05	0.50	0.39	0.69
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
3002206	value	-623.00	-623.00	-656.57	-656.57	-656.57	**-656.84**	**-656.84**	**-656.84**
	bound	-Inf	-Inf	-657.12	-657.12	-657.12	**-656.84**	**-656.84**	**-656.84**
	runtime	1.01	0.45	0.08	0.06	0.06	0.66	0.94	0.90
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
3002221	value	-403.27	-403.27	**-448.94**	**-448.94**	**-448.94**	**-448.94**	**-448.94**	**-448.94**
	bound	-Inf	-Inf	**-448.94**	**-448.94**	**-448.94**	**-448.94**	**-448.94**	**-448.94**
	runtime	2.56	1.43	0.18	0.14	0.14	0.15	0.41	0.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
3002340	value	-738.77	-738.77	-788.48	-788.48	-788.48	**-793.45**	**-793.45**	**-793.45**
	bound	-Inf	-Inf	-794.07	-794.07	-794.07	**-793.45**	**-793.45**	**-793.45**
	runtime	4.12	2.21	0.90	0.52	0.52	1.04	1.14	1.46
	memory (GB)	0.01 GB	0.02 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB	0.04 GB
3002366	value	-321.02	-321.02	**-371.45**	**-371.45**	**-371.45**	**-371.45**	**-371.45**	**-371.45**
	bound	-Inf	-Inf	**-371.45**	**-371.45**	**-371.45**	**-371.45**	**-371.45**	**-371.45**
	runtime	0.18	0.09	0.02	0.01	0.01	0.01	0.09	0.10
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
3002411	value	-264.83	-264.83	**-293.43**	**-293.43**	**-293.43**	**-293.43**	**-293.43**	**-293.43**
	bound	-Inf	-Inf	**-293.43**	**-293.43**	**-293.43**	**-293.43**	**-293.43**	**-293.43**
	runtime	1.26	0.63	0.08	0.06	0.06	0.06	0.27	0.38
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
3002594	value	-505.09	-505.09	**-530.68**	**-530.68**	**-530.68**	**-530.68**	**-530.68**	**-530.68**
	bound	-Inf	-Inf	**-530.68**	**-530.68**	**-530.68**	**-530.68**	**-530.68**	**-530.68**
	runtime	0.47	0.22	0.04	0.02	0.02	0.02	0.23	0.28
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
3002905	value	-351.60	-351.60	-398.85	-398.85	-398.85	**-400.03**	**-400.03**	**-400.03**
	bound	-Inf	-Inf	-401.24	-401.24	-401.24	**-400.03**	**-400.03**	**-400.03**
	runtime	1.81	0.85	0.05	0.04	0.04	0.11	0.70	0.59
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3002909	value	-524.78	-524.78	-541.74	-541.74	-541.74	**-542.51**	**-542.51**	**-542.51**
	bound	-Inf	-Inf	-542.56	-542.56	-542.56	**-542.51**	**-542.51**	**-542.51**
	runtime	0.32	0.14	0.07	0.06	0.05	0.11	0.36	0.43
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3003122	value	-453.24	-453.24	-515.09	-515.09	-515.09	**-515.95**	**-515.95**	**-515.95**
	bound	-Inf	-Inf	-516.92	-516.92	-516.92	**-515.95**	**-515.95**	**-515.95**
	runtime	0.41	0.18	0.04	0.03	0.03	0.43	1.38	1.05
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3003322	value	-720.51	-720.51	-829.72	-829.72	-829.72	**-830.27**	**-830.27**	**-830.27**
	bound	-Inf	-Inf	-830.66	-830.66	-830.66	**-830.27**	**-830.27**	**-830.27**
	runtime	0.20	0.08	0.04	0.04	0.04	0.19	0.36	0.35
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3003328	value	-532.90	-532.90	-558.23	-558.23	-558.23	**-562.14**	**-562.14**	**-562.14**
	bound	-Inf	-Inf	-563.94	-563.94	-563.94	**-562.14**	**-562.14**	**-562.14**
	runtime	0.42	0.19	0.04	0.03	0.03	0.22	0.69	0.57
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
3003356	value	-569.12	-569.12	-633.97	-633.97	-633.97	**-634.40**	**-634.40**	**-634.40**
	bound	-Inf	-Inf	-635.28	-635.28	-635.28	**-634.40**	**-634.40**	**-634.40**
	runtime	0.74	0.42	0.06	0.03	0.03	7.31	7.10	8.24
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
3003448	value	-554.08	-554.08	-599.24	-599.24	-599.24	**-602.34**	**-602.34**	**-602.34**
	bound	-Inf	-Inf	-602.61	-602.61	-602.61	**-602.34**	**-602.34**	**-602.34**
	runtime	0.32	0.14	0.04	0.04	0.04	0.12	0.36	0.33
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
3003731	value	-861.65	-861.65	**-899.25**	**-899.25**	**-899.25**	**-899.25**	**-899.25**	**-899.25**
	bound	-Inf	-Inf	**-899.25**	**-899.25**	**-899.25**	**-899.25**	**-899.25**	**-899.25**
	runtime	8.99	4.71	1.59	0.86	0.84	0.85	3.45	2.92
	memory (GB)	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.05 GB
3003791	value	-408.93	-408.93	**-417.22**	**-417.22**	**-417.22**	**-417.22**	**-417.22**	**-417.22**
	bound	-Inf	-Inf	**-417.22**	**-417.22**	**-417.22**	**-417.22**	**-417.22**	**-417.22**
	runtime	0.23	0.10	0.02	0.02	0.02	0.02	0.10	0.12
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB
3003817	value	-451.33	-451.33	-513.57	-513.57	-513.57	**-515.94**	**-515.94**	**-515.94**
	bound	-Inf	-Inf	-516.52	-516.52	-516.52	**-515.94**	**-515.94**	**-515.94**
	runtime	1.21	0.63	0.05	0.04	0.04	0.28	0.46	1.08
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
4000066	value	-369.42	-369.42	-448.67	-448.67	-448.67	**-449.66**	**-449.66**	**-449.66**
	bound	-Inf	-Inf	-449.76	-449.76	-449.76	**-449.66**	**-449.66**	**-449.66**
	runtime	0.20	0.08	0.02	0.01	0.02	0.24	0.41	0.38
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
4000086	value	-512.83	-512.83	-550.54	-550.54	-550.54	**-550.96**	**-550.96**	**-550.96**
	bound	-Inf	-Inf	-552.67	-552.67	-552.67	**-550.96**	**-550.96**	**-550.96**
	runtime	0.83	0.40	0.08	0.07	0.07	0.25	0.80	0.97
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
4100066	value	-520.28	-520.28	-556.79	-556.79	-556.79	**-557.66**	**-557.66**	**-557.66**
	bound	-Inf	-Inf	-558.20	-558.20	-558.20	**-557.66**	**-557.66**	**-557.66**
	runtime	0.56	0.28	0.08	0.05	0.05	0.33	0.54	0.43
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
4100246	value	-595.44	-595.44	-634.05	-634.05	-634.05	**-635.17**	**-635.17**	**-635.17**
	bound	-Inf	-Inf	-635.33	-635.33	-635.33	**-635.17**	**-635.17**	**-635.17**
	runtime	1.43	0.63	0.13	0.07	0.07	0.14	0.57	0.61
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
4100280	value	-796.95	-796.95	**-877.45**	**-877.45**	**-877.45**	**-877.45**	**-877.45**	**-877.45**
	bound	-Inf	-Inf	-877.45	-877.45	-877.45	**-877.45**	**-877.45**	**-877.45**
	runtime	5.22	2.72	0.31	0.17	0.17	0.39	0.70	1.02
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.04 GB	0.06 GB
5000016	value	-753.97	-753.97	**-783.18**	**-783.18**	**-783.18**	**-783.18**	**-783.18**	**-783.18**
	bound	-Inf	-Inf	-783.37	-783.37	-783.37	**-783.18**	**-783.18**	**-783.18**
	runtime	0.94	0.43	0.11	0.17	0.16	0.36	0.36	0.49
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000119	value	-516.98	-516.98	**-634.49**	**-634.49**	**-634.49**	**-634.49**	**-634.49**	**-634.49**
	bound	-Inf	-Inf	**-634.49**	**-634.49**	**-634.49**	**-634.49**	**-634.49**	**-634.49**
	runtime	0.33	0.13	0.02	0.02	0.02	0.02	0.22	0.24
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
5000120	value	-398.38	-398.38	-453.00	-453.00	-453.00	**-454.80**	**-454.80**	**-454.80**
	bound	-Inf	-Inf	-455.54	-455.54	-455.54	**-454.80**	-454.92	**-454.80**
	runtime	0.75	0.37	0.03	0.02	0.02	0.83	0.83	0.89
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
5000121	value	-457.20	-457.20	-486.38	-486.38	-486.38	**-495.05**	**-495.05**	**-495.05**
	bound	-Inf	-Inf	-495.38	-495.38	-495.38	**-495.05**	**-495.05**	**-495.05**
	runtime	1.19	0.59	0.05	0.04	0.04	0.32	1.06	1.54
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
5000122	value	-380.99	-380.99	-421.47	-421.47	-421.47	**-425.47**	**-425.47**	**-425.47**
	bound	-Inf	-Inf	-427.49	-427.49	-427.49	**-425.47**	**-425.47**	**-425.47**
	runtime	0.84	0.38	0.04	0.02	0.02	0.75	1.81	1.82
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000123	value	-394.56	-394.56	-429.84	-429.84	-429.84	**-429.95**	**-429.95**	**-429.95**
	bound	-Inf	-Inf	-429.95	-429.95	-429.95	**-429.95**	**-429.95**	**-429.95**
	runtime	0.86	0.45	0.04	0.03	0.03	0.10	0.64	0.67
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
5000124	value	-556.19	-556.19	-582.98	-582.98	-582.98	**-587.95**	**-587.95**	**-587.95**
	bound	-Inf	-Inf	-588.97	-588.97	-588.97	**-587.95**	**-587.95**	**-587.95**
	runtime	0.68	0.30	0.11	0.09	0.08	1.34	3.30	2.71
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000125	value	-581.51	-581.51	-637.64	-637.64	-637.64	**-639.51**	**-639.51**	**-639.51**
	bound	-Inf	-Inf	-640.68	-640.68	-640.68	**-639.51**	**-639.51**	**-639.51**
	runtime	0.56	0.25	0.04	0.05	0.04	0.83	0.79	0.96
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
5000126	value	-1827.77	-1827.77	**-1843.63**	**-1843.63**	**-1843.63**	**-1843.63**	**-1843.63**	**-1843.63**
	bound	-Inf	-Inf	-1843.86	-1843.86	-1843.86	**-1843.63**	**-1843.63**	**-1843.63**
	runtime	4.88	2.85	0.09	0.09	0.09	0.42	0.82	1.16
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.06 GB	0.06 GB
5000127	value	-290.81	-290.81	-363.48	-363.48	-363.48	**-364.53**	**-364.53**	**-364.53**
	bound	-Inf	-Inf	-364.91	-364.91	-364.91	**-364.53**	**-364.53**	**-364.53**
	runtime	0.72	0.37	0.02	0.02	0.02	0.76	1.10	1.48
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
5000128	value	-1164.27	-1164.27	-1220.92	-1220.92	-1220.92	**-1221.02**	**-1221.02**	**-1221.02**
	bound	-Inf	-Inf	-1221.76	-1221.76	-1221.76	**-1221.02**	**-1221.02**	**-1221.02**
	runtime	1.65	0.75	0.17	0.13	0.13	0.49	1.19	1.54
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
5000129	value	-637.66	-637.66	**-673.62**	**-673.62**	**-673.62**	**-673.62**	**-673.62**	**-673.62**
	bound	-Inf	-Inf	**-673.62**	**-673.62**	**-673.62**	**-673.62**	**-673.62**	**-673.62**
	runtime	0.23	0.10	0.01	0.01	0.01	0.01	0.09	0.12
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
5000130	value	-1316.28	-1316.28	**-1351.90**	**-1351.90**	**-1351.90**	**-1351.90**	**-1351.90**	**-1351.90**
	bound	-Inf	-Inf	**-1351.90**	**-1351.90**	**-1351.90**	**-1351.90**	**-1351.90**	**-1351.90**
	runtime	7.21	3.51	0.53	0.34	0.34	0.35	1.19	1.19
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.06 GB
5000131	value	-579.50	-579.50	-600.93	-600.93	-600.93	**-602.56**	**-602.56**	**-602.56**
	bound	-Inf	-Inf	-603.98	-603.98	-603.98	**-602.56**	**-602.56**	**-602.56**
	runtime	1.59	0.82	0.04	0.03	0.03	1.00	1.10	1.20
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
5000132	value	-496.77	-496.77	-584.28	-584.28	-584.28	**-586.21**	**-586.21**	**-586.21**
	bound	-Inf	-Inf	-586.45	-586.45	-586.45	**-586.21**	**-586.21**	**-586.21**
	runtime	0.53	0.27	0.06	0.03	0.03	0.23	0.48	0.69
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000133	value	-344.64	-344.64	-391.06	-391.06	-391.06	**-391.28**	**-391.28**	**-391.28**
	bound	-Inf	-Inf	-391.41	-391.41	-391.41	**-391.28**	**-391.28**	**-391.28**
	runtime	0.19	0.08	0.01	0.01	0.01	0.08	0.22	0.25
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.03 GB
5000137	value	-810.51	-810.51	**-834.68**	**-834.68**	**-834.68**	**-834.68**	**-834.68**	**-834.68**
	bound	-Inf	-Inf	**-834.68**	**-834.68**	**-834.68**	**-834.68**	**-834.68**	**-834.68**
	runtime	1.16	0.56	0.03	0.03	0.03	0.03	0.12	0.12
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
5000144	value	-665.20	-665.20	**-725.12**	**-725.12**	**-725.12**	**-725.12**	**-725.12**	**-725.12**
	bound	-Inf	-Inf	**-725.12**	**-725.12**	**-725.12**	**-725.12**	**-725.12**	**-725.12**
	runtime	0.54	0.24	0.03	0.03	0.03	0.03	0.10	0.11
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
5000147	value	-497.10	-497.10	-519.03	-519.03	-519.03	**-520.82**	**-520.82**	**-520.82**
	bound	-Inf	-Inf	-524.68	-524.68	-524.68	**-520.82**	**-520.82**	**-520.82**
	runtime	0.16	0.07	0.05	0.07	0.07	0.40	1.57	1.04
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.02 GB
5000149	value	-808.24	-808.24	-813.19	-813.19	-813.19	**-813.81**	**-813.81**	**-813.81**
	bound	-Inf	-Inf	-814.56	-814.56	-814.56	**-813.81**	**-813.81**	**-813.81**
	runtime	1.54	0.75	0.07	0.05	0.05	0.54	1.10	0.85
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.06 GB	0.05 GB
5000150	value	-452.36	-452.36	-496.42	-496.42	-496.42	**-496.80**	**-496.80**	**-496.80**
	bound	-Inf	-Inf	-496.80	-496.80	-496.80	**-496.80**	**-496.80**	**-496.80**
	runtime	1.05	0.48	0.02	0.02	0.02	0.08	0.42	0.63
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
5000162	value	-523.11	-523.11	-574.24	-574.24	-574.24	**-575.46**	**-575.46**	**-575.46**
	bound	-Inf	-Inf	-575.67	-575.67	-575.67	**-575.46**	**-575.46**	**-575.46**
	runtime	1.92	1.09	0.07	0.04	0.05	0.25	0.61	0.70
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
5000163	value	-832.29	-832.29	-876.12	-876.12	-876.12	**-876.40**	**-876.40**	**-876.40**
	bound	-Inf	-Inf	-877.11	-877.11	-877.11	**-876.40**	**-876.40**	**-876.40**
	runtime	0.24	0.10	0.02	0.01	0.01	0.27	0.34	0.35
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000164	value	-756.15	-756.15	-825.72	-825.72	-825.72	**-829.15**	**-829.15**	**-829.15**
	bound	-Inf	-Inf	-830.38	-830.38	-830.38	**-829.15**	**-829.15**	**-829.15**
	runtime	0.66	0.30	0.13	0.12	0.12	1.43	2.23	2.40
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
5000165	value	-714.51	-714.51	**-731.05**	**-731.05**	**-731.05**	**-731.05**	**-731.05**	**-731.05**
	bound	-Inf	-Inf	**-731.05**	**-731.05**	**-731.05**	**-731.05**	**-731.05**	**-731.05**
	runtime	0.31	0.15	0.03	0.02	0.02	0.02	0.24	0.16
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
5000166	value	-1011.33	-1011.33	-1030.36	-1030.36	-1030.36	**-1031.79**	**-1031.79**	**-1031.79**
	bound	-Inf	-Inf	-1031.91	-1031.91	-1031.91	**-1031.79**	**-1031.79**	**-1031.79**
	runtime	4.41	2.42	0.56	0.30	0.29	0.55	1.53	2.00
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.06 GB	0.06 GB
5000168	value	-728.53	-728.53	-765.33	-765.33	-765.33	**-770.89**	**-770.89**	**-770.89**
	bound	-Inf	-Inf	-771.57	-771.57	-771.57	**-770.89**	**-770.89**	**-770.89**
	runtime	2.82	1.36	0.17	0.13	0.13	0.87	2.01	2.27
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
5000172	value	-890.40	-890.40	**-915.17**	**-915.17**	**-915.17**	**-915.17**	**-915.17**	**-915.17**
	bound	-Inf	-Inf	**-915.17**	**-915.17**	**-915.17**	**-915.17**	**-915.17**	**-915.17**
	runtime	1.41	0.69	0.15	0.11	0.10	0.11	1.32	0.84
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB
5000173	value	-907.50	-907.50	-942.17	-942.17	-942.17	**-942.40**	**-942.40**	**-942.40**
	bound	-Inf	-Inf	-942.67	-942.67	-942.67	**-942.40**	**-942.40**	**-942.40**
	runtime	0.27	0.12	0.01	0.01	0.01	0.17	0.19	0.19
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000174	value	-609.34	-609.34	**-651.23**	**-651.23**	**-651.23**	**-651.23**	**-651.23**	**-651.23**
	bound	-Inf	-Inf	**-651.23**	**-651.23**	**-651.23**	**-651.23**	**-651.23**	**-651.23**
	runtime	0.51	0.27	0.03	0.02	0.02	0.02	0.24	0.25
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
5000175	value	-923.33	-923.33	-943.96	-943.96	-943.96	**-944.86**	**-944.86**	**-944.86**
	bound	-Inf	-Inf	-945.37	-945.37	-945.37	**-944.86**	**-944.86**	**-944.86**
	runtime	1.84	0.93	0.25	0.17	0.16	1.01	1.09	1.20
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
5000176	value	-985.40	-985.40	-1016.34	-1016.34	-1016.34	**-1022.83**	**-1022.83**	**-1022.83**
	bound	-Inf	-Inf	-1027.32	-1027.32	-1027.32	**-1022.83**	**-1022.83**	**-1022.83**
	runtime	1.97	1.82	4.78	2.55	2.52	15.68	25.82	12.40
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	0.08 GB	0.08 GB	0.07 GB
5000180	value	-698.24	-698.24	**-719.00**	**-719.00**	**-719.00**	**-719.00**	**-719.00**	**-719.00**
	bound	-Inf	-Inf	**-719.00**	**-719.00**	**-719.00**	**-719.00**	**-719.00**	**-719.00**
	runtime	3.62	1.79	0.84	0.33	0.32	0.33	0.92	1.07
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB
5000181	value	-321.99	-321.99	**-350.75**	**-350.75**	**-350.75**	**-350.75**	**-350.75**	**-350.75**
	bound	-Inf	-Inf	-350.86	-350.86	-350.86	**-350.75**	**-350.75**	**-350.75**
	runtime	1.31	0.62	0.06	0.04	0.04	0.10	0.50	0.63
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
5000182	value	-1009.59	-1009.59	**-1053.66**	**-1053.66**	**-1053.66**	**-1053.66**	**-1053.66**	**-1053.66**
	bound	-Inf	-Inf	**-1053.66**	**-1053.66**	**-1053.66**	**-1053.66**	**-1053.66**	**-1053.66**
	runtime	1.20	0.57	0.05	0.04	0.04	0.05	0.30	0.36
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
5000183	value	-675.85	-675.85	**-731.41**	**-731.41**	**-731.41**	**-731.41**	**-731.41**	**-731.41**
	bound	-Inf	-Inf	**-731.41**	**-731.41**	**-731.41**	**-731.41**	**-731.41**	**-731.41**
	runtime	0.73	0.52	0.08	0.05	0.05	0.05	0.33	0.36
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB
5000184	value	-873.89	-873.89	**-908.78**	**-908.78**	**-908.78**	**-908.78**	**-908.78**	**-908.78**
	bound	-Inf	-Inf	-909.81	-909.81	-909.81	**-908.78**	**-908.78**	**-908.78**
	runtime	1.06	0.47	0.25	0.13	0.13	0.24	0.76	0.70
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
5000188	value	-619.05	-619.05	-646.21	-646.21	-646.21	**-646.70**	**-646.70**	**-646.70**
	bound	-Inf	-Inf	-646.97	-646.97	-646.97	**-646.70**	**-646.70**	**-646.70**
	runtime	1.00	0.50	0.41	0.26	0.26	0.67	1.81	1.56
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
5000190	value	-661.35	-661.35	**-694.76**	**-694.76**	**-694.76**	**-694.76**	**-694.76**	**-694.76**
	bound	-Inf	-Inf	-697.06	-697.06	-697.06	**-694.76**	**-694.76**	**-694.76**
	runtime	0.42	0.20	0.15	0.10	0.10	0.16	0.24	0.24
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000191	value	-658.31	-658.31	**-699.02**	**-699.02**	**-699.02**	**-699.02**	**-699.02**	**-699.02**
	bound	-Inf	-Inf	**-699.02**	**-699.02**	**-699.02**	**-699.02**	**-699.02**	**-699.02**
	runtime	0.44	0.19	0.03	0.02	0.02	0.02	0.11	0.16
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB
5000192	value	-451.59	-451.59	-512.90	-512.90	-512.90	**-513.49**	**-513.49**	**-513.49**
	bound	-Inf	-Inf	-513.77	-513.77	-513.77	**-513.49**	**-513.49**	**-513.49**
	runtime	0.45	0.20	0.03	0.02	0.02	0.18	0.34	0.29
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000194	value	-138.34	-138.34	**-201.84**	**-201.84**	**-201.84**	**-201.84**	**-201.84**	**-201.84**
	bound	-Inf	-Inf	**-201.84**	**-201.84**	**-201.84**	**-201.84**	**-201.84**	**-201.84**
	runtime	0.05	0.02	0.00	0.00	0.00	0.00	0.04	0.06
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
5000195	value	-278.73	-278.73	**-321.84**	**-321.84**	**-321.84**	**-321.84**	**-321.84**	**-321.84**
	bound	-Inf	-Inf	**-321.84**	**-321.84**	**-321.84**	**-321.84**	**-321.84**	**-321.84**
	runtime	0.25	0.11	0.02	0.01	0.01	0.01	0.09	0.09
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
5000196	value	-445.35	-445.35	**-471.86**	**-471.86**	**-471.86**	**-471.86**	**-471.86**	**-471.86**
	bound	-Inf	-Inf	**-471.86**	**-471.86**	**-471.86**	**-471.86**	**-471.86**	**-471.86**
	runtime	0.37	0.15	0.01	0.01	0.01	0.01	0.10	0.10
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
5000197	value	-420.46	-420.46	-484.77	-484.77	-484.77	**-485.98**	**-485.98**	**-485.98**
	bound	-Inf	-Inf	-487.37	-487.37	-487.37	**-485.98**	**-485.98**	**-485.98**
	runtime	0.72	0.36	0.05	0.03	0.04	0.58	0.96	1.63
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
5000198	value	-301.06	-301.06	**-336.76**	**-336.76**	**-336.76**	**-336.76**	**-336.76**	**-336.76**
	bound	-Inf	-Inf	**-336.76**	**-336.76**	**-336.76**	**-336.76**	**-336.76**	**-336.76**
	runtime	0.20	0.09	0.01	0.01	0.01	0.01	0.08	0.06
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
5000199	value	-564.20	-564.20	-597.38	-597.38	-597.38	**-598.26**	**-598.26**	**-598.26**
	bound	-Inf	-Inf	-598.88	-598.88	-598.88	**-598.26**	**-598.26**	**-598.26**
	runtime	1.32	0.65	0.02	0.02	0.03	0.91	1.31	1.47
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
5000200	value	-204.87	-204.87	-237.65	-237.65	-237.65	**-238.42**	**-238.42**	**-238.42**
	bound	-Inf	-Inf	-239.74	-239.74	-239.74	**-238.42**	**-238.42**	**-238.42**
	runtime	0.23	0.10	0.02	0.02	0.02	0.33	0.43	0.80
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
5000201	value	-543.62	-543.62	-606.07	-606.07	-606.07	**-609.80**	**-609.80**	**-609.80**
	bound	-Inf	-Inf	-610.50	-610.50	-610.50	**-609.80**	**-609.80**	**-609.80**
	runtime	2.91	1.51	0.38	0.23	0.24	2.04	2.68	3.02
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
5000202	value	-546.81	-546.81	-628.46	-628.46	-628.46	**-629.27**	**-629.27**	**-629.27**
	bound	-Inf	-Inf	-630.08	-630.08	-630.08	**-629.27**	**-629.27**	**-629.27**
	runtime	0.59	0.26	0.02	0.01	0.01	0.05	0.14	0.18
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
5000203	value	-318.78	-318.78	-410.82	-410.82	-410.82	**-411.27**	**-411.27**	**-411.27**
	bound	-Inf	-Inf	-411.32	-411.32	-411.32	**-411.27**	**-411.27**	**-411.27**
	runtime	0.90	0.50	0.07	0.04	0.04	0.14	0.77	0.73
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
5000204	value	-997.11	-997.11	**-1025.32**	**-1025.32**	**-1025.32**	**-1025.32**	**-1025.32**	**-1025.32**
	bound	-Inf	-Inf	-1025.91	-1025.91	-1025.91	-1025.51	**-1025.32**	**-1025.32**
	runtime	4.76	2.93	0.19	0.22	0.22	0.97	3.61	2.41
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.06 GB	0.06 GB	0.06 GB
5000205	value	-478.51	-478.51	-544.56	-544.56	-544.56	**-545.13**	**-545.13**	**-545.13**
	bound	-Inf	-Inf	-545.26	-545.26	-545.26	**-545.13**	**-545.13**	**-545.13**
	runtime	0.33	0.15	0.02	0.02	0.02	0.05	0.18	0.20
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
5000226	value	-491.20	-491.20	-511.91	-511.91	-511.91	**-511.99**	**-511.99**	**-511.99**
	bound	-Inf	-Inf	-512.15	-512.15	-512.15	**-511.99**	**-511.99**	**-511.99**
	runtime	0.16	0.07	0.01	0.01	0.01	0.04	0.22	0.17
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
5000234	value	-819.35	-819.35	-857.52	-857.52	-857.52	**-858.86**	**-858.86**	**-858.86**
	bound	-Inf	-Inf	-860.79	-860.79	-860.79	**-858.86**	**-858.86**	**-858.86**
	runtime	0.37	0.18	0.10	0.08	0.08	1.06	2.07	2.03
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000257	value	-628.55	-628.55	-664.52	-664.52	-664.52	**-665.10**	**-665.10**	**-665.10**
	bound	-Inf	-Inf	-667.27	-667.27	-667.27	**-665.10**	**-665.10**	**-665.10**
	runtime	0.55	0.25	0.08	0.05	0.06	0.28	0.57	0.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000264	value	-492.68	-492.68	-518.91	-518.91	-518.91	**-520.68**	**-520.68**	**-520.68**
	bound	-Inf	-Inf	-524.05	-524.05	-524.05	**-520.68**	**-520.68**	**-520.68**
	runtime	0.30	0.13	0.04	0.03	0.04	0.21	0.37	0.34
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
5000265	value	-395.35	-395.35	-451.81	-451.81	-451.81	**-452.13**	**-452.13**	**-452.13**
	bound	-Inf	-Inf	-452.28	-452.28	-452.28	**-452.13**	**-452.13**	**-452.13**
	runtime	0.38	0.19	0.03	0.01	0.02	0.15	0.33	0.41
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000000	value	-551.26	-551.26	-575.92	-575.92	-575.92	**-590.23**	**-590.23**	**-590.23**
	bound	-Inf	-Inf	-592.84	-592.84	-592.84	**-590.23**	**-590.23**	**-590.23**
	runtime	1.88	0.86	0.13	0.09	0.10	0.66	1.21	0.97
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB	0.05 GB
6000001	value	-754.59	-754.59	-789.72	-789.72	-789.72	**-789.77**	**-789.77**	**-789.77**
	bound	-Inf	-Inf	-790.00	-790.00	-790.00	**-789.77**	**-789.77**	**-789.77**
	runtime	0.57	0.27	0.07	0.05	0.05	0.39	0.69	0.79
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000002	value	-692.45	-692.45	-701.77	-701.77	-701.77	**-708.71**	**-708.71**	**-708.71**
	bound	-Inf	-Inf	-710.03	-710.03	-710.03	**-708.71**	**-708.71**	**-708.71**
	runtime	1.91	1.08	0.06	0.04	0.05	1.20	1.11	1.44
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000003	value	-691.51	-691.51	**-753.43**	**-753.43**	**-753.43**	**-753.43**	**-753.43**	**-753.43**
	bound	-Inf	-Inf	**-753.43**	**-753.43**	**-753.43**	**-753.43**	**-753.43**	**-753.43**
	runtime	0.43	0.26	0.04	0.03	0.03	0.03	0.32	0.26
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB
6000004	value	-763.84	-763.84	-779.19	-779.19	-779.19	**-779.73**	**-779.73**	**-779.73**
	bound	-Inf	-Inf	-779.84	-779.84	-779.84	**-779.73**	**-779.73**	**-779.73**
	runtime	0.59	0.28	0.36	0.24	0.25	0.40	0.97	1.38
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000005	value	-623.12	-623.12	-666.69	-666.69	-666.69	**-668.33**	**-668.33**	**-668.33**
	bound	-Inf	-Inf	-670.10	-670.10	-670.10	**-668.33**	**-668.33**	**-668.33**
	runtime	1.41	0.67	0.07	0.05	0.06	1.19	1.73	1.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB	0.05 GB
6000006	value	-754.00	-754.00	-789.63	-789.63	-789.63	**-791.05**	**-791.05**	**-791.05**
	bound	-Inf	-Inf	-791.66	-791.66	-791.66	**-791.05**	**-791.05**	**-791.05**
	runtime	2.04	0.93	0.23	0.14	0.14	0.90	1.77	1.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
6000007	value	-590.16	-590.16	-638.31	-638.31	-638.31	**-641.39**	**-641.39**	**-641.39**
	bound	-Inf	-Inf	-643.18	-643.18	-643.18	**-641.39**	**-641.39**	**-641.39**
	runtime	0.97	0.55	0.21	0.22	0.23	0.76	1.41	2.13
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000008	value	-542.85	-542.85	**-586.78**	**-586.78**	**-586.78**	**-586.78**	**-586.78**	**-586.78**
	bound	-Inf	-Inf	**-586.78**	**-586.78**	**-586.78**	**-586.78**	**-586.78**	**-586.78**
	runtime	0.37	0.16	0.03	0.02	0.02	0.02	0.25	0.30
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
6000009	value	-659.28	-659.28	-680.40	-680.40	-680.40	**-682.12**	**-682.12**	**-682.12**
	bound	-Inf	-Inf	-682.46	-682.46	-682.46	**-682.12**	**-682.12**	**-682.12**
	runtime	2.68	1.40	0.18	0.10	0.10	0.79	1.09	1.41
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000010	value	-870.82	-870.82	-902.66	-902.66	-902.66	**-903.38**	**-903.38**	**-903.38**
	bound	-Inf	-Inf	-903.77	-903.77	-903.77	**-903.38**	**-903.38**	**-903.38**
	runtime	2.80	1.66	0.27	0.18	0.20	0.49	2.12	1.71
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.06 GB	0.06 GB
6000011	value	-546.27	-546.27	-611.65	-611.65	-611.65	**-616.57**	**-616.57**	**-616.57**
	bound	-Inf	-Inf	-617.81	-617.81	-617.81	**-616.57**	**-616.57**	**-616.57**
	runtime	0.39	0.18	0.04	0.02	0.02	0.68	0.89	0.87
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000012	value	-567.79	-567.79	-599.26	-599.26	-599.26	**-600.13**	**-600.13**	**-600.13**
	bound	-Inf	-Inf	-601.79	-601.79	-601.79	**-600.13**	**-600.13**	**-600.13**
	runtime	0.99	0.48	0.14	0.08	0.09	1.54	3.22	2.93
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000013	value	-678.24	-678.24	-733.25	-733.25	-733.25	**-733.64**	**-733.64**	**-733.64**
	bound	-Inf	-Inf	-736.69	-736.69	-736.69	**-733.64**	**-733.64**	**-733.64**
	runtime	1.88	0.95	0.10	0.05	0.06	3.96	5.16	4.74
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000014	value	-920.70	-920.70	-938.55	-938.55	-938.55	**-940.94**	**-940.94**	**-940.94**
	bound	-Inf	-Inf	-943.31	-943.31	-943.31	**-940.94**	**-940.94**	**-940.94**
	runtime	2.63	1.23	0.14	0.13	0.14	1.24	2.30	2.10
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000015	value	-672.53	-672.53	-715.37	-715.37	-715.37	**-716.32**	**-716.32**	**-716.32**
	bound	-Inf	-Inf	-716.81	-716.81	-716.81	**-716.32**	**-716.32**	**-716.32**
	runtime	0.43	0.19	0.06	0.03	0.04	0.22	0.59	0.64
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000016	value	-581.65	-581.65	-612.35	-612.35	-612.35	**-612.70**	**-612.70**	**-612.70**
	bound	-Inf	-Inf	-613.58	-613.58	-613.58	**-612.70**	**-612.70**	**-612.70**
	runtime	1.03	0.46	0.09	0.07	0.08	0.36	0.89	0.93
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
6000017	value	-576.58	-576.58	-597.24	-597.24	-597.24	**-599.46**	**-599.46**	**-599.46**
	bound	-Inf	-Inf	-600.58	-601.02	-601.02	**-599.46**	**-599.46**	**-599.46**
	runtime	1.73	0.83	0.28	0.16	0.16	0.92	2.03	1.76
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000018	value	-768.45	-768.45	-795.20	-795.20	-795.20	**-796.75**	**-796.75**	**-796.75**
	bound	-Inf	-Inf	-797.88	-797.88	-797.88	**-796.75**	**-796.75**	**-796.75**
	runtime	4.07	2.14	0.21	0.11	0.11	2.93	3.81	4.62
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.06 GB	0.06 GB
6000019	value	-716.58	-716.58	-743.09	-743.09	-743.09	**-743.99**	**-743.99**	**-743.99**
	bound	-Inf	-Inf	-744.13	-744.13	-744.13	**-743.99**	**-743.99**	**-743.99**
	runtime	1.74	0.81	0.14	0.06	0.06	0.21	1.50	0.85
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000020	value	-621.97	-621.97	-649.59	-649.59	-649.59	**-653.26**	**-653.26**	**-653.26**
	bound	-Inf	-Inf	-653.69	-653.69	-653.69	**-653.26**	**-653.26**	**-653.26**
	runtime	0.97	0.48	0.15	0.10	0.11	0.41	0.85	0.89
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000021	value	-707.66	-707.66	-757.60	-757.60	-757.60	**-758.47**	**-758.47**	**-758.47**
	bound	-Inf	-Inf	-761.53	-761.53	-761.53	**-758.47**	**-758.47**	**-758.47**
	runtime	0.92	0.40	0.08	0.05	0.05	0.53	0.87	1.14
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000022	value	-301.84	-301.84	-361.83	-361.83	-361.83	**-364.28**	**-364.28**	**-364.28**
	bound	-Inf	-Inf	-365.26	-365.26	-365.26	**-364.28**	**-364.28**	**-364.28**
	runtime	0.09	0.03	0.01	0.01	0.01	0.06	0.18	0.21
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
6000023	value	-497.62	-497.62	-530.49	-530.49	-530.49	**-530.94**	**-530.94**	**-530.94**
	bound	-Inf	-Inf	-533.42	-533.42	-533.42	**-530.94**	**-530.94**	**-530.94**
	runtime	0.17	0.07	0.05	0.05	0.05	0.60	1.39	1.36
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000024	value	-505.63	-505.63	-536.01	-536.01	-536.01	**-536.14**	**-536.14**	**-536.14**
	bound	-Inf	-Inf	-537.64	-537.64	-537.64	**-536.14**	**-536.14**	**-536.14**
	runtime	1.17	0.50	0.12	0.08	0.09	2.25	3.26	2.63
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000025	value	-465.04	-465.04	-530.53	-530.53	-530.53	**-533.57**	**-533.57**	**-533.57**
	bound	-Inf	-Inf	-534.52	-534.52	-534.52	**-533.57**	**-533.57**	**-533.57**
	runtime	0.68	0.29	0.04	0.03	0.03	0.53	1.24	1.22
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000026	value	-480.54	-480.54	-520.62	-520.62	-520.62	**-521.61**	**-521.61**	**-521.61**
	bound	-Inf	-Inf	-523.41	-523.41	-523.41	**-521.61**	**-521.61**	**-521.61**
	runtime	0.74	0.37	0.06	0.03	0.04	0.72	0.99	1.09
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000027	value	-527.62	-527.62	-573.19	-573.19	-573.19	**-576.54**	**-576.54**	**-576.54**
	bound	-Inf	-Inf	-577.64	-577.64	-577.64	**-576.54**	**-576.54**	**-576.54**
	runtime	0.29	0.12	0.05	0.03	0.03	0.23	0.83	0.62
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000028	value	-829.69	-829.69	-873.77	-873.77	-873.77	**-874.15**	**-874.15**	**-874.15**
	bound	-Inf	-Inf	-874.70	-874.70	-874.70	**-874.15**	**-874.15**	**-874.15**
	runtime	1.59	0.75	0.20	0.13	0.14	1.61	3.80	3.25
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
6000029	value	-1082.41	-1082.41	**-1106.25**	**-1106.25**	**-1106.25**	**-1106.25**	**-1106.25**	**-1106.25**
	bound	-Inf	-Inf	-1107.06	-1107.06	-1107.06	**-1106.25**	**-1106.25**	**-1106.25**
	runtime	0.73	0.35	0.69	0.51	0.52	0.64	0.61	0.69
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000030	value	-754.39	-754.39	**-794.99**	**-794.99**	**-794.99**	**-794.99**	**-794.99**	**-794.99**
	bound	-Inf	-Inf	-795.01	-795.01	-795.01	**-794.99**	**-794.99**	**-794.99**
	runtime	0.57	0.27	0.09	0.06	0.06	0.16	0.66	0.49
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000031	value	-539.54	-539.54	-588.74	-588.74	-588.74	**-589.23**	**-589.23**	**-589.23**
	bound	-Inf	-Inf	-589.27	-589.27	-589.27	**-589.23**	**-589.23**	-589.51
	runtime	0.21	0.10	0.03	0.02	0.02	0.07	0.68	0.46
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
6000032	value	-785.25	-785.25	-826.57	-826.57	-826.57	**-826.81**	**-826.81**	**-826.81**
	bound	-Inf	-Inf	-827.15	-827.15	-827.15	**-826.81**	**-826.81**	**-826.81**
	runtime	1.35	0.62	0.20	0.16	0.16	0.86	1.21	1.56
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000033	value	-554.85	-554.85	**-596.64**	**-596.64**	**-596.64**	**-596.64**	**-596.64**	**-596.64**
	bound	-Inf	-Inf	**-596.64**	**-596.64**	**-596.64**	**-596.64**	**-596.64**	**-596.64**
	runtime	2.60	1.16	0.16	0.08	0.08	0.08	0.64	0.99
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB
6000034	value	-856.72	-856.72	-886.51	-886.51	-886.51	**-886.70**	**-886.70**	**-886.70**
	bound	-Inf	-Inf	-887.24	-887.24	-887.24	**-886.70**	**-886.70**	**-886.70**
	runtime	2.95	1.53	0.34	0.32	0.34	0.95	1.42	2.07
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.06 GB	0.06 GB
6000035	value	-532.05	-532.05	-550.95	-550.95	-550.95	**-551.69**	**-551.69**	**-551.69**
	bound	-Inf	-Inf	-552.02	-552.02	-552.02	**-551.69**	**-551.69**	**-551.69**
	runtime	0.69	0.34	0.12	0.08	0.08	0.47	0.72	0.78
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
6000036	value	-582.81	-582.81	-619.67	-619.67	-619.67	**-620.93**	**-620.93**	**-620.93**
	bound	-Inf	-Inf	-621.70	-621.70	-621.70	**-620.93**	**-620.93**	**-620.93**
	runtime	0.44	0.17	0.02	0.02	0.02	0.69	0.57	0.77
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000037	value	-409.39	-409.39	-440.97	-440.97	-440.97	**-441.63**	**-441.63**	**-441.63**
	bound	-Inf	-Inf	-442.59	-442.59	-442.59	**-441.63**	**-441.63**	**-441.63**
	runtime	1.23	0.54	0.09	0.07	0.07	0.47	0.85	0.82
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
6000038	value	-752.74	-752.74	-805.84	-805.84	-805.84	**-807.76**	**-807.76**	**-807.76**
	bound	-Inf	-Inf	-810.37	-810.37	-810.37	**-807.76**	**-807.76**	**-807.76**
	runtime	0.39	0.16	0.06	0.02	0.03	0.44	0.74	0.69
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000039	value	-506.07	-506.07	**-573.89**	**-573.89**	**-573.89**	**-573.89**	**-573.89**	**-573.89**
	bound	-Inf	-Inf	**-573.89**	**-573.89**	**-573.89**	**-573.89**	**-573.89**	**-573.89**
	runtime	0.31	0.14	0.02	0.01	0.01	0.01	0.15	0.10
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
6000040	value	-636.63	-636.63	-694.16	-694.16	-694.16	**-695.56**	**-695.56**	**-695.56**
	bound	-Inf	-Inf	-695.62	-695.62	-695.62	**-695.56**	**-695.56**	**-695.56**
	runtime	0.66	0.32	0.12	0.10	0.10	0.24	0.56	1.07
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000041	value	-495.09	-495.09	-519.27	-519.27	-519.27	**-525.29**	**-525.29**	**-525.29**
	bound	-Inf	-Inf	-526.33	-526.33	-526.33	**-525.29**	**-525.29**	**-525.29**
	runtime	1.09	0.54	0.05	0.04	0.04	0.26	0.64	1.02
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.05 GB
6000042	value	-552.80	-552.80	-576.08	-576.08	-576.08	**-576.94**	**-576.94**	**-576.94**
	bound	-Inf	-Inf	-577.16	-577.16	-577.16	**-576.94**	**-576.94**	**-576.94**
	runtime	0.62	0.27	0.05	0.03	0.04	0.35	0.48	0.51
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000043	value	-459.59	-459.59	-502.29	-502.29	-502.29	**-503.03**	**-503.03**	**-503.03**
	bound	-Inf	-Inf	-503.81	-503.81	-503.81	**-503.03**	**-503.03**	**-503.03**
	runtime	0.58	0.28	0.05	0.03	0.03	1.04	1.30	1.61
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000044	value	-471.42	-471.42	**-507.70**	**-507.70**	**-507.70**	**-507.70**	**-507.70**	**-507.70**
	bound	-Inf	-Inf	-509.36	-509.36	-509.36	**-507.70**	**-507.70**	**-507.70**
	runtime	0.38	0.15	0.02	0.02	0.02	0.08	0.25	0.22
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000045	value	-549.93	-549.93	-580.73	-580.73	-580.73	**-584.43**	**-584.43**	**-584.43**
	bound	-Inf	-Inf	-586.40	-586.40	-586.40	**-584.43**	**-584.43**	**-584.43**
	runtime	1.29	0.62	0.06	0.04	0.04	0.72	0.98	1.07
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000046	value	-468.14	-468.14	**-510.98**	**-510.98**	**-510.98**	**-510.98**	**-510.98**	**-510.98**
	bound	-Inf	-Inf	**-510.98**	**-510.98**	**-510.98**	**-510.98**	**-510.98**	**-510.98**
	runtime	0.36	0.18	0.02	0.02	0.02	0.02	0.13	0.18
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000047	value	-515.54	-515.54	-563.58	-563.58	-563.58	**-564.16**	**-564.16**	**-564.16**
	bound	-Inf	-Inf	-565.81	-565.81	-565.81	**-564.16**	**-564.16**	**-564.16**
	runtime	0.99	0.41	0.05	0.04	0.05	0.88	1.48	1.93
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000048	value	-624.00	-624.00	**-690.03**	**-690.03**	**-690.03**	**-690.03**	**-690.03**	**-690.03**
	bound	-Inf	-Inf	**-690.03**	**-690.03**	**-690.03**	**-690.03**	**-690.03**	**-690.03**
	runtime	0.76	0.38	0.07	0.04	0.04	0.05	0.31	0.29
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB
6000049	value	-474.35	-474.35	-510.49	-510.49	-510.49	**-511.07**	**-511.07**	**-511.07**
	bound	-Inf	-Inf	-511.48	-511.48	-511.48	**-511.07**	**-511.07**	**-511.07**
	runtime	1.16	0.49	0.10	0.07	0.07	0.27	1.10	0.85
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000050	value	-722.86	-722.86	-742.03	-742.03	-742.03	**-752.27**	**-752.27**	**-752.27**
	bound	-Inf	-Inf	-753.94	-753.94	-753.94	**-752.27**	**-752.27**	**-752.27**
	runtime	1.32	0.62	0.19	0.12	0.12	2.06	2.38	3.00
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000051	value	-446.24	-446.24	-470.80	-470.80	-470.80	**-471.62**	**-471.62**	**-471.62**
	bound	-Inf	-Inf	-472.56	-472.56	-472.56	**-471.62**	**-471.62**	**-471.62**
	runtime	1.08	0.52	0.04	0.03	0.03	0.83	1.33	1.73
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000052	value	-413.20	-413.20	-447.32	-447.32	-447.32	**-447.62**	**-447.62**	**-447.62**
	bound	-Inf	-Inf	-448.27	-448.27	-448.27	**-447.62**	**-447.62**	**-447.62**
	runtime	0.73	0.32	0.10	0.06	0.06	0.33	0.83	1.33
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000053	value	-593.46	-593.46	-636.50	-636.50	-636.50	**-636.83**	**-636.83**	**-636.83**
	bound	-Inf	-Inf	-637.25	-637.25	-637.25	**-636.83**	**-636.83**	**-636.83**
	runtime	1.16	0.53	0.08	0.04	0.04	0.39	0.64	0.77
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000054	value	-622.08	-622.08	-671.20	-671.20	-671.39	**-674.72**	**-674.72**	**-674.72**
	bound	-Inf	-Inf	-675.22	-675.22	-675.16	**-674.72**	**-674.72**	**-674.72**
	runtime	5.86	3.17	0.29	0.24	0.24	1.24	1.93	2.86
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.05 GB	0.06 GB
6000055	value	-958.72	-958.72	-991.76	-991.76	-991.76	**-992.44**	**-992.44**	**-992.44**
	bound	-Inf	-Inf	-993.12	-993.12	-993.12	**-992.44**	**-992.44**	**-992.44**
	runtime	4.98	2.45	0.27	0.13	0.13	1.09	2.39	2.51
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.05 GB	0.06 GB
6000056	value	-615.59	-615.59	-667.80	-667.80	-667.80	**-669.62**	**-669.62**	**-669.62**
	bound	-Inf	-Inf	-669.94	-669.94	-669.94	**-669.62**	**-669.62**	**-669.62**
	runtime	1.22	0.62	0.04	0.03	0.03	0.52	1.07	1.10
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000057	value	-452.82	-452.82	-481.61	-481.61	-481.61	**-481.90**	**-481.90**	**-481.90**
	bound	-Inf	-Inf	-482.18	-482.18	-482.18	**-481.90**	**-481.90**	**-481.90**
	runtime	0.60	0.28	0.03	0.02	0.02	0.31	0.57	0.59
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000058	value	-321.53	-321.53	-351.43	-351.43	-351.43	**-351.72**	**-351.72**	**-351.72**
	bound	-Inf	-Inf	-352.55	-352.55	-352.55	**-351.72**	**-351.72**	**-351.72**
	runtime	0.97	0.44	0.03	0.02	0.02	1.14	0.83	1.14
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000059	value	-587.27	-587.27	-630.22	-630.22	-630.22	**-631.11**	**-631.11**	**-631.11**
	bound	-Inf	-Inf	-631.69	-631.69	-631.69	**-631.11**	**-631.11**	**-631.11**
	runtime	0.92	0.41	0.10	0.10	0.09	0.47	0.94	0.91
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000060	value	-496.84	-496.84	-546.36	-546.36	-546.36	**-547.57**	**-547.57**	**-547.57**
	bound	-Inf	-Inf	-547.75	-547.75	-547.75	**-547.57**	**-547.57**	**-547.57**
	runtime	0.46	0.23	0.03	0.02	0.02	0.10	0.21	0.28
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000061	value	-831.45	-831.45	-861.64	-861.64	-861.64	**-862.95**	**-862.95**	**-862.95**
	bound	-Inf	-Inf	-864.15	-864.15	-864.15	**-862.95**	**-862.95**	**-862.95**
	runtime	0.85	0.38	0.21	0.13	0.12	0.33	2.96	2.82
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000062	value	-485.81	-485.81	**-546.36**	**-546.36**	**-546.36**	**-546.36**	**-546.36**	**-546.36**
	bound	-Inf	-Inf	-546.62	-546.62	-546.62	**-546.36**	**-546.36**	**-546.36**
	runtime	0.43	0.20	0.04	0.02	0.02	0.49	0.51	0.64
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000063	value	-544.35	-544.35	-600.10	-600.10	-600.10	**-603.33**	**-603.33**	**-603.33**
	bound	-Inf	-Inf	-604.48	-604.48	-604.48	**-603.33**	**-603.33**	**-603.33**
	runtime	0.43	0.21	0.07	0.05	0.05	0.48	0.90	0.81
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
6000064	value	-696.30	-696.30	-736.13	-736.13	-736.13	**-739.15**	**-739.15**	**-739.15**
	bound	-Inf	-Inf	-740.55	-740.55	-740.55	**-739.15**	**-739.15**	**-739.15**
	runtime	0.65	0.29	0.05	0.03	0.03	0.42	1.03	0.89
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000065	value	-513.17	-513.17	-559.09	-559.09	-559.09	**-559.67**	**-559.67**	**-559.67**
	bound	-Inf	-Inf	-559.68	-559.68	-559.68	**-559.67**	**-559.67**	**-559.67**
	runtime	0.62	0.29	0.04	0.03	0.03	0.10	0.27	0.38
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000066	value	-427.51	-427.51	-479.90	-479.90	-479.90	**-480.39**	**-480.39**	**-480.39**
	bound	-Inf	-Inf	-480.63	-480.63	-480.63	**-480.39**	**-480.39**	**-480.39**
	runtime	0.92	0.43	0.04	0.02	0.03	0.61	0.72	0.67
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000067	value	-611.06	-611.06	-650.68	-650.68	-650.68	**-652.52**	**-652.52**	**-652.52**
	bound	-Inf	-Inf	-653.02	-653.02	-653.02	**-652.52**	**-652.52**	**-652.52**
	runtime	1.46	0.66	0.10	0.07	0.07	0.50	1.08	0.87
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000068	value	-595.08	-595.08	**-627.24**	**-627.24**	**-627.24**	**-627.24**	**-627.24**	**-627.24**
	bound	-Inf	-Inf	-628.61	-628.61	-628.61	**-627.24**	**-627.24**	**-627.24**
	runtime	1.43	0.73	0.37	0.23	0.22	3.65	4.12	4.14
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000069	value	-387.10	-387.10	-403.31	-403.31	-403.31	**-407.65**	**-407.65**	**-407.65**
	bound	-Inf	-Inf	-407.88	-407.88	-407.88	**-407.65**	**-407.65**	**-407.65**
	runtime	0.25	0.11	0.02	0.01	0.01	0.17	0.34	0.29
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.03 GB
6000070	value	-747.02	-747.02	-806.29	-806.29	-806.29	**-807.44**	**-807.44**	**-807.44**
	bound	-Inf	-Inf	-807.65	-807.65	-807.65	**-807.44**	**-807.44**	**-807.44**
	runtime	1.43	0.78	0.10	0.07	0.06	0.50	1.15	1.22
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000071	value	-442.41	-442.41	-499.54	-499.54	-499.54	**-500.20**	**-500.20**	**-500.20**
	bound	-Inf	-Inf	-500.30	-500.30	-500.30	**-500.20**	**-500.20**	**-500.20**
	runtime	1.23	0.60	0.05	0.03	0.03	0.17	0.74	0.83
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000072	value	-594.38	-594.38	-651.35	-651.35	-651.35	**-655.78**	**-655.78**	**-655.78**
	bound	-Inf	-Inf	-656.31	-656.31	-656.31	**-655.78**	**-655.78**	**-655.78**
	runtime	1.51	0.74	0.12	0.07	0.07	0.17	1.04	1.40
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.05 GB
6000073	value	-539.50	-539.50	-591.83	-591.83	-591.83	**-592.41**	**-592.41**	**-592.41**
	bound	-Inf	-Inf	-592.89	-592.89	-592.89	**-592.41**	**-592.41**	**-592.41**
	runtime	0.88	0.38	0.08	0.05	0.05	1.07	2.89	3.23
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000074	value	-440.32	-440.32	**-462.29**	**-462.29**	**-462.29**	**-462.29**	**-462.29**	**-462.29**
	bound	-Inf	-Inf	-462.44	-462.44	-462.44	**-462.29**	**-462.29**	**-462.29**
	runtime	0.90	0.38	0.04	0.02	0.03	0.17	0.61	0.51
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000075	value	-416.73	-416.73	-488.23	-488.23	-488.23	**-488.31**	**-488.31**	**-488.31**
	bound	-Inf	-Inf	-488.33	-488.33	-488.33	**-488.31**	**-488.31**	**-488.31**
	runtime	0.69	0.32	0.05	0.04	0.05	0.11	0.75	1.23
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
6000076	value	-386.23	-386.23	**-430.11**	**-430.11**	**-430.11**	**-430.11**	**-430.11**	**-430.11**
	bound	-Inf	-Inf	**-430.11**	**-430.11**	**-430.11**	**-430.11**	**-430.11**	**-430.11**
	runtime	0.50	0.22	0.01	0.01	0.01	0.01	0.16	0.11
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
6000077	value	-641.52	-641.52	-695.16	-695.16	-695.16	**-696.68**	**-696.68**	**-696.68**
	bound	-Inf	-Inf	-697.42	-697.42	-697.42	**-696.68**	**-696.68**	**-696.68**
	runtime	0.61	0.28	0.04	0.03	0.03	0.70	1.02	1.14
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000078	value	-541.07	-541.07	-579.33	-579.33	-579.33	**-579.73**	**-579.73**	**-579.73**
	bound	-Inf	-Inf	-579.89	-579.89	-579.89	**-579.73**	**-579.73**	**-579.73**
	runtime	0.38	0.17	0.03	0.02	0.03	0.17	0.40	0.71
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000079	value	-436.99	-436.99	-503.34	-503.34	-503.34	**-503.73**	**-503.73**	**-503.73**
	bound	-Inf	-Inf	-503.82	-503.82	-503.82	**-503.73**	**-503.73**	**-503.73**
	runtime	2.39	1.10	0.14	0.09	0.10	0.29	0.50	0.97
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000080	value	-560.78	-560.78	-598.65	-598.65	-598.65	**-599.22**	**-599.22**	**-599.22**
	bound	-Inf	-Inf	-599.49	-599.49	-599.49	**-599.22**	**-599.22**	**-599.22**
	runtime	0.72	0.30	0.06	0.03	0.03	0.20	0.46	0.74
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000081	value	-352.48	-352.48	-387.07	-387.07	-387.07	**-387.60**	**-387.60**	**-387.60**
	bound	-Inf	-Inf	-387.60	-387.60	-387.60	**-387.60**	**-387.60**	**-387.60**
	runtime	0.91	0.41	0.05	0.02	0.02	0.11	0.43	0.56
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
6000082	value	-282.41	-282.41	-323.15	-323.15	-323.15	**-323.38**	**-323.38**	**-323.38**
	bound	-Inf	-Inf	-323.39	-323.39	-323.39	**-323.38**	**-323.38**	**-323.38**
	runtime	0.62	0.28	0.02	0.01	0.02	0.06	0.15	0.28
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000083	value	-429.81	-429.81	-491.52	-491.52	-491.52	**-493.21**	**-493.21**	**-493.21**
	bound	-Inf	-Inf	-493.25	-493.25	-493.25	**-493.21**	**-493.21**	**-493.21**
	runtime	0.40	0.19	0.03	0.02	0.02	0.07	0.28	0.18
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000084	value	-592.41	-592.41	-654.89	-654.89	-654.89	**-655.98**	**-655.98**	**-655.98**
	bound	-Inf	-Inf	-656.45	-656.45	-656.45	**-655.98**	**-655.98**	**-655.98**
	runtime	0.20	0.09	0.03	0.02	0.02	0.16	0.47	0.45
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000085	value	-415.66	-415.66	-439.40	-439.40	-439.40	**-442.20**	**-442.20**	**-442.20**
	bound	-Inf	-Inf	-442.70	-442.70	-442.70	**-442.20**	-442.29	**-442.20**
	runtime	0.82	0.37	0.06	0.04	0.04	0.42	0.57	0.87
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
6000086	value	-899.04	-899.04	**-944.60**	**-944.60**	**-944.60**	**-944.60**	**-944.60**	**-944.60**
	bound	-Inf	-Inf	-945.89	-945.89	-945.89	**-944.60**	**-944.60**	**-944.60**
	runtime	5.08	3.04	0.15	0.09	0.09	4.30	5.31	6.49
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.06 GB	0.06 GB
6000087	value	-451.42	-451.42	-510.14	-510.14	-510.14	**-511.16**	**-511.16**	**-511.16**
	bound	-Inf	-Inf	-512.00	-512.00	-512.00	**-511.16**	**-511.16**	**-511.16**
	runtime	1.31	0.66	0.07	0.04	0.04	1.29	1.95	1.98
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB	0.05 GB
6000088	value	-737.28	-737.28	-779.37	-779.37	-779.37	**-782.13**	**-782.13**	**-782.13**
	bound	-Inf	-Inf	-783.64	-783.64	-783.64	**-782.13**	**-782.13**	**-782.13**
	runtime	3.68	2.11	0.49	0.36	0.37	2.49	11.94	9.49
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.06 GB	0.05 GB
6000089	value	-506.50	-506.50	-558.85	-558.85	-558.85	**-562.40**	**-562.40**	**-562.40**
	bound	-Inf	-Inf	-563.12	-563.12	-563.12	**-562.40**	**-562.40**	**-562.40**
	runtime	1.82	0.83	0.09	0.06	0.06	0.43	0.83	1.00
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000090	value	-603.40	-603.40	-629.82	-629.82	-629.82	**-631.38**	**-631.38**	**-631.38**
	bound	-Inf	-Inf	-631.75	-631.75	-631.75	**-631.38**	**-631.38**	**-631.38**
	runtime	5.49	2.52	0.43	0.20	0.21	2.14	3.13	2.92
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.06 GB
6000091	value	-646.23	-646.23	-683.28	-683.28	-683.28	**-685.91**	**-685.91**	**-685.91**
	bound	-Inf	-Inf	-686.12	-686.12	-686.12	**-685.91**	**-685.91**	**-685.91**
	runtime	1.69	0.83	0.40	0.25	0.27	0.49	1.87	1.86
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000092	value	-477.56	-477.56	-518.65	-518.65	-518.65	**-521.07**	**-521.07**	**-521.07**
	bound	-Inf	-Inf	-522.19	-522.19	-522.19	**-521.07**	**-521.07**	**-521.07**
	runtime	1.27	0.59	0.03	0.02	0.03	0.22	0.95	0.60
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.02 GB
6000093	value	-413.34	-413.34	-469.61	-469.61	-469.61	**-470.68**	**-470.68**	**-470.68**
	bound	-Inf	-Inf	-471.01	-471.01	-471.01	**-470.68**	**-470.68**	**-470.68**
	runtime	0.54	0.26	0.03	0.02	0.03	0.09	0.65	0.72
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000094	value	-654.35	-654.35	-709.02	-709.02	-709.02	**-709.80**	**-709.80**	**-709.80**
	bound	-Inf	-Inf	-710.53	-710.53	-710.53	**-709.80**	**-709.80**	**-709.80**
	runtime	0.49	0.24	0.06	0.05	0.05	0.45	0.61	0.88
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000095	value	-821.69	-821.69	-872.03	-872.03	-872.03	**-877.13**	**-877.13**	**-877.13**
	bound	-Inf	-Inf	-877.89	-877.89	-877.89	**-877.13**	**-877.13**	**-877.13**
	runtime	3.06	1.51	0.46	0.34	0.35	1.44	4.70	3.10
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000096	value	-697.87	-697.87	-745.21	-745.21	-745.21	**-746.58**	**-746.58**	**-746.58**
	bound	-Inf	-Inf	-746.65	-746.65	-746.65	**-746.58**	**-746.58**	**-746.58**
	runtime	0.70	0.30	0.09	0.06	0.06	0.16	0.61	0.71
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
6000097	value	-660.51	-660.51	-708.90	-708.90	-709.06	**-710.74**	**-710.74**	**-710.74**
	bound	-Inf	-Inf	-711.56	-711.56	-711.56	**-710.74**	**-710.74**	**-710.74**
	runtime	2.38	1.24	0.25	0.17	0.19	1.14	1.26	1.39
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000098	value	-533.72	-533.72	-562.77	-562.77	-562.77	**-566.27**	**-566.27**	**-566.27**
	bound	-Inf	-Inf	-567.43	-567.43	-567.43	**-566.27**	**-566.27**	**-566.27**
	runtime	0.41	0.18	0.02	0.01	0.01	1.29	1.13	1.32
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
6000099	value	-172.21	-172.21	-221.44	-221.44	-221.44	**-223.24**	**-223.24**	**-223.24**
	bound	-Inf	-Inf	-224.13	-224.13	-224.13	**-223.24**	**-223.24**	**-223.24**
	runtime	0.19	0.09	0.02	0.01	0.01	0.06	0.16	0.29
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.03 GB
6000100	value	-336.54	-336.54	-363.90	-363.90	-363.90	**-369.95**	**-369.95**	**-369.95**
	bound	-Inf	-Inf	-370.82	-370.82	-370.82	**-369.95**	**-369.95**	**-369.95**
	runtime	0.28	0.12	0.03	0.02	0.02	0.36	0.52	0.54
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000101	value	-668.95	-668.95	**-725.35**	**-725.35**	**-725.35**	**-725.35**	**-725.35**	**-725.35**
	bound	-Inf	-Inf	-725.57	-725.57	-725.57	**-725.35**	**-725.35**	**-725.35**
	runtime	0.31	0.13	0.03	0.02	0.03	0.08	0.28	0.31
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000102	value	-714.05	-714.05	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**
	bound	-Inf	-Inf	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**
	runtime	1.14	0.59	0.09	0.07	0.07	0.06	0.32	0.47
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB
6000103	value	-565.40	-565.40	-593.98	-593.98	-593.98	**-594.51**	**-594.51**	**-594.51**
	bound	-Inf	-Inf	-596.50	-596.50	-596.50	**-594.51**	**-594.51**	**-594.51**
	runtime	0.28	0.12	0.04	0.04	0.04	0.31	1.13	1.12
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000104	value	-574.89	-574.89	**-594.65**	**-594.65**	**-594.65**	**-594.65**	**-594.65**	**-594.65**
	bound	-Inf	-Inf	-594.75	-594.75	-594.75	**-594.65**	**-594.65**	**-594.65**
	runtime	0.30	0.13	0.02	0.01	0.01	0.06	0.16	0.16
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000105	value	-368.60	-368.60	-391.99	-391.99	-391.99	**-392.21**	**-392.21**	**-392.21**
	bound	-Inf	-Inf	-392.69	-392.69	-392.69	**-392.21**	**-392.21**	**-392.21**
	runtime	0.18	0.07	0.02	0.02	0.02	0.29	0.47	0.40
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
6000106	value	-627.79	-627.79	-666.72	-666.72	-666.72	**-668.04**	**-668.04**	**-668.04**
	bound	-Inf	-Inf	-670.18	-670.18	-670.18	**-668.04**	**-668.04**	**-668.04**
	runtime	0.58	0.31	0.06	0.04	0.04	0.41	0.62	0.63
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000107	value	-1031.24	-1031.24	-1050.66	-1050.66	-1050.66	**-1052.32**	**-1052.32**	**-1052.32**
	bound	-Inf	-Inf	-1052.81	-1052.81	-1052.81	**-1052.32**	**-1052.32**	**-1052.32**
	runtime	1.07	0.49	0.13	0.08	0.08	0.54	1.06	1.25
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000108	value	-976.32	-976.32	-992.20	-992.20	-992.20	**-994.44**	**-994.44**	**-994.44**
	bound	-Inf	-Inf	-995.40	-995.40	-995.40	**-994.44**	**-994.44**	**-994.44**
	runtime	1.63	0.74	0.27	0.20	0.21	0.87	1.74	2.14
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.06 GB	0.06 GB
6000109	value	-631.44	-631.44	-674.02	-674.02	-674.02	**-681.17**	**-681.17**	**-681.17**
	bound	-Inf	-Inf	-683.37	-683.37	-683.37	**-681.17**	**-681.17**	**-681.17**
	runtime	3.76	1.94	0.82	0.37	0.37	2.80	5.26	4.37
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000110	value	-511.20	-511.20	**-556.51**	**-556.51**	**-556.51**	**-556.51**	**-556.51**	**-556.51**
	bound	-Inf	-Inf	**-556.51**	**-556.51**	**-556.51**	**-556.51**	**-556.51**	**-556.51**
	runtime	1.01	0.47	0.07	0.05	0.04	0.04	0.44	0.44
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB
6000111	value	-796.75	-796.75	-845.79	-845.79	-845.79	**-846.61**	**-846.61**	**-846.61**
	bound	-Inf	-Inf	-847.27	-847.27	-847.27	**-846.61**	**-846.61**	**-846.61**
	runtime	1.52	0.74	0.06	0.05	0.05	0.57	1.17	1.11
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000112	value	-608.43	-608.43	-627.70	-627.70	-627.70	**-629.04**	**-629.04**	**-629.04**
	bound	-Inf	-Inf	-629.78	-629.78	-629.78	**-629.04**	**-629.04**	**-629.04**
	runtime	1.91	0.92	0.10	0.06	0.06	4.77	6.44	6.44
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000113	value	-642.60	-642.60	-666.40	-666.40	-666.40	**-667.25**	**-667.25**	**-667.25**
	bound	-Inf	-Inf	-667.73	-667.73	-667.73	**-667.25**	**-667.25**	**-667.25**
	runtime	0.85	0.41	0.09	0.05	0.05	0.15	0.56	0.60
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000114	value	-546.05	-546.05	-574.85	-572.36	-572.36	**-580.51**	**-580.51**	**-580.51**
	bound	-Inf	-Inf	-581.66	-581.66	-581.66	**-580.51**	**-580.51**	**-580.51**
	runtime	0.53	0.25	0.38	0.23	0.22	1.21	3.32	5.13
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000115	value	-731.37	-731.37	-772.21	-772.21	-772.21	**-772.80**	**-772.80**	**-772.80**
	bound	-Inf	-Inf	-772.99	-772.99	-772.99	**-772.80**	**-772.80**	**-772.80**
	runtime	0.65	0.30	0.08	0.06	0.06	0.32	0.54	1.00
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000116	value	-695.11	-695.11	-751.21	-751.21	-751.21	**-752.06**	**-752.06**	**-752.06**
	bound	-Inf	-Inf	-752.16	-752.16	-752.16	**-752.06**	**-752.06**	**-752.06**
	runtime	1.17	0.65	0.14	0.08	0.08	0.24	0.93	1.47
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000117	value	-340.48	-340.48	**-374.89**	**-374.89**	**-374.89**	**-374.89**	**-374.89**	**-374.89**
	bound	-Inf	-Inf	-374.99	-374.99	-374.99	**-374.89**	**-374.89**	**-374.89**
	runtime	0.37	0.17	0.02	0.01	0.01	0.06	0.36	0.58
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000118	value	-678.07	-678.07	-707.84	-707.84	-707.84	**-714.04**	**-714.04**	**-714.04**
	bound	-Inf	-Inf	-716.65	-716.65	-716.65	**-714.04**	**-714.04**	**-714.04**
	runtime	4.86	2.23	0.41	0.29	0.29	2.75	4.79	4.62
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.05 GB	0.05 GB
6000119	value	-698.63	-698.63	-723.55	-723.55	-723.55	**-727.60**	**-727.60**	**-727.60**
	bound	-Inf	-Inf	-727.93	-727.93	-727.93	**-727.60**	**-727.60**	**-727.60**
	runtime	1.19	0.54	0.14	0.10	0.11	0.47	1.85	3.59
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000120	value	-512.34	-512.34	-554.71	-554.71	-554.71	**-555.46**	**-555.46**	**-555.46**
	bound	-Inf	-Inf	-555.48	-555.48	-555.48	**-555.46**	**-555.46**	**-555.46**
	runtime	0.96	0.51	0.09	0.06	0.06	0.19	1.08	1.02
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000121	value	-346.29	-346.29	-382.95	-382.95	-382.95	**-383.02**	**-383.02**	**-383.02**
	bound	-Inf	-Inf	-383.06	-383.06	-383.06	**-383.02**	**-383.02**	**-383.02**
	runtime	0.23	0.10	0.03	0.02	0.02	0.06	0.15	0.20
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
6000122	value	-568.55	-568.55	-613.45	-613.45	-613.45	**-614.03**	**-614.03**	**-614.03**
	bound	-Inf	-Inf	-614.60	-614.60	-614.60	**-614.03**	**-614.03**	**-614.03**
	runtime	1.07	0.57	0.09	0.06	0.07	0.40	1.31	1.52
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000123	value	-570.45	-570.45	-593.81	-593.81	-593.81	**-596.33**	**-596.33**	**-596.33**
	bound	-Inf	-Inf	-596.61	-596.61	-596.61	**-596.33**	**-596.33**	**-596.33**
	runtime	1.37	0.73	0.05	0.03	0.04	0.15	0.33	0.34
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
6000124	value	-756.31	-756.31	-785.58	-785.58	-785.58	**-788.52**	**-788.52**	**-788.52**
	bound	-Inf	-Inf	-788.75	-788.75	-788.75	**-788.52**	**-788.52**	**-788.52**
	runtime	1.90	0.91	0.12	0.09	0.09	0.28	0.65	1.05
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000125	value	-801.56	-801.56	-816.65	-816.65	-816.65	**-822.59**	**-822.59**	**-822.59**
	bound	-Inf	-Inf	-827.46	-827.46	-827.46	**-822.59**	**-822.59**	**-822.59**
	runtime	1.62	0.78	0.17	0.10	0.10	0.87	1.42	1.21
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000126	value	-1005.36	-1005.36	-1041.60	-1041.60	-1041.60	**-1047.52**	**-1047.52**	**-1047.52**
	bound	-Inf	-Inf	-1048.00	-1048.00	-1048.00	**-1047.52**	**-1047.52**	**-1047.52**
	runtime	1.24	0.69	0.20	0.10	0.10	1.71	2.41	2.35
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000127	value	-607.75	-607.75	-660.61	-660.61	-661.37	**-661.82**	**-661.82**	**-661.82**
	bound	-Inf	-Inf	-662.15	-662.15	-662.13	**-661.82**	**-661.82**	**-661.82**
	runtime	1.21	0.56	0.12	0.07	0.08	0.36	0.83	0.94
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000128	value	-843.51	-843.51	-883.56	-883.56	-883.56	**-886.11**	**-886.11**	**-886.11**
	bound	-Inf	-Inf	-887.00	-887.00	-887.00	**-886.11**	**-886.11**	**-886.11**
	runtime	2.14	0.95	0.47	0.36	0.36	1.40	2.54	2.93
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000129	value	-450.21	-450.21	-486.66	-486.66	-486.66	**-487.42**	**-487.42**	**-487.42**
	bound	-Inf	-Inf	-487.46	-487.46	-487.46	**-487.42**	**-487.42**	**-487.42**
	runtime	0.20	0.07	0.04	0.02	0.02	0.07	0.20	0.36
	memory (GB)	0.00 GB	0.00 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB
6000130	value	-639.65	-639.65	-674.38	-674.38	-674.38	**-679.13**	**-679.13**	**-679.13**
	bound	-Inf	-Inf	-680.53	-680.53	-680.53	**-679.13**	**-679.13**	**-679.13**
	runtime	0.80	0.36	0.22	0.12	0.12	0.54	1.84	1.58
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000131	value	-587.39	-587.39	-649.03	-649.03	-649.03	**-652.15**	**-652.15**	**-652.15**
	bound	-Inf	-Inf	-653.00	-653.00	-653.00	**-652.15**	-652.75	**-652.15**
	runtime	0.78	0.37	0.13	0.05	0.05	0.32	1.15	1.19
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000132	value	-727.38	-727.38	-759.28	-759.28	-759.28	**-762.29**	**-762.29**	**-762.29**
	bound	-Inf	-Inf	-766.20	-766.20	-766.20	**-762.29**	**-762.29**	**-762.29**
	runtime	1.12	0.54	0.13	0.10	0.10	0.27	0.53	0.52
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000133	value	-547.32	-547.32	-590.81	-590.81	-590.81	**-591.55**	**-591.55**	**-591.55**
	bound	-Inf	-Inf	-592.98	-592.98	-592.98	**-591.55**	**-591.55**	**-591.55**
	runtime	0.44	0.19	0.03	0.02	0.02	1.28	1.59	1.57
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000134	value	-628.71	-628.71	-688.23	-688.23	-688.23	**-691.13**	**-691.13**	**-691.13**
	bound	-Inf	-Inf	-693.72	-693.72	-693.72	**-691.13**	**-691.13**	**-691.13**
	runtime	1.80	0.89	0.15	0.12	0.12	0.85	1.17	1.74
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000135	value	-887.27	-887.27	-909.81	-909.81	-909.81	**-909.84**	**-909.84**	**-909.84**
	bound	-Inf	-Inf	-909.88	-909.88	-909.88	**-909.84**	**-909.84**	**-909.84**
	runtime	0.76	0.33	0.14	0.09	0.09	0.17	0.67	0.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000136	value	-572.11	-572.11	-598.90	-598.90	-598.90	**-599.71**	**-599.71**	**-599.71**
	bound	-Inf	-Inf	-600.55	-600.55	-600.55	**-599.71**	**-599.71**	**-599.71**
	runtime	2.10	0.98	0.11	0.08	0.08	0.79	1.25	1.54
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000137	value	-441.57	-441.57	-466.84	-466.84	-466.84	**-467.35**	**-467.35**	**-467.35**
	bound	-Inf	-Inf	-469.92	-469.92	-469.92	**-467.35**	**-467.35**	**-467.35**
	runtime	1.49	0.74	0.07	0.06	0.06	0.70	0.66	0.82
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
6000138	value	-641.73	-641.73	-669.13	-669.13	-669.13	**-671.23**	**-671.23**	**-671.23**
	bound	-Inf	-Inf	-672.16	-672.16	-672.16	**-671.23**	**-671.23**	**-671.23**
	runtime	1.84	0.92	0.22	0.12	0.12	0.87	1.44	1.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000139	value	-724.63	-724.63	-747.13	-747.13	-747.13	**-747.97**	**-747.97**	**-747.97**
	bound	-Inf	-Inf	-749.92	-749.92	-749.92	**-747.97**	**-747.97**	**-747.97**
	runtime	0.81	0.38	0.11	0.08	0.08	0.40	0.51	0.63
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000140	value	-888.41	-888.41	**-922.69**	**-922.69**	**-922.69**	**-922.69**	**-922.69**	**-922.69**
	bound	-Inf	-Inf	-922.80	-922.80	-922.80	**-922.69**	**-922.69**	**-922.69**
	runtime	1.19	0.57	0.16	0.16	0.17	0.24	0.98	0.67
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000141	value	-665.87	-665.87	-705.70	-705.70	-705.70	**-707.29**	**-707.29**	**-707.29**
	bound	-Inf	-Inf	-708.48	-708.48	-708.48	**-707.29**	**-707.29**	**-707.29**
	runtime	2.35	1.20	0.28	0.13	0.14	23.34	18.54	17.05
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000142	value	-625.17	-625.17	-654.78	-654.78	-654.78	**-656.55**	**-656.55**	**-656.55**
	bound	-Inf	-Inf	-657.48	-657.48	-657.48	**-656.55**	**-656.55**	**-656.55**
	runtime	1.58	0.77	0.10	0.08	0.08	0.54	1.62	2.10
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000143	value	-668.34	-668.34	-693.44	-693.44	-693.44	**-694.32**	**-694.32**	**-694.32**
	bound	-Inf	-Inf	-695.51	-695.51	-695.51	**-694.32**	**-694.32**	**-694.32**
	runtime	0.95	0.47	0.14	0.09	0.10	2.86	3.62	3.47
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000144	value	-574.29	-574.29	-607.78	-607.78	-607.78	**-609.14**	**-609.14**	**-609.14**
	bound	-Inf	-Inf	-609.30	-609.30	-609.30	**-609.14**	**-609.14**	**-609.14**
	runtime	1.40	0.64	0.07	0.07	0.08	0.22	0.92	1.03
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
6000145	value	-470.18	-470.18	-504.10	-504.10	-504.10	**-504.40**	**-504.40**	**-504.40**
	bound	-Inf	-Inf	-504.41	-504.41	-504.41	**-504.40**	**-504.40**	**-504.40**
	runtime	0.27	0.11	0.04	0.02	0.03	0.07	0.28	0.34
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000146	value	-312.84	-312.84	-355.16	-355.16	-355.16	**-355.28**	**-355.28**	**-355.28**
	bound	-Inf	-Inf	-355.53	-355.53	-355.53	**-355.28**	**-355.28**	**-355.28**
	runtime	0.39	0.16	0.02	0.02	0.02	0.13	0.60	0.44
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000147	value	-668.64	-668.64	-702.56	-702.56	-702.56	**-706.17**	**-706.17**	**-706.17**
	bound	-Inf	-Inf	-707.32	-707.32	-707.32	**-706.17**	**-706.17**	**-706.17**
	runtime	2.96	1.46	0.18	0.15	0.15	1.04	3.38	1.84
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000148	value	-884.49	-884.49	**-928.50**	**-928.50**	**-928.50**	**-928.50**	**-928.50**	**-928.50**
	bound	-Inf	-Inf	-928.71	-928.71	-928.71	**-928.50**	**-928.50**	**-928.50**
	runtime	1.83	0.93	0.08	0.08	0.08	0.34	0.76	0.93
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB	0.05 GB
6000149	value	-676.59	-676.59	-716.41	-716.41	-716.41	**-716.99**	**-716.99**	**-716.99**
	bound	-Inf	-Inf	-717.34	-717.34	-717.34	**-716.99**	**-716.99**	**-716.99**
	runtime	1.17	0.52	0.05	0.03	0.04	0.43	0.66	0.93
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000150	value	-693.07	-693.07	-739.38	-739.38	-739.38	**-741.33**	**-741.33**	**-741.33**
	bound	-Inf	-Inf	-741.95	-741.95	-741.95	**-741.33**	**-741.33**	**-741.33**
	runtime	7.89	3.92	0.43	0.24	0.25	2.01	2.97	3.08
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.06 GB	0.07 GB
6000151	value	-562.98	-562.98	-580.96	-580.96	-580.96	**-585.19**	**-585.19**	**-585.19**
	bound	-Inf	-Inf	-585.85	-585.85	-585.85	**-585.19**	**-585.19**	**-585.19**
	runtime	0.75	0.32	0.07	0.05	0.05	0.72	1.58	1.58
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
6000152	value	-447.41	-447.41	-468.26	-468.26	-468.26	**-473.27**	**-473.27**	**-473.27**
	bound	-Inf	-Inf	-473.79	-473.79	-473.79	**-473.27**	**-473.27**	**-473.27**
	runtime	1.29	0.68	0.19	0.11	0.13	1.89	3.09	2.30
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000153	value	-428.51	-428.51	-467.12	-467.12	-467.12	**-467.50**	**-467.50**	**-467.50**
	bound	-Inf	-Inf	-467.92	-467.92	-467.92	**-467.50**	**-467.50**	**-467.50**
	runtime	0.54	0.24	0.07	0.04	0.04	0.29	0.89	1.09
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000154	value	-488.33	-488.33	-543.00	-543.00	-543.00	**-544.82**	**-544.82**	**-544.82**
	bound	-Inf	-Inf	-545.30	-545.30	-545.30	**-544.82**	**-544.82**	**-544.82**
	runtime	0.60	0.25	0.03	0.01	0.02	0.93	1.10	1.53
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000155	value	-580.96	-580.96	-631.16	-631.16	-631.16	**-634.56**	**-634.56**	**-634.56**
	bound	-Inf	-Inf	-635.71	-635.71	-635.71	**-634.56**	**-634.56**	**-634.56**
	runtime	1.18	0.61	0.16	0.14	0.14	0.76	2.03	2.24
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000156	value	-1006.12	-1006.12	-1031.01	-1031.01	-1031.01	**-1032.75**	**-1032.75**	**-1032.75**
	bound	-Inf	-Inf	-1033.59	-1033.59	-1033.59	**-1032.75**	**-1032.75**	**-1032.75**
	runtime	6.04	2.94	0.40	0.30	0.32	3.01	3.57	3.21
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.06 GB	0.07 GB
6000157	value	-743.81	-743.81	-783.19	-783.19	-783.19	**-785.69**	**-785.69**	**-785.69**
	bound	-Inf	-Inf	-785.79	-785.79	-785.79	**-785.69**	**-785.69**	**-785.69**
	runtime	1.36	0.64	0.26	0.19	0.20	0.34	0.51	1.00
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
6000158	value	-408.55	-408.55	-491.35	-491.35	-491.35	**-492.50**	**-492.50**	**-492.50**
	bound	-Inf	-Inf	-493.19	-493.19	-493.19	**-492.50**	**-492.50**	**-492.50**
	runtime	1.35	0.65	0.04	0.02	0.02	1.14	1.56	1.37
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000159	value	-606.95	-606.95	-630.16	-630.16	-630.16	**-633.84**	**-633.84**	**-633.84**
	bound	-Inf	-Inf	-636.18	-636.18	-636.18	**-633.84**	**-633.84**	**-633.84**
	runtime	0.43	0.18	0.11	0.08	0.08	5.48	15.45	16.01
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000160	value	-456.70	-456.70	-510.18	-510.18	-510.18	**-510.64**	**-510.64**	**-510.64**
	bound	-Inf	-Inf	-512.45	-512.45	-512.45	**-510.64**	**-510.64**	**-510.64**
	runtime	0.30	0.13	0.03	0.02	0.02	0.09	0.33	0.59
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000161	value	-251.23	-251.23	-292.35	-292.35	-292.35	**-293.91**	**-293.91**	**-293.91**
	bound	-Inf	-Inf	-294.58	-294.58	-294.58	**-293.91**	**-293.91**	**-293.91**
	runtime	0.36	0.18	0.01	0.01	0.01	0.53	0.87	0.86
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000162	value	-528.44	-528.44	-594.79	-594.79	-594.79	**-594.89**	**-594.89**	**-594.89**
	bound	-Inf	-Inf	-596.54	-596.54	-596.54	**-594.89**	**-594.89**	**-594.89**
	runtime	0.84	0.37	0.06	0.04	0.05	1.51	1.52	1.70
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
6000163	value	-866.74	-866.74	-897.54	-897.54	-897.54	**-900.91**	**-900.91**	**-900.91**
	bound	-Inf	-Inf	-901.37	-901.37	-901.37	**-900.91**	**-900.91**	**-900.91**
	runtime	2.71	1.32	0.17	0.09	0.09	0.56	3.84	2.13
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
6000164	value	-512.21	-512.21	**-550.01**	**-550.01**	**-550.01**	**-550.01**	**-550.01**	**-550.01**
	bound	-Inf	-Inf	-550.70	-550.70	-550.70	**-550.01**	**-550.01**	**-550.01**
	runtime	1.59	0.74	0.03	0.02	0.02	0.54	0.68	0.64
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000165	value	-526.71	-526.71	-555.10	-555.10	-555.10	**-555.52**	**-555.52**	**-555.52**
	bound	-Inf	-Inf	-555.89	-555.89	-555.89	**-555.52**	**-555.52**	**-555.52**
	runtime	0.26	0.11	0.05	0.04	0.04	0.34	0.51	0.54
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000166	value	-661.11	-661.11	-686.18	-686.18	-686.18	**-686.56**	**-686.56**	**-686.56**
	bound	-Inf	-Inf	-686.57	-686.57	-686.57	**-686.56**	**-686.56**	**-686.56**
	runtime	1.08	0.50	0.05	0.05	0.05	0.12	0.69	0.74
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000167	value	-204.06	-204.06	-235.57	-235.57	-235.57	**-237.81**	**-237.81**	**-237.81**
	bound	-Inf	-Inf	-238.67	-238.67	-238.67	**-237.81**	**-237.81**	**-237.81**
	runtime	0.64	0.28	0.02	0.01	0.01	0.48	0.74	0.72
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000168	value	-504.88	-504.88	-547.94	-547.94	-547.94	**-548.07**	**-548.07**	**-548.07**
	bound	-Inf	-Inf	-548.20	-548.20	-548.20	**-548.07**	**-548.07**	**-548.07**
	runtime	2.52	1.19	0.08	0.05	0.06	0.16	0.40	0.59
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.05 GB
6000169	value	-683.41	-683.41	-740.93	-740.93	-740.93	**-742.32**	**-742.32**	**-742.32**
	bound	-Inf	-Inf	-743.32	-743.32	-743.32	**-742.32**	**-742.32**	**-742.32**
	runtime	5.43	2.57	0.12	0.09	0.10	2.37	3.76	3.56
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000170	value	-404.39	-404.39	**-427.11**	**-427.11**	**-427.11**	**-427.11**	**-427.11**	**-427.11**
	bound	-Inf	-Inf	-427.13	-427.13	-427.13	**-427.11**	**-427.11**	**-427.11**
	runtime	1.04	0.53	0.07	0.03	0.04	0.14	0.68	0.95
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000171	value	-574.91	-574.91	-580.07	-580.07	-580.07	**-583.91**	**-583.91**	**-583.91**
	bound	-Inf	-Inf	-584.34	-584.34	-584.34	**-583.91**	**-583.91**	**-583.91**
	runtime	0.75	0.32	0.06	0.03	0.04	0.45	1.14	1.09
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000172	value	-380.31	-380.31	-415.47	-415.47	-415.47	**-416.10**	**-416.10**	**-416.10**
	bound	-Inf	-Inf	-416.17	-416.17	-416.17	**-416.10**	**-416.10**	**-416.10**
	runtime	0.64	0.31	0.05	0.03	0.03	0.20	0.65	0.72
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000173	value	-726.48	-726.48	**-773.76**	**-773.76**	**-773.76**	**-773.76**	**-773.76**	**-773.76**
	bound	-Inf	-Inf	**-773.76**	**-773.76**	**-773.76**	**-773.76**	**-773.76**	**-773.76**
	runtime	0.97	0.42	0.04	0.03	0.03	0.03	0.56	0.40
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.03 GB
6000174	value	-960.89	-960.89	**-983.44**	**-983.44**	**-983.44**	**-983.44**	**-983.44**	**-983.44**
	bound	-Inf	-Inf	-984.80	-984.80	-984.80	**-983.44**	**-983.44**	**-983.44**
	runtime	6.80	3.35	0.53	0.30	0.31	0.49	1.47	1.13
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.05 GB	0.05 GB
6000175	value	-875.00	-875.00	-900.91	-900.91	-900.91	**-904.61**	**-904.61**	**-904.61**
	bound	-Inf	-Inf	-906.37	-906.37	-906.37	**-904.61**	**-904.61**	**-904.61**
	runtime	5.36	2.86	0.83	0.53	0.54	3.59	4.91	2.56
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.06 GB	0.07 GB
6000176	value	-512.73	-512.73	-593.27	-593.27	-593.27	**-593.28**	**-593.28**	**-593.28**
	bound	-Inf	-Inf	-593.28	-593.28	-593.28	**-593.28**	**-593.28**	**-593.28**
	runtime	2.62	1.27	0.09	0.04	0.04	0.13	0.58	1.01
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000177	value	-397.95	-397.95	-440.84	-440.84	-440.84	**-442.22**	**-442.22**	**-442.22**
	bound	-Inf	-Inf	-443.54	-443.54	-443.54	**-442.22**	**-442.22**	**-442.22**
	runtime	0.68	0.30	0.04	0.02	0.03	0.83	1.73	1.17
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000178	value	-588.88	-588.88	**-632.23**	**-632.23**	**-632.23**	**-632.23**	**-632.23**	**-632.23**
	bound	-Inf	-Inf	-633.04	-633.04	-633.04	**-632.23**	**-632.23**	**-632.23**
	runtime	1.69	0.86	0.06	0.04	0.05	0.48	0.82	1.53
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000179	value	-496.53	-496.53	-540.82	-540.82	-540.82	**-541.14**	**-541.14**	**-541.14**
	bound	-Inf	-Inf	-541.29	-541.29	-541.29	**-541.14**	**-541.14**	**-541.14**
	runtime	1.98	0.91	0.04	0.03	0.03	0.40	1.28	1.43
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000180	value	-458.96	-458.96	**-506.95**	**-506.95**	**-506.95**	**-506.95**	**-506.95**	**-506.95**
	bound	-Inf	-Inf	-507.09	-507.09	-507.09	**-506.95**	**-506.95**	**-506.95**
	runtime	1.08	0.52	0.07	0.05	0.05	0.25	1.05	1.08
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000181	value	-431.22	-431.22	-465.67	-465.67	-465.67	**-466.31**	**-466.31**	**-466.31**
	bound	-Inf	-Inf	-466.49	-466.49	-466.49	**-466.31**	**-466.31**	**-466.31**
	runtime	0.79	0.34	0.04	0.02	0.02	0.14	0.63	0.96
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000182	value	-468.31	-468.31	-533.21	-533.21	-533.21	**-534.06**	**-534.06**	**-534.06**
	bound	-Inf	-Inf	-534.66	-534.66	-534.66	**-534.06**	**-534.06**	**-534.06**
	runtime	1.46	0.75	0.05	0.03	0.04	0.23	0.75	1.09
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000183	value	-608.31	-608.31	-636.95	-636.95	-636.95	**-637.04**	**-637.04**	**-637.04**
	bound	-Inf	-Inf	-637.10	-637.10	-637.10	**-637.04**	**-637.04**	**-637.04**
	runtime	1.29	0.56	0.05	0.03	0.04	0.24	0.65	0.39
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000184	value	-721.36	-721.36	-788.94	-788.94	-788.94	**-791.26**	**-791.26**	**-791.26**
	bound	-Inf	-Inf	-791.99	-791.99	-791.99	**-791.26**	**-791.26**	**-791.26**
	runtime	2.08	1.03	0.10	0.07	0.07	0.67	1.14	1.27
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000185	value	-562.23	-562.23	-585.35	-585.35	-585.35	**-587.05**	**-587.05**	**-587.05**
	bound	-Inf	-Inf	-587.28	-587.28	-587.28	**-587.05**	**-587.05**	**-587.05**
	runtime	1.70	0.85	0.08	0.04	0.04	0.33	0.87	0.62
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000186	value	-505.67	-505.67	-536.22	-536.22	-536.22	**-538.48**	**-538.48**	**-538.48**
	bound	-Inf	-Inf	-539.26	-539.26	-539.26	**-538.48**	**-538.48**	**-538.48**
	runtime	2.88	1.34	0.08	0.05	0.05	0.31	2.80	1.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000187	value	-508.29	-508.29	-532.69	-532.69	-532.69	**-533.84**	**-533.84**	**-533.84**
	bound	-Inf	-Inf	-534.16	-534.16	-534.16	**-533.84**	**-533.84**	**-533.84**
	runtime	1.99	0.96	0.07	0.04	0.04	0.36	0.43	0.74
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000188	value	-589.26	-589.26	-622.19	-622.19	-622.19	**-624.74**	**-624.74**	**-624.74**
	bound	-Inf	-Inf	-624.90	-624.90	-624.90	**-624.74**	**-624.74**	**-624.74**
	runtime	7.38	3.57	0.20	0.12	0.11	0.33	1.19	1.37
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.05 GB	0.05 GB
6000189	value	-519.53	-519.53	-550.66	-550.66	-550.66	**-552.34**	**-552.34**	**-552.34**
	bound	-Inf	-Inf	-552.43	-552.43	-552.43	**-552.34**	**-552.34**	**-552.34**
	runtime	1.66	0.83	0.12	0.07	0.07	0.21	1.37	1.12
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
6000190	value	-452.09	-452.09	**-481.77**	**-481.77**	**-481.77**	**-481.77**	**-481.77**	**-481.77**
	bound	-Inf	-Inf	**-481.77**	**-481.77**	**-481.77**	**-481.77**	**-481.77**	**-481.77**
	runtime	0.49	0.21	0.03	0.02	0.02	0.02	0.18	0.33
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000191	value	-348.68	-348.68	**-415.54**	**-415.54**	**-415.54**	**-415.54**	**-415.54**	**-415.54**
	bound	-Inf	-Inf	**-415.54**	**-415.54**	**-415.54**	**-415.54**	**-415.54**	**-415.54**
	runtime	0.32	0.16	0.04	0.02	0.02	0.02	0.35	0.51
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000192	value	-316.60	-316.60	-349.89	-349.89	-349.89	**-350.16**	**-350.16**	**-350.16**
	bound	-Inf	-Inf	-350.22	-350.22	-350.22	**-350.16**	**-350.16**	**-350.16**
	runtime	0.67	0.31	0.02	0.01	0.01	0.07	0.25	0.28
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000193	value	-412.97	-412.97	-454.05	-454.05	-454.05	**-455.59**	**-455.59**	**-455.59**
	bound	-Inf	-Inf	-456.05	-456.05	-456.05	**-455.59**	**-455.59**	**-455.59**
	runtime	0.57	0.29	0.08	0.06	0.06	0.29	0.61	0.52
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000194	value	-422.97	-422.97	**-485.00**	**-485.00**	**-485.00**	**-485.00**	**-485.00**	**-485.00**
	bound	-Inf	-Inf	-485.53	-485.53	-485.53	**-485.00**	**-485.00**	**-485.00**
	runtime	0.93	0.44	0.04	0.03	0.03	0.15	0.80	0.62
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000195	value	-557.41	-557.41	**-607.04**	**-607.04**	**-607.04**	**-607.04**	**-607.04**	**-607.04**
	bound	-Inf	-Inf	**-607.04**	**-607.04**	**-607.04**	**-607.04**	**-607.04**	**-607.04**
	runtime	0.70	0.34	0.05	0.05	0.04	0.05	0.32	0.54
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB
6000196	value	-429.88	-429.88	-487.20	-487.20	-487.20	**-487.73**	**-487.73**	**-487.73**
	bound	-Inf	-Inf	-488.10	-488.10	-488.10	**-487.73**	**-487.73**	**-487.73**
	runtime	1.75	0.79	0.06	0.03	0.04	0.34	0.60	1.32
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000197	value	-533.82	-533.82	-584.90	-584.90	-584.90	**-585.40**	**-585.40**	**-585.40**
	bound	-Inf	-Inf	-585.99	-585.99	-585.99	**-585.40**	**-585.40**	**-585.40**
	runtime	0.42	0.20	0.05	0.04	0.03	0.65	0.90	1.12
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000198	value	-401.00	-401.00	**-443.19**	**-443.19**	**-443.19**	**-443.19**	**-443.19**	**-443.19**
	bound	-Inf	-Inf	-443.19	-443.19	-443.19	**-443.19**	**-443.19**	**-443.19**
	runtime	0.50	0.22	0.02	0.01	0.01	0.07	0.21	0.37
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000199	value	-417.32	-417.32	**-452.62**	**-452.62**	**-452.62**	**-452.62**	**-452.62**	**-452.62**
	bound	-Inf	-Inf	**-452.62**	**-452.62**	**-452.62**	**-452.62**	**-452.62**	**-452.62**
	runtime	0.37	0.15	0.02	0.01	0.02	0.01	0.09	0.11
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
6000200	value	-437.97	-437.97	-464.76	-464.76	-464.76	**-465.76**	**-465.76**	**-465.76**
	bound	-Inf	-Inf	-466.72	-466.72	-466.72	**-465.76**	**-465.76**	**-465.76**
	runtime	0.86	0.46	0.08	0.06	0.06	0.52	0.65	1.02
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
6000201	value	-524.87	-524.87	-598.25	-598.25	-598.25	**-599.92**	**-599.92**	**-599.92**
	bound	-Inf	-Inf	-601.11	-601.11	-601.11	**-599.92**	**-599.92**	**-599.92**
	runtime	0.31	0.14	0.03	0.03	0.03	0.19	0.24	0.27
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000202	value	-791.27	-791.27	**-843.50**	**-843.50**	**-843.50**	**-843.50**	**-843.50**	**-843.50**
	bound	-Inf	-Inf	**-843.50**	**-843.50**	**-843.50**	**-843.50**	**-843.50**	**-843.50**
	runtime	2.24	1.15	0.16	0.10	0.10	0.11	1.24	0.79
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB
6000203	value	-629.96	-629.96	-651.90	-651.90	-654.78	**-655.51**	**-655.51**	**-655.51**
	bound	-Inf	-Inf	-655.69	-655.69	-655.69	**-655.51**	**-655.51**	**-655.51**
	runtime	3.34	1.76	0.11	0.08	0.08	0.52	0.88	1.16
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000204	value	-484.84	-484.84	**-522.53**	**-522.53**	**-522.53**	**-522.53**	**-522.53**	**-522.53**
	bound	-Inf	-Inf	**-522.53**	**-522.53**	**-522.53**	**-522.53**	**-522.53**	**-522.53**
	runtime	1.40	0.75	0.04	0.03	0.02	0.03	0.40	0.40
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000205	value	-751.98	-751.98	-786.49	-786.49	-786.49	**-786.78**	**-786.78**	**-786.78**
	bound	-Inf	-Inf	-787.23	-787.23	-787.23	**-786.78**	**-786.78**	**-786.78**
	runtime	16.14	8.06	0.28	0.18	0.17	1.41	2.21	1.62
	memory (GB)	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.07 GB	0.07 GB
6000206	value	-664.03	-664.03	-705.41	-705.41	-705.41	**-706.88**	**-706.88**	**-706.88**
	bound	-Inf	-Inf	-708.55	-708.55	-708.55	**-706.88**	**-706.88**	**-706.88**
	runtime	1.02	0.47	0.08	0.06	0.06	0.46	2.05	1.17
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000207	value	-418.89	-418.89	-439.13	-439.13	-439.13	**-440.05**	**-440.05**	**-440.05**
	bound	-Inf	-Inf	-440.08	-440.08	-440.08	**-440.05**	**-440.05**	**-440.05**
	runtime	0.41	0.21	0.04	0.03	0.03	0.17	0.54	0.45
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000208	value	-451.17	-451.17	**-487.76**	**-487.76**	**-487.76**	**-487.76**	**-487.76**	**-487.76**
	bound	-Inf	-Inf	**-487.76**	**-487.76**	**-487.76**	**-487.76**	**-487.76**	**-487.76**
	runtime	1.21	0.59	0.04	0.03	0.02	0.02	0.44	0.30
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000209	value	-539.30	-539.30	-575.02	-575.02	-575.02	**-576.55**	**-576.55**	**-576.55**
	bound	-Inf	-Inf	-576.84	-576.84	-576.84	**-576.55**	**-576.55**	**-576.55**
	runtime	2.12	1.02	0.11	0.07	0.07	0.20	0.96	0.95
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000210	value	-586.80	-586.80	-632.53	-632.53	-632.53	**-633.37**	**-633.37**	**-633.37**
	bound	-Inf	-Inf	-633.38	-633.38	-633.38	**-633.37**	**-633.37**	**-633.37**
	runtime	3.92	2.15	0.18	0.12	0.14	0.28	1.76	2.04
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
6000211	value	-506.10	-506.10	**-562.88**	**-562.88**	**-562.88**	**-562.88**	**-562.88**	**-562.88**
	bound	-Inf	-Inf	**-562.88**	**-562.88**	**-562.88**	**-562.88**	**-562.88**	**-562.88**
	runtime	0.90	0.42	0.04	0.02	0.02	0.02	0.28	0.39
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
6000212	value	-641.75	-641.75	-679.41	-679.41	-679.41	**-681.36**	**-681.36**	**-681.36**
	bound	-Inf	-Inf	-681.78	-681.78	-681.78	**-681.36**	**-681.36**	**-681.36**
	runtime	3.24	1.53	0.15	0.06	0.07	0.89	1.64	1.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000213	value	-649.70	-649.70	-675.92	-675.92	-675.92	**-677.81**	**-677.81**	**-677.81**
	bound	-Inf	-Inf	-679.70	-679.70	-679.70	**-677.81**	**-677.81**	**-677.81**
	runtime	3.60	2.22	0.21	0.12	0.13	1.68	2.36	2.96
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.06 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
6000214	value	-455.14	-455.14	-522.76	-522.76	-522.76	**-523.21**	**-523.21**	**-523.21**
	bound	-Inf	-Inf	-523.25	-523.25	-523.25	**-523.21**	**-523.21**	**-523.21**
	runtime	0.62	0.29	0.05	0.04	0.04	0.10	0.68	0.98
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
6000215	value	-601.11	-601.11	-616.22	-616.22	-616.22	**-616.60**	**-616.60**	**-616.60**
	bound	-Inf	-Inf	-618.86	-618.86	-618.86	**-616.60**	**-616.60**	**-616.60**
	runtime	0.40	0.20	0.03	0.02	0.02	0.41	0.67	0.73
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000216	value	-590.75	-590.75	-637.39	-637.39	-637.39	**-639.08**	**-639.08**	**-639.08**
	bound	-Inf	-Inf	-641.63	-641.63	-641.63	**-639.08**	**-639.08**	**-639.08**
	runtime	0.50	0.21	0.04	0.02	0.02	0.28	0.39	0.42
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000217	value	-791.85	-791.85	-853.56	-853.56	-853.56	**-854.65**	**-854.65**	**-854.65**
	bound	-Inf	-Inf	-855.77	-855.77	-855.77	**-854.65**	**-854.65**	**-854.65**
	runtime	2.51	1.35	0.38	0.21	0.21	1.09	1.51	2.65
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000218	value	-567.94	-567.94	-608.21	-608.21	-608.21	**-609.09**	**-609.09**	**-609.09**
	bound	-Inf	-Inf	-609.79	-609.79	-609.79	**-609.09**	**-609.09**	**-609.09**
	runtime	1.10	0.47	0.07	0.04	0.05	0.67	0.68	1.19
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000219	value	-527.87	-527.87	-569.70	-569.70	-569.70	**-570.08**	**-570.08**	**-570.08**
	bound	-Inf	-Inf	-571.31	-571.31	-571.31	**-570.08**	**-570.08**	**-570.08**
	runtime	0.35	0.15	0.11	0.07	0.07	0.11	0.83	0.81
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000220	value	-788.70	-788.70	-811.27	-811.27	-811.27	**-814.14**	**-814.14**	**-814.14**
	bound	-Inf	-Inf	-814.88	-814.88	-814.88	**-814.14**	**-814.14**	**-814.14**
	runtime	2.22	1.03	0.25	0.19	0.19	1.50	1.51	2.06
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000221	value	-659.93	-659.93	-706.70	-706.70	-706.70	**-709.81**	**-709.81**	**-709.81**
	bound	-Inf	-Inf	-711.08	-711.08	-711.08	**-709.81**	**-709.81**	**-709.81**
	runtime	0.78	0.36	0.14	0.08	0.08	1.32	2.12	2.12
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000222	value	-751.23	-751.23	-770.25	-770.25	-770.25	**-770.74**	**-770.74**	**-770.74**
	bound	-Inf	-Inf	-770.75	-770.75	-770.75	**-770.74**	**-770.74**	**-770.74**
	runtime	6.19	3.55	0.79	0.47	0.49	0.87	1.38	1.31
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.05 GB	0.06 GB
6000223	value	-644.14	-644.14	-666.35	-666.35	-666.35	**-666.68**	**-666.68**	**-666.68**
	bound	-Inf	-Inf	-667.92	-667.92	-667.92	**-666.68**	**-666.68**	**-666.68**
	runtime	0.68	0.32	0.08	0.05	0.06	1.68	2.19	2.70
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000224	value	-612.57	-612.57	-646.87	-646.87	-646.87	**-649.94**	**-649.94**	**-649.94**
	bound	-Inf	-Inf	-651.80	-651.80	-651.80	**-649.94**	**-649.94**	**-649.94**
	runtime	3.35	1.58	0.26	0.18	0.20	1.52	2.73	3.02
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000225	value	-831.22	-831.22	-892.23	-892.23	-892.23	**-893.67**	**-893.67**	**-893.67**
	bound	-Inf	-Inf	-894.06	-894.06	-894.06	**-893.67**	**-893.67**	**-893.67**
	runtime	2.69	1.31	0.12	0.04	0.05	0.25	1.20	0.90
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000226	value	-655.30	-655.30	-671.54	-671.54	-671.54	**-672.83**	**-672.83**	**-672.83**
	bound	-Inf	-Inf	-672.95	-672.95	-672.95	**-672.83**	**-672.83**	**-672.83**
	runtime	0.94	0.43	0.19	0.15	0.16	0.24	1.25	0.79
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000227	value	-612.50	-612.50	-665.30	-665.30	-665.30	**-667.39**	**-667.39**	**-667.39**
	bound	-Inf	-Inf	-668.83	-668.83	-668.83	**-667.39**	**-667.39**	**-667.39**
	runtime	2.31	1.08	0.09	0.05	0.06	2.19	4.00	3.82
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000228	value	-867.41	-867.41	-889.52	-889.52	-889.52	**-890.18**	**-890.18**	**-890.18**
	bound	-Inf	-Inf	-891.22	-891.22	-891.22	**-890.18**	**-890.18**	**-890.18**
	runtime	1.88	0.89	0.24	0.20	0.20	0.56	0.85	0.70
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000229	value	-537.01	-537.01	-563.56	-563.56	-563.56	**-564.51**	**-564.51**	**-564.51**
	bound	-Inf	-Inf	-565.07	-565.07	-565.07	**-564.51**	**-564.51**	**-564.51**
	runtime	0.56	0.27	0.05	0.05	0.05	0.44	0.87	0.48
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000230	value	-546.37	-546.37	-582.03	-582.03	-582.03	**-583.84**	**-583.84**	**-583.84**
	bound	-Inf	-Inf	-584.64	-584.64	-584.64	**-583.84**	**-583.84**	**-583.84**
	runtime	0.53	0.26	0.09	0.05	0.05	0.45	0.31	0.35
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000231	value	-817.08	-817.08	-852.15	-852.15	-852.15	**-854.43**	**-854.43**	**-854.43**
	bound	-Inf	-Inf	-855.98	-855.98	-855.98	**-854.43**	**-854.43**	**-854.43**
	runtime	2.55	1.28	0.11	0.07	0.07	0.28	0.95	1.18
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000232	value	-239.84	-239.84	-272.12	-272.12	-272.12	**-273.29**	**-273.29**	**-273.29**
	bound	-Inf	-Inf	-273.73	-273.73	-273.73	**-273.29**	**-273.29**	**-273.29**
	runtime	0.31	0.13	0.02	0.01	0.01	0.72	0.67	0.81
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000233	value	-610.65	-610.65	-642.30	-642.30	-642.30	**-642.89**	**-642.89**	**-642.89**
	bound	-Inf	-Inf	-642.99	-642.99	-642.99	**-642.89**	**-642.89**	**-642.89**
	runtime	2.12	1.06	0.14	0.07	0.08	0.15	0.64	0.40
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000234	value	-563.64	-563.64	-607.08	-607.08	-607.08	**-607.64**	**-607.64**	**-607.64**
	bound	-Inf	-Inf	-608.04	-608.04	-608.04	**-607.64**	**-607.64**	**-607.64**
	runtime	1.24	0.55	0.07	0.04	0.04	0.15	1.03	0.99
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000235	value	-361.62	-361.62	-412.43	-412.43	-412.43	**-412.50**	**-412.50**	**-412.50**
	bound	-Inf	-Inf	-413.00	-413.00	-413.00	**-412.50**	**-412.50**	**-412.50**
	runtime	0.56	0.25	0.03	0.02	0.02	0.20	0.24	0.57
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000236	value	-612.45	-612.45	**-647.87**	**-647.87**	**-647.87**	**-647.87**	**-647.87**	**-647.87**
	bound	-Inf	-Inf	-648.20	-648.20	-648.20	**-647.87**	**-647.87**	**-647.87**
	runtime	1.38	0.66	0.14	0.08	0.09	0.77	0.81	0.88
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000237	value	-592.42	-592.42	-655.34	-655.34	-657.31	**-662.17**	**-662.17**	**-662.17**
	bound	-Inf	-Inf	-663.23	-663.23	-663.23	**-662.17**	**-662.17**	**-662.17**
	runtime	1.18	0.59	0.16	0.10	0.11	0.43	1.63	1.46
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000238	value	-364.99	-364.99	-409.15	-409.15	-409.15	**-410.35**	**-410.35**	**-410.35**
	bound	-Inf	-Inf	-411.47	-411.47	-411.47	**-410.35**	**-410.35**	**-410.35**
	runtime	0.66	0.32	0.03	0.02	0.02	0.55	0.60	0.76
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000239	value	-383.23	-383.23	-424.08	-424.08	-424.08	**-424.70**	**-424.70**	**-424.70**
	bound	-Inf	-Inf	-424.81	-424.81	-424.81	**-424.70**	**-424.70**	**-424.70**
	runtime	0.71	0.32	0.03	0.02	0.02	0.11	0.33	0.58
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000240	value	-679.98	-679.98	**-716.63**	**-716.63**	**-716.63**	**-716.63**	**-716.63**	**-716.63**
	bound	-Inf	-Inf	**-716.63**	**-716.63**	**-716.63**	**-716.63**	**-716.63**	**-716.63**
	runtime	1.45	0.73	0.04	0.03	0.03	0.03	0.48	0.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB
6000241	value	-406.25	-406.25	-450.96	-450.96	-450.96	**-451.49**	**-451.49**	**-451.49**
	bound	-Inf	-Inf	-452.14	-452.14	-452.14	**-451.49**	**-451.49**	**-451.49**
	runtime	0.92	0.40	0.04	0.02	0.02	0.54	0.68	0.77
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
6000242	value	-462.80	-462.80	-525.89	-525.89	-525.89	**-526.27**	**-526.27**	**-526.27**
	bound	-Inf	-Inf	-526.61	-526.61	-526.61	**-526.27**	**-526.27**	**-526.27**
	runtime	0.99	0.49	0.04	0.03	0.03	0.27	0.96	0.99
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000243	value	-642.36	-642.36	**-704.58**	**-704.58**	**-704.58**	**-704.58**	**-704.58**	**-704.58**
	bound	-Inf	-Inf	-704.59	-704.59	-704.59	**-704.58**	**-704.58**	**-704.58**
	runtime	1.36	0.71	0.04	0.04	0.04	0.15	0.88	1.02
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
6000244	value	-715.87	-715.87	-770.81	-770.81	-770.81	**-775.77**	**-775.77**	**-775.77**
	bound	-Inf	-Inf	-776.94	-776.94	-776.94	**-775.77**	**-775.77**	**-775.77**
	runtime	2.53	1.22	0.11	0.07	0.07	0.79	2.01	1.66
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000245	value	-444.12	-444.12	-475.51	-475.51	-475.51	**-475.68**	**-475.68**	**-475.68**
	bound	-Inf	-Inf	-476.44	-476.44	-476.44	**-475.68**	**-475.68**	**-475.68**
	runtime	0.70	0.34	0.03	0.02	0.02	2.00	2.23	2.78
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
6000246	value	-489.49	-489.49	-517.40	-517.40	-517.40	**-517.59**	**-517.59**	**-517.59**
	bound	-Inf	-Inf	-518.03	-518.03	-518.03	**-517.59**	**-517.59**	**-517.59**
	runtime	0.46	0.20	0.03	0.02	0.02	0.15	0.47	0.34
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000247	value	-451.52	-451.52	-539.38	-539.38	-539.38	**-541.03**	**-541.03**	**-541.03**
	bound	-Inf	-Inf	-541.52	-541.52	-541.52	**-541.03**	**-541.03**	**-541.03**
	runtime	0.47	0.18	0.04	0.03	0.03	0.70	1.43	1.57
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000248	value	-566.13	-566.13	**-601.67**	**-601.67**	**-601.67**	**-601.67**	**-601.67**	**-601.67**
	bound	-Inf	-Inf	-601.82	-601.82	-601.82	**-601.67**	**-601.67**	**-601.67**
	runtime	1.43	0.69	0.05	0.03	0.03	0.13	0.96	0.98
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000249	value	-615.10	-615.10	-642.69	-642.69	-642.69	**-643.45**	**-643.45**	**-643.45**
	bound	-Inf	-Inf	-643.71	-643.71	-643.71	**-643.45**	**-643.45**	**-643.45**
	runtime	0.71	0.35	0.12	0.09	0.09	0.15	0.74	1.02
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000250	value	-487.96	-487.96	-534.14	-534.14	-534.14	**-534.30**	**-534.30**	**-534.30**
	bound	-Inf	-Inf	-534.76	-534.76	-534.76	**-534.30**	**-534.30**	**-534.30**
	runtime	1.23	0.61	0.05	0.05	0.05	0.66	1.27	1.20
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000251	value	-462.00	-462.00	-487.07	-487.07	-487.07	**-487.49**	**-487.49**	**-487.49**
	bound	-Inf	-Inf	-487.74	-487.74	-487.74	**-487.49**	**-487.49**	**-487.49**
	runtime	0.44	0.21	0.05	0.03	0.03	0.29	0.52	0.53
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000252	value	-506.00	-506.00	-554.97	-554.97	-554.97	**-555.61**	**-555.61**	**-555.61**
	bound	-Inf	-Inf	-555.63	-555.63	-555.63	**-555.61**	**-555.61**	**-555.61**
	runtime	0.85	0.40	0.03	0.02	0.02	0.10	0.32	0.54
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000253	value	-495.56	-495.56	-554.31	-554.31	-554.31	**-554.57**	**-554.57**	**-554.57**
	bound	-Inf	-Inf	-554.59	-554.59	-554.59	**-554.57**	**-554.57**	**-554.57**
	runtime	0.43	0.19	0.05	0.03	0.04	0.09	0.64	1.04
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000254	value	-557.64	-557.64	-617.05	-617.05	-617.05	**-619.87**	**-619.87**	**-619.87**
	bound	-Inf	-Inf	-620.62	-620.62	-620.62	**-619.87**	**-619.87**	**-619.87**
	runtime	0.71	0.33	0.05	0.03	0.03	0.29	0.54	0.49
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000255	value	-601.57	-601.57	**-650.71**	**-650.71**	**-650.71**	**-650.71**	**-650.71**	**-650.71**
	bound	-Inf	-Inf	-650.85	-650.85	-650.85	**-650.71**	**-650.71**	**-650.71**
	runtime	0.61	0.27	0.07	0.04	0.03	0.41	0.51	0.79
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000256	value	-446.05	-446.05	-507.50	-507.50	-507.67	**-508.00**	**-508.00**	**-508.00**
	bound	-Inf	-Inf	-508.20	-508.20	-508.19	**-508.00**	**-508.00**	**-508.00**
	runtime	0.72	0.31	0.05	0.02	0.02	0.44	0.63	0.65
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000257	value	-355.14	-355.14	**-410.72**	**-410.72**	**-410.72**	**-410.72**	**-410.72**	**-410.72**
	bound	-Inf	-Inf	**-410.72**	**-410.72**	**-410.72**	**-410.72**	**-410.72**	**-410.72**
	runtime	0.16	0.07	0.02	0.02	0.01	0.02	0.17	0.11
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB
6000258	value	-764.84	-764.84	-824.11	-824.11	-824.11	**-824.43**	**-824.43**	**-824.43**
	bound	-Inf	-Inf	-824.94	-824.94	-824.94	**-824.43**	**-824.43**	**-824.43**
	runtime	2.95	1.71	0.22	0.15	0.14	0.38	1.89	1.63
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000259	value	-696.02	-696.02	-723.75	-723.75	-723.75	**-725.76**	**-725.76**	**-725.76**
	bound	-Inf	-Inf	-726.86	-726.86	-726.86	**-725.76**	**-725.76**	**-725.76**
	runtime	0.37	0.15	0.04	0.02	0.02	1.00	0.94	1.21
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000260	value	-556.17	-556.17	**-586.79**	**-586.79**	**-586.79**	**-586.79**	**-586.79**	**-586.79**
	bound	-Inf	-Inf	**-586.79**	**-586.79**	**-586.79**	**-586.79**	**-586.79**	**-586.79**
	runtime	0.40	0.18	0.06	0.04	0.03	0.04	0.24	0.39
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB
6000261	value	-456.63	-456.63	-498.03	-498.03	-498.03	**-498.46**	**-498.46**	**-498.46**
	bound	-Inf	-Inf	-498.53	-498.53	-498.53	**-498.46**	**-498.46**	**-498.46**
	runtime	0.66	0.32	0.05	0.03	0.03	0.18	0.63	0.76
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000262	value	-740.69	-740.69	-768.24	-768.24	-768.24	**-769.67**	**-769.67**	**-769.67**
	bound	-Inf	-Inf	-773.41	-773.41	-773.41	**-769.67**	**-769.67**	**-769.67**
	runtime	0.85	0.43	0.10	0.07	0.07	11.53	10.64	8.59
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000263	value	-1008.75	-1008.75	-1039.76	-1039.76	-1039.76	**-1039.91**	**-1039.91**	**-1039.91**
	bound	-Inf	-Inf	-1040.10	-1040.10	-1040.10	**-1039.91**	**-1039.91**	**-1039.91**
	runtime	0.89	0.40	0.31	0.20	0.20	0.54	1.07	1.33
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000264	value	-895.21	-895.21	-909.15	-909.15	-909.15	**-909.47**	**-909.47**	**-909.47**
	bound	-Inf	-Inf	-909.89	-909.89	-909.89	**-909.47**	**-909.47**	**-909.47**
	runtime	2.32	1.03	0.28	0.25	0.25	1.01	1.32	1.11
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000265	value	-328.48	-328.48	-373.97	-373.97	-373.97	**-374.33**	**-374.33**	**-374.33**
	bound	-Inf	-Inf	-374.36	-374.36	-374.36	**-374.33**	**-374.33**	**-374.33**
	runtime	0.23	0.10	0.01	0.01	0.01	0.07	0.13	0.21
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.03 GB
6000266	value	-567.59	-567.59	-606.82	-606.82	-606.82	**-610.25**	**-610.25**	**-610.25**
	bound	-Inf	-Inf	-612.25	-612.25	-612.25	**-610.25**	**-610.25**	**-610.25**
	runtime	1.02	0.47	0.14	0.06	0.07	0.54	0.52	1.09
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000267	value	-524.43	-524.43	-535.99	-535.99	-535.99	**-538.44**	**-538.44**	**-538.44**
	bound	-Inf	-Inf	-539.33	-539.33	-539.33	**-538.44**	**-538.44**	**-538.44**
	runtime	1.22	0.59	0.05	0.03	0.04	0.57	1.18	1.27
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000268	value	-497.46	-497.46	-541.31	-541.31	-541.31	**-542.99**	**-542.99**	**-542.99**
	bound	-Inf	-Inf	-543.95	-543.95	-543.95	**-542.99**	**-542.99**	**-542.99**
	runtime	0.96	0.44	0.02	0.02	0.02	0.56	1.07	1.42
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000269	value	-554.60	-554.60	-601.32	-601.32	-601.32	**-602.79**	**-602.79**	**-602.79**
	bound	-Inf	-Inf	-604.25	-604.25	-604.25	**-602.79**	**-602.79**	**-602.79**
	runtime	1.19	0.56	0.13	0.09	0.09	1.03	3.14	2.87
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000270	value	-1075.01	-1075.01	-1094.34	-1094.34	-1094.34	**-1095.71**	**-1095.71**	**-1095.71**
	bound	-Inf	-Inf	-1096.95	-1096.95	-1096.95	**-1095.71**	**-1095.71**	**-1095.71**
	runtime	1.91	0.91	0.30	0.19	0.19	2.01	2.31	1.99
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB	0.05 GB
6000271	value	-778.81	-778.81	-826.11	-826.11	-826.11	**-827.54**	**-827.54**	**-827.54**
	bound	-Inf	-Inf	-828.84	-828.84	-828.84	**-827.54**	**-827.54**	**-827.54**
	runtime	1.32	0.59	0.08	0.04	0.05	0.36	1.37	0.86
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000272	value	-490.51	-490.51	-518.36	-518.36	-518.36	**-518.49**	**-518.49**	**-518.49**
	bound	-Inf	-Inf	-520.40	-520.40	-520.36	**-518.49**	**-518.49**	**-518.49**
	runtime	0.60	0.29	0.08	0.04	0.05	0.67	1.07	0.95
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000273	value	-440.45	-440.45	-505.48	-505.48	-505.48	**-506.19**	**-506.19**	**-506.19**
	bound	-Inf	-Inf	-506.19	-506.19	-506.19	**-506.19**	**-506.19**	**-506.19**
	runtime	0.35	0.15	0.03	0.02	0.02	0.06	0.39	0.41
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000274	value	-567.81	-567.81	-619.24	-619.24	-619.24	**-626.32**	**-626.32**	**-626.32**
	bound	-Inf	-Inf	-626.89	-626.89	-626.89	**-626.32**	**-626.32**	**-626.32**
	runtime	0.77	0.42	0.09	0.05	0.05	0.30	0.71	0.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000275	value	-527.09	-527.09	-563.34	-563.34	-563.34	**-563.80**	**-563.80**	**-563.80**
	bound	-Inf	-Inf	-564.15	-564.15	-564.15	**-563.80**	**-563.80**	**-563.80**
	runtime	1.77	0.81	0.05	0.04	0.04	0.46	1.04	0.94
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000276	value	-502.20	-502.20	**-561.03**	**-561.03**	**-561.03**	**-561.03**	**-561.03**	**-561.03**
	bound	-Inf	-Inf	-561.10	-561.10	-561.10	**-561.03**	**-561.03**	**-561.03**
	runtime	0.63	0.30	0.04	0.02	0.03	0.11	0.50	0.65
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000277	value	-414.47	-414.47	**-465.99**	**-465.99**	**-465.99**	**-465.99**	**-465.99**	**-465.99**
	bound	-Inf	-Inf	**-465.99**	**-465.99**	**-465.99**	**-465.99**	**-465.99**	**-465.99**
	runtime	1.53	0.76	0.03	0.02	0.02	0.02	0.23	0.28
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000278	value	-953.94	-953.94	-977.64	-977.64	-977.64	**-977.71**	**-977.71**	**-977.71**
	bound	-Inf	-Inf	-978.10	-978.10	-978.10	**-977.71**	**-977.71**	**-977.71**
	runtime	2.62	1.54	0.11	0.07	0.07	0.50	0.64	0.81
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.05 GB	0.06 GB
6000279	value	-512.59	-512.59	-575.74	-575.74	-575.74	**-575.81**	**-575.81**	**-575.81**
	bound	-Inf	-Inf	-576.15	-576.15	-576.15	**-575.81**	**-575.81**	**-575.81**
	runtime	0.52	0.23	0.07	0.04	0.03	0.07	0.79	0.75
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000280	value	-566.41	-566.41	-602.87	-602.87	-602.87	**-603.59**	**-603.59**	**-603.59**
	bound	-Inf	-Inf	-603.71	-603.71	-603.71	**-603.59**	**-603.59**	**-603.59**
	runtime	0.24	0.09	0.01	0.01	0.01	0.06	0.36	0.28
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
6000281	value	-823.46	-823.46	-860.80	-860.80	-860.80	**-861.04**	**-861.04**	**-861.04**
	bound	-Inf	-Inf	-861.66	-861.66	-861.66	**-861.04**	**-861.04**	**-861.04**
	runtime	1.18	0.53	0.04	0.03	0.03	0.98	0.79	0.77
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB	0.05 GB
6000282	value	-462.74	-462.74	-517.76	-517.76	-517.76	**-519.59**	**-519.59**	**-519.59**
	bound	-Inf	-Inf	-519.71	-519.71	-519.71	**-519.59**	**-519.59**	**-519.59**
	runtime	4.09	2.05	0.10	0.08	0.08	0.18	1.43	1.08
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
6000283	value	-572.90	-572.90	-611.21	-611.21	-611.21	**-611.78**	**-611.78**	**-611.78**
	bound	-Inf	-Inf	-611.86	-611.86	-611.86	**-611.78**	**-611.78**	**-611.78**
	runtime	1.37	0.60	0.18	0.12	0.11	0.21	1.35	1.28
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000284	value	-671.54	-671.54	-710.52	-710.52	-710.52	**-711.28**	**-711.28**	**-711.28**
	bound	-Inf	-Inf	-712.64	-712.64	-712.64	**-711.28**	**-711.28**	**-711.28**
	runtime	2.42	1.18	0.10	0.08	0.07	1.39	2.33	2.06
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000285	value	-484.33	-484.33	**-507.32**	**-507.32**	**-507.32**	**-507.32**	**-507.32**	**-507.32**
	bound	-Inf	-Inf	-507.70	-507.70	-507.70	**-507.32**	**-507.32**	**-507.32**
	runtime	0.73	0.35	0.03	0.02	0.02	0.34	0.67	0.61
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
6000286	value	-560.16	-560.16	-607.34	-607.34	-607.34	**-607.87**	**-607.87**	**-607.87**
	bound	-Inf	-Inf	-608.59	-608.59	-608.59	**-607.87**	**-607.87**	**-607.87**
	runtime	1.97	0.96	0.12	0.11	0.10	0.58	2.94	2.13
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000287	value	-725.12	-725.12	-757.22	-757.22	-757.22	**-760.19**	**-760.19**	**-760.19**
	bound	-Inf	-Inf	-760.70	-760.70	-760.70	**-760.19**	**-760.19**	**-760.19**
	runtime	6.27	3.31	0.90	0.58	0.57	2.70	5.92	4.20
	memory (GB)	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.06 GB	0.06 GB	0.05 GB
6000288	value	-554.84	-554.84	**-565.34**	**-565.34**	**-565.34**	**-565.34**	**-565.34**	**-565.34**
	bound	-Inf	-Inf	**-565.34**	**-565.34**	**-565.34**	**-565.34**	**-565.34**	**-565.34**
	runtime	1.39	0.81	0.11	0.10	0.10	0.10	0.61	0.46
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB
6000289	value	-520.33	-520.33	-552.77	-552.77	-552.90	**-554.32**	**-554.32**	**-554.32**
	bound	-Inf	-Inf	-554.74	-554.74	-554.73	**-554.32**	**-554.32**	**-554.32**
	runtime	2.36	1.35	0.14	0.09	0.10	0.27	2.47	2.09
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000290	value	-573.88	-573.88	**-603.54**	**-603.54**	**-603.54**	**-603.54**	**-603.54**	**-603.54**
	bound	-Inf	-Inf	-603.62	-603.62	-603.62	**-603.54**	**-603.54**	**-603.54**
	runtime	3.79	1.83	0.28	0.18	0.17	0.29	1.47	1.56
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000291	value	-531.15	-531.15	-577.57	-577.57	-577.57	**-578.45**	**-578.45**	**-578.45**
	bound	-Inf	-Inf	-579.21	-579.21	-579.21	**-578.45**	**-578.45**	**-578.45**
	runtime	2.92	1.51	0.16	0.11	0.11	0.88	1.82	1.58
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000292	value	-1089.41	-1089.41	-1140.24	-1140.24	-1140.24	**-1143.01**	**-1143.01**	**-1143.01**
	bound	-Inf	-Inf	-1143.87	-1143.87	-1143.87	**-1143.01**	**-1143.01**	**-1143.01**
	runtime	4.08	2.01	0.37	0.24	0.22	1.38	2.40	2.38
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000293	value	-338.60	-338.60	-365.13	-365.13	-365.13	**-365.44**	**-365.44**	**-365.44**
	bound	-Inf	-Inf	-366.36	-366.36	-366.36	**-365.44**	**-365.44**	**-365.44**
	runtime	0.82	0.36	0.02	0.01	0.01	0.10	0.27	0.28
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000294	value	-439.60	-439.60	-476.67	-476.67	-476.67	**-481.54**	**-481.54**	**-481.54**
	bound	-Inf	-Inf	-482.17	-482.17	-482.17	**-481.54**	**-481.54**	**-481.54**
	runtime	0.95	0.41	0.07	0.05	0.05	0.38	0.83	0.60
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000295	value	-604.78	-604.78	-648.16	-648.16	-648.16	**-648.67**	**-648.67**	**-648.67**
	bound	-Inf	-Inf	-649.44	-649.44	-649.44	**-648.67**	**-648.67**	**-648.67**
	runtime	2.16	1.07	0.21	0.14	0.14	1.29	2.30	2.06
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000296	value	-705.70	-705.70	-741.91	-741.91	-741.91	**-742.81**	**-742.81**	**-742.81**
	bound	-Inf	-Inf	-743.85	-743.85	-743.85	**-742.81**	**-742.81**	**-742.81**
	runtime	2.29	1.20	0.15	0.08	0.08	0.54	1.49	1.69
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000297	value	-633.46	-633.46	-664.15	-664.15	-664.15	**-665.13**	**-665.13**	**-665.13**
	bound	-Inf	-Inf	-665.38	-665.38	-665.38	**-665.13**	**-665.13**	**-665.13**
	runtime	1.24	0.65	0.17	0.13	0.13	0.52	1.43	1.01
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000298	value	-521.86	-521.86	-536.53	-536.53	-536.53	**-538.14**	**-538.14**	**-538.14**
	bound	-Inf	-Inf	-538.50	-538.50	-538.50	**-538.14**	**-538.14**	**-538.14**
	runtime	1.87	0.85	0.12	0.08	0.09	0.21	0.79	0.71
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000299	value	-743.73	-743.73	-789.01	-789.01	-789.46	**-791.65**	**-791.65**	**-791.65**
	bound	-Inf	-Inf	-793.12	-793.12	-793.11	**-791.65**	**-791.65**	**-791.65**
	runtime	4.82	2.24	0.13	0.10	0.11	0.49	1.95	1.83
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.06 GB
6000300	value	-469.50	-469.50	-516.02	-516.02	-516.02	**-518.73**	**-518.73**	**-518.73**
	bound	-Inf	-Inf	-519.82	-519.82	-519.82	**-518.73**	**-518.73**	**-518.73**
	runtime	1.55	0.70	0.23	0.17	0.17	1.90	4.08	3.21
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000301	value	-550.90	-550.90	-612.77	-612.77	-612.77	**-613.49**	**-613.49**	**-613.49**
	bound	-Inf	-Inf	-614.16	-614.16	-614.16	**-613.49**	**-613.49**	**-613.49**
	runtime	4.46	2.12	0.18	0.13	0.14	0.80	1.23	1.32
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.04 GB
6000302	value	-504.07	-504.07	-559.37	-559.37	-559.37	**-560.45**	**-560.45**	**-560.45**
	bound	-Inf	-Inf	-560.70	-560.70	-560.70	**-560.45**	**-560.45**	**-560.45**
	runtime	0.54	0.22	0.04	0.03	0.03	0.10	0.31	0.49
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000303	value	-602.30	-602.30	-649.89	-649.89	-649.89	**-651.10**	**-651.10**	**-651.10**
	bound	-Inf	-Inf	-651.26	-651.26	-651.26	**-651.10**	**-651.10**	**-651.10**
	runtime	2.25	1.16	0.08	0.04	0.05	0.19	0.78	1.32
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000304	value	-503.16	-503.16	-528.51	-528.51	-528.51	**-528.86**	**-528.86**	**-528.86**
	bound	-Inf	-Inf	-528.90	-528.90	-528.90	**-528.86**	**-528.86**	**-528.86**
	runtime	1.79	0.90	0.12	0.07	0.08	0.14	1.07	0.85
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000305	value	-549.62	-549.62	-593.90	-593.90	-593.90	**-595.68**	**-595.68**	**-595.68**
	bound	-Inf	-Inf	-597.81	-597.81	-597.81	**-595.68**	**-595.68**	**-595.68**
	runtime	2.22	1.18	0.12	0.09	0.09	1.50	1.78	3.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
6000306	value	-599.08	-599.08	-650.93	-650.93	-650.93	**-651.90**	**-651.90**	**-651.90**
	bound	-Inf	-Inf	-652.32	-652.32	-652.32	**-651.90**	**-651.90**	**-651.90**
	runtime	1.56	0.78	0.07	0.07	0.07	0.44	1.18	1.30
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000307	value	-658.98	-658.98	**-692.78**	**-692.78**	**-692.78**	**-692.78**	**-692.78**	**-692.78**
	bound	-Inf	-Inf	**-692.78**	**-692.78**	**-692.78**	**-692.78**	**-692.78**	**-692.78**
	runtime	3.58	1.67	0.20	0.14	0.14	0.13	0.55	0.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB
6000308	value	-712.74	-712.74	-739.96	-739.96	-739.96	**-740.57**	**-740.57**	**-740.57**
	bound	-Inf	-Inf	-741.77	-741.77	-741.77	**-740.57**	**-740.57**	**-740.57**
	runtime	1.18	0.58	0.25	0.14	0.15	2.74	3.17	2.84
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000309	value	-542.82	-542.82	-591.00	-591.00	-591.00	**-593.16**	**-593.16**	**-593.16**
	bound	-Inf	-Inf	-594.56	-594.56	-594.56	**-593.16**	**-593.16**	**-593.16**
	runtime	0.55	0.28	0.06	0.04	0.05	0.61	0.98	0.94
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000310	value	-607.30	-607.30	-641.21	-641.21	-641.21	**-641.77**	**-641.77**	**-641.77**
	bound	-Inf	-Inf	-642.07	-642.07	-642.07	**-641.77**	**-641.77**	**-641.77**
	runtime	0.63	0.30	0.07	0.05	0.05	0.27	1.09	1.06
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000311	value	-633.22	-633.22	-661.15	-661.15	-661.15	**-667.11**	**-667.11**	**-667.11**
	bound	-Inf	-Inf	-668.67	-668.67	-668.67	**-667.11**	**-667.11**	**-667.11**
	runtime	0.98	0.43	0.09	0.06	0.06	0.62	1.01	0.87
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000312	value	-562.86	-562.86	-580.00	-580.00	-580.00	**-582.30**	**-582.30**	**-582.30**
	bound	-Inf	-Inf	-582.57	-582.57	-582.57	**-582.30**	**-582.30**	**-582.30**
	runtime	0.97	0.43	0.07	0.05	0.05	0.20	0.61	0.53
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000313	value	-395.60	-395.60	-453.23	-453.23	-453.23	**-454.95**	**-454.95**	**-454.95**
	bound	-Inf	-Inf	-455.22	-455.22	-455.22	**-454.95**	**-454.95**	**-454.95**
	runtime	0.50	0.24	0.07	0.05	0.05	0.08	0.24	0.60
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000314	value	-500.92	-500.92	**-550.60**	**-550.60**	**-550.60**	**-550.60**	**-550.60**	**-550.60**
	bound	-Inf	-Inf	**-550.60**	**-550.60**	**-550.60**	**-550.60**	**-550.60**	**-550.60**
	runtime	0.81	0.39	0.02	0.02	0.02	0.02	0.14	0.21
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000315	value	-544.20	-544.20	-594.23	-594.23	-594.23	**-594.80**	**-594.80**	**-594.80**
	bound	-Inf	-Inf	-595.54	-595.54	-595.54	**-594.80**	**-594.80**	**-594.80**
	runtime	0.88	0.43	0.06	0.03	0.03	0.25	0.48	0.53
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
6000316	value	-433.29	-433.29	**-484.05**	**-484.05**	**-484.05**	**-484.05**	**-484.05**	**-484.05**
	bound	-Inf	-Inf	**-484.05**	**-484.05**	**-484.05**	**-484.05**	**-484.05**	**-484.05**
	runtime	0.57	0.25	0.03	0.02	0.01	0.02	0.19	0.32
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB
6000317	value	-797.68	-797.68	-821.55	-821.55	-822.52	**-824.20**	**-824.20**	**-824.20**
	bound	-Inf	-Inf	-825.17	-825.17	-825.14	**-824.20**	**-824.20**	**-824.20**
	runtime	1.22	0.56	0.11	0.09	0.10	0.36	0.54	0.48
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
6000318	value	-624.12	-624.12	-656.02	-656.02	-656.02	**-658.52**	**-658.52**	**-658.52**
	bound	-Inf	-Inf	-661.41	-661.41	-661.41	**-658.52**	**-658.52**	**-658.52**
	runtime	1.54	0.74	0.29	0.17	0.17	1.13	2.04	1.36
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000319	value	-318.33	-318.33	-354.87	-354.87	-354.87	**-354.92**	**-354.92**	**-354.92**
	bound	-Inf	-Inf	-354.93	-354.93	-354.93	**-354.92**	**-354.92**	**-354.92**
	runtime	0.97	0.44	0.03	0.02	0.02	0.10	0.33	0.45
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000320	value	-370.07	-370.07	-415.61	-415.61	-415.61	**-416.34**	**-416.34**	**-416.34**
	bound	-Inf	-Inf	-416.81	-416.81	-416.81	**-416.34**	**-416.34**	**-416.34**
	runtime	1.02	0.52	0.06	0.03	0.03	0.20	1.04	1.06
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000321	value	-543.05	-543.05	-586.67	-586.67	-586.67	**-587.50**	**-587.50**	**-587.50**
	bound	-Inf	-Inf	-587.96	-587.96	-587.96	**-587.50**	**-587.50**	**-587.50**
	runtime	0.62	0.26	0.07	0.04	0.04	0.17	0.74	0.47
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000322	value	-452.99	-452.99	-499.35	-499.35	-499.35	**-499.71**	**-499.71**	**-499.71**
	bound	-Inf	-Inf	-500.47	-500.47	-500.47	**-499.71**	**-499.71**	**-499.71**
	runtime	0.70	0.29	0.05	0.03	0.03	0.52	1.05	0.93
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000323	value	-592.93	-592.93	**-633.16**	**-633.16**	**-633.16**	**-633.16**	**-633.16**	**-633.16**
	bound	-Inf	-Inf	-633.23	-633.23	-633.23	**-633.16**	**-633.16**	**-633.16**
	runtime	0.52	0.22	0.07	0.05	0.05	0.14	0.40	0.54
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
6000324	value	-383.20	-383.20	-413.48	-413.48	-413.48	**-415.08**	**-415.08**	**-415.08**
	bound	-Inf	-Inf	-415.52	-415.52	-415.52	**-415.08**	**-415.08**	**-415.08**
	runtime	0.37	0.16	0.04	0.02	0.02	0.22	0.71	0.69
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000325	value	-331.28	-331.28	-376.06	-376.06	-376.06	**-377.44**	**-377.44**	**-377.44**
	bound	-Inf	-Inf	-378.33	-378.33	-378.33	**-377.44**	**-377.44**	**-377.44**
	runtime	0.39	0.19	0.02	0.01	0.02	0.28	0.33	0.35
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000326	value	-468.99	-468.99	-483.17	-483.17	-483.17	**-487.08**	**-487.08**	**-487.08**
	bound	-Inf	-Inf	-488.04	-488.04	-488.04	**-487.08**	**-487.08**	**-487.08**
	runtime	0.58	0.27	0.03	0.02	0.02	0.10	0.34	0.46
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000327	value	-548.61	-548.61	**-589.18**	**-589.18**	**-589.18**	**-589.18**	**-589.18**	**-589.18**
	bound	-Inf	-Inf	-589.51	-589.51	-589.51	**-589.18**	**-589.18**	**-589.18**
	runtime	1.03	0.46	0.18	0.07	0.08	0.97	1.55	2.07
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000328	value	-558.34	-558.34	**-586.12**	**-586.12**	**-586.12**	**-586.12**	**-586.12**	**-586.12**
	bound	-Inf	-Inf	**-586.12**	**-586.12**	**-586.12**	**-586.12**	**-586.12**	**-586.12**
	runtime	0.75	0.34	0.03	0.02	0.03	0.02	0.25	0.28
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000329	value	-569.95	-569.95	-623.97	-623.97	-624.39	**-627.67**	**-627.67**	**-627.67**
	bound	-Inf	-Inf	-628.24	-628.24	-628.20	**-627.67**	**-627.67**	**-627.67**
	runtime	0.77	0.33	0.07	0.06	0.07	0.14	0.81	0.91
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000330	value	-508.86	-508.86	-544.81	-544.81	-544.81	**-545.65**	**-545.65**	**-545.65**
	bound	-Inf	-Inf	-546.16	-546.16	-546.16	**-545.65**	**-545.65**	**-545.65**
	runtime	1.11	0.50	0.09	0.05	0.06	0.56	1.25	1.38
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000331	value	-798.04	-798.04	**-827.10**	**-827.10**	**-827.10**	**-827.10**	**-827.10**	**-827.10**
	bound	-Inf	-Inf	**-827.10**	**-827.10**	**-827.10**	**-827.10**	**-827.10**	**-827.10**
	runtime	1.58	0.78	0.40	0.18	0.18	0.18	0.95	0.93
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB
6000332	value	-579.89	-579.89	**-623.34**	**-623.34**	**-623.34**	**-623.34**	**-623.34**	**-623.34**
	bound	-Inf	-Inf	-624.01	-624.01	-624.01	**-623.34**	**-623.34**	**-623.34**
	runtime	0.99	0.45	0.15	0.09	0.10	0.14	0.69	0.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000333	value	-574.70	-574.70	-622.88	-622.88	-622.88	**-624.09**	**-624.09**	**-624.09**
	bound	-Inf	-Inf	-628.14	-628.14	-628.14	**-624.09**	**-624.09**	**-624.09**
	runtime	0.63	0.28	0.12	0.07	0.07	9.86	13.49	11.22
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000334	value	-741.86	-741.86	-785.20	-785.20	-785.20	**-786.21**	**-786.21**	**-786.21**
	bound	-Inf	-Inf	-786.96	-786.96	-786.96	**-786.21**	**-786.21**	**-786.21**
	runtime	0.98	0.48	0.08	0.05	0.05	0.34	1.46	2.01
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000335	value	-470.12	-470.12	-500.95	-500.95	-500.95	**-501.74**	**-501.74**	**-501.74**
	bound	-Inf	-Inf	-501.98	-501.98	-501.98	**-501.74**	**-501.74**	**-501.74**
	runtime	1.13	0.55	0.05	0.03	0.03	0.16	0.64	0.89
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000336	value	-527.62	-527.62	-549.80	-549.80	-549.80	**-552.31**	**-552.31**	**-552.31**
	bound	-Inf	-Inf	-554.09	-554.09	-554.09	**-552.31**	**-552.31**	**-552.31**
	runtime	1.99	1.01	0.11	0.06	0.07	6.92	8.92	8.30
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000337	value	-412.58	-412.58	-429.51	-429.51	-429.51	**-431.05**	**-431.05**	**-431.05**
	bound	-Inf	-Inf	-431.64	-431.64	-431.64	**-431.05**	**-431.05**	**-431.05**
	runtime	0.60	0.26	0.05	0.04	0.04	0.70	0.79	0.65
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000338	value	-640.70	-640.70	-686.76	-686.76	**-687.22**	**-687.22**	**-687.22**	**-687.22**
	bound	-Inf	-Inf	-687.23	-687.23	**-687.22**	**-687.22**	**-687.22**	**-687.22**
	runtime	1.05	0.46	0.08	0.05	0.05	0.11	0.53	0.70
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
6000339	value	-550.17	-550.17	**-604.94**	**-604.94**	**-604.94**	**-604.94**	**-604.94**	**-604.94**
	bound	-Inf	-Inf	**-604.94**	**-604.94**	**-604.94**	**-604.94**	**-604.94**	**-604.94**
	runtime	0.43	0.19	0.03	0.02	0.02	0.02	0.24	0.25
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
6000340	value	-594.05	-594.05	-633.53	-633.53	-633.53	**-635.78**	**-635.78**	**-635.78**
	bound	-Inf	-Inf	-636.56	-636.56	-636.56	**-635.78**	**-635.78**	**-635.78**
	runtime	0.34	0.14	0.10	0.07	0.06	0.25	0.31	0.50
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000341	value	-645.56	-645.56	-695.56	-695.56	-695.56	**-696.50**	**-696.50**	**-696.50**
	bound	-Inf	-Inf	-697.63	-697.63	-697.63	**-696.50**	**-696.50**	**-696.50**
	runtime	0.64	0.33	0.04	0.02	0.02	0.28	0.60	0.60
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
6000342	value	-820.89	-820.89	-872.68	-872.68	-872.68	**-873.53**	**-873.53**	**-873.53**
	bound	-Inf	-Inf	-873.73	-873.73	-873.73	**-873.53**	**-873.53**	**-873.53**
	runtime	1.99	0.89	0.09	0.05	0.05	0.33	0.73	0.61
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
6000343	value	-671.90	-671.90	-717.75	-717.75	-717.75	**-719.87**	**-719.87**	**-719.87**
	bound	-Inf	-Inf	-722.14	-722.14	-722.14	**-719.87**	**-719.87**	**-719.87**
	runtime	0.92	0.39	0.06	0.03	0.03	0.56	1.25	1.05
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
6000344	value	-550.13	-550.13	-603.12	-603.12	-603.12	**-604.99**	**-604.99**	**-604.99**
	bound	-Inf	-Inf	-605.68	-605.68	-605.68	**-604.99**	**-604.99**	**-604.99**
	runtime	1.46	0.67	0.11	0.06	0.07	0.24	1.07	1.49
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000345	value	-534.22	-534.22	-611.54	-611.54	-612.51	**-616.82**	**-616.82**	**-616.82**
	bound	-Inf	-Inf	-617.67	-617.67	-617.66	**-616.82**	**-616.82**	**-616.82**
	runtime	0.71	0.29	0.06	0.04	0.05	0.58	0.77	1.12
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
6000346	value	-417.98	-417.98	-447.61	-447.61	-447.61	**-448.79**	**-448.79**	**-448.79**
	bound	-Inf	-Inf	-448.95	-448.95	-448.95	**-448.79**	**-448.79**	**-448.79**
	runtime	0.64	0.26	0.03	0.02	0.02	0.21	0.34	0.63
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000347	value	-666.25	-666.25	-709.15	-709.15	-709.15	**-709.64**	**-709.64**	**-709.64**
	bound	-Inf	-Inf	-710.45	-710.45	-710.45	**-709.64**	**-709.64**	**-709.64**
	runtime	0.98	0.47	0.09	0.06	0.05	0.46	0.79	1.06
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
6000348	value	-470.20	-470.20	**-513.12**	**-513.12**	**-513.12**	**-513.12**	**-513.12**	**-513.12**
	bound	-Inf	-Inf	**-513.12**	**-513.12**	**-513.12**	**-513.12**	**-513.12**	**-513.12**
	runtime	0.18	0.08	0.02	0.02	0.02	0.02	0.10	0.13
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
6000349	value	-538.08	-538.08	-594.55	-594.55	-594.55	**-594.71**	**-594.71**	**-594.71**
	bound	-Inf	-Inf	-595.06	-595.06	-595.06	**-594.71**	**-594.71**	**-594.71**
	runtime	0.56	0.28	0.06	0.05	0.04	1.63	1.59	1.51
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
6000350	value	-497.08	-497.08	-529.21	-529.21	-529.21	**-529.71**	**-529.71**	**-529.71**
	bound	-Inf	-Inf	-529.74	-529.74	-529.74	**-529.71**	**-529.71**	**-529.71**
	runtime	0.44	0.18	0.02	0.02	0.02	0.08	0.36	0.32
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000351	value	-672.62	-672.62	-728.43	-728.43	-728.43	**-729.60**	**-729.60**	**-729.60**
	bound	-Inf	-Inf	-729.80	-729.80	-729.80	**-729.60**	**-729.60**	**-729.60**
	runtime	2.53	1.21	0.12	0.09	0.09	0.53	1.74	1.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
6000352	value	-355.69	-355.69	-383.99	-383.99	-383.99	**-385.43**	**-385.43**	**-385.43**
	bound	-Inf	-Inf	-385.69	-385.69	-385.69	**-385.43**	**-385.43**	**-385.43**
	runtime	1.10	0.49	0.06	0.03	0.03	0.22	0.75	0.67
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000353	value	-566.74	-566.74	-618.57	-618.57	-619.17	**-619.62**	**-619.62**	**-619.62**
	bound	-Inf	-Inf	-619.74	-619.74	-619.71	**-619.62**	**-619.62**	**-619.62**
	runtime	1.37	0.59	0.04	0.02	0.03	0.09	0.38	0.44
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
6000354	value	-362.65	-362.65	-402.68	-402.68	-402.68	**-402.91**	**-402.91**	**-402.91**
	bound	-Inf	-Inf	-403.27	-403.27	-403.27	**-402.91**	**-402.91**	**-402.91**
	runtime	0.48	0.24	0.01	0.01	0.01	0.25	0.47	0.42
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
6000355	value	-508.28	-508.28	-544.93	-544.93	-544.93	**-546.79**	**-546.79**	**-546.79**
	bound	-Inf	-Inf	-548.44	-548.44	-548.44	**-546.79**	**-546.79**	**-546.79**
	runtime	1.41	0.59	0.05	0.04	0.05	0.35	0.51	0.76
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
8000811	value	-524.20	-524.20	**-562.98**	**-562.98**	**-562.98**	**-562.98**	**-562.98**	**-562.98**
	bound	-Inf	-Inf	**-562.98**	**-562.98**	**-562.98**	**-562.98**	**-562.98**	**-562.98**
	runtime	0.12	0.05	0.03	0.03	0.03	0.03	0.16	0.47
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB
8001155	value	-336.33	-336.33	-366.76	-366.76	-366.76	**-367.82**	**-367.82**	**-367.82**
	bound	-Inf	-Inf	-368.29	-368.29	-368.29	**-367.82**	**-367.82**	**-367.82**
	runtime	0.22	0.11	0.03	0.02	0.02	0.11	0.55	0.58
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.03 GB
8001974	value	-1212.80	-1212.80	**-1243.94**	**-1243.94**	**-1243.94**	**-1243.94**	**-1243.94**	**-1243.94**
	bound	-Inf	-Inf	**-1243.94**	**-1243.94**	**-1243.94**	**-1243.94**	**-1243.94**	**-1243.94**
	runtime	4.23	2.14	0.27	0.22	0.21	0.23	1.81	1.47
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.02 GB	0.05 GB	0.06 GB
8002274	value	-822.23	-822.23	**-848.73**	**-848.73**	**-848.73**	**-848.73**	**-848.73**	**-848.73**
	bound	-Inf	-Inf	**-848.73**	**-848.73**	**-848.73**	**-848.73**	**-848.73**	**-848.73**
	runtime	1.35	0.63	0.03	0.02	0.02	0.02	0.20	0.23
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
8002764	value	-312.42	-312.42	-356.82	-356.82	-356.82	**-357.33**	**-357.33**	**-357.33**
	bound	-Inf	-Inf	-359.23	-359.23	-359.23	**-357.33**	**-357.33**	**-357.33**
	runtime	0.12	0.05	0.01	0.01	0.01	0.05	0.09	0.09
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
8003131	value	-619.14	-619.14	**-650.66**	**-650.66**	**-650.66**	**-650.66**	**-650.66**	**-650.66**
	bound	-Inf	-Inf	**-650.66**	**-650.66**	**-650.66**	**-650.66**	**-650.66**	**-650.66**
	runtime	1.40	0.69	0.20	0.16	0.16	0.17	0.67	0.83
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB
8003836	value	-285.00	-285.00	-317.29	-317.29	-317.29	**-317.98**	**-317.98**	**-317.98**
	bound	-Inf	-Inf	-317.99	-317.99	-317.99	**-317.98**	**-317.98**	**-317.98**
	runtime	0.10	0.04	0.01	0.01	0.01	0.04	0.17	0.24
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
8003952	value	-919.46	-919.46	-951.44	-951.44	-951.44	**-959.64**	**-959.64**	**-959.64**
	bound	-Inf	-Inf	-959.89	-959.89	-959.89	**-959.64**	**-959.64**	**-959.64**
	runtime	0.42	0.19	0.04	0.02	0.03	0.17	0.31	0.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
8004573	value	-264.06	-264.06	**-348.40**	**-348.40**	**-348.40**	**-348.40**	**-348.40**	**-348.40**
	bound	-Inf	-Inf	-348.58	-348.58	-348.58	**-348.40**	**-348.40**	**-348.40**
	runtime	0.04	0.02	0.02	0.01	0.01	0.06	0.36	0.29
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
8005616	value	-202.77	-202.77	-228.75	-228.75	-228.75	**-229.32**	**-229.32**	**-229.32**
	bound	-Inf	-Inf	-230.49	-230.49	-230.49	**-229.32**	**-229.32**	**-229.32**
	runtime	0.14	0.05	0.02	0.01	0.01	0.09	0.18	0.23
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
8006160	value	-334.96	-334.96	**-401.07**	**-401.07**	**-401.07**	**-401.07**	**-401.07**	**-401.07**
	bound	-Inf	-Inf	**-401.07**	**-401.07**	**-401.07**	**-401.07**	**-401.07**	**-401.07**
	runtime	0.06	0.03	0.01	0.01	0.01	0.01	0.07	0.07
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
8006302	value	-511.51	-511.51	-555.13	-555.13	-555.13	**-557.46**	**-557.46**	**-557.46**
	bound	-Inf	-Inf	-557.68	-557.68	-557.68	**-557.46**	**-557.46**	**-557.46**
	runtime	0.19	0.09	0.01	0.01	0.01	0.03	0.06	0.06
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
8008099	value	-961.45	-961.45	-983.19	-983.19	-983.19	**-984.30**	**-984.30**	**-984.30**
	bound	-Inf	-Inf	-984.46	-984.46	-984.46	**-984.30**	**-984.30**	**-984.30**
	runtime	1.87	1.18	0.03	0.02	0.02	0.19	0.25	0.41
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
8008545	value	-675.55	-675.55	-699.82	-699.82	-699.82	**-700.15**	**-700.15**	**-700.15**
	bound	-Inf	-Inf	-700.44	-700.44	-700.44	**-700.15**	**-700.15**	**-700.15**
	runtime	0.57	0.28	0.09	0.07	0.07	1.25	0.87	1.19
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
8008998	value	-440.74	-440.74	-459.31	-459.31	-459.31	**-461.55**	**-461.55**	**-461.55**
	bound	-Inf	-Inf	-461.98	-461.98	-461.98	**-461.55**	**-461.55**	**-461.55**
	runtime	0.35	0.15	0.02	0.01	0.01	0.38	0.35	0.42
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9000001	value	-740.50	-740.50	-784.97	-784.97	-784.97	**-792.68**	**-792.68**	**-792.68**
	bound	-Inf	-Inf	-793.68	-793.68	-793.68	**-792.68**	**-792.68**	**-792.68**
	runtime	0.91	0.46	0.07	0.10	0.11	0.46	0.52	0.51
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.03 GB
9000002	value	-507.84	-507.84	**-597.19**	**-597.19**	**-597.19**	**-597.19**	**-597.19**	**-597.19**
	bound	-Inf	-Inf	-598.40	-598.40	-598.40	**-597.19**	**-597.19**	**-597.19**
	runtime	0.26	0.12	0.03	0.02	0.02	0.05	0.14	0.19
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
9000003	value	-701.62	-701.62	**-766.60**	**-766.60**	**-766.60**	**-766.60**	**-766.60**	**-766.60**
	bound	-Inf	-Inf	**-766.60**	**-766.60**	**-766.60**	**-766.60**	**-766.60**	**-766.60**
	runtime	2.12	1.21	0.15	0.14	0.15	0.14	2.17	1.36
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB
9000029	value	-553.12	-553.12	-580.98	-580.98	-580.98	**-581.56**	**-581.56**	**-581.56**
	bound	-Inf	-Inf	-582.62	-582.62	-582.62	**-581.56**	**-581.56**	**-581.56**
	runtime	0.64	0.28	0.06	0.05	0.06	0.63	0.77	0.97
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.04 GB
9000127	value	-784.69	-784.69	-836.84	-836.84	-836.84	**-837.29**	**-837.29**	**-837.29**
	bound	-Inf	-Inf	-838.10	-838.10	-838.10	**-837.29**	**-837.29**	**-837.29**
	runtime	0.99	0.48	0.18	0.13	0.13	0.49	2.24	1.98
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
9000136	value	-736.09	-736.09	-772.98	-772.98	-772.98	**-776.21**	**-776.21**	**-776.21**
	bound	-Inf	-Inf	-777.44	-777.44	-777.44	**-776.21**	**-776.21**	**-776.21**
	runtime	0.84	0.46	0.08	0.08	0.09	2.18	2.45	2.72
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9000210	value	-520.21	-520.21	-568.03	-568.03	-568.03	**-568.26**	**-568.26**	**-568.26**
	bound	-Inf	-Inf	-568.70	-568.70	-568.70	**-568.26**	**-568.26**	**-568.26**
	runtime	1.20	0.57	0.06	0.04	0.04	1.26	1.43	1.75
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9000288	value	-447.32	-447.32	-485.52	-485.52	-485.52	**-485.65**	**-485.65**	**-485.65**
	bound	-Inf	-Inf	-486.37	-486.37	-486.37	**-485.65**	**-485.65**	**-485.65**
	runtime	0.39	0.18	0.02	0.01	0.01	0.37	0.47	0.45
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9000395	value	-370.16	-370.16	-413.77	-413.77	-413.77	**-414.96**	**-414.96**	**-414.96**
	bound	-Inf	-Inf	-415.94	-415.94	-415.94	**-414.96**	**-414.96**	**-414.96**
	runtime	0.49	0.21	0.03	0.02	0.02	0.23	0.39	0.43
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9000747	value	-461.47	-461.47	**-495.73**	**-495.73**	**-495.73**	**-495.73**	**-495.73**	**-495.73**
	bound	-Inf	-Inf	-496.41	-496.41	-496.41	**-495.73**	**-495.73**	**-495.73**
	runtime	0.21	0.08	0.01	0.01	0.01	0.53	0.64	1.00
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
9000868	value	-669.31	-669.31	-710.00	-710.00	-710.00	**-711.39**	**-711.39**	**-711.39**
	bound	-Inf	-Inf	-712.15	-712.15	-712.15	**-711.39**	**-711.39**	**-711.39**
	runtime	0.40	0.18	0.06	0.05	0.05	0.27	0.83	0.75
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9000875	value	-581.82	-581.82	-609.26	-609.26	-609.26	**-613.28**	**-613.28**	**-613.28**
	bound	-Inf	-Inf	-614.54	-614.54	-614.54	**-613.28**	**-613.28**	**-613.28**
	runtime	1.05	0.51	0.25	0.18	0.19	0.76	1.50	3.40
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
9000928	value	-634.59	-634.59	-699.59	-699.59	-699.59	**-704.44**	**-704.44**	**-704.44**
	bound	-Inf	-Inf	-705.95	-705.95	-705.95	**-704.44**	**-704.44**	**-704.44**
	runtime	1.09	0.47	0.12	0.07	0.08	0.74	1.91	2.51
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.05 GB
9000933	value	-472.61	-472.61	-515.47	-515.47	-515.64	**-515.70**	**-515.70**	**-515.70**
	bound	-Inf	-Inf	-517.06	-517.06	-517.06	**-515.70**	**-515.70**	**-515.70**
	runtime	1.28	0.60	0.04	0.03	0.03	0.72	0.88	0.90
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.04 GB
9000989	value	-583.91	-583.91	-659.68	-659.68	-659.68	**-660.46**	**-660.46**	**-660.46**
	bound	-Inf	-Inf	-662.10	-662.10	-662.10	**-660.46**	**-660.46**	**-660.46**
	runtime	0.43	0.19	0.02	0.02	0.02	0.06	0.17	0.18
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9001001	value	-668.82	-668.82	-713.70	-713.70	-713.70	**-717.57**	**-717.57**	**-717.57**
	bound	-Inf	-Inf	-720.40	-720.40	-720.40	**-717.57**	-717.65	**-717.57**
	runtime	0.47	0.21	0.11	0.09	0.10	0.28	0.69	0.86
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9001034	value	-645.05	-645.05	-670.78	-670.78	-670.78	**-671.52**	**-671.52**	**-671.52**
	bound	-Inf	-Inf	-671.95	-671.95	-671.95	**-671.52**	**-671.52**	**-671.52**
	runtime	0.62	0.27	0.29	0.18	0.19	0.80	0.99	0.90
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9001071	value	-806.46	-806.46	-860.19	-860.19	-860.19	**-861.29**	**-861.29**	**-861.29**
	bound	-Inf	-Inf	-861.52	-861.52	-861.52	**-861.29**	**-861.29**	**-861.29**
	runtime	0.74	0.33	0.21	0.16	0.16	0.43	0.80	0.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
9001184	value	-466.54	-466.54	-503.91	-503.91	-503.91	**-505.01**	**-505.01**	**-505.01**
	bound	-Inf	-Inf	-505.44	-505.44	-505.44	**-505.01**	**-505.01**	**-505.01**
	runtime	0.25	0.11	0.04	0.03	0.03	0.12	0.47	0.47
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
9001300	value	-828.19	-828.19	-837.40	-837.40	-837.40	**-837.41**	**-837.41**	**-837.41**
	bound	-Inf	-Inf	-838.44	-838.44	-838.44	**-837.41**	**-837.41**	**-837.41**
	runtime	2.04	1.23	0.24	0.22	0.22	0.78	0.73	1.00
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB	0.04 GB
9001317	value	-458.32	-458.32	-517.24	-517.24	-517.24	**-519.21**	**-519.21**	**-519.21**
	bound	-Inf	-Inf	-519.60	-519.60	-519.60	**-519.21**	**-519.21**	**-519.21**
	runtime	1.04	0.50	0.06	0.04	0.04	1.33	1.38	1.24
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
9001619	value	-464.60	-464.60	-509.55	-509.55	-509.55	**-510.62**	**-510.62**	**-510.62**
	bound	-Inf	-Inf	-513.14	-513.14	-513.14	**-510.62**	**-510.62**	**-510.62**
	runtime	0.95	0.44	0.10	0.08	0.08	2.24	2.93	2.70
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9001713	value	-536.89	-536.89	-563.64	-563.64	-563.64	**-566.01**	**-566.01**	**-566.01**
	bound	-Inf	-Inf	-566.30	-566.30	-566.30	**-566.01**	**-566.01**	**-566.01**
	runtime	1.76	0.80	0.14	0.07	0.07	0.56	1.72	1.78
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
9001991	value	-355.04	-355.04	-376.36	-376.36	-376.36	**-377.14**	**-377.14**	**-377.14**
	bound	-Inf	-Inf	-377.56	-377.56	-377.56	**-377.14**	**-377.14**	**-377.14**
	runtime	0.36	0.16	0.02	0.01	0.01	0.38	0.59	0.55
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
9002004	value	-536.16	-536.16	-561.45	-561.45	**-561.70**	**-561.70**	**-561.70**	**-561.70**
	bound	-Inf	-Inf	-561.74	-561.74	**-561.70**	**-561.70**	**-561.70**	**-561.70**
	runtime	0.29	0.13	0.01	0.01	0.01	0.03	0.07	0.11
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
9002021	value	-829.95	-829.95	-884.40	-884.40	-884.40	**-884.88**	**-884.88**	**-884.88**
	bound	-Inf	-Inf	-885.14	-885.14	-885.14	**-884.88**	**-884.88**	**-884.88**
	runtime	0.99	0.48	0.06	0.03	0.04	1.02	1.37	1.25
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
9002090	value	-340.99	-340.99	-403.27	-403.27	-403.27	**-403.53**	**-403.53**	**-403.53**
	bound	-Inf	-Inf	-403.55	-403.55	-403.55	**-403.53**	**-403.53**	**-403.53**
	runtime	0.50	0.21	0.02	0.02	0.02	0.08	0.27	0.22
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9002114	value	-397.34	-397.34	-429.52	-429.52	-429.52	**-430.41**	**-430.41**	**-430.41**
	bound	-Inf	-Inf	-430.71	-430.71	-430.71	**-430.41**	**-430.41**	**-430.41**
	runtime	0.18	0.08	0.03	0.02	0.02	0.24	0.35	0.51
	memory (GB)	0.00 GB	0.00 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB
9002474	value	-689.62	-689.62	**-726.44**	**-726.44**	**-726.44**	**-726.44**	**-726.44**	**-726.44**
	bound	-Inf	-Inf	**-726.44**	**-726.44**	**-726.44**	**-726.44**	**-726.44**	**-726.44**
	runtime	1.13	0.52	0.04	0.03	0.03	0.03	0.45	0.31
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
9002577	value	-829.12	-829.12	**-874.29**	**-874.29**	**-874.29**	**-874.29**	**-874.29**	**-874.29**
	bound	-Inf	-Inf	-874.45	-874.45	-874.45	**-874.29**	**-874.29**	**-874.29**
	runtime	0.75	0.36	0.03	0.02	0.03	0.31	0.54	0.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9002827	value	-540.73	-540.73	-561.10	-561.10	-561.10	**-561.63**	**-561.63**	**-561.63**
	bound	-Inf	-Inf	-565.85	-565.85	-565.85	**-561.63**	**-561.63**	**-561.63**
	runtime	1.29	0.60	0.17	0.16	0.17	0.42	0.82	0.82
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9002861	value	-608.82	-608.82	**-661.79**	**-661.79**	**-661.79**	**-661.79**	**-661.79**	**-661.79**
	bound	-Inf	-Inf	-662.02	-662.02	-662.02	**-661.79**	**-661.79**	**-661.79**
	runtime	1.86	0.87	0.23	0.16	0.16	0.51	1.37	1.46
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.05 GB
9002972	value	-804.51	-804.51	-824.15	-824.15	-824.15	**-824.71**	**-824.71**	**-824.71**
	bound	-Inf	-Inf	-825.68	-825.68	-825.68	**-824.71**	**-824.71**	**-824.71**
	runtime	0.83	0.37	0.09	0.09	0.09	0.22	1.14	1.11
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
9003116	value	-323.89	-323.89	-330.70	-330.70	-330.70	**-338.25**	**-338.25**	**-338.25**
	bound	-Inf	-Inf	-339.83	-339.83	-339.83	**-338.25**	**-338.25**	**-338.25**
	runtime	1.90	0.94	0.11	0.07	0.08	0.31	0.91	0.90
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
9003135	value	-706.30	-706.30	-731.92	-731.92	-731.92	**-733.39**	**-733.39**	**-733.39**
	bound	-Inf	-Inf	-734.02	-734.02	-734.02	**-733.39**	**-733.39**	**-733.39**
	runtime	0.46	0.21	0.08	0.06	0.07	0.72	1.70	1.86
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9003234	value	-622.90	-622.90	-661.44	-661.44	-661.44	**-683.07**	**-683.07**	**-683.07**
	bound	-Inf	-Inf	-684.47	-684.47	-684.47	**-683.07**	**-683.07**	**-683.07**
	runtime	1.27	0.62	0.14	0.13	0.12	2.49	1.88	3.41
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.05 GB	0.04 GB
9003250	value	-405.28	-405.28	**-478.34**	**-478.34**	**-478.34**	**-478.34**	**-478.34**	**-478.34**
	bound	-Inf	-Inf	-478.41	-478.41	-478.41	**-478.34**	**-478.34**	**-478.34**
	runtime	0.11	0.05	0.01	0.00	0.01	0.13	0.19	0.18
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
9003301	value	-1144.79	-1144.79	-1170.45	-1170.45	-1170.45	**-1178.36**	**-1178.36**	**-1178.36**
	bound	-Inf	-Inf	-1180.33	-1180.33	-1180.33	**-1178.36**	**-1178.36**	**-1178.36**
	runtime	3.49	1.73	0.21	0.11	0.11	2.83	4.77	3.88
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
9003333	value	-422.63	-422.63	**-464.55**	**-464.55**	**-464.55**	**-464.55**	**-464.55**	**-464.55**
	bound	-Inf	-Inf	**-464.55**	**-464.55**	**-464.55**	**-464.55**	**-464.55**	**-464.55**
	runtime	0.28	0.12	0.02	0.02	0.01	0.02	0.14	0.15
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
9003339	value	-761.46	-761.46	-809.21	-809.21	-809.21	**-810.44**	**-810.44**	**-810.44**
	bound	-Inf	-Inf	-811.38	-811.38	-811.38	**-810.44**	**-810.44**	**-810.44**
	runtime	0.64	0.29	0.04	0.04	0.04	0.10	0.42	0.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
9003378	value	-572.27	-572.27	**-591.56**	**-591.56**	**-591.56**	**-591.56**	**-591.56**	**-591.56**
	bound	-Inf	-Inf	**-591.56**	**-591.56**	**-591.56**	**-591.56**	**-591.56**	**-591.56**
	runtime	0.24	0.10	0.01	0.01	0.01	0.01	0.09	0.09
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
9003423	value	-625.90	-625.90	**-716.50**	**-716.50**	**-716.50**	**-716.50**	**-716.50**	**-716.50**
	bound	-Inf	-Inf	**-716.50**	**-716.50**	**-716.50**	**-716.50**	**-716.50**	**-716.50**
	runtime	0.49	0.22	0.02	0.02	0.02	0.02	0.25	0.36
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
9003585	value	-361.44	-361.44	-415.97	-415.97	-415.97	**-418.38**	**-418.38**	**-418.38**
	bound	-Inf	-Inf	-419.06	-419.06	-419.06	**-418.38**	**-418.38**	**-418.38**
	runtime	0.73	0.33	0.05	0.03	0.03	0.29	0.50	0.41
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9003635	value	-452.44	-452.44	-495.38	-495.38	-495.38	**-501.31**	**-501.31**	**-501.31**
	bound	-Inf	-Inf	-501.55	-501.55	-501.55	**-501.31**	**-501.31**	**-501.31**
	runtime	0.35	0.14	0.03	0.03	0.03	0.09	0.26	0.21
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
9003836	value	-1206.85	-1206.85	-1260.18	-1260.18	-1260.18	**-1261.74**	**-1261.74**	**-1261.74**
	bound	-Inf	-Inf	-1264.59	-1264.59	-1264.59	**-1261.74**	**-1261.74**	**-1261.74**
	runtime	2.65	1.45	0.14	0.11	0.12	0.74	1.51	0.97
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.05 GB
9004060	value	-558.31	-558.31	-600.54	-600.54	-600.54	**-602.99**	**-602.99**	**-602.99**
	bound	-Inf	-Inf	-604.19	-604.19	-604.19	**-602.99**	**-602.99**	**-602.99**
	runtime	0.58	0.26	0.16	0.08	0.09	2.64	3.75	2.93
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
9004066	value	-688.77	-688.77	**-727.77**	**-727.77**	**-727.77**	**-727.77**	**-727.77**	**-727.77**
	bound	-Inf	-Inf	**-727.77**	**-727.77**	**-727.77**	**-727.77**	**-727.77**	**-727.77**
	runtime	0.45	0.20	0.03	0.03	0.03	0.03	0.14	0.23
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
9004070	value	-608.51	-608.51	-628.91	-628.91	-628.91	**-629.04**	**-629.04**	**-629.04**
	bound	-Inf	-Inf	-629.38	-629.38	-629.38	**-629.04**	**-629.04**	**-629.04**
	runtime	0.28	0.12	0.09	0.05	0.06	0.16	1.13	0.78
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9004199	value	-682.97	-682.97	-701.07	-701.07	-701.07	**-703.00**	**-703.00**	**-703.00**
	bound	-Inf	-Inf	-703.74	-703.74	-703.74	**-703.00**	**-703.00**	**-703.00**
	runtime	1.15	0.62	0.12	0.07	0.08	1.12	3.70	3.27
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9004242	value	-977.12	-977.12	-1033.85	-1033.85	-1033.85	**-1034.17**	**-1034.17**	**-1034.17**
	bound	-Inf	-Inf	-1034.63	-1034.63	-1034.63	**-1034.17**	**-1034.17**	**-1034.17**
	runtime	1.49	0.76	0.03	0.02	0.03	0.62	1.08	1.05
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB	0.04 GB

correlation-clustering		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
9004294	value	-386.86	-386.86	**-407.78**	**-407.78**	**-407.78**	**-407.78**	**-407.78**	**-407.78**
	bound	-Inf	-Inf	**-407.78**	**-407.78**	**-407.78**	**-407.78**	**-407.78**	**-407.78**
	runtime	0.24	0.12	0.03	0.02	0.02	0.02	0.26	0.21
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
9004353	value	-628.75	-628.75	-658.80	-658.80	-658.80	**-658.85**	**-658.85**	**-658.85**
	bound	-Inf	-Inf	-659.32	-659.32	-659.32	**-658.85**	**-658.85**	**-658.85**
	runtime	1.13	0.56	0.24	0.23	0.22	0.44	0.89	1.45
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9004368	value	-302.82	-302.82	-350.94	-350.94	-350.94	**-351.69**	**-351.69**	**-351.69**
	bound	-Inf	-Inf	-352.13	-352.13	-352.13	**-351.69**	**-351.69**	**-351.69**
	runtime	0.80	0.41	0.04	0.02	0.03	1.19	1.47	1.65
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9004383	value	-594.55	-594.55	-624.06	-624.06	-624.06	**-624.33**	**-624.33**	**-624.33**
	bound	-Inf	-Inf	-625.10	-625.10	-625.10	**-624.33**	**-624.33**	**-624.33**
	runtime	1.31	0.85	0.04	0.04	0.04	0.30	0.73	0.65
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
9004427	value	-455.52	-455.52	-484.27	-484.27	-484.27	**-488.45**	**-488.45**	**-488.45**
	bound	-Inf	-Inf	-489.07	-489.07	-489.07	**-488.45**	**-488.45**	**-488.45**
	runtime	0.79	0.37	0.06	0.05	0.05	0.15	0.52	0.52
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9004520	value	-362.21	-362.21	-438.62	-438.62	-439.65	**-441.12**	**-441.12**	**-441.12**
	bound	-Inf	-Inf	-441.45	-441.45	-441.44	**-441.12**	**-441.12**	**-441.12**
	runtime	0.51	0.22	0.03	0.02	0.02	0.21	0.38	0.55
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9004581	value	-364.06	-364.06	**-399.15**	**-399.15**	**-399.15**	**-399.15**	**-399.15**	**-399.15**
	bound	-Inf	-Inf	**-399.15**	**-399.15**	**-399.15**	**-399.15**	**-399.15**	**-399.15**
	runtime	0.17	0.07	0.01	0.01	0.01	0.01	0.06	0.06
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
9004766	value	-282.36	-282.36	**-353.88**	**-353.88**	**-353.88**	**-353.88**	**-353.88**	**-353.88**
	bound	-Inf	-Inf	**-353.88**	**-353.88**	**-353.88**	**-353.88**	**-353.88**	**-353.88**
	runtime	0.14	0.05	0.02	0.01	0.01	0.01	0.11	0.08
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
9004879	value	-1100.45	-1100.45	-1157.13	-1157.13	-1157.13	**-1159.74**	**-1159.74**	**-1159.74**
	bound	-Inf	-Inf	-1164.04	-1164.04	-1164.04	**-1159.74**	**-1159.74**	**-1159.74**
	runtime	3.41	1.53	0.24	0.28	0.29	1.98	6.56	7.58
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.06 GB	0.06 GB
9004965	value	-1216.62	-1216.62	-1253.73	-1253.73	-1253.73	**-1255.38**	**-1255.38**	**-1255.38**
	bound	-Inf	-Inf	-1255.86	-1255.86	-1255.86	**-1255.38**	**-1255.38**	**-1255.38**
	runtime	6.47	3.75	0.72	0.43	0.45	0.84	2.46	1.85
	memory (GB)	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.06 GB	0.06 GB
9004971	value	-683.65	-683.65	-753.65	-753.65	-753.65	**-755.08**	**-755.08**	**-755.08**
	bound	-Inf	-Inf	-755.95	-755.95	-755.95	**-755.08**	**-755.08**	**-755.08**
	runtime	0.63	0.27	0.10	0.07	0.07	0.30	0.80	0.91
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
9005011	value	-502.58	-502.58	-545.91	-545.91	-545.91	**-546.15**	**-546.15**	**-546.15**
	bound	-Inf	-Inf	-546.78	-546.78	-546.78	**-546.15**	**-546.15**	**-546.15**
	runtime	1.42	0.73	0.13	0.09	0.09	1.02	1.70	1.96
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9005105	value	-580.64	-580.64	-610.25	-610.25	-610.25	**-610.41**	**-610.41**	**-610.41**
	bound	-Inf	-Inf	-610.53	-610.53	-610.53	**-610.41**	**-610.41**	**-610.41**
	runtime	1.89	0.90	0.05	0.04	0.05	0.17	0.41	0.39
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9005245	value	-549.19	-549.19	-587.14	-587.14	-587.14	**-587.27**	**-587.27**	**-587.27**
	bound	-Inf	-Inf	-588.08	-588.08	-588.08	**-587.27**	**-587.27**	**-587.27**
	runtime	0.43	0.20	0.10	0.06	0.07	0.72	0.52	0.72
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9005273	value	-374.11	-374.11	-405.17	-405.17	-405.17	**-405.88**	**-405.88**	**-405.88**
	bound	-Inf	-Inf	-406.09	-406.09	-406.09	**-405.88**	**-405.88**	**-405.88**
	runtime	0.78	0.39	0.04	0.03	0.03	0.30	0.55	0.68
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
9005294	value	-467.09	-467.09	-488.55	-488.55	-488.55	**-492.95**	**-492.95**	**-492.95**
	bound	-Inf	-Inf	-493.94	-493.94	-493.94	**-492.95**	**-492.95**	**-492.95**
	runtime	0.38	0.16	0.09	0.06	0.06	0.56	0.76	0.68
	memory (GB)	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
mean energy		-585.60	-585.60	-626.91	-626.91	-626.93	-628.16	-628.16	-628.16
mean bound		-Inf	-Inf	-628.89	-628.90	-628.89	-628.16	-628.17	-628.16
mean runtime		1.28	0.63	0.12	0.08	0.08	0.78	1.28	1.25
best value		0.00	0.00	23.22	22.94	23.22	100.00	100.00	100.00
best bound		0.00	0.00	13.71	13.71	13.99	99.72	98.88	99.72
verified opt		0.00	0.00	13.71	13.71	13.99	99.72	98.88	99.72

Table 9: dtf-chinesechar

dtf-chinesechar		LSA-TR (euc.)	LSA-TR (ham.)	ogm-ICM	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3
TST_test_0001_88_115	value	-56545.40	-56515.83	-56516.55	-56508.53	-56516.55	-56545.40	-56545.40
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.04	0.22	574.70	0.23	8.49	627.97
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.50 GB	0.09 GB	0.14 GB	1.16 GB
TST_test_0002_88_105	value	-49329.70	-49300.12	-49300.12	-49304.70	-49300.12	-49323.71	-49328.04
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.06	0.07	0.17	516.75	0.18	7.62	722.04
	memory (GB)	0.06 GB	0.06 GB	0.06 GB	0.46 GB	0.08 GB	0.13 GB	1.15 GB
TST_test_0003_64_99	value	-31704.02	-31666.31	-31674.76	-31667.35	-31674.76	-31681.68	-31704.13
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.08	0.15	336.28	0.15	4.99	652.84
	memory (GB)	0.04 GB	0.04 GB	0.04 GB	0.31 GB	0.06 GB	0.08 GB	0.59 GB
TST_test_0004_88_97	value	-44497.71	-44493.40	-44493.40	-44464.69	-44493.40	-44497.27	**-44497.71**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.07	0.19	471.06	0.21	6.47	577.49
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.41 GB	0.08 GB	0.10 GB	1.14 GB
TST_test_0005_120_97	value	-62775.31	-62767.38	-62736.97	-62693.41	-62736.97	-62774.10	-62774.10
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.08	0.25	655.44	0.29	9.13	749.22
	memory (GB)	0.07 GB	0.07 GB	0.08 GB	0.57 GB	0.11 GB	0.15 GB	1.17 GB
TST_test_0006_112_99	value	-62503.74	-62502.53	-62487.51	-62505.42	-62487.51	-62492.72	-62501.22
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.03	0.23	627.93	0.25	8.11	835.04
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.55 GB	0.10 GB	0.14 GB	1.17 GB
TST_test_0007_88_112	value	-53665.84	-53659.45	-53659.45	-53630.55	-53659.45	-53663.06	**-53665.85**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.06	0.18	555.95	0.20	7.71	687.56
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.49 GB	0.09 GB	0.13 GB	1.15 GB
TST_test_0008_80_102	value	-44166.44	-44157.28	-44154.46	-44164.29	-44154.46	-44154.49	-44156.98
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.06	0.04	0.23	460.41	0.25	5.86	526.00
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.39 GB	0.07 GB	0.10 GB	1.14 GB
TST_test_0009_64_80	value	**-25953.88**	-25935.42	-25941.50	-25931.05	-25941.50	-25949.27	-25952.25
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.05	0.09	278.26	0.11	3.99	409.66
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.25 GB	0.05 GB	0.07 GB	0.58 GB
TST_test_0010_80_109	value	-46827.02	-46807.44	-46807.04	-46792.81	-46807.04	-46813.55	-46816.57
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.05	0.19	493.49	0.20	6.58	597.94
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.44 GB	0.08 GB	0.12 GB	1.14 GB
TST_test_0011_96_101	value	**-51957.40**	-51948.66	-51948.66	-51876.93	-51948.66	-51951.70	-51951.70
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.07	0.19	534.73	0.22	7.19	605.79
	memory (GB)	0.06 GB	0.06 GB	0.06 GB	0.48 GB	0.09 GB	0.13 GB	1.15 GB
TST_test_0012_88_103	value	-50428.48	-50426.09	-50427.42	-50409.14	-50427.42	-50427.42	**-50429.23**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.03	0.22	504.37	0.26	6.37	671.16
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.46 GB	0.08 GB	0.13 GB	1.15 GB
TST_test_0013_64_94	value	-30659.16	-30653.93	-30625.58	-30663.25	-30625.58	-30635.70	-30644.50
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.12	0.13	324.47	0.15	5.12	571.66
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.29 GB	0.06 GB	0.08 GB	0.59 GB
TST_test_0014_72_73	value	**-27481.93**	**-27481.93**	-27447.50	**-27481.93**	-27447.50	-27458.40	-27465.95
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.03	0.15	16.06	0.18	4.57	398.20
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.26 GB	0.05 GB	0.07 GB	0.58 GB
TST_test_0015_80_73	value	-31513.29	-31502.75	-31502.75	-31466.35	-31502.75	-31509.00	-31509.66
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.03	0.12	320.90	0.13	4.36	367.91
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.28 GB	0.05 GB	0.08 GB	0.59 GB
TST_test_0016_72_83	value	**-29882.00**	-29872.40	-29876.15	-29776.70	-29876.15	-29880.54	-29880.54
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.07	0.11	332.10	0.14	4.41	356.38
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.29 GB	0.05 GB	0.08 GB	0.59 GB
TST_test_0017_112_101	value	-60388.19	-60385.03	-60355.46	-60385.21	-60355.46	-60371.40	-60386.17
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.07	0.13	0.25	641.87	0.28	9.34	826.88
	memory (GB)	0.07 GB	0.07 GB	0.08 GB	0.56 GB	0.10 GB	0.15 GB	1.17 GB
TST_test_0018_80_110	value	**-49154.49**	-49146.81	-49137.86	-49121.35	-49137.86	-49152.17	-49152.17
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.03	0.19	494.40	0.21	7.14	547.13
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.44 GB	0.08 GB	0.12 GB	1.14 GB
TST_test_0019_120_106	value	-70206.91	-70179.87	-70184.56	-70174.79	-70184.56	-70195.80	-70207.05
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.06	0.05	0.31	719.94	0.32	9.77	1065.02
	memory (GB)	0.07 GB	0.08 GB	0.09 GB	0.63 GB	0.12 GB	0.17 GB	2.25 GB
TST_test_0020_96_94	value	**-50062.57**	-50055.61	-49983.41	-50062.30	-49983.41	-50024.72	-50027.24
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.03	0.24	504.62	0.28	7.91	601.80
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.45 GB	0.08 GB	0.13 GB	1.15 GB
TST_test_0021_112_124	value	**-76569.89**	-76556.06	-76560.51	-76519.27	-76560.51	**-76569.89**	**-76569.89**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.08	0.30	798.34	0.35	10.56	900.40
	memory (GB)	0.08 GB	0.08 GB	0.09 GB	0.69 GB	0.13 GB	0.18 GB	2.25 GB
TST_test_0022_80_85	value	-36686.72	-36674.64	-36679.95	-36665.33	-36679.95	-36682.72	-36686.06
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.04	0.16	380.82	0.20	4.95	453.95
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.33 GB	0.06 GB	0.09 GB	1.13 GB
TST_test_0023_112_112	value	**-68998.55**	-68982.20	-68989.97	-68911.87	-68989.97	-68995.45	**-68998.55**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.07	0.29	712.34	0.33	9.86	936.04
	memory (GB)	0.07 GB	0.07 GB	0.08 GB	0.62 GB	0.11 GB	0.16 GB	2.24 GB
TST_test_0024_88_126	value	-60033.94	-60016.49	-59793.06	**-60034.07**	-59793.06	-59885.06	-59904.70
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.04	0.29	80.91	0.30	10.10	879.86
	memory (GB)	0.07 GB	0.07 GB	0.07 GB	0.55 GB	0.10 GB	0.14 GB	1.17 GB
TST_test_0025_64_92	value	-30854.60	-30849.59	-30838.96	-30858.60	-30838.96	-30850.34	-30855.12
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.07	0.13	323.78	0.15	4.79	429.73
	memory (GB)	0.04 GB	0.04 GB	0.04 GB	0.28 GB	0.05 GB	0.08 GB	0.59 GB
TST_test_0026_56_92	value	-27069.72	-27052.05	-27013.38	-27064.94	-27013.38	-27055.19	-27057.26
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.06	0.04	0.10	273.31	0.11	5.75	330.57
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.25 GB	0.05 GB	0.07 GB	0.58 GB
TST_test_0027_88_109	value	-52760.75	-52753.92	-52759.26	-52761.46	-52759.26	-52759.26	-52759.26
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.05	0.25	536.40	0.27	6.76	604.23
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.48 GB	0.09 GB	0.13 GB	1.15 GB
TST_test_0028_48_105	value	-25520.76	-25510.95	-25515.25	-25478.77	-25515.25	-25520.69	**-25521.12**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.02	0.04	0.10	257.69	0.12	3.83	308.25
	memory (GB)	0.03 GB	0.03 GB	0.03 GB	0.25 GB	0.05 GB	0.07 GB	0.58 GB
TST_test_0029_96_117	value	-61515.82	-61507.59	-61502.35	-61459.68	-61502.35	-61503.99	-61512.67
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.07	0.07	0.25	616.01	0.26	8.33	873.10
	memory (GB)	0.07 GB	0.07 GB	0.08 GB	0.56 GB	0.10 GB	0.14 GB	1.17 GB
TST_test_0030_112_123	value	-72425.08	-72420.55	-72275.21	-72428.37	-72275.21	-72327.07	-72331.81
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.09	0.27	0.32	797.22	0.35	11.51	987.18
	memory (GB)	0.08 GB	0.08 GB	0.09 GB	0.68 GB	0.13 GB	0.18 GB	2.25 GB
TST_test_0031_64_78	value	**-25495.64**	-25493.69	-25455.26	-25495.50	-25455.26	-25466.30	-25466.30
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.04	0.11	274.05	0.12	4.33	289.45
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.24 GB	0.05 GB	0.07 GB	0.58 GB
TST_test_0032_64_89	value	-28612.27	-28590.36	-28585.12	-28578.33	-28585.12	-28608.68	-28608.68
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.06	0.14	314.23	0.14	5.39	334.80
	memory (GB)	0.04 GB	0.04 GB	0.04 GB	0.27 GB	0.05 GB	0.07 GB	0.59 GB
TST_test_0033_88_84	value	-37740.83	-37704.15	-37680.36	-37711.62	-37680.36	-37698.24	-37729.48
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.08	0.07	0.18	400.95	0.20	6.47	783.10
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.36 GB	0.07 GB	0.09 GB	1.13 GB
TST_test_0034_112_94	value	-58703.10	-58683.05	-58665.66	-58680.49	-58665.66	-58689.85	-58689.85
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.08	0.05	0.28	578.93	0.29	9.04	681.03
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.52 GB	0.10 GB	0.14 GB	1.16 GB
TST_test_0035_80_86	value	-37750.14	-37739.49	-37750.14	-37746.21	-37750.14	**-37750.37**	**-37750.37**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.02	0.03	0.15	383.54	0.16	4.88	419.40
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.33 GB	0.06 GB	0.09 GB	1.13 GB
TST_test_0036_72_114	value	-45208.47	-45193.08	-45157.15	-45201.34	-45157.15	-45168.05	-45169.35
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.04	0.19	461.87	0.22	6.24	553.17
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.40 GB	0.07 GB	0.10 GB	1.14 GB
TST_test_0037_80_101	value	-44483.62	-44483.62	-44448.78	-44483.81	-44448.78	-44459.01	-44484.57
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.05	0.22	455.61	0.23	6.46	641.45
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.39 GB	0.07 GB	0.10 GB	1.14 GB
TST_test_0038_96_110	value	**-58958.75**	-58953.57	-58953.57	-58911.44	-58953.57	-58957.43	-58957.82
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.05	0.19	598.98	0.23	7.93	702.41
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.52 GB	0.10 GB	0.14 GB	1.16 GB
TST_test_0039_80_99	value	-43001.50	-42992.33	-42992.33	-42942.47	-42992.33	-42992.33	-42992.33
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.04	0.17	446.71	0.19	5.46	484.88
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.38 GB	0.07 GB	0.10 GB	1.14 GB
TST_test_0040_80_93	value	-40152.79	-40144.23	-40126.14	-40141.83	-40126.14	-40147.92	-40149.41
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.06	0.04	0.19	409.96	0.21	7.34	573.77
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.36 GB	0.07 GB	0.09 GB	1.13 GB
TST_test_0041_88_96	value	-47428.03	-47411.53	-47403.24	-47408.08	-47403.24	-47417.36	-47418.41
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.02	0.21	473.38	0.20	6.67	562.71
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.41 GB	0.08 GB	0.10 GB	1.14 GB
TST_test_0042_72_104	value	-39857.73	-39847.58	-39763.11	-39857.73	-39763.11	-39813.28	-39839.46
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.05	0.18	416.11	0.21	6.88	677.48
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.36 GB	0.07 GB	0.09 GB	1.13 GB
TST_test_0043_72_106	value	**-39290.68**	-39280.58	-39271.25	-39280.29	-39271.25	-39283.62	-39285.18
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.07	0.18	404.99	0.18	5.89	560.46
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.37 GB	0.07 GB	0.10 GB	1.13 GB
TST_test_0044_56_93	value	-26482.00	-26469.17	-26472.15	-26398.89	-26472.15	-26480.87	-26480.87
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.05	0.12	280.96	0.12	4.48	304.14
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.25 GB	0.05 GB	0.07 GB	0.58 GB
TST_test_0045_80_120	value	-53007.34	-52996.57	-52985.15	-52966.49	-52985.15	-52987.41	-53003.75
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.05	0.21	541.20	0.22	6.94	722.96
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.48 GB	0.09 GB	0.13 GB	1.15 GB
TST_test_0046_96_105	value	-55425.06	-55417.98	-55362.81	-55396.50	-55362.81	-55411.37	-55417.51
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.08	0.06	0.21	553.52	0.25	9.82	750.70
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.50 GB	0.09 GB	0.14 GB	1.16 GB
TST_test_0047_112_121	value	**-76660.12**	-76659.19	**-76660.12**	**-76660.12**	**-76660.12**	**-76660.12**	**-76660.12**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.03	0.33	179.19	0.35	10.26	837.24
	memory (GB)	0.08 GB	0.08 GB	0.09 GB	0.67 GB	0.12 GB	0.17 GB	2.25 GB
TST_test_0048_72_98	value	-35950.82	-35932.35	-35900.31	-35928.51	-35900.31	-35937.13	-35952.13
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.08	0.06	0.19	387.41	0.20	6.63	630.67
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.34 GB	0.06 GB	0.09 GB	1.13 GB
TST_test_0049_96_79	value	**-41570.57**	-41569.42	-41569.42	-41533.59	-41569.42	-41569.42	**-41570.57**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.03	0.16	427.75	0.19	5.21	502.71
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.37 GB	0.07 GB	0.10 GB	1.13 GB
TST_test_0050_88_94	value	-43513.62	-43508.82	-43405.08	-43517.44	-43405.08	-43426.63	-43435.34
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.06	0.22	461.81	0.25	7.32	718.82
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.40 GB	0.08 GB	0.10 GB	1.14 GB

dtf-chinesechar		ogm-TRWS-LF1	ogm-TRWS-LF2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS
TST_test_0001_88_115	value	-56516.55	-56545.40	-56525.74	-56492.08	-56491.76	-56494.17	-56522.12	-56518.04	-56513.16
	bound	-56790.36	-56790.36	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	131.81	119.19	65.89	538.26	568.17	567.45	614.30	618.09	552.55
	memory (GB)	0.13 GB	0.17 GB	0.07 GB	0.40 GB	0.40 GB	0.40 GB	0.42 GB	0.42 GB	0.42 GB
TST_test_0002_88_105	value	-49300.12	-49323.71	-49305.09	-49250.78	-49292.07	-49282.70	-49292.07	-49273.56	-49250.78
	bound	-50299.28	-50299.28	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	84.14	67.03	59.76	489.17	521.17	522.92	568.89	573.08	499.60
	memory (GB)	0.12 GB	0.16 GB	0.06 GB	0.37 GB	0.37 GB	0.37 GB	0.38 GB	0.38 GB	0.38 GB
TST_test_0003_64_99	value	-31674.76	-31681.68	-31661.23	-31629.02	-31647.92	-31631.38	-31620.93	-31594.41	-31587.83
	bound	-32726.76	-32726.76	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	46.91	56.24	36.75	327.23	344.86	354.50	379.58	382.89	333.56
	memory (GB)	0.08 GB	0.11 GB	0.04 GB	0.25 GB	0.25 GB	0.25 GB	0.26 GB	0.26 GB	0.26 GB
TST_test_0004_88_97	value	-44437.80	-44453.64	-44480.08	-44421.41	-44455.04	-44446.77	-44461.38	-44440.30	-44435.90
	bound	-45419.36	-45419.36	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	79.42	89.81	52.42	457.90	474.32	484.42	532.33	525.85	458.87
	memory (GB)	0.11 GB	0.14 GB	0.06 GB	0.34 GB	0.34 GB	0.34 GB	0.35 GB	0.35 GB	0.35 GB
TST_test_0005_120_97	value	-62736.97	-62774.10	-62694.28	-62673.46	-62681.41	-62685.58	-62704.35	-62697.14	-62592.01
	bound	-63698.27	-63698.27	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	101.22	104.21	69.69	630.98	664.26	660.45	712.95	726.39	635.45
	memory (GB)	0.15 GB	0.19 GB	0.08 GB	0.47 GB	0.47 GB	0.47 GB	0.48 GB	0.48 GB	0.48 GB
TST_test_0006_112_99	value	-62487.51	-62492.72	-62506.54	-62490.24	-62497.88	-62491.07	-62487.68	-62463.69	-62480.10
	bound	-62718.76	-62718.76	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	67.90	113.33	76.92	605.61	638.33	630.87	690.88	698.46	612.18
	memory (GB)	0.14 GB	0.18 GB	0.08 GB	0.44 GB	0.45 GB	0.45 GB	0.46 GB	0.46 GB	0.46 GB
TST_test_0007_88_112	value	-53617.39	-53617.44	-53665.84	-53508.12	-53624.07	-53650.41	-53662.02	-53663.04	-53663.81
	bound	-54397.33	-54397.33	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	103.30	92.64	65.51	516.24	559.99	552.02	604.39	600.05	541.38
	memory (GB)	0.13 GB	0.17 GB	0.07 GB	0.39 GB	0.39 GB	0.39 GB	0.41 GB	0.41 GB	0.41 GB
TST_test_0008_80_102	value	-44148.74	-44148.74	-44165.98	-44138.32	-44151.96	-44145.91	-44156.19	-44124.50	-44150.24
	bound	-44572.55	-44572.55	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	89.70	92.06	53.25	436.85	453.22	458.25	514.89	489.41	438.42
	memory (GB)	0.10 GB	0.13 GB	0.06 GB	0.32 GB	0.32 GB	0.32 GB	0.33 GB	0.33 GB	0.33 GB
TST_test_0009_64_80	value	-25950.27	**-25953.88**	-25930.61	-25896.79	-25915.37	-25895.66	-25894.93	-25871.87	-25873.17
	bound	-26666.34	-26666.34	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	54.94	47.28	30.60	262.16	283.75	274.42	307.82	304.80	263.93
	memory (GB)	0.07 GB	0.09 GB	0.04 GB	0.20 GB	0.20 GB	0.20 GB	0.21 GB	0.21 GB	0.21 GB
TST_test_0010_80_109	value	-46813.55	-46813.55	-46825.69	-46719.46	-46771.11	-46761.06	-46756.67	-46773.67	-46729.23
	bound	-47456.19	-47456.19	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	87.60	80.56	59.73	468.00	491.19	480.22	539.21	538.21	476.21
	memory (GB)	0.11 GB	0.15 GB	0.06 GB	0.34 GB	0.34 GB	0.34 GB	0.36 GB	0.36 GB	0.36 GB
TST_test_0011_96_101	value	-51951.33	-51951.70	**-51957.40**	-51861.54	-51842.06	-51844.17	-51842.06	-51898.29	-51902.29
	bound	-52769.35	-52769.35	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	107.19	96.77	70.69	523.93	535.65	544.99	602.70	600.54	517.71
	memory (GB)	0.12 GB	0.17 GB	0.07 GB	0.39 GB	0.39 GB	0.39 GB	0.40 GB	0.40 GB	0.40 GB
TST_test_0012_88_103	value	-50374.81	-50400.54	-50428.21	-50396.45	-50403.75	-50411.81	-50403.75	-50413.00	-50396.45
	bound	-50548.65	-50548.65	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	61.19	61.09	57.81	486.28	507.43	510.60	571.00	566.80	484.22
	memory (GB)	0.12 GB	0.16 GB	0.06 GB	0.36 GB	0.36 GB	0.36 GB	0.37 GB	0.37 GB	0.37 GB
TST_test_0013_64_94	value	-30625.58	-30635.70	-30665.33	-30648.17	-30652.35	-30653.66	-30656.40	-30643.61	-30634.14
	bound	-31445.01	-31445.01	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	40.91	46.85	37.51	305.54	318.04	330.63	353.79	365.44	317.79
	memory (GB)	0.08 GB	0.10 GB	0.04 GB	0.24 GB	0.24 GB	0.24 GB	0.24 GB	0.24 GB	0.24 GB
TST_test_0014_72_73	value	**-27481.93**	**-27481.93**	**-27481.93**	**-27481.93**	**-27481.93**	**-27481.93**	**-27481.93**	**-27481.93**	**-27481.93**
	bound	-27900.14	-27900.14	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	51.93	58.53	33.35	2.16	11.91	4.01	165.68	60.62	48.63
	memory (GB)	0.07 GB	0.09 GB	0.04 GB	0.21 GB	0.21 GB	0.21 GB	0.21 GB	0.21 GB	0.21 GB
TST_test_0015_80_73	value	-31502.75	-31509.00	-31467.93	-31462.66	-31456.02	-31456.94	-31502.97	-31511.02	-31507.99
	bound	-31851.00	-31851.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	62.59	56.49	29.59	295.48	309.30	321.45	346.35	343.76	307.73
	memory (GB)	0.07 GB	0.10 GB	0.04 GB	0.23 GB	0.23 GB	0.23 GB	0.24 GB	0.24 GB	0.24 GB
TST_test_0016_72_83	value	-29739.42	-29761.09	-29866.92	-29767.55	-29756.62	-29800.55	-29771.53	-29784.93	-29802.67
	bound	-30846.49	-30846.49	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	72.32	58.85	39.42	313.28	330.10	326.15	361.11	361.13	316.46
	memory (GB)	0.08 GB	0.10 GB	0.04 GB	0.23 GB	0.23 GB	0.23 GB	0.24 GB	0.24 GB	0.24 GB
TST_test_0017_112_101	value	-60367.56	-60383.51	-60401.72	-60341.72	-60359.62	-60355.28	-60377.29	-60349.56	-60281.04
	bound	-61349.06	-61349.06	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	133.05	125.14	85.68	597.04	647.08	640.73	697.17	702.68	613.67
	memory (GB)	0.14 GB	0.19 GB	0.08 GB	0.45 GB	0.45 GB	0.45 GB	0.47 GB	0.47 GB	0.47 GB
TST_test_0018_80_110	value	-49153.24	-49153.48	-49125.04	-49107.78	-49112.35	-49117.53	-49112.35	-49114.64	-49100.35
	bound	-49427.14	-49427.14	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	59.74	56.27	54.31	471.08	484.71	487.48	543.57	539.79	478.76
	memory (GB)	0.11 GB	0.15 GB	0.06 GB	0.35 GB	0.35 GB	0.35 GB	0.36 GB	0.36 GB	0.36 GB
TST_test_0019_120_106	value	-70153.85	-70169.78	-70174.79	-70165.39	-70167.95	-70169.79	-70181.72	-70131.93	-70123.24
	bound	-70593.85	-70593.85	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	81.98	86.27	96.44	695.83	719.98	737.11	811.61	812.27	688.43
	memory (GB)	0.16 GB	0.21 GB	0.09 GB	0.51 GB	0.51 GB	0.51 GB	0.53 GB	0.53 GB	0.53 GB
TST_test_0020_96_94	value	-50015.94	-50024.72	-50062.42	-50055.24	-50061.60	-50056.08	-50061.60	-50061.23	-50055.24
	bound	-50207.54	-50207.54	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	81.59	74.64	64.43	493.70	503.50	493.70	543.41	537.97	484.71
	memory (GB)	0.12 GB	0.16 GB	0.06 GB	0.36 GB	0.36 GB	0.36 GB	0.37 GB	0.37 GB	0.37 GB
TST_test_0021_112_124	value	-76559.74	**-76569.89**	-76529.97	-76463.93	-76497.23	-76471.41	-76501.31	-76537.21	-76428.81
	bound	-77377.43	-77377.43	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	164.94	151.32	103.98	749.92	793.41	783.07	856.73	869.95	744.49
	memory (GB)	0.18 GB	0.23 GB	0.10 GB	0.56 GB	0.56 GB	0.56 GB	0.58 GB	0.58 GB	0.58 GB
TST_test_0022_80_85	value	-36683.29	-36686.06	-36674.44	-36646.61	-36661.58	-36640.88	-36655.60	-36648.59	-36642.34
	bound	-37119.60	-37119.60	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	54.25	52.29	35.18	364.93	363.02	379.02	406.88	408.00	363.26
	memory (GB)	0.09 GB	0.11 GB	0.05 GB	0.27 GB	0.27 GB	0.27 GB	0.28 GB	0.28 GB	0.28 GB
TST_test_0023_112_112	value	-68989.97	-68995.45	**-68998.55**	-68870.17	-68897.79	-68872.36	-68988.44	-68970.60	-68792.39
	bound	-69776.44	-69776.44	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	147.54	140.13	88.67	693.82	714.36	706.06	780.63	785.97	685.23
	memory (GB)	0.16 GB	0.21 GB	0.09 GB	0.50 GB	0.50 GB	0.50 GB	0.52 GB	0.52 GB	0.52 GB
TST_test_0024_88_126	value	-59853.56	-59886.11	**-60034.07**	**-60034.07**	**-60034.07**	**-60034.07**	**-60034.07**	**-60034.07**	**-60034.07**
	bound	-60317.24	-60317.24	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	111.79	105.36	80.91	21.75	75.77	25.55	681.88	419.68	212.47
	memory (GB)	0.14 GB	0.18 GB	0.08 GB	0.44 GB	0.44 GB	0.44 GB	0.46 GB	0.46 GB	0.46 GB
TST_test_0025_64_92	value	-30849.12	-30850.44	-30858.74	-30857.33	-30858.14	-30854.71	-30839.40	-30838.83	-30832.60
	bound	-31427.67	-31427.67	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	15.47	17.21	37.99	308.05	322.57	322.06	351.19	360.11	309.92
	memory (GB)	0.07 GB	0.10 GB	0.04 GB	0.23 GB	0.23 GB	0.23 GB	0.24 GB	0.24 GB	0.24 GB
TST_test_0026_56_92	value	-27046.79	-27056.74	-27063.42	-27048.49	-27059.92	-27053.24	-27023.62	-27031.22	-27050.54
	bound	-27509.09	-27509.09	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	44.66	42.10	28.56	264.47	278.27	281.14	299.60	311.88	266.32
	memory (GB)	0.07 GB	0.09 GB	0.04 GB	0.20 GB	0.20 GB	0.20 GB	0.21 GB	0.21 GB	0.21 GB
TST_test_0027_88_109	value	-52734.55	-52756.66	-52761.50	-52761.41	-52761.41	-52761.50	-52755.04	-52761.50	-52761.41
	bound	-52948.71	-52948.71	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	81.60	73.81	65.41	515.94	538.62	521.43	589.96	567.69	518.43
	memory (GB)	0.12 GB	0.17 GB	0.07 GB	0.38 GB	0.38 GB	0.38 GB	0.39 GB	0.39 GB	0.39 GB
TST_test_0028_48_105	value	-25411.94	-25457.90	-25507.61	-25446.52	-25465.17	-25421.83	-25506.30	-25481.25	-25440.60
	bound	-26189.10	-26189.10	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	48.94	46.77	23.15	252.40	260.90	271.85	302.68	297.22	257.86
	memory (GB)	0.06 GB	0.09 GB	0.04 GB	0.19 GB	0.20 GB	0.19 GB	0.20 GB	0.20 GB	0.20 GB
TST_test_0029_96_117	value	-61401.64	-61428.23	-61515.74	-61444.53	-61453.34	-61442.57	-61481.07	-61501.05	-61490.93
	bound	-62064.37	-62064.37	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	97.53	92.80	78.45	614.74	616.98	641.53	705.34	697.40	612.58
	memory (GB)	0.14 GB	0.19 GB	0.08 GB	0.45 GB	0.45 GB	0.45 GB	0.46 GB	0.46 GB	0.46 GB
TST_test_0030_112_123	value	-72365.62	-72397.58	-72429.09	-72392.67	-72420.37	-72401.78	-72406.96	-72402.82	-72361.79
	bound	-73907.93	-73907.93	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	144.54	126.67	103.51	763.18	781.73	798.39	864.46	883.02	739.82
	memory (GB)	0.18 GB	0.23 GB	0.10 GB	0.55 GB	0.55 GB	0.55 GB	0.57 GB	0.57 GB	0.57 GB
TST_test_0031_64_78	value	-25493.69	-25493.69	-25495.10	-25495.50	-25493.55	-25492.36	-25494.98	-25494.98	-25476.05
	bound	-26050.35	-26050.35	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	18.92	19.17	24.93	253.14	273.58	271.97	282.16	290.76	259.58
	memory (GB)	0.07 GB	0.09 GB	0.04 GB	0.20 GB	0.19 GB	0.19 GB	0.20 GB	0.20 GB	0.20 GB
TST_test_0032_64_89	value	-28538.46	-28545.96	-28600.69	-28566.75	-28569.36	-28558.80	-28567.94	-28561.50	-28567.91
	bound	-29501.70	-29501.70	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	58.09	53.60	33.96	294.72	314.22	303.75	345.81	325.49	287.92
	memory (GB)	0.07 GB	0.09 GB	0.04 GB	0.22 GB	0.22 GB	0.22 GB	0.23 GB	0.23 GB	0.23 GB
TST_test_0033_88_84	value	-37633.71	-37682.60	-37712.51	-37701.86	-37705.85	-37703.57	-37681.91	-37720.78	-37685.44
	bound	-38614.85	-38614.85	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	47.81	71.41	51.64	396.75	411.62	413.22	460.89	450.40	396.65
	memory (GB)	0.09 GB	0.12 GB	0.05 GB	0.29 GB	0.29 GB	0.29 GB	0.30 GB	0.30 GB	0.30 GB
TST_test_0034_112_94	value	-58667.03	-58667.26	-58707.24	-58667.24	-58665.54	-58666.76	-58705.24	-58699.54	-58701.87
	bound	-59015.02	-59015.02	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	117.57	99.70	77.77	568.65	596.09	584.08	649.35	651.17	561.36
	memory (GB)	0.14 GB	0.18 GB	0.08 GB	0.42 GB	0.42 GB	0.42 GB	0.43 GB	0.44 GB	0.44 GB
TST_test_0035_80_86	value	-37747.75	-37750.09	**-37750.37**	-37728.67	-37737.45	-37726.95	-37723.38	-37714.50	-37720.02
	bound	-38053.35	-38053.35	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	75.63	66.95	45.45	354.96	366.12	377.78	420.55	425.53	366.72
	memory (GB)	0.09 GB	0.11 GB	0.05 GB	0.27 GB	0.27 GB	0.27 GB	0.28 GB	0.28 GB	0.28 GB
TST_test_0036_72_114	value	-45170.54	-45187.15	-45204.73	-45180.75	-45189.99	-45198.31	-45203.55	-45201.28	-45184.67
	bound	-45514.85	-45514.85	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	85.06	76.75	42.20	440.24	450.58	452.88	481.67	495.83	445.55
	memory (GB)	0.10 GB	0.13 GB	0.06 GB	0.32 GB	0.32 GB	0.32 GB	0.33 GB	0.33 GB	0.33 GB
TST_test_0037_80_101	value	-44453.72	-44459.01	-44483.28	-44478.21	-44478.21	-44482.97	-44478.71	-44482.61	-44475.08
	bound	-44685.54	-44685.54	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	70.57	64.79	55.90	431.34	448.68	453.30	495.97	498.02	428.01
	memory (GB)	0.10 GB	0.13 GB	0.06 GB	0.32 GB	0.32 GB	0.32 GB	0.33 GB	0.33 GB	0.33 GB
TST_test_0038_96_110	value	-58954.51	-58957.43	-58933.80	-58887.23	-58895.88	-58890.04	-58948.20	-58948.23	-58858.23
	bound	-59428.75	-59428.75	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	129.94	109.77	76.55	558.01	594.31	583.39	632.14	655.26	559.67
	memory (GB)	0.13 GB	0.18 GB	0.07 GB	0.42 GB	0.42 GB	0.42 GB	0.44 GB	0.44 GB	0.43 GB
TST_test_0039_80_99	value	-42992.33	-42992.33	-43001.66	-42898.05	-42924.43	-42924.10	-42930.67	-42922.71	-42893.84
	bound	-43420.99	-43420.99	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	92.91	77.84	54.32	423.90	446.10	448.28	478.02	494.95	425.07
	memory (GB)	0.10 GB	0.13 GB	0.06 GB	0.31 GB	0.31 GB	0.31 GB	0.32 GB	0.32 GB	0.32 GB
TST_test_0040_80_93	value	-40115.52	-40128.39	-40141.85	-40125.97	-40136.01	-40132.75	-40133.47	-40134.58	-40118.73
	bound	-40511.61	-40511.61	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	57.74	55.34	51.56	393.61	409.85	400.05	459.33	459.34	398.83
	memory (GB)	0.09 GB	0.12 GB	0.05 GB	0.29 GB	0.29 GB	0.29 GB	0.30 GB	0.30 GB	0.30 GB
TST_test_0041_88_96	value	-47397.07	-47406.20	-47407.89	-47406.24	-47398.51	-47405.41	-47398.51	-47402.28	-47407.87
	bound	-47583.63	-47583.63	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	99.12	79.74	57.02	449.76	468.07	466.41	505.12	517.00	447.15
	memory (GB)	0.11 GB	0.13 GB	0.06 GB	0.33 GB	0.33 GB	0.33 GB	0.34 GB	0.34 GB	0.34 GB
TST_test_0042_72_104	value	-39734.23	-39738.69	-39844.77	-39848.85	-39855.68	-39855.41	-39816.31	-39856.42	-39845.53
	bound	-40393.84	-40393.84	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	72.52	74.89	50.46	401.14	415.07	408.95	453.23	449.47	400.58
	memory (GB)	0.09 GB	0.12 GB	0.05 GB	0.30 GB	0.30 GB	0.30 GB	0.30 GB	0.30 GB	0.30 GB
TST_test_0043_72_106	value	-39247.48	-39255.58	-39283.02	-39224.25	-39259.65	-39238.96	-39263.71	-39236.36	-39214.95
	bound	-40233.87	-40233.87	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	76.58	76.45	51.71	400.06	425.65	418.49	465.70	465.86	391.87
	memory (GB)	0.10 GB	0.12 GB	0.05 GB	0.30 GB	0.30 GB	0.30 GB	0.31 GB	0.31 GB	0.31 GB
TST_test_0044_56_93	value	-26472.15	-26480.87	-26436.83	-26376.69	-26388.05	-26388.36	-26425.96	-26382.92	-26367.72
	bound	-27136.17	-27136.17	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	46.61	39.55	29.78	270.88	274.64	277.38	303.55	313.27	266.91
	memory (GB)	0.07 GB	0.09 GB	0.04 GB	0.20 GB	0.20 GB	0.20 GB	0.21 GB	0.21 GB	0.21 GB
TST_test_0045_80_120	value	-52985.15	-52987.41	-52970.59	-52945.12	-52954.33	-52955.18	-52919.32	-52956.92	-52950.56
	bound	-53489.55	-53489.55	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	96.94	96.60	66.40	509.82	533.88	542.07	586.07	582.63	512.31
	memory (GB)	0.12 GB	0.17 GB	0.07 GB	0.38 GB	0.38 GB	0.38 GB	0.39 GB	0.39 GB	0.39 GB
TST_test_0046_96_105	value	-55370.49	-55417.04	-55399.18	-55369.34	-55390.85	-55388.59	-55381.22	-55400.08	-55346.57
	bound	-55876.43	-55876.43	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	103.41	105.66	56.98	544.86	563.95	569.24	627.43	627.47	555.18
	memory (GB)	0.13 GB	0.17 GB	0.07 GB	0.40 GB	0.40 GB	0.40 GB	0.41 GB	0.41 GB	0.42 GB
TST_test_0047_112_121	value	**-76660.12**	**-76660.12**	**-76660.12**	**-76660.12**	**-76660.12**	**-76660.12**	**-76660.12**	**-76660.12**	**-76660.12**
	bound	-76776.21	-76776.21	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	168.11	152.10	101.68	48.33	172.65	62.45	827.47	335.06	190.18
	memory (GB)	0.17 GB	0.22 GB	0.09 GB	0.55 GB	0.54 GB	0.55 GB	0.56 GB	0.56 GB	0.56 GB
TST_test_0048_72_98	value	-35883.44	-35917.97	**-35960.15**	-35891.93	-35918.30	-35907.93	-35912.30	-35898.24	-35878.64
	bound	-36809.85	-36809.85	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	45.08	48.44	47.07	370.20	393.42	385.33	411.28	428.52	369.16
	memory (GB)	0.09 GB	0.12 GB	0.05 GB	0.28 GB	0.28 GB	0.28 GB	0.29 GB	0.29 GB	0.29 GB
TST_test_0049_96_79	value	-41530.56	-41530.56	-41554.13	-41523.77	-41525.06	-41530.49	-41543.53	-41535.86	-41513.83
	bound	-41805.15	-41805.15	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	70.08	64.68	53.77	399.87	424.15	421.45	454.02	469.62	390.07
	memory (GB)	0.10 GB	0.12 GB	0.05 GB	0.30 GB	0.30 GB	0.30 GB	0.31 GB	0.31 GB	0.31 GB
TST_test_0050_88_94	value	-43404.88	-43421.92	-43515.23	-43515.33	-43515.07	-43512.21	-43502.46	-43509.01	-43503.79
	bound	-44253.05	-44253.05	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	93.09	85.95	56.00	433.23	458.57	469.72	510.63	500.04	442.12
	memory (GB)	0.10 GB	0.13 GB	0.06 GB	0.33 GB	0.33 GB	0.33 GB	0.34 GB	0.34 GB	0.34 GB

dtf-chinesechar		ADDD	MPLP	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+
TST_test_0001_88_115	value	-56126.23	-56297.32	-56494.26	-56450.08	-56472.69	-56465.35	-56450.08	-56492.02
	bound	-56790.27	-56790.45	-56790.27	-56792.38	-56791.59	-56806.99	-56823.36	-57065.74
	runtime	10.99	802.13	2029.24	486.93	497.71	514.66	494.16	480.70
	memory (GB)	0.43 GB	0.48 GB	0.18 GB	0.40 GB	0.42 GB	0.28 GB	0.40 GB	0.28 GB
TST_test_0002_88_105	value	-48050.86	-48693.00	-49269.53	-49262.62	-49274.40	-49285.57	-49262.62	-49257.78
	bound	-50299.28	-50299.30	-50299.28	-50310.00	-50301.34	-50351.85	-50451.54	-51076.11
	runtime	4.70	305.30	519.03	439.93	439.74	382.08	460.79	419.19
	memory (GB)	0.39 GB	0.48 GB	0.16 GB	0.37 GB	0.37 GB	0.26 GB	0.35 GB	0.26 GB
TST_test_0003_64_99	value	-30249.14	-30840.30	-31588.94	-31584.17	-31637.27	-31599.24	-31584.17	-31590.30
	bound	-32726.76	-32726.79	-32726.76	-32738.95	-32728.85	-32784.56	-32909.83	-33636.69
	runtime	5.60	280.70	764.36	295.04	297.11	285.67	255.58	243.20
	memory (GB)	0.26 GB	0.26 GB	0.11 GB	0.24 GB	0.23 GB	0.15 GB	0.24 GB	0.16 GB
TST_test_0004_88_97	value	-42800.21	-43612.29	-44493.40	-44443.95	-44417.07	-44421.15	-44409.59	-44402.27
	bound	-45419.21	-45419.38	-45419.28	-45429.34	-45421.27	-45470.90	-45573.07	-46235.44
	runtime	12.96	642.01	1566.33	396.38	399.47	402.82	371.61	393.86
	memory (GB)	0.36 GB	0.30 GB	0.15 GB	0.35 GB	0.36 GB	0.22 GB	0.35 GB	0.22 GB
TST_test_0005_120_97	value	-61420.94	-62098.94	-62737.72	-62704.68	-62745.59	-62736.85	-62704.68	-62649.51
	bound	-63698.27	-63698.31	-63698.27	-63708.70	-63700.01	-63747.97	-63861.93	-64496.17
	runtime	6.08	553.68	1154.02	612.62	593.56	553.82	571.64	500.01
	memory (GB)	0.49 GB	0.49 GB	0.21 GB	0.48 GB	0.46 GB	0.31 GB	0.46 GB	0.31 GB
TST_test_0006_112_99	value	-62023.38	-62285.62	-62492.46	-62487.51	-62469.63	-62461.97	-62487.51	-62452.09
	bound	-62718.76	-62718.80	-62718.76	-62720.14	-62719.39	-62732.18	-62740.81	-62972.59
	runtime	3.23	551.57	630.57	538.67	569.34	478.21	534.70	510.71
	memory (GB)	0.47 GB	0.49 GB	0.20 GB	0.45 GB	0.44 GB	0.30 GB	0.45 GB	0.30 GB
TST_test_0007_88_112	value	-52484.05	-53078.59	-53652.52	-53647.26	-53635.94	-53613.98	-53595.05	-53590.98
	bound	-54397.33	-54397.38	-54397.33	-54404.54	-54398.68	-54438.12	-54518.47	-55014.05
	runtime	4.92	491.11	1452.21	493.37	441.06	463.69	501.48	454.92
	memory (GB)	0.41 GB	0.48 GB	0.17 GB	0.40 GB	0.39 GB	0.27 GB	0.36 GB	0.27 GB
TST_test_0008_80_102	value	-43253.54	-43857.98	-44157.60	-44067.73	-44094.97	-44106.84	-44067.73	-44075.43
	bound	-44572.52	-44572.66	-44572.52	-44576.17	-44573.70	-44596.72	-44628.29	-45023.44
	runtime	10.84	820.66	709.11	398.95	415.28	383.49	372.84	375.43
	memory (GB)	0.34 GB	0.29 GB	0.14 GB	0.29 GB	0.29 GB	0.19 GB	0.30 GB	0.19 GB
TST_test_0009_64_80	value	-24409.56	-25168.86	-25935.43	-25897.17	-25923.76	-25917.80	-25934.40	-25897.17
	bound	-26666.29	-26666.41	-26666.34	-26673.28	-26667.75	-26705.05	-26771.51	-27315.59
	runtime	35.79	330.64	402.24	222.26	228.48	231.77	225.47	212.05
	memory (GB)	0.21 GB	0.24 GB	0.09 GB	0.19 GB	0.20 GB	0.13 GB	0.19 GB	0.13 GB
TST_test_0010_80_109	value	-45649.91	-46389.42	-46807.04	-46750.77	-46753.82	-46752.58	-46750.77	-46750.77
	bound	-47456.19	-47456.24	-47456.19	-47462.40	-47457.63	-47492.69	-47550.33	-48040.44
	runtime	5.60	435.65	496.41	376.75	424.01	400.66	426.97	386.28
	memory (GB)	0.36 GB	0.34 GB	0.15 GB	0.34 GB	0.33 GB	0.25 GB	0.36 GB	0.25 GB
TST_test_0011_96_101	value	-50629.53	-51166.83	-51951.33	-51850.45	-51861.79	-51861.13	-51850.45	-51831.03
	bound	-52769.34	-52769.39	-52769.34	-52778.50	-52771.02	-52816.31	-52906.58	-53489.90
	runtime	5.27	605.37	490.50	478.22	483.99	460.22	461.55	445.27
	memory (GB)	0.41 GB	0.48 GB	0.17 GB	0.38 GB	0.36 GB	0.27 GB	0.38 GB	0.25 GB
TST_test_0012_88_103	value	-50180.34	-50219.35	-50426.18	-50414.13	-50407.52	-50398.64	-50390.60	-50404.79
	bound	-50548.65	-50548.69	-50548.65	-50549.29	-50549.14	-50556.42	-50560.23	-50681.13
	runtime	2.79	504.26	395.63	446.32	447.83	419.49	447.62	424.35
	memory (GB)	0.38 GB	0.47 GB	0.16 GB	0.33 GB	0.33 GB	0.23 GB	0.34 GB	0.25 GB
TST_test_0013_64_94	value	-29701.91	-29913.49	-30611.51	-30604.48	-30603.71	-30586.99	-30582.55	-30594.02
	bound	-31445.01	-31445.03	-31445.01	-31452.89	-31446.91	-31488.85	-31571.59	-32150.56
	runtime	4.77	329.13	667.04	271.35	281.32	258.14	247.51	234.76
	memory (GB)	0.25 GB	0.25 GB	0.11 GB	0.23 GB	0.23 GB	0.15 GB	0.23 GB	0.16 GB
TST_test_0014_72_73	value	-26868.04	-27158.07	**-27481.93**	-27425.58	-27379.71	-27420.64	-27355.90	-27378.10
	bound	-27900.14	-27900.19	-27900.14	-27903.70	-27902.42	-27924.79	-27960.76	-28371.75
	runtime	3.20	346.76	745.25	238.43	236.19	230.13	229.94	215.47
	memory (GB)	0.22 GB	0.24 GB	0.10 GB	0.19 GB	0.19 GB	0.13 GB	0.20 GB	0.14 GB
TST_test_0015_80_73	value	-30655.39	-31146.45	-31502.75	-31467.83	-31470.53	-31463.28	-31467.83	-31444.02
	bound	-31850.89	-31851.08	-31850.90	-31853.44	-31851.84	-31870.99	-31889.27	-32220.65
	runtime	25.55	292.76	492.70	260.28	236.29	258.49	265.97	246.35
	memory (GB)	0.24 GB	0.25 GB	0.11 GB	0.22 GB	0.21 GB	0.15 GB	0.22 GB	0.15 GB
TST_test_0016_72_83	value	-28779.59	-28855.00	-29879.42	-29828.99	-29810.41	-29807.97	-29863.12	-29786.73
	bound	-30846.48	-30846.53	-30846.48	-30857.19	-30849.31	-30899.78	-31010.78	-31699.20
	runtime	8.75	369.00	470.02	238.25	277.64	228.71	233.72	253.22
	memory (GB)	0.25 GB	0.25 GB	0.11 GB	0.23 GB	0.22 GB	0.16 GB	0.24 GB	0.16 GB
TST_test_0017_112_101	value	-59308.79	-59820.29	-60349.75	-60272.84	-60330.37	-60318.41	-60272.84	-60294.28
	bound	-61349.06	-61349.11	-61349.06	-61360.38	-61350.56	-61402.33	-61529.90	-62206.94
	runtime	6.27	643.46	1666.07	581.45	567.37	527.98	575.21	546.27
	memory (GB)	0.48 GB	0.49 GB	0.20 GB	0.45 GB	0.45 GB	0.31 GB	0.43 GB	0.31 GB
TST_test_0018_80_110	value	-48525.38	-48883.62	-49141.10	-49076.91	-49063.48	-49073.39	-49046.90	-49098.19
	bound	-49427.13	-49427.18	-49427.13	-49429.25	-49428.18	-49445.36	-49461.47	-49727.87
	runtime	37.37	426.47	400.50	418.93	423.38	406.40	409.51	397.46
	memory (GB)	0.37 GB	0.34 GB	0.15 GB	0.36 GB	0.37 GB	0.25 GB	0.37 GB	0.25 GB
TST_test_0019_120_106	value	-69605.77	-69853.98	-70188.93	-70180.70	-70136.61	-70105.89	-70123.10	-70182.18
	bound	-70593.85	-70593.87	-70593.85	-70596.93	-70595.06	-70619.31	-70655.07	-70978.46
	runtime	3.89	348.60	709.10	655.05	665.27	609.06	682.16	612.62
	memory (GB)	0.54 GB	0.51 GB	0.22 GB	0.50 GB	0.50 GB	0.33 GB	0.50 GB	0.33 GB
TST_test_0020_96_94	value	-49769.88	-49788.83	-50054.09	-49986.48	-49960.08	-49923.89	-49976.52	-49946.95
	bound	-50207.54	-50207.58	-50207.54	-50208.70	-50208.65	-50221.73	-50227.84	-50442.67
	runtime	3.26	546.55	266.02	428.39	457.22	427.11	435.64	380.40
	memory (GB)	0.38 GB	0.47 GB	0.16 GB	0.37 GB	0.35 GB	0.23 GB	0.37 GB	0.23 GB
TST_test_0021_112_124	value	-75316.72	-75902.62	-76545.70	-76450.23	-76549.11	-76509.44	-76532.48	-76435.65
	bound	-77377.43	-77377.51	-77377.42	-77386.77	-77379.32	-77422.53	-77520.69	-78132.62
	runtime	6.78	785.43	407.10	661.31	645.93	663.87	638.29	662.18
	memory (GB)	0.59 GB	0.53 GB	0.24 GB	0.53 GB	0.53 GB	0.35 GB	0.53 GB	0.35 GB
TST_test_0022_80_85	value	-35948.49	-36326.70	-36668.38	-36596.16	-36645.28	-36630.31	-36649.97	-36599.83
	bound	-37119.60	-37119.64	-37119.60	-37123.43	-37120.70	-37144.87	-37172.69	-37551.99
	runtime	3.13	336.94	424.35	318.03	321.64	278.41	316.00	292.36
	memory (GB)	0.28 GB	0.26 GB	0.12 GB	0.26 GB	0.24 GB	0.16 GB	0.26 GB	0.17 GB
TST_test_0023_112_112	value	-67902.53	-68202.93	-68982.95	-68951.27	-68923.29	-68914.27	-68906.50	-68844.85
	bound	-69776.42	-69776.52	-69776.42	-69784.52	-69778.56	-69820.91	-69924.30	-70463.41
	runtime	6.26	900.67	1293.11	648.50	643.58	594.34	638.65	604.97
	memory (GB)	0.53 GB	0.51 GB	0.22 GB	0.49 GB	0.49 GB	0.33 GB	0.49 GB	0.32 GB
TST_test_0024_88_126	value	-59345.24	-59574.57	-60019.73	-59991.46	-59806.75	-59786.93	-59927.26	-59810.69
	bound	-60317.24	-60317.29	-60317.24	-60319.66	-60318.50	-60344.86	-60370.47	-60774.16
	runtime	4.63	626.23	1738.18	566.38	513.76	540.03	562.91	498.96
	memory (GB)	0.47 GB	0.49 GB	0.19 GB	0.45 GB	0.40 GB	0.30 GB	0.42 GB	0.28 GB
TST_test_0025_64_92	value	-30222.65	-30500.95	-30824.01	-30791.97	-30823.43	-30813.96	-30822.83	-30791.97
	bound	-31427.67	-31427.69	-31427.67	-31432.77	-31429.01	-31459.44	-31501.92	-31988.92
	runtime	3.11	116.00	88.78	272.60	273.66	255.50	269.79	251.74
	memory (GB)	0.24 GB	0.25 GB	0.10 GB	0.22 GB	0.21 GB	0.14 GB	0.22 GB	0.15 GB
TST_test_0026_56_92	value	-26375.13	-26674.34	-27048.26	-26957.92	-26967.44	-26977.60	-26977.70	-26970.02
	bound	-27509.09	-27509.14	-27509.09	-27513.13	-27510.20	-27536.55	-27569.47	-27973.72
	runtime	3.01	286.85	200.25	227.44	227.49	200.47	227.40	222.31
	memory (GB)	0.21 GB	0.24 GB	0.09 GB	0.19 GB	0.20 GB	0.13 GB	0.20 GB	0.13 GB
TST_test_0027_88_109	value	-52349.64	-52494.28	-52746.78	-52730.13	-52718.58	-52721.06	-52692.90	-52608.17
	bound	-52948.71	-52948.73	-52948.71	-52949.91	-52949.44	-52960.41	-52972.79	-53253.72
	runtime	3.47	396.15	283.62	496.58	479.00	457.69	432.77	457.89
	memory (GB)	0.41 GB	0.48 GB	0.17 GB	0.35 GB	0.35 GB	0.27 GB	0.35 GB	0.25 GB
TST_test_0028_48_105	value	-24627.28	-24891.45	-25506.92	-25435.71	-25479.64	-25457.87	-25438.76	-25418.02
	bound	-26189.10	-26189.16	-26189.10	-26195.80	-26190.80	-26226.86	-26294.75	-26810.87
	runtime	7.76	358.49	692.24	197.00	218.73	210.99	226.67	206.42
	memory (GB)	0.21 GB	0.24 GB	0.09 GB	0.19 GB	0.18 GB	0.14 GB	0.19 GB	0.13 GB
TST_test_0029_96_117	value	-60590.97	-60932.38	-61494.78	-61464.93	-61480.31	-61482.83	-61464.93	-61473.66
	bound	-62064.36	-62064.40	-62064.36	-62069.55	-62065.99	-62094.68	-62153.97	-62577.16
	runtime	5.36	532.73	1002.99	591.40	581.50	547.53	567.31	545.64
	memory (GB)	0.48 GB	0.49 GB	0.20 GB	0.42 GB	0.44 GB	0.30 GB	0.45 GB	0.30 GB
TST_test_0030_112_123	value	-70689.88	-71167.00	-72359.51	-72287.55	-72313.51	-72313.51	-72127.77	-72214.05
	bound	-73907.93	-73907.96	-73907.93	-73929.57	-73910.53	-73990.15	-74233.25	-75158.23
	runtime	9.70	468.87	1394.26	732.09	732.79	696.10	763.68	678.65
	memory (GB)	0.59 GB	0.52 GB	0.24 GB	0.52 GB	0.53 GB	0.35 GB	0.52 GB	0.35 GB
TST_test_0031_64_78	value	-24890.45	-24980.40	-25493.69	-25443.02	-25443.02	-25443.02	-25443.02	-25443.02
	bound	-26050.35	-26050.37	-26050.35	-26055.16	-26051.88	-26081.81	-26125.40	-26587.04
	runtime	2.90	115.48	241.95	200.03	214.58	195.76	216.72	216.15
	memory (GB)	0.21 GB	0.24 GB	0.09 GB	0.19 GB	0.19 GB	0.13 GB	0.21 GB	0.13 GB
TST_test_0032_64_89	value	-27334.97	-28075.15	-28544.27	-28510.46	-28581.70	-28563.74	-28510.46	-28510.07
	bound	-29501.70	-29501.78	-29501.70	-29511.41	-29504.37	-29550.26	-29646.32	-30300.38
	runtime	28.35	358.66	572.89	256.75	252.07	251.98	255.24	229.75
	memory (GB)	0.24 GB	0.25 GB	0.10 GB	0.21 GB	0.22 GB	0.14 GB	0.21 GB	0.15 GB
TST_test_0033_88_84	value	-36586.62	-37133.72	-37710.55	-37639.43	-37655.33	-37642.32	-37639.43	-37639.43
	bound	-38614.85	-38614.90	-38614.85	-38624.46	-38617.36	-38664.89	-38760.05	-39397.36
	runtime	4.84	323.76	722.72	361.81	357.90	305.91	363.84	325.73
	memory (GB)	0.31 GB	0.27 GB	0.13 GB	0.27 GB	0.28 GB	0.18 GB	0.28 GB	0.18 GB
TST_test_0034_112_94	value	-58021.98	-58397.43	-58683.30	-58622.04	-58634.80	-58636.19	-58622.04	-58622.04
	bound	-59015.02	-59015.06	-59015.01	-59017.71	-59016.27	-59034.69	-59058.18	-59374.16
	runtime	4.06	550.56	749.34	545.54	530.12	502.17	542.96	510.30
	memory (GB)	0.44 GB	0.48 GB	0.19 GB	0.38 GB	0.41 GB	0.28 GB	0.40 GB	0.29 GB
TST_test_0035_80_86	value	-37296.74	-37430.58	-37749.05	-37719.22	-37735.36	-37726.15	-37740.20	-37721.08
	bound	-38053.35	-38053.40	-38053.35	-38055.42	-38054.28	-38070.41	-38083.59	-38360.32
	runtime	3.05	354.59	289.58	323.93	319.68	308.97	322.98	291.54
	memory (GB)	0.29 GB	0.26 GB	0.12 GB	0.24 GB	0.26 GB	0.17 GB	0.26 GB	0.17 GB
TST_test_0036_72_114	value	-44497.34	-44889.89	-45181.61	-45136.25	-45143.74	-45140.53	-45136.25	-45130.23
	bound	-45516.12	-45514.90	-45514.85	-45517.30	-45515.75	-45534.31	-45551.17	-45871.84
	runtime	41.82	335.55	361.91	408.25	392.95	348.88	409.64	335.95
	memory (GB)	0.34 GB	0.29 GB	0.14 GB	0.34 GB	0.32 GB	0.24 GB	0.32 GB	0.21 GB
TST_test_0037_80_101	value	-44147.46	-44336.43	-44453.99	-44396.24	-44422.16	-44403.94	-44396.24	-44396.24
	bound	-44685.54	-44685.58	-44685.54	-44687.13	-44685.98	-44700.22	-44709.29	-44955.60
	runtime	3.29	329.07	366.74	400.09	394.38	355.92	387.85	355.32
	memory (GB)	0.34 GB	0.28 GB	0.14 GB	0.29 GB	0.29 GB	0.19 GB	0.29 GB	0.19 GB
TST_test_0038_96_110	value	-58057.64	-58521.81	-58953.96	-58856.08	-58943.91	-58924.19	-58953.57	-58856.08
	bound	-59428.75	-59428.82	-59428.75	-59433.35	-59429.87	-59455.02	-59488.88	-59867.38
	runtime	5.02	775.79	573.35	450.81	516.96	499.62	522.92	504.70
	memory (GB)	0.45 GB	0.48 GB	0.19 GB	0.41 GB	0.42 GB	0.27 GB	0.41 GB	0.29 GB
TST_test_0039_80_99	value	-42133.00	-42664.70	-42992.33	-42972.08	-42972.08	-42977.33	-42972.08	-42972.08
	bound	-43420.97	-43421.05	-43420.97	-43424.32	-43422.77	-43443.81	-43473.50	-43829.72
	runtime	8.91	620.60	770.08	363.75	320.91	348.24	321.95	343.04
	memory (GB)	0.33 GB	0.28 GB	0.14 GB	0.29 GB	0.28 GB	0.19 GB	0.30 GB	0.19 GB
TST_test_0040_80_93	value	-39481.48	-39668.98	-40123.54	-40108.92	-40112.09	-40109.34	-40108.92	-40108.92
	bound	-40511.61	-40511.65	-40511.61	-40514.50	-40512.64	-40532.52	-40555.73	-40883.29
	runtime	3.69	306.61	263.94	339.55	354.53	326.31	339.47	317.27
	memory (GB)	0.31 GB	0.27 GB	0.13 GB	0.27 GB	0.27 GB	0.18 GB	0.29 GB	0.18 GB
TST_test_0041_88_96	value	-47132.08	-47275.73	-47410.02	-47416.43	-47416.43	-47416.43	-47416.43	-47416.43
	bound	-47583.63	-47583.67	-47583.63	-47584.49	-47584.38	-47592.33	-47596.37	-47742.72
	runtime	3.16	343.98	295.95	409.70	426.43	368.16	425.07	349.11
	memory (GB)	0.35 GB	0.30 GB	0.15 GB	0.33 GB	0.36 GB	0.24 GB	0.34 GB	0.22 GB
TST_test_0042_72_104	value	-39178.66	-39353.90	-39807.74	-39701.96	-39739.41	-39713.90	-39701.96	-39741.45
	bound	-40393.71	-40393.84	-40393.77	-40399.35	-40395.35	-40428.80	-40479.27	-40976.42
	runtime	22.65	540.88	1219.02	360.46	351.04	321.23	317.22	326.72
	memory (GB)	0.31 GB	0.27 GB	0.13 GB	0.29 GB	0.28 GB	0.18 GB	0.29 GB	0.18 GB
TST_test_0043_72_106	value	-37400.54	-38605.71	-39280.05	-39254.88	-39279.78	-39264.28	-39254.88	-39249.63
	bound	-40233.69	-40233.92	-40233.77	-40243.82	-40236.66	-40283.21	-40386.96	-41046.71
	runtime	59.30	760.41	1201.42	317.84	323.16	315.66	373.50	331.66
	memory (GB)	0.32 GB	0.27 GB	0.13 GB	0.27 GB	0.29 GB	0.18 GB	0.27 GB	0.18 GB
TST_test_0044_56_93	value	-25449.78	-25941.54	-26408.71	-26450.29	-26457.29	-26450.29	-26454.16	-26459.12
	bound	-27136.17	-27136.21	-27136.17	-27142.25	-27137.79	-27171.64	-27231.54	-27710.05
	runtime	6.05	282.83	257.07	240.16	229.03	218.03	249.28	223.87
	memory (GB)	0.21 GB	0.25 GB	0.09 GB	0.19 GB	0.20 GB	0.14 GB	0.19 GB	0.13 GB
TST_test_0045_80_120	value	-52126.30	-52654.83	-52984.62	-52962.79	-52962.76	-52952.24	-52946.04	-52946.04
	bound	-53489.55	-53489.63	-53489.55	-53493.63	-53490.62	-53517.24	-53560.51	-53936.58
	runtime	6.03	529.25	870.42	464.60	486.27	440.01	486.09	455.08
	memory (GB)	0.40 GB	0.48 GB	0.17 GB	0.38 GB	0.35 GB	0.27 GB	0.36 GB	0.27 GB
TST_test_0046_96_105	value	-54741.85	-54860.21	-55372.92	-55318.16	-55337.86	-55330.07	-55318.16	-55326.25
	bound	-55876.30	-55876.50	-55876.30	-55880.74	-55877.27	-55904.31	-55949.58	-56328.75
	runtime	5.53	610.53	1564.23	510.64	496.84	469.67	495.68	473.29
	memory (GB)	0.43 GB	0.48 GB	0.18 GB	0.39 GB	0.41 GB	0.28 GB	0.42 GB	0.28 GB
TST_test_0047_112_121	value	-76248.08	-76480.23	-76656.48	-76629.41	-76631.24	-76596.76	-76629.89	-76587.03
	bound	-76776.18	-76776.26	-76776.19	-76776.96	-76777.42	-76785.38	-76788.43	-76954.40
	runtime	6.29	1390.26	2121.60	713.63	713.34	658.42	691.22	661.55
	memory (GB)	0.58 GB	0.54 GB	0.24 GB	0.50 GB	0.51 GB	0.34 GB	0.52 GB	0.34 GB
TST_test_0048_72_98	value	-34962.87	-35251.32	-35927.00	-35869.21	-35871.15	-35873.96	-35869.21	-35869.21
	bound	-36809.85	-36809.87	-36809.85	-36819.19	-36812.06	-36857.71	-36952.15	-37635.38
	runtime	4.53	427.20	378.80	330.05	334.18	306.85	340.05	287.82
	memory (GB)	0.29 GB	0.27 GB	0.13 GB	0.27 GB	0.26 GB	0.17 GB	0.26 GB	0.17 GB
TST_test_0049_96_79	value	-41135.99	-41331.89	-41569.42	-41547.82	-41562.08	-41560.55	-41547.82	-41547.82
	bound	-41805.15	-41805.19	-41805.15	-41806.65	-41805.65	-41817.93	-41828.03	-42046.19
	runtime	2.90	326.74	408.66	343.45	346.76	329.44	302.05	344.68
	memory (GB)	0.32 GB	0.27 GB	0.14 GB	0.29 GB	0.29 GB	0.18 GB	0.29 GB	0.18 GB
TST_test_0050_88_94	value	-42182.62	-42881.95	-43482.18	-43296.27	-43309.99	-43316.94	-43426.31	-43300.97
	bound	-44253.04	-44253.14	-44253.05	-44262.10	-44255.14	-44301.28	-44368.68	-45067.85
	runtime	11.40	354.16	993.13	396.11	399.84	358.57	400.75	385.55
	memory (GB)	0.35 GB	0.29 GB	0.15 GB	0.35 GB	0.35 GB	0.24 GB	0.32 GB	0.24 GB

dtf-chinesechar		ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	QPBO	TRWS-TAB	TRWS-pct	ogm-ILP-pct	MCBC-pct	ogm-ILP	SA
TST_test_0001_88_115	value	-56450.08	-56463.11	-56501.15	-56501.15	-56511.42	-56511.42	**-56545.58**	**-56545.58**	-56540.88	**-56545.58**
	bound	-56791.17	-56810.58	-56790.27	-56790.27	-56790.36	-56790.27	-56724.86	**-56545.58**	-56757.77	-Inf
	runtime	488.80	430.70	416.63	0.11	134.64	0.99	3554.12	192.80	3558.03	NaN
	memory (GB)	0.42 GB	0.28 GB	1.76 GB	0.07 GB	0.07 GB	0.07 GB	0.33 GB	NaN GB	4.23 GB	NaN GB
TST_test_0002_88_105	value	-49262.62	-49273.07	-48706.75	-49300.12	-49300.12	-49300.12	**-49329.81**	-49329.55	-49309.43	-49255.31
	bound	-50300.87	-50320.91	-50299.28	-50299.28	-50299.28	-50299.28	-50252.67	**-49524.89**	-50269.86	-Inf
	runtime	429.51	387.91	2344.39	0.22	59.24	5.03	3566.32	3605.18	3542.51	NaN
	memory (GB)	0.37 GB	0.26 GB	1.66 GB	0.07 GB	0.07 GB	0.07 GB	0.70 GB	NaN GB	3.82 GB	NaN GB
TST_test_0003_64_99	value	-31590.73	-31608.76	-31638.41	-31646.50	-31656.27	-31649.35	**-31705.26**	-31704.27	-31687.37	-31665.90
	bound	-32728.26	-32747.08	-32726.76	-32726.76	-32726.76	-32726.76	-32677.71	**-31954.55**	-32690.38	-Inf
	runtime	285.31	235.40	2435.02	0.26	44.47	6.94	3572.80	3603.75	3540.29	NaN
	memory (GB)	0.24 GB	0.15 GB	1.16 GB	0.05 GB	0.04 GB	0.05 GB	0.73 GB	NaN GB	2.66 GB	NaN GB
TST_test_0004_88_97	value	-44409.59	-44421.83	-43430.30	-44481.97	-44433.56	-44427.14	**-44497.71**	**-44497.71**	-44490.43	-44473.90
	bound	-45421.15	-45443.55	-45419.21	-45419.21	-45419.36	-45419.21	-45369.59	**-44693.82**	-45388.19	-Inf
	runtime	418.89	364.21	2876.26	0.28	84.63	13.58	3567.20	3601.30	3523.80	NaN
	memory (GB)	0.34 GB	0.24 GB	1.53 GB	0.06 GB	0.06 GB	0.06 GB	0.71 GB	NaN GB	3.53 GB	NaN GB
TST_test_0005_120_97	value	-62704.68	-62722.18	-62208.09	-62732.05	-62736.85	-62735.70	**-62775.57**	-62775.31	-62759.41	-62730.03
	bound	-63699.56	-63722.00	-63698.27	-63698.27	-63698.27	-63698.27	-63648.31	**-62945.43**	-63667.78	-Inf
	runtime	584.82	582.01	2215.84	0.23	90.45	5.95	3568.50	3601.46	3552.60	NaN
	memory (GB)	0.47 GB	0.29 GB	2.01 GB	0.08 GB	0.08 GB	0.08 GB	0.69 GB	NaN GB	4.79 GB	NaN GB
TST_test_0006_112_99	value	-62487.51	-62478.52	-62487.51	-62487.51	-62487.51	-62487.51	-62503.74	**-62506.84**	-62487.51	**-62506.84**
	bound	-62719.40	-62734.07	-62718.76	-62718.76	-62718.76	-62718.76	-62650.47	**-62506.84**	-62684.33	-Inf
	runtime	592.97	541.54	288.88	0.09	86.69	0.86	3573.50	91.77	3565.69	NaN
	memory (GB)	0.41 GB	0.28 GB	1.91 GB	0.08 GB	0.08 GB	0.08 GB	0.32 GB	NaN GB	4.52 GB	NaN GB
TST_test_0007_88_112	value	-53595.05	-53623.07	-52712.75	-53647.26	-53611.02	-53609.31	**-53665.85**	**-53665.85**	-53647.26	-53652.40
	bound	-54398.47	-54413.41	-54397.33	-54397.33	-54397.33	-54397.33	-54340.92	**-53759.55**	-54374.16	-Inf
	runtime	499.67	432.46	1514.47	0.19	91.94	7.82	3577.88	3602.54	3578.59	NaN
	memory (GB)	0.36 GB	0.25 GB	1.77 GB	0.07 GB	0.07 GB	0.07 GB	0.62 GB	NaN GB	4.03 GB	NaN GB
TST_test_0008_80_102	value	-44067.73	-44096.98	-43958.31	-44069.37	-44146.88	-44146.88	-44160.56	**-44167.20**	-44152.15	-44166.09
	bound	-44573.50	-44588.27	-44572.52	-44572.52	-44572.55	-44572.52	-44513.91	**-44167.20**	-44546.96	-Inf
	runtime	413.66	375.77	685.68	0.12	97.08	3.95	3575.43	948.01	3553.57	NaN
	memory (GB)	0.30 GB	0.19 GB	1.46 GB	0.06 GB	0.06 GB	0.06 GB	0.43 GB	NaN GB	3.40 GB	NaN GB
TST_test_0009_64_80	value	-25897.17	-25923.76	-25137.96	-25934.40	-25944.94	-25940.07	**-25953.88**	**-25953.88**	-25936.49	-25933.41
	bound	-26667.15	-26677.63	-26666.34	-26666.34	-26666.34	-26666.34	-26612.13	**-25961.34**	-26638.19	-Inf
	runtime	225.32	206.42	1524.90	0.16	46.19	5.82	3567.94	3601.54	3565.11	NaN
	memory (GB)	0.20 GB	0.14 GB	0.87 GB	0.04 GB	0.04 GB	0.04 GB	0.57 GB	NaN GB	2.08 GB	NaN GB
TST_test_0010_80_109	value	-46750.77	-46757.16	-46277.84	-46792.45	-46797.42	-46797.42	-46825.62	**-46827.55**	-46797.25	-46821.21
	bound	-47457.63	-47479.60	-47456.19	-47456.19	-47456.19	-47456.19	-47404.50	**-46833.87**	-47429.80	-Inf
	runtime	395.47	370.21	1034.84	0.18	75.65	4.01	3574.39	3600.25	3568.29	NaN
	memory (GB)	0.34 GB	0.25 GB	1.55 GB	0.06 GB	0.06 GB	0.06 GB	0.56 GB	NaN GB	3.59 GB	NaN GB
TST_test_0011_96_101	value	-51850.45	-51887.42	-51007.40	-51948.66	-51950.01	-51949.37	**-51957.40**	**-51957.40**	-51948.66	-51918.45
	bound	-52770.87	-52788.37	-52769.34	-52769.34	-52769.35	-52769.34	-52719.21	**-52056.09**	-52743.11	-Inf
	runtime	476.94	435.13	1932.28	0.21	96.58	6.68	3576.52	3600.22	3591.27	NaN
	memory (GB)	0.34 GB	0.25 GB	1.74 GB	0.07 GB	0.07 GB	0.06 GB	0.66 GB	NaN GB	3.99 GB	NaN GB
TST_test_0012_88_103	value	-50410.20	-50410.27	-50423.73	-50423.73	-50369.56	-50369.56	**-50429.23**	**-50429.23**	**-50429.23**	-50428.99
	bound	-50549.57	-50563.33	-50548.65	-50548.65	-50548.65	-50548.65	-50466.88	**-50429.23**	-50510.82	-Inf
	runtime	447.81	416.34	145.55	0.07	56.65	0.41	3579.43	15.74	3513.92	NaN
	memory (GB)	0.32 GB	0.23 GB	1.59 GB	0.07 GB	0.06 GB	0.07 GB	0.26 GB	NaN GB	5.21 GB	NaN GB
TST_test_0013_64_94	value	-30598.10	-30589.11	-30111.28	-30618.63	-30625.58	-30624.93	-30651.94	**-30674.62**	-30647.38	-30668.11
	bound	-31446.39	-31464.86	-31445.01	-31445.01	-31445.01	-31445.01	-31395.66	**-30697.18**	-31416.22	-Inf
	runtime	287.93	244.28	1650.27	0.23	33.06	3.16	3574.16	3602.07	3571.05	NaN
	memory (GB)	0.23 GB	0.16 GB	1.04 GB	0.04 GB	0.04 GB	0.04 GB	0.59 GB	NaN GB	2.52 GB	NaN GB
TST_test_0014_72_73	value	-27428.15	-27447.14	-27165.17	-27381.52	**-27481.93**	**-27481.93**	**-27481.93**	**-27481.93**	**-27481.93**	-27473.15
	bound	-27902.12	-27926.14	-27900.14	-27900.14	-27900.14	-27900.14	-27842.85	**-27481.93**	-27865.01	-Inf
	runtime	240.87	200.87	692.88	0.10	43.56	2.20	3570.78	1013.48	3560.67	NaN
	memory (GB)	0.20 GB	0.13 GB	0.89 GB	0.04 GB	0.04 GB	0.04 GB	0.42 GB	NaN GB	2.19 GB	NaN GB
TST_test_0015_80_73	value	-31467.83	-31473.43	-31114.90	-31502.75	-31502.75	-31502.75	**-31513.61**	**-31513.61**	-31507.36	**-31513.61**
	bound	-31851.44	-31864.43	-31850.90	-31850.90	-31851.00	-31850.90	-31789.96	**-31513.61**	-31817.27	-Inf
	runtime	263.14	230.38	412.70	0.11	53.87	2.46	3572.61	1137.89	3574.08	NaN
	memory (GB)	0.22 GB	0.15 GB	0.99 GB	0.04 GB	0.04 GB	0.04 GB	0.37 GB	NaN GB	2.37 GB	NaN GB
TST_test_0016_72_83	value	-29828.99	-29812.25	-29236.14	-29867.32	-29694.54	-29694.40	**-29882.00**	**-29882.00**	-29878.29	-29830.04
	bound	-30848.44	-30866.81	-30846.48	-30846.48	-30846.49	-30846.48	-30797.65	**-30060.46**	-30814.61	-Inf
	runtime	238.59	230.47	2506.06	0.24	53.01	9.13	3568.39	3602.67	3556.59	NaN
	memory (GB)	0.23 GB	0.16 GB	1.05 GB	0.04 GB	0.04 GB	0.04 GB	0.73 GB	NaN GB	2.45 GB	NaN GB
TST_test_0017_112_101	value	-60282.90	-60329.83	-59108.37	-60341.70	-60363.60	-60361.76	-60389.78	-60419.19	-60349.59	**-60420.77**
	bound	-61350.25	-61376.33	-61349.06	-61349.06	-61349.06	-61349.06	-61294.83	**-60543.35**	-61318.48	-Inf
	runtime	551.47	526.61	2682.00	0.25	115.79	7.51	3531.47	3605.06	3546.07	NaN
	memory (GB)	0.45 GB	0.31 GB	1.98 GB	0.08 GB	0.08 GB	0.08 GB	0.74 GB	NaN GB	4.63 GB	NaN GB
TST_test_0018_80_110	value	-49089.81	-49081.43	-49129.42	-49129.42	-49151.47	-49151.47	**-49154.49**	**-49154.49**	-49153.37	-49130.89
	bound	-49428.08	-49440.82	-49427.13	-49427.13	-49427.14	-49427.13	-49362.69	**-49154.49**	-49393.66	-Inf
	runtime	419.52	404.75	580.62	0.09	66.23	0.64	3550.53	175.80	3533.08	NaN
	memory (GB)	0.37 GB	0.22 GB	1.55 GB	0.06 GB	0.06 GB	0.06 GB	0.32 GB	NaN GB	3.63 GB	NaN GB
TST_test_0019_120_106	value	-70093.19	-70108.44	-70179.87	-70179.87	-70153.06	-70153.43	**-70209.30**	**-70209.30**	-70196.90	-70198.21
	bound	-70595.86	-70611.40	-70593.85	-70593.85	-70593.85	-70593.85	-70532.68	**-70209.30**	-70574.33	-Inf
	runtime	659.46	583.03	947.31	0.13	74.57	1.39	3566.29	486.54	3574.75	NaN
	memory (GB)	0.49 GB	0.32 GB	2.22 GB	0.09 GB	0.09 GB	0.09 GB	0.40 GB	NaN GB	5.42 GB	NaN GB
TST_test_0020_96_94	value	-50019.36	-49956.71	-49968.84	-49968.84	-50013.49	-50013.49	**-50062.57**	**-50062.57**	**-50062.57**	**-50062.57**
	bound	-50208.32	-50226.95	-50207.54	-50207.54	-50207.54	-50207.54	-50132.89	**-50062.57**	-50169.52	-Inf
	runtime	443.77	373.47	229.48	0.08	70.92	0.56	3559.95	29.77	3522.64	NaN
	memory (GB)	0.35 GB	0.23 GB	1.61 GB	0.06 GB	0.06 GB	0.07 GB	0.28 GB	NaN GB	3.77 GB	NaN GB
TST_test_0021_112_124	value	-76522.57	-76458.94	-76073.20	-76532.48	-76540.79	-76538.83	**-76569.89**	**-76569.89**	-76558.08	-76557.29
	bound	-77379.30	-77401.67	-77377.42	-77377.42	-77377.43	-77377.42	-77326.84	**-76677.09**	-77364.60	-Inf
	runtime	694.63	677.70	2576.58	0.22	145.89	8.60	3576.44	3605.55	3587.16	NaN
	memory (GB)	0.51 GB	0.35 GB	2.44 GB	0.10 GB	0.10 GB	0.10 GB	0.69 GB	NaN GB	5.90 GB	NaN GB
TST_test_0022_80_85	value	-36604.11	-36615.53	-36437.76	-36643.09	-36661.59	-36661.59	**-36687.25**	**-36687.25**	-36678.42	-36678.66
	bound	-37120.17	-37131.72	-37119.60	-37119.60	-37119.60	-37119.60	-37061.45	**-36687.25**	-37090.22	-Inf
	runtime	294.54	283.88	658.37	0.11	48.39	1.44	3573.78	1088.44	3580.00	NaN
	memory (GB)	0.27 GB	0.17 GB	1.21 GB	0.05 GB	0.05 GB	0.05 GB	0.44 GB	NaN GB	2.84 GB	NaN GB
TST_test_0023_112_112	value	-68866.66	-68902.42	-68173.91	-68972.14	-68977.59	-68977.59	**-68998.55**	**-68998.55**	-68991.32	-68971.47
	bound	-69778.39	-69797.45	-69776.42	-69776.42	-69776.44	-69776.42	-69722.22	**-69094.31**	-69763.17	-Inf
	runtime	641.47	651.68	2578.11	0.26	127.60	15.86	3575.82	3601.67	3591.28	NaN
	memory (GB)	0.49 GB	0.31 GB	2.23 GB	0.09 GB	0.09 GB	0.09 GB	0.66 GB	NaN GB	5.31 GB	NaN GB
TST_test_0024_88_126	value	-59983.96	-59799.90	-59793.06	-59793.06	-59850.84	-59844.97	**-60034.07**	**-60034.07**	-60015.27	-60032.75
	bound	-60317.84	-60336.78	-60317.24	-60317.24	-60317.24	-60317.24	-60259.43	**-60034.07**	-60295.40	-Inf
	runtime	555.03	532.55	626.32	0.11	97.12	2.79	3574.72	347.36	3589.00	NaN
	memory (GB)	0.45 GB	0.30 GB	1.92 GB	0.08 GB	0.08 GB	0.08 GB	0.41 GB	NaN GB	4.63 GB	NaN GB
TST_test_0025_64_92	value	-30791.97	-30801.73	-30355.74	-30832.81	-30848.36	-30848.36	-30858.62	**-30860.19**	-30847.17	-30855.37
	bound	-31429.20	-31444.51	-31427.67	-31427.67	-31427.67	-31427.67	-31376.95	**-30860.19**	-31394.87	-Inf
	runtime	269.50	235.58	864.33	0.13	12.67	1.53	3573.46	3026.35	3560.15	NaN
	memory (GB)	0.22 GB	0.14 GB	1.00 GB	0.04 GB	0.04 GB	0.04 GB	0.46 GB	NaN GB	2.37 GB	NaN GB
TST_test_0026_56_92	value	-26951.15	-26963.24	-27013.38	-27013.38	-27029.34	-27025.26	-27065.00	**-27071.86**	-27060.91	-27065.64
	bound	-27510.25	-27520.83	-27509.09	-27509.09	-27509.09	-27509.09	-27455.45	**-27071.86**	-27473.85	-Inf
	runtime	226.72	218.60	686.38	0.11	38.44	2.55	3568.10	1215.59	3569.72	NaN
	memory (GB)	0.18 GB	0.13 GB	0.88 GB	0.04 GB	0.04 GB	0.04 GB	0.45 GB	NaN GB	2.19 GB	NaN GB
TST_test_0027_88_109	value	-52730.13	-52718.24	-52709.08	-52725.46	-52734.55	-52734.55	-52761.09	**-52763.82**	-52761.41	-52750.27
	bound	-52949.64	-52964.82	-52948.71	-52948.71	-52948.71	-52948.71	-52878.28	**-52763.82**	-52914.91	-Inf
	runtime	435.10	449.02	247.97	0.09	66.14	0.61	3568.11	47.68	3558.27	NaN
	memory (GB)	0.37 GB	0.27 GB	1.69 GB	0.07 GB	0.07 GB	0.07 GB	0.29 GB	NaN GB	4.01 GB	NaN GB
TST_test_0028_48_105	value	-25421.49	-25450.21	-25000.61	-25487.40	-25393.26	-25393.26	**-25521.12**	-25520.34	-25515.93	-25475.46
	bound	-26190.33	-26206.05	-26189.10	-26189.10	-26189.10	-26189.10	-26137.94	**-25532.48**	-26160.01	-Inf
	runtime	216.32	213.61	1673.08	0.17	52.26	3.09	3572.86	3600.44	3582.45	NaN
	memory (GB)	0.18 GB	0.13 GB	0.86 GB	0.04 GB	0.04 GB	0.04 GB	0.56 GB	NaN GB	2.06 GB	NaN GB
TST_test_0029_96_117	value	-61479.20	-61470.08	-61486.34	-61486.34	-61383.15	-61385.49	**-61516.13**	**-61516.13**	-61499.42	-61489.68
	bound	-62066.12	-62087.15	-62064.36	-62064.36	-62064.37	-62064.36	-62014.49	**-61516.13**	-62053.21	-Inf
	runtime	598.28	579.61	1422.24	0.20	82.96	4.39	3572.62	3461.10	3597.37	NaN
	memory (GB)	0.40 GB	0.28 GB	1.94 GB	0.08 GB	0.08 GB	0.08 GB	0.54 GB	NaN GB	4.68 GB	NaN GB
TST_test_0030_112_123	value	-72127.77	-72313.51	-63611.29	-72259.86	-72364.58	-72364.58	-72420.73	**-72437.35**	-72358.41	-72424.53
	bound	-73910.21	-73929.81	-74610.82	-73907.93	-73907.93	-73907.93	-73852.78	**-73004.60**	-73876.25	-Inf
	runtime	732.21	660.25	3603.25	0.32	114.78	13.85	3564.40	3612.33	3544.32	NaN
	memory (GB)	0.52 GB	0.35 GB	3.29 GB	0.10 GB	0.10 GB	0.10 GB	1.06 GB	NaN GB	5.81 GB	NaN GB
TST_test_0031_64_78	value	-25443.02	-25444.25	-25003.15	-25442.72	-25493.06	-25493.69	**-25495.64**	**-25495.64**	-25493.69	-25476.44
	bound	-26052.34	-26065.09	-26050.35	-26050.35	-26050.35	-26050.35	-25999.65	**-25495.64**	-26019.81	-Inf
	runtime	219.59	179.91	867.93	0.10	17.03	1.11	3570.64	3173.63	3577.25	NaN
	memory (GB)	0.19 GB	0.14 GB	0.86 GB	0.04 GB	0.04 GB	0.04 GB	0.50 GB	NaN GB	2.12 GB	NaN GB
TST_test_0032_64_89	value	-28510.46	-28554.93	-28562.88	-28562.88	-28516.44	-28517.57	**-28616.31**	-28616.22	-28584.82	-28583.82
	bound	-29503.75	-29524.79	-29501.70	-29501.70	-29501.70	-29501.70	-29451.60	**-28752.29**	-29470.18	-Inf
	runtime	256.02	247.29	2534.46	0.20	51.20	7.83	3576.77	3610.28	3582.61	NaN
	memory (GB)	0.22 GB	0.14 GB	1.00 GB	0.04 GB	0.04 GB	0.04 GB	0.68 GB	NaN GB	2.39 GB	NaN GB
TST_test_0033_88_84	value	-37639.43	-37652.03	-36662.71	-37651.99	-37584.59	-37577.40	-37711.67	-37748.30	-37731.82	**-37752.21**
	bound	-38616.59	-38631.92	-38614.85	-38614.85	-38614.85	-38614.85	-38566.67	**-37870.30**	-38589.52	-Inf
	runtime	352.69	335.67	2708.93	0.21	62.79	5.38	3574.39	3603.33	3585.05	NaN
	memory (GB)	0.27 GB	0.18 GB	1.36 GB	0.05 GB	0.05 GB	0.05 GB	0.72 GB	NaN GB	3.07 GB	NaN GB
TST_test_0034_112_94	value	-58626.66	-58636.00	-58535.25	-58633.71	-58656.29	-58656.29	**-58707.27**	**-58707.27**	-58700.06	-58707.24
	bound	-59015.94	-59029.49	-59015.01	-59015.01	-59015.02	-59015.01	-58954.35	**-58707.27**	-58989.59	-Inf
	runtime	549.53	459.21	657.08	0.12	92.13	1.35	3568.81	275.39	3584.01	NaN
	memory (GB)	0.38 GB	0.28 GB	1.83 GB	0.08 GB	0.07 GB	0.08 GB	0.36 GB	NaN GB	4.36 GB	NaN GB
TST_test_0035_80_86	value	-37735.36	-37732.09	-37735.36	-37735.36	-37747.55	-37747.31	**-37750.37**	**-37750.37**	-37748.96	-37744.91
	bound	-38054.41	-38065.49	-38053.35	-38053.35	-38053.35	-38053.35	-37988.57	**-37750.37**	-38018.50	-Inf
	runtime	321.30	293.89	449.07	0.10	90.98	1.21	3567.06	368.39	3574.77	NaN
	memory (GB)	0.26 GB	0.17 GB	1.22 GB	0.05 GB	0.05 GB	0.05 GB	0.35 GB	NaN GB	2.86 GB	NaN GB
TST_test_0036_72_114	value	-45136.25	-45142.22	-45139.77	-45139.77	-45166.05	-45181.74	-45208.22	**-45210.42**	-45190.92	-45196.80
	bound	-45516.36	-45526.83	-45514.85	-45514.85	-45514.85	-45514.85	-45452.01	**-45210.42**	-45478.75	-Inf
	runtime	389.96	358.36	378.54	0.09	67.40	1.49	3549.96	295.77	3566.70	NaN
	memory (GB)	0.35 GB	0.24 GB	1.45 GB	0.06 GB	0.06 GB	0.06 GB	0.37 GB	NaN GB	3.39 GB	NaN GB
TST_test_0037_80_101	value	-44412.21	-44419.99	-44446.40	-44446.40	-44453.23	-44453.23	-44484.57	**-44484.65**	-44483.01	-44479.01
	bound	-44686.02	-44699.90	-44685.54	-44685.54	-44685.54	-44685.54	-44619.71	**-44484.65**	-44653.26	-Inf
	runtime	394.81	370.49	219.16	0.08	58.31	0.64	3559.84	67.61	3536.68	NaN
	memory (GB)	0.29 GB	0.19 GB	1.44 GB	0.06 GB	0.06 GB	0.06 GB	0.29 GB	NaN GB	3.37 GB	NaN GB
TST_test_0038_96_110	value	-58860.20	-58906.75	-58953.57	-58953.57	-58954.06	-58954.06	**-58958.75**	**-58958.75**	-58954.06	-58924.53
	bound	-59429.66	-59443.81	-59428.75	-59428.75	-59428.75	-59428.75	-59373.51	**-58958.75**	-59407.79	-Inf
	runtime	515.13	455.86	1018.35	0.15	103.29	2.53	3543.27	1259.89	3578.01	NaN
	memory (GB)	0.41 GB	0.29 GB	1.84 GB	0.08 GB	0.07 GB	0.08 GB	0.46 GB	NaN GB	4.32 GB	NaN GB
TST_test_0039_80_99	value	-42972.08	-42983.76	-42518.77	-42992.33	-42992.33	-42992.33	-43002.70	**-43002.72**	-42996.40	-43001.60
	bound	-43422.61	-43444.21	-43420.97	-43420.97	-43420.99	-43420.97	-43367.05	**-43002.72**	-43395.47	-Inf
	runtime	336.38	338.66	783.29	0.17	74.08	3.51	3568.90	1366.51	3571.22	NaN
	memory (GB)	0.28 GB	0.19 GB	1.44 GB	0.06 GB	0.06 GB	0.06 GB	0.43 GB	NaN GB	3.26 GB	NaN GB
TST_test_0040_80_93	value	-40108.92	-40112.09	-39960.35	-40106.57	-40114.21	-40113.02	-40155.33	**-40157.48**	-40148.00	-40146.90
	bound	-40512.65	-40533.38	-40511.61	-40511.61	-40511.61	-40511.61	-40449.06	**-40157.48**	-40481.09	-Inf
	runtime	346.97	324.73	377.80	0.13	53.52	1.94	3563.39	357.32	3577.32	NaN
	memory (GB)	0.26 GB	0.18 GB	1.33 GB	0.05 GB	0.05 GB	0.05 GB	0.38 GB	NaN GB	3.14 GB	NaN GB
TST_test_0041_88_96	value	-47416.43	-47416.43	-47402.15	-47402.15	-47396.58	-47395.25	**-47428.21**	**-47428.21**	-47427.04	-47424.43
	bound	-47584.73	-47600.66	-47583.63	-47583.63	-47583.63	-47583.63	-47510.28	**-47428.21**	-47546.62	-Inf
	runtime	407.69	362.76	138.27	0.08	73.13	0.66	3576.84	29.07	3563.53	NaN
	memory (GB)	0.36 GB	0.24 GB	1.50 GB	0.06 GB	0.06 GB	0.06 GB	0.28 GB	NaN GB	3.55 GB	NaN GB
TST_test_0042_72_104	value	-39701.96	-39708.51	-39147.09	-39750.24	-39711.40	-39711.75	-39857.73	**-39858.83**	-39847.52	-39837.73
	bound	-40395.18	-40409.17	-40393.71	-40393.71	-40393.84	-40393.71	-40336.88	**-39858.83**	-40366.12	-Inf
	runtime	357.55	335.89	637.75	0.16	68.71	5.51	3567.83	2751.16	3581.26	NaN
	memory (GB)	0.26 GB	0.18 GB	1.35 GB	0.05 GB	0.05 GB	0.05 GB	0.53 GB	NaN GB	3.12 GB	NaN GB
TST_test_0043_72_106	value	-39254.88	-39265.37	-29184.68	-39264.66	-39223.09	-39227.02	-39289.96	-39285.19	-39282.03	-39284.24
	bound	-40236.54	-40253.95	-40355.91	-40233.77	-40233.87	-40233.77	-40182.03	**-39456.78**	-40202.01	-Inf
	runtime	364.90	352.30	3602.09	0.32	71.94	12.35	3574.97	3603.13	3564.06	NaN
	memory (GB)	0.28 GB	0.18 GB	1.85 GB	0.05 GB	0.05 GB	0.05 GB	0.70 GB	NaN GB	3.12 GB	NaN GB
TST_test_0044_56_93	value	-26450.29	-26454.90	-26456.02	-26456.02	-26461.67	-26461.67	-26481.34	**-26482.69**	-26463.71	-26470.64
	bound	-27137.48	-27150.43	-27136.17	-27136.17	-27136.17	-27136.17	-27080.34	**-26498.08**	-27102.88	-Inf
	runtime	230.23	223.52	1885.83	0.17	35.31	4.84	3536.32	3600.37	3580.40	NaN
	memory (GB)	0.20 GB	0.13 GB	0.92 GB	0.04 GB	0.04 GB	0.04 GB	0.57 GB	NaN GB	2.13 GB	NaN GB
TST_test_0045_80_120	value	-52946.04	-52949.53	-52984.62	-52984.62	-52985.15	-52985.15	-53007.55	**-53007.66**	-53004.28	-52966.20
	bound	-53490.96	-53509.44	-53489.55	-53489.55	-53489.55	-53489.55	-53435.29	**-53007.66**	-53467.43	-Inf
	runtime	479.70	440.52	824.87	0.20	88.97	2.41	3541.89	1429.66	3584.10	NaN
	memory (GB)	0.37 GB	0.27 GB	1.69 GB	0.07 GB	0.07 GB	0.07 GB	0.45 GB	NaN GB	4.05 GB	NaN GB
TST_test_0046_96_105	value	-55354.24	-55340.50	-55360.66	-55360.66	-55364.38	-55364.38	**-55426.86**	**-55426.86**	-55391.38	-55413.23
	bound	-55877.12	-55889.53	-55876.30	-55876.30	-55876.43	-55876.30	-55817.18	**-55426.86**	-55856.38	-Inf
	runtime	467.72	473.31	792.89	0.16	97.39	2.32	3540.49	1072.80	3586.25	NaN
	memory (GB)	0.40 GB	0.28 GB	1.76 GB	0.07 GB	0.07 GB	0.07 GB	0.44 GB	NaN GB	4.23 GB	NaN GB
TST_test_0047_112_121	value	-76648.07	-76610.31	-76648.67	-76648.67	-76656.48	-76660.00	**-76660.12**	**-76660.12**	**-76660.12**	**-76660.12**
	bound	-76777.87	-76802.32	-76776.18	-76776.18	-76776.21	-76776.18	-76694.62	**-76660.12**	-76738.37	-Inf
	runtime	753.98	597.86	202.09	0.11	184.81	0.93	3549.24	16.18	3551.47	NaN
	memory (GB)	0.50 GB	0.34 GB	2.33 GB	0.10 GB	0.09 GB	0.10 GB	0.44 GB	NaN GB	5.74 GB	NaN GB
TST_test_0048_72_98	value	-35869.21	-35878.65	-34820.36	-35885.92	-35881.54	-35881.54	-35958.25	-35956.00	-35922.70	-35943.40
	bound	-36811.95	-36831.61	-36809.85	-36809.85	-36809.85	-36809.85	-36759.02	**-36041.29**	-36786.12	-Inf
	runtime	334.08	309.77	3206.35	0.20	43.16	5.50	3564.29	3601.80	3590.80	NaN
	memory (GB)	0.25 GB	0.17 GB	1.27 GB	0.05 GB	0.05 GB	0.05 GB	0.66 GB	NaN GB	2.91 GB	NaN GB
TST_test_0049_96_79	value	-41547.82	-41562.08	-41553.78	-41553.78	-41529.24	-41529.24	**-41570.57**	**-41570.57**	-41569.42	-41559.70
	bound	-41805.98	-41821.89	-41805.15	-41805.15	-41805.15	-41805.15	-41740.58	**-41570.57**	-41770.83	-Inf
	runtime	384.51	333.22	303.52	0.11	62.68	0.86	3535.96	105.70	3569.55	NaN
	memory (GB)	0.27 GB	0.18 GB	1.36 GB	0.05 GB	0.05 GB	0.05 GB	0.31 GB	NaN GB	3.12 GB	NaN GB
TST_test_0050_88_94	value	-43310.94	-43311.97	-42659.14	-43355.63	-43389.78	-43381.74	-43515.23	**-43523.48**	-43505.80	-43521.10
	bound	-44254.94	-44270.40	-44253.05	-44253.05	-44253.05	-44253.05	-44200.91	**-43549.37**	-44235.10	-Inf
	runtime	381.35	384.24	2206.38	0.18	106.88	7.23	3544.95	3602.89	3583.07	NaN
	memory (GB)	0.36 GB	0.24 GB	1.49 GB	0.06 GB	0.06 GB	0.06 GB	0.64 GB	NaN GB	3.46 GB	NaN GB

dtf-chinesechar		LSA-TR (euc.)	LSA-TR (ham.)	ogm-ICM	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3
TST_test_0051_64_106	value	**-35672.84**	-35668.53	-35668.53	-35619.30	-35668.53	**-35672.84**	**-35672.84**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.05	0.16	366.03	0.16	5.04	404.68
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.33 GB	0.06 GB	0.09 GB	1.13 GB
TST_test_0052_96_107	value	-58144.29	-58139.18	-58143.73	-58130.90	-58143.73	-58143.73	**-58145.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.03	0.23	575.30	0.28	7.28	695.83
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.51 GB	0.09 GB	0.14 GB	1.16 GB
TST_test_0053_88_118	value	-57867.71	-57868.50	-57859.88	-57866.65	-57859.88	-57859.88	-57860.70
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.06	0.04	0.24	593.77	0.26	7.40	690.67
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.51 GB	0.09 GB	0.14 GB	1.16 GB
TST_test_0054_88_106	value	-48950.78	-48933.15	-48929.31	-48948.16	-48929.31	-48951.81	-48952.98
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.08	0.09	0.23	519.73	0.22	8.04	607.62
	memory (GB)	0.06 GB	0.06 GB	0.06 GB	0.47 GB	0.09 GB	0.13 GB	1.15 GB
TST_test_0055_96_108	value	-55248.23	-55238.70	-55235.32	-55205.73	-55235.32	-55246.44	-55248.24
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.07	0.26	589.91	0.30	8.34	722.04
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.51 GB	0.09 GB	0.14 GB	1.16 GB
TST_test_0056_88_112	value	**-55055.94**	-55055.23	-55055.23	-55016.42	-55055.23	-55055.23	**-55055.94**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.04	0.20	553.86	0.22	6.90	640.22
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.49 GB	0.09 GB	0.14 GB	1.16 GB
TST_test_0057_80_95	value	**-40054.23**	-40044.26	-40045.29	-39951.99	-40045.29	-40045.29	-40046.16
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.06	0.15	420.02	0.18	5.25	487.30
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.37 GB	0.07 GB	0.10 GB	1.13 GB
TST_test_0058_144_124	value	-99153.24	-99146.96	-99135.23	-99113.86	-99135.23	-99145.70	-99153.94
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.07	0.07	0.45	1024.76	0.45	13.79	1313.71
	memory (GB)	0.10 GB	0.10 GB	0.12 GB	0.91 GB	0.16 GB	0.25 GB	2.29 GB
TST_test_0059_104_73	value	**-41794.15**	-41791.92	-41754.35	-41791.38	-41754.35	-41791.86	-41793.29
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.02	0.21	402.71	0.19	8.05	490.19
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.37 GB	0.07 GB	0.10 GB	1.13 GB
TST_test_0060_80_111	value	-48666.40	-48668.96	-48635.73	-48666.23	-48635.73	-48670.14	-48671.22
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.06	0.21	503.88	0.23	7.40	570.59
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.44 GB	0.08 GB	0.12 GB	1.15 GB
TST_test_0061_88_86	value	**-39754.67**	-39715.43	-39719.39	-39719.62	-39719.39	-39734.54	-39734.86
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.09	0.05	0.17	423.49	0.19	7.01	484.76
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.37 GB	0.07 GB	0.10 GB	1.13 GB
TST_test_0062_88_106	value	-48719.28	-48715.95	-48717.58	-48652.70	-48717.58	-48717.58	-48717.58
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.10	0.16	521.90	0.17	6.50	579.04
	memory (GB)	0.06 GB	0.06 GB	0.06 GB	0.47 GB	0.09 GB	0.13 GB	1.15 GB
TST_test_0063_120_108	value	-72570.13	-72565.83	-72544.30	-72511.81	-72544.30	-72559.72	-72569.95
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.06	0.29	723.60	0.30	10.04	980.35
	memory (GB)	0.07 GB	0.07 GB	0.09 GB	0.64 GB	0.12 GB	0.17 GB	2.25 GB
TST_test_0064_80_103	value	-44986.08	-44980.59	-44952.03	-44983.48	-44952.03	-44967.36	-44968.62
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.03	0.22	464.42	0.21	6.87	550.11
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.40 GB	0.07 GB	0.10 GB	1.14 GB
TST_test_0065_104_94	value	**-52896.64**	-52892.67	-52880.71	-52859.64	-52880.71	-52884.36	-52887.57
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.06	0.06	0.23	563.95	0.24	7.54	685.00
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.49 GB	0.09 GB	0.13 GB	1.16 GB
TST_test_0066_96_121	value	**-64078.28**	-64066.02	-64009.57	**-64078.28**	-64009.57	-64035.02	-64035.02
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.04	0.30	43.99	0.31	9.33	748.25
	memory (GB)	0.07 GB	0.07 GB	0.08 GB	0.57 GB	0.11 GB	0.15 GB	1.17 GB
TST_test_0067_96_121	value	**-65540.34**	-65539.85	-65437.73	**-65540.34**	-65447.69	-65482.05	-65491.33
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.03	0.27	45.59	0.30	9.64	940.18
	memory (GB)	0.07 GB	0.07 GB	0.08 GB	0.57 GB	0.11 GB	0.15 GB	1.17 GB
TST_test_0068_72_94	value	-33333.17	-33308.03	-33285.50	-33255.09	-33285.50	**-33333.42**	**-33333.42**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.10	0.15	377.11	0.14	7.10	409.58
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.33 GB	0.06 GB	0.09 GB	1.13 GB
TST_test_0069_96_109	value	-57483.69	-57467.68	-57456.79	-57485.97	-57456.79	-57458.61	-57458.71
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.06	0.06	0.24	572.46	0.28	7.61	688.44
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.52 GB	0.09 GB	0.14 GB	1.16 GB
TST_test_0070_88_96	value	-47463.45	-47455.91	-47454.76	-47464.68	-47454.76	-47458.99	-47458.99
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.03	0.19	477.54	0.20	6.62	523.81
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.41 GB	0.08 GB	0.10 GB	1.14 GB
TST_test_0071_72_94	value	**-36081.26**	-36067.28	-36071.95	-36034.39	-36071.95	-36077.84	-36080.75
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.04	0.16	373.75	0.16	5.03	455.23
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.33 GB	0.06 GB	0.09 GB	1.13 GB
TST_test_0072_96_113	value	-58545.59	-58532.61	-58534.35	-58517.69	-58534.35	-58545.59	-58545.59
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.07	0.25	614.39	0.27	9.10	691.43
	memory (GB)	0.06 GB	0.06 GB	0.08 GB	0.54 GB	0.10 GB	0.14 GB	1.17 GB
TST_test_0073_128_113	value	-82114.55	-82109.11	-82093.54	-82113.88	-82093.54	-82101.24	-82107.46
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.07	0.04	0.30	819.21	0.32	11.25	1001.26
	memory (GB)	0.09 GB	0.09 GB	0.10 GB	0.72 GB	0.13 GB	0.18 GB	2.26 GB
TST_test_0074_96_107	value	-56108.46	-56097.62	-56073.87	-56106.59	-56073.87	-56090.72	-56092.61
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.07	0.06	0.31	579.02	0.28	8.31	690.28
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.51 GB	0.09 GB	0.14 GB	1.16 GB
TST_test_0075_88_92	value	-41116.97	-41098.44	-41102.35	-40975.14	-41102.35	-41109.61	-41112.04
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.09	0.19	455.25	0.19	6.29	576.29
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.39 GB	0.07 GB	0.10 GB	1.14 GB
TST_test_0076_80_93	value	-39654.99	-39645.01	-39622.66	-39615.01	-39622.66	-39648.95	-39651.44
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.05	0.17	418.27	0.16	6.27	490.94
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.36 GB	0.07 GB	0.09 GB	1.13 GB
TST_test_0077_96_95	value	**-49839.31**	-49825.68	-49794.83	-49804.69	-49794.83	-49823.79	-49828.56
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.08	0.22	515.73	0.23	8.28	710.98
	memory (GB)	0.05 GB	0.06 GB	0.06 GB	0.46 GB	0.08 GB	0.13 GB	1.15 GB
TST_test_0078_72_108	value	-42047.68	-42040.02	-42040.03	-42009.89	-42040.03	-42040.03	-42046.54
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.04	0.17	434.99	0.17	5.34	542.95
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.38 GB	0.07 GB	0.10 GB	1.14 GB
TST_test_0079_88_81	value	**-36529.12**	-36455.33	-36470.17	-36507.54	-36470.17	-36470.17	-36478.51
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.17	0.08	0.18	396.48	0.17	5.01	502.30
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.35 GB	0.06 GB	0.09 GB	1.13 GB
TST_test_0080_104_107	value	-61033.51	-61026.86	-61006.32	-60970.44	-61006.32	-61027.73	-61030.49
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.06	0.23	632.56	0.23	9.40	762.31
	memory (GB)	0.06 GB	0.06 GB	0.08 GB	0.55 GB	0.10 GB	0.15 GB	1.17 GB
TST_test_0081_112_96	value	-59445.40	-59428.61	-59390.81	-59436.40	-59390.81	-59393.61	-59401.08
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.10	0.05	0.27	597.37	0.26	8.23	742.07
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.53 GB	0.10 GB	0.14 GB	1.16 GB
TST_test_0082_96_106	value	-56804.02	-56798.80	-56799.10	-56799.51	-56799.10	-56799.10	-56799.71
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.04	0.25	571.53	0.27	7.50	676.75
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.51 GB	0.09 GB	0.13 GB	1.16 GB
TST_test_0083_72_105	value	**-40078.23**	-40070.99	-40019.91	-40063.07	-40019.91	-40069.72	-40070.15
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.09	0.18	396.86	0.20	7.50	484.58
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.37 GB	0.07 GB	0.09 GB	1.13 GB
TST_test_0084_120_115	value	**-78135.33**	-78134.34	-78134.34	-78095.60	-78134.34	-78134.34	**-78135.33**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.04	0.34	760.32	0.31	9.80	926.33
	memory (GB)	0.08 GB	0.08 GB	0.09 GB	0.68 GB	0.13 GB	0.18 GB	2.25 GB
TST_test_0085_64_126	value	-44219.08	-44216.57	-44216.57	-44172.22	-44216.57	**-44219.29**	**-44219.29**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.05	0.12	448.21	0.12	5.97	495.17
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.39 GB	0.07 GB	0.10 GB	1.14 GB
TST_test_0086_80_112	value	**-47688.74**	-47679.64	-47613.29	**-47688.74**	-47613.29	-47616.02	-47617.89
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.06	0.23	58.95	0.23	6.80	610.44
	memory (GB)	0.06 GB	0.05 GB	0.06 GB	0.45 GB	0.08 GB	0.13 GB	1.15 GB
TST_test_0087_88_124	value	-61043.26	-61029.33	-61022.24	-61035.76	-61022.24	-61030.28	-61031.28
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.04	0.28	607.00	0.26	8.66	687.13
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.54 GB	0.10 GB	0.14 GB	1.16 GB
TST_test_0088_104_107	value	-60087.11	-60069.33	-60054.70	-60064.70	-60054.70	-60077.15	-60085.03
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.06	0.08	0.25	638.06	0.26	9.47	814.77
	memory (GB)	0.07 GB	0.07 GB	0.07 GB	0.55 GB	0.10 GB	0.15 GB	1.17 GB
TST_test_0089_72_92	value	**-36525.17**	-36512.60	-36500.22	-36487.67	-36500.22	**-36525.17**	**-36525.17**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.03	0.12	361.59	0.13	5.30	397.08
	memory (GB)	0.04 GB	0.04 GB	0.05 GB	0.32 GB	0.06 GB	0.09 GB	1.13 GB
TST_test_0090_104_116	value	-64682.09	-64663.69	-64563.67	-64681.90	-64563.67	-64589.93	-64590.30
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.08	0.34	681.89	0.33	10.84	814.83
	memory (GB)	0.07 GB	0.07 GB	0.08 GB	0.59 GB	0.11 GB	0.15 GB	1.18 GB
TST_test_0091_136_95	value	-71008.29	-71000.69	-71001.69	-70964.01	-71001.69	-71002.13	-71003.11
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.07	0.31	742.73	0.36	9.37	879.93
	memory (GB)	0.07 GB	0.07 GB	0.09 GB	0.64 GB	0.12 GB	0.17 GB	2.25 GB
TST_test_0092_96_111	value	-59179.44	-59176.37	-59174.68	-59162.40	-59174.68	-59175.88	-59175.88
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.05	0.24	610.46	0.27	7.75	677.01
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.53 GB	0.10 GB	0.14 GB	1.16 GB
TST_test_0093_104_105	value	-59380.22	-59367.65	-59250.65	-59380.27	-59250.65	-59300.57	-59303.20
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.05	0.05	0.30	625.88	0.34	11.24	790.96
	memory (GB)	0.07 GB	0.07 GB	0.08 GB	0.54 GB	0.10 GB	0.14 GB	1.16 GB
TST_test_0094_64_131	value	-42825.22	-42823.26	-42805.02	-42815.18	-42805.02	-42825.39	-42825.39
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.06	0.26	0.18	470.92	0.18	7.29	510.33
	memory (GB)	0.05 GB	0.05 GB	0.06 GB	0.40 GB	0.08 GB	0.10 GB	1.14 GB
TST_test_0095_128_109	value	-76106.20	-76065.55	-76068.68	-76074.43	-76068.68	-76087.91	-76097.12
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.11	0.08	0.36	784.41	0.35	11.72	1106.94
	memory (GB)	0.08 GB	0.08 GB	0.09 GB	0.69 GB	0.13 GB	0.18 GB	2.26 GB
TST_test_0096_56_107	value	-28443.79	-28426.48	-28416.30	-28416.34	-28416.30	-28428.17	-28428.74
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.10	0.12	319.25	0.12	4.40	384.93
	memory (GB)	0.04 GB	0.04 GB	0.04 GB	0.29 GB	0.06 GB	0.08 GB	0.59 GB
TST_test_0097_56_111	value	**-29618.83**	-29615.70	-29613.09	-29512.40	-29613.09	-29618.77	-29618.77
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.10	0.11	339.15	0.13	4.43	363.82
	memory (GB)	0.04 GB	0.04 GB	0.04 GB	0.30 GB	0.06 GB	0.08 GB	0.59 GB
TST_test_0098_112_98	value	-60262.56	-60244.45	-60213.19	-60213.48	-60213.19	-60230.78	-60260.34
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.08	0.07	0.22	640.29	0.25	8.83	857.53
	memory (GB)	0.06 GB	0.06 GB	0.07 GB	0.54 GB	0.10 GB	0.14 GB	1.17 GB
TST_test_0099_72_105	value	-42241.68	-42240.69	-42163.10	**-42242.61**	-42163.10	-42195.42	-42199.46
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.03	0.02	0.19	419.22	0.18	6.93	593.63
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.37 GB	0.07 GB	0.09 GB	1.13 GB
TST_test_0100_80_102	value	**-45097.93**	-45097.77	-45049.61	-45097.76	-45049.61	-45064.04	-45064.04
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.04	0.03	0.20	462.41	0.23	6.63	509.12
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.39 GB	0.07 GB	0.10 GB	1.14 GB
mean energy		-49548.10	-49536.76	-49515.98	-49520.26	-49516.08	-49531.11	-49535.37
mean bound		-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
mean runtime		0.05	0.06	0.21	481.32	0.23	7.34	637.92
best value		30.00	1.00	1.00	7.00	1.00	7.00	16.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00

dtf-chinesechar		ogm-TRWS-LF1	ogm-TRWS-LF2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+
TST_test_0051_64_106	value	-35668.53	**-35672.84**	**-35672.84**	-35585.33	-35600.17	-35581.65	-35601.07	-35564.39	-35586.75	-34815.60	-35127.31	-35592.41	-35648.09	-35663.57	-35649.40	-35648.09	-35638.55
	bound	-36311.14	-36311.14	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-36311.14	-36311.19	-36311.14	-36316.88	-36312.54	-36345.35	-36401.44	-36895.82
	runtime	66.20	63.57	45.07	359.74	371.40	374.07	404.56	403.77	353.88	4.08	354.36	294.68	318.77	315.27	286.93	324.19	305.25
	memory (GB)	0.09 GB	0.11 GB	0.05 GB	0.27 GB	0.27 GB	0.27 GB	0.27 GB	0.27 GB	0.27 GB	0.28 GB	0.26 GB	0.12 GB	0.25 GB	0.25 GB	0.17 GB	0.25 GB	0.16 GB
TST_test_0052_96_107	value	-58115.43	-58115.43	**-58145.78**	-58117.34	-58126.57	-58115.35	-58134.90	-58131.03	-58095.23	-57840.19	-57973.81	-58143.73	-58135.58	-58134.25	-58134.25	-58134.25	-58134.25
	bound	-58267.72	-58267.72	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-58267.72	-58267.75	-58267.72	-58268.34	-58268.28	-58274.70	-58277.15	-58395.68
	runtime	91.96	77.11	76.40	555.31	580.69	579.74	645.97	641.32	562.77	2.73	440.30	518.62	517.23	483.69	489.36	535.92	472.07
	memory (GB)	0.13 GB	0.17 GB	0.07 GB	0.41 GB	0.41 GB	0.41 GB	0.42 GB	0.42 GB	0.42 GB	0.43 GB	0.48 GB	0.18 GB	0.40 GB	0.40 GB	0.28 GB	0.40 GB	0.28 GB
TST_test_0053_88_118	value	-57857.49	-57858.18	-57883.93	-57861.52	-57863.60	-57865.68	-57867.96	-57859.48	-57846.89	-57495.62	-57641.03	-57849.40	-57843.12	-57850.44	-57843.12	-57843.12	-57843.12
	bound	-58164.27	-58164.27	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-58164.26	-58164.35	-58164.26	-58166.32	-58165.18	-58180.77	-58197.39	-58462.76
	runtime	108.30	107.28	71.18	563.58	588.32	585.13	635.69	639.62	543.82	7.83	514.33	1589.79	532.98	538.33	497.81	522.90	487.54
	memory (GB)	0.13 GB	0.18 GB	0.07 GB	0.42 GB	0.41 GB	0.41 GB	0.43 GB	0.43 GB	0.43 GB	0.44 GB	0.48 GB	0.18 GB	0.42 GB	0.41 GB	0.28 GB	0.42 GB	0.28 GB
TST_test_0054_88_106	value	-48877.63	-48893.57	-48951.29	-48909.89	-48924.99	-48931.58	-48924.99	-48923.58	-48935.08	-47181.67	-48386.70	-48926.24	-48849.85	-48839.74	-48860.55	-48870.10	-48830.58
	bound	-50036.32	-50036.32	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-50036.21	-50036.37	-50036.20	-50049.18	-50038.05	-50096.57	-50220.45	-50948.29
	runtime	91.24	93.82	66.45	502.80	525.91	514.54	584.05	567.55	496.51	12.92	822.76	767.43	460.07	456.40	438.46	406.15	419.83
	memory (GB)	0.12 GB	0.16 GB	0.07 GB	0.37 GB	0.37 GB	0.37 GB	0.38 GB	0.38 GB	0.38 GB	0.40 GB	0.48 GB	0.16 GB	0.35 GB	0.36 GB	0.25 GB	0.36 GB	0.26 GB
TST_test_0055_96_108	value	-55152.03	-55168.13	-55235.03	-55177.84	-55195.75	-55189.26	-55203.81	-55205.82	-55220.62	-54149.28	-54542.40	-55235.42	-55138.06	-55208.96	-55187.37	-55138.06	-55132.41
	bound	-56013.82	-56013.82	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-56013.82	-56013.84	-56013.82	-56022.21	-56015.42	-56056.57	-56153.25	-56691.82
	runtime	60.95	74.16	74.39	562.30	579.02	578.00	637.90	648.15	566.74	5.13	513.95	858.27	450.04	517.43	502.43	498.98	490.46
	memory (GB)	0.13 GB	0.18 GB	0.07 GB	0.41 GB	0.41 GB	0.41 GB	0.43 GB	0.43 GB	0.43 GB	0.44 GB	0.48 GB	0.18 GB	0.40 GB	0.42 GB	0.28 GB	0.43 GB	0.28 GB
TST_test_0056_88_112	value	**-55055.94**	**-55055.94**	-55035.30	-54999.64	-55007.58	-55009.10	-55014.18	-55025.85	-55033.84	-54537.27	-54742.39	-55053.40	-54992.56	-55032.27	-55001.86	-55053.40	-55003.42
	bound	-55398.21	-55398.21	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-55398.21	-55398.24	-55398.21	-55400.98	-55399.22	-55418.87	-55435.83	-55724.53
	runtime	86.12	72.10	71.22	525.68	559.22	550.04	608.98	612.66	532.91	3.60	356.05	678.84	444.29	489.11	443.62	492.82	434.98
	memory (GB)	0.13 GB	0.17 GB	0.07 GB	0.39 GB	0.39 GB	0.39 GB	0.41 GB	0.41 GB	0.41 GB	0.41 GB	0.48 GB	0.17 GB	0.37 GB	0.38 GB	0.25 GB	0.40 GB	0.25 GB
TST_test_0057_80_95	value	-40045.29	-40045.29	**-40054.23**	-39972.75	-39928.50	-39967.10	-40006.68	-40003.43	-40010.76	-38889.96	-39353.93	-40024.49	-39946.87	-40007.42	-39979.47	-39946.87	-39943.65
	bound	-40817.71	-40817.71	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-40817.48	-40817.65	-40817.53	-40825.71	-40819.60	-40860.64	-40943.37	-41528.45
	runtime	71.03	71.53	41.92	404.35	427.42	429.10	470.28	463.99	401.49	7.62	692.71	1183.41	361.74	381.10	327.72	372.14	334.73
	memory (GB)	0.10 GB	0.12 GB	0.05 GB	0.30 GB	0.30 GB	0.30 GB	0.31 GB	0.31 GB	0.31 GB	0.32 GB	0.27 GB	0.14 GB	0.28 GB	0.27 GB	0.18 GB	0.28 GB	0.18 GB
TST_test_0058_144_124	value	-99051.78	-99054.74	-99152.69	-99037.33	-99102.99	-99090.36	-99133.55	-99129.47	-99122.71	-98210.44	-98743.32	-99134.01	-98957.54	-99065.37	-99057.70	-99114.15	-98934.92
	bound	-99713.25	-99713.25	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-99713.25	-99713.29	-99713.25	-99719.81	-99714.73	-99747.29	-99805.46	-100356.19
	runtime	117.20	134.41	151.32	970.00	1029.09	1032.98	1160.74	1122.24	991.41	7.14	607.54	1435.18	1003.61	966.54	916.83	991.60	885.01
	memory (GB)	0.23 GB	0.31 GB	0.12 GB	0.72 GB	0.72 GB	0.72 GB	0.75 GB	0.75 GB	0.75 GB	0.77 GB	0.94 GB	0.31 GB	0.72 GB	0.72 GB	0.48 GB	0.72 GB	0.48 GB
TST_test_0059_104_73	value	-41761.08	-41761.08	-41793.77	-41782.89	-41787.74	-41788.30	-41790.63	-41788.84	-41780.76	-41538.87	-41578.90	-41785.33	-41750.78	-41750.38	-41699.60	-41739.90	-41688.18
	bound	-41897.26	-41897.26	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-41897.26	-41897.29	-41897.26	-41897.96	-41897.49	-41911.76	-41907.49	-42091.67
	runtime	72.70	78.99	52.91	406.67	422.77	419.11	464.44	469.41	406.12	2.66	329.35	352.52	372.21	354.81	329.87	374.71	330.20
	memory (GB)	0.10 GB	0.12 GB	0.05 GB	0.30 GB	0.30 GB	0.30 GB	0.31 GB	0.31 GB	0.31 GB	0.32 GB	0.27 GB	0.14 GB	0.28 GB	0.27 GB	0.18 GB	0.27 GB	0.18 GB
TST_test_0060_80_111	value	-48666.41	-48666.41	-48666.82	-48658.36	-48661.28	-48663.14	-48661.28	-48662.58	-48658.36	-47964.04	-48433.10	-48661.97	-48653.62	-48623.20	-48623.20	-48634.56	-48623.20
	bound	-49016.63	-49016.63	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-49016.63	-49016.69	-49016.63	-49019.08	-49017.69	-49037.03	-49056.55	-49377.97
	runtime	108.55	83.86	61.65	474.71	499.80	491.17	550.19	550.23	469.71	3.79	421.07	489.93	423.32	447.40	402.68	382.48	400.83
	memory (GB)	0.11 GB	0.16 GB	0.06 GB	0.35 GB	0.35 GB	0.35 GB	0.36 GB	0.36 GB	0.36 GB	0.37 GB	0.34 GB	0.16 GB	0.33 GB	0.33 GB	0.23 GB	0.36 GB	0.23 GB
TST_test_0061_88_86	value	-39720.02	-39734.86	-39725.58	-39699.62	-39701.32	-39696.57	-39671.46	-39672.40	-39713.99	-38714.07	-39145.48	-39717.16	-39625.93	-39676.38	-39631.80	-39625.93	-39625.93
	bound	-40579.82	-40579.82	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-40579.82	-40579.95	-40579.82	-40589.03	-40581.61	-40628.37	-40711.84	-41354.25
	runtime	54.14	66.87	52.62	411.61	415.44	430.86	469.52	470.41	412.55	5.78	415.68	662.33	346.66	359.16	328.38	373.00	329.44
	memory (GB)	0.10 GB	0.12 GB	0.05 GB	0.30 GB	0.30 GB	0.30 GB	0.31 GB	0.31 GB	0.31 GB	0.32 GB	0.27 GB	0.14 GB	0.27 GB	0.26 GB	0.18 GB	0.27 GB	0.18 GB
TST_test_0062_88_106	value	-48613.77	-48702.24	-48667.97	-48592.47	-48625.78	-48622.41	-48597.79	-48608.41	-48597.16	-46831.36	-47423.99	-48715.95	-48615.90	-48681.39	-48677.24	-48615.90	-48615.90
	bound	-50012.64	-50012.64	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-50012.64	-50012.70	-50012.64	-50029.48	-50014.66	-50081.28	-50244.64	-51031.44
	runtime	97.41	102.50	64.60	492.29	528.73	531.66	574.04	579.69	502.94	7.44	562.51	565.66	464.00	453.92	415.89	450.35	417.63
	memory (GB)	0.12 GB	0.16 GB	0.07 GB	0.37 GB	0.37 GB	0.37 GB	0.38 GB	0.38 GB	0.38 GB	0.39 GB	0.48 GB	0.16 GB	0.37 GB	0.38 GB	0.26 GB	0.35 GB	0.26 GB
TST_test_0063_120_108	value	-72554.96	-72567.80	-72563.46	-72492.95	-72505.69	-72479.11	-72558.21	-72557.08	-72536.03	-71830.51	-72254.99	-72546.55	-72533.33	-72506.32	-72456.57	-72472.93	-72414.85
	bound	-72936.97	-72936.97	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-72936.97	-72937.02	-72936.97	-72940.03	-72938.94	-72961.58	-72999.13	-73406.08
	runtime	135.96	137.88	86.57	710.95	742.97	737.98	808.13	814.56	703.22	4.73	884.36	445.79	661.80	683.68	644.94	643.93	637.68
	memory (GB)	0.17 GB	0.22 GB	0.09 GB	0.52 GB	0.52 GB	0.52 GB	0.54 GB	0.54 GB	0.54 GB	0.55 GB	0.52 GB	0.23 GB	0.50 GB	0.50 GB	0.33 GB	0.48 GB	0.33 GB
TST_test_0064_80_103	value	-44954.52	-44967.36	-44990.16	-44972.30	-44981.04	-44973.33	-44977.87	-44976.16	-44973.56	-44672.33	-44697.73	-44974.89	-44961.70	-44905.22	-44888.23	-44906.86	-44908.84
	bound	-45255.41	-45255.41	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-45255.41	-45255.47	-45255.41	-45257.54	-45256.59	-45274.25	-45288.31	-45578.29
	runtime	37.58	46.31	56.45	433.90	456.66	465.33	509.92	518.21	443.22	3.07	239.28	274.29	409.90	391.75	362.95	399.76	388.69
	memory (GB)	0.10 GB	0.13 GB	0.06 GB	0.33 GB	0.33 GB	0.33 GB	0.34 GB	0.34 GB	0.34 GB	0.34 GB	0.29 GB	0.14 GB	0.31 GB	0.35 GB	0.24 GB	0.32 GB	0.24 GB
TST_test_0065_104_94	value	-52880.71	-52884.36	-52858.93	-52837.25	-52848.34	-52846.06	-52827.29	-52823.66	-52834.36	-52040.20	-52296.69	-52881.90	-52835.73	-52835.73	-52838.00	-52835.73	-52827.24
	bound	-53571.02	-53571.02	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-53571.02	-53571.07	-53571.02	-53577.60	-53572.60	-53609.19	-53678.26	-54180.65
	runtime	87.28	72.93	71.38	529.94	560.08	553.91	609.07	610.30	545.92	5.09	470.23	514.13	506.73	555.98	449.89	436.95	445.65
	memory (GB)	0.13 GB	0.17 GB	0.07 GB	0.39 GB	0.39 GB	0.39 GB	0.40 GB	0.40 GB	0.40 GB	0.41 GB	0.48 GB	0.18 GB	0.38 GB	0.36 GB	0.27 GB	0.39 GB	0.27 GB
TST_test_0066_96_121	value	-64065.85	-64070.55	**-64078.28**	**-64078.28**	**-64078.28**	**-64078.28**	**-64078.28**	**-64078.28**	**-64078.28**	-63672.69	-63739.34	-64065.85	-64065.85	-64001.41	-64003.67	-63999.79	-64042.90
	bound	-64354.44	-64354.44	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-64354.44	-64354.46	-64354.44	-64356.27	-64355.21	-64372.71	-64393.11	-64642.92
	runtime	73.00	64.11	84.87	7.60	35.54	11.28	720.33	433.46	227.26	3.79	270.25	237.02	575.01	673.47	558.94	587.84	549.79
	memory (GB)	0.15 GB	0.19 GB	0.08 GB	0.46 GB	0.47 GB	0.47 GB	0.48 GB	0.48 GB	0.48 GB	0.49 GB	0.49 GB	0.20 GB	0.47 GB	0.45 GB	0.31 GB	0.47 GB	0.31 GB
TST_test_0067_96_121	value	**-65540.34**	**-65540.34**	**-65540.34**	**-65540.34**	**-65540.34**	**-65540.34**	**-65540.34**	**-65540.34**	**-65540.34**	-65190.61	-65304.54	-65535.42	-65496.01	-65517.21	-65405.93	-65505.22	-65456.97
	bound	-65675.94	-65675.94	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-65675.92	-65676.02	-65675.92	-65676.87	-65676.78	-65689.81	-65690.32	-65881.33
	runtime	114.52	122.77	84.71	6.95	37.00	11.44	736.12	298.59	171.48	4.21	671.35	1736.39	522.76	604.61	571.10	589.94	542.48
	memory (GB)	0.15 GB	0.19 GB	0.08 GB	0.47 GB	0.47 GB	0.46 GB	0.48 GB	0.48 GB	0.48 GB	0.49 GB	0.50 GB	0.20 GB	0.45 GB	0.47 GB	0.31 GB	0.47 GB	0.31 GB
TST_test_0068_72_94	value	-33292.63	**-33333.42**	-33299.11	-33209.27	-33229.86	-33223.74	-33261.25	-33241.11	-33239.79	-31873.85	-32195.78	-33269.04	-33226.31	-33290.67	-33253.42	-33226.31	-33226.31
	bound	-34514.07	-34514.07	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-34514.05	-34514.15	-34514.05	-34528.81	-34516.06	-34578.47	-34733.94	-35588.62
	runtime	61.89	63.96	41.91	354.65	372.00	376.88	416.93	414.38	361.79	6.95	530.30	401.40	315.70	316.61	287.95	316.54	287.40
	memory (GB)	0.09 GB	0.11 GB	0.05 GB	0.27 GB	0.27 GB	0.27 GB	0.27 GB	0.27 GB	0.27 GB	0.28 GB	0.26 GB	0.12 GB	0.24 GB	0.24 GB	0.17 GB	0.24 GB	0.17 GB
TST_test_0069_96_109	value	-57358.22	-57358.81	-57481.74	-57471.73	-57475.98	-57480.34	-57451.34	-57469.96	-57455.15	-56357.63	-56974.26	-57467.20	-57399.80	-57409.34	-57394.76	-57328.88	-57328.88
	bound	-58009.50	-58009.50	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-58009.49	-58009.54	-58009.49	-58014.66	-58011.02	-58041.64	-58103.00	-58552.78
	runtime	121.58	109.04	76.18	568.48	588.48	588.49	662.18	649.46	559.23	26.75	600.82	732.29	484.95	601.72	467.66	519.91	467.21
	memory (GB)	0.13 GB	0.18 GB	0.07 GB	0.42 GB	0.42 GB	0.42 GB	0.43 GB	0.43 GB	0.43 GB	0.44 GB	0.48 GB	0.18 GB	0.40 GB	0.38 GB	0.26 GB	0.43 GB	0.26 GB
TST_test_0070_88_96	value	-47448.83	-47451.79	-47464.68	-47457.76	-47455.26	-47429.20	-47455.26	-47457.43	-47450.91	-47174.11	-47306.65	-47459.23	-47424.83	-47439.49	-47417.59	-47402.64	-47420.02
	bound	-47572.39	-47572.39	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-47572.26	-47572.51	-47572.26	-47573.01	-47573.04	-47580.25	-47584.38	-47716.60
	runtime	80.82	86.60	56.85	449.41	474.19	474.53	521.64	531.20	452.87	3.81	627.32	1040.99	415.53	419.88	381.02	413.05	390.21
	memory (GB)	0.11 GB	0.13 GB	0.06 GB	0.33 GB	0.33 GB	0.33 GB	0.34 GB	0.34 GB	0.34 GB	0.35 GB	0.30 GB	0.15 GB	0.32 GB	0.32 GB	0.24 GB	0.32 GB	0.24 GB
TST_test_0071_72_94	value	-36077.84	-36077.84	**-36081.26**	-35992.02	-36017.31	-36021.29	-36075.49	-36071.87	-35993.09	-35387.40	-35571.43	-36071.00	-36001.19	-36055.07	-36040.02	-36001.19	-36001.19
	bound	-36546.06	-36546.06	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-36546.05	-36546.11	-36546.05	-36550.26	-36548.20	-36572.37	-36613.48	-37042.47
	runtime	61.87	63.22	43.89	359.94	383.10	372.49	402.62	411.57	362.31	4.55	300.89	759.43	341.58	310.68	298.04	313.78	296.37
	memory (GB)	0.09 GB	0.11 GB	0.05 GB	0.27 GB	0.27 GB	0.27 GB	0.27 GB	0.27 GB	0.27 GB	0.28 GB	0.26 GB	0.12 GB	0.25 GB	0.25 GB	0.17 GB	0.25 GB	0.16 GB
TST_test_0072_96_113	value	-58534.35	-58545.59	-58526.75	-58500.17	-58513.36	-58521.48	-58516.33	-58481.85	-58500.07	-57435.79	-57830.05	-58454.58	-58524.64	-58514.51	-58514.51	-58527.12	-58448.63
	bound	-59340.20	-59340.20	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-59340.20	-59340.24	-59340.20	-59348.19	-59341.68	-59383.19	-59473.02	-60021.94
	runtime	80.45	91.44	71.89	593.52	619.40	613.37	671.57	676.04	596.16	7.17	491.11	720.82	567.03	557.50	503.23	560.80	515.73
	memory (GB)	0.14 GB	0.18 GB	0.08 GB	0.44 GB	0.44 GB	0.44 GB	0.45 GB	0.45 GB	0.45 GB	0.46 GB	0.49 GB	0.19 GB	0.38 GB	0.42 GB	0.29 GB	0.38 GB	0.29 GB
TST_test_0073_128_113	value	-82087.07	-82109.55	-82113.98	-82093.08	-82111.50	-82095.56	-82106.35	-82105.87	-82094.75	-81601.38	-81781.18	-82107.12	-82085.99	-82068.89	-82060.54	-82092.87	-82039.61
	bound	-82428.17	-82428.17	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-82428.17	-82428.22	-82428.17	-82430.41	-82428.83	-82447.36	-82464.38	-82759.96
	runtime	121.44	130.87	113.58	805.61	834.67	820.67	910.88	905.54	799.99	4.32	643.98	452.64	761.71	766.95	710.72	676.01	717.93
	memory (GB)	0.19 GB	0.24 GB	0.10 GB	0.58 GB	0.58 GB	0.58 GB	0.60 GB	0.60 GB	0.60 GB	0.62 GB	0.54 GB	0.25 GB	0.56 GB	0.53 GB	0.36 GB	0.54 GB	0.36 GB
TST_test_0074_96_107	value	-55974.89	-56052.30	-56107.39	-56095.30	-56104.79	-56103.41	-56074.85	-56060.85	-56066.13	-55085.94	-55469.38	-56097.58	-55953.54	-56058.89	-56015.20	-55895.70	-55999.53
	bound	-56691.38	-56691.38	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-56691.31	-56691.50	-56691.31	-56697.69	-56692.90	-56726.31	-56803.67	-57278.39
	runtime	102.38	108.83	74.71	547.97	583.85	587.60	649.08	634.07	548.49	7.27	770.88	1087.21	513.47	535.04	485.30	534.07	477.99
	memory (GB)	0.13 GB	0.18 GB	0.07 GB	0.41 GB	0.41 GB	0.41 GB	0.42 GB	0.42 GB	0.42 GB	0.44 GB	0.48 GB	0.18 GB	0.40 GB	0.40 GB	0.28 GB	0.39 GB	0.28 GB
TST_test_0075_88_92	value	-40915.07	-40952.46	-41114.36	-40951.70	-40967.86	-40958.23	-40957.76	-40943.28	-40912.91	-39670.63	-40115.16	-41098.88	-41031.15	-41061.19	-41061.19	-41031.15	-41036.44
	bound	-42344.59	-42344.59	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-42344.59	-42344.62	-42344.59	-42360.04	-42347.14	-42410.61	-42563.49	-43380.01
	runtime	47.48	44.58	57.44	422.46	446.51	465.06	486.03	489.77	436.32	5.72	252.02	301.62	386.88	351.31	363.28	391.11	368.69
	memory (GB)	0.10 GB	0.13 GB	0.06 GB	0.32 GB	0.32 GB	0.32 GB	0.33 GB	0.33 GB	0.33 GB	0.34 GB	0.29 GB	0.14 GB	0.30 GB	0.30 GB	0.19 GB	0.28 GB	0.19 GB
TST_test_0076_80_93	value	-39524.96	-39555.45	-39648.95	-39536.09	-39586.59	-39596.79	**-39655.20**	**-39655.20**	**-39655.20**	-38481.81	-39109.25	-39607.03	-39561.86	-39589.59	-39573.25	-39561.86	-39571.96
	bound	-40329.49	-40329.49	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-40329.41	-40329.61	-40329.41	-40336.26	-40331.17	-40368.49	-40436.70	-40944.94
	runtime	68.96	79.94	48.75	397.59	422.49	418.40	456.42	193.24	204.76	7.41	509.47	1131.27	354.68	364.35	335.13	359.86	332.13
	memory (GB)	0.09 GB	0.12 GB	0.05 GB	0.29 GB	0.29 GB	0.29 GB	0.30 GB	0.30 GB	0.30 GB	0.31 GB	0.27 GB	0.13 GB	0.26 GB	0.26 GB	0.18 GB	0.27 GB	0.18 GB
TST_test_0077_96_95	value	-49799.03	-49799.03	-49804.70	-49792.43	-49796.48	-49795.11	-49796.48	-49795.27	-49799.14	-49137.29	-49365.67	-49794.04	-49778.74	-49788.13	-49787.46	-49778.74	-49778.74
	bound	-50241.66	-50241.66	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-50241.66	-50241.69	-50241.66	-50245.12	-50243.13	-50265.05	-50297.69	-50609.49
	runtime	97.55	84.07	65.40	482.03	504.01	509.75	566.71	564.37	485.66	54.66	763.95	650.09	451.10	447.79	418.60	452.82	401.71
	memory (GB)	0.12 GB	0.16 GB	0.06 GB	0.36 GB	0.36 GB	0.36 GB	0.37 GB	0.37 GB	0.37 GB	0.39 GB	0.48 GB	0.16 GB	0.33 GB	0.33 GB	0.25 GB	0.34 GB	0.25 GB
TST_test_0078_72_108	value	-42040.03	-42040.03	-42033.32	-41962.51	-41995.48	-41967.20	-42024.01	-42007.06	-42012.84	-41102.38	-41649.65	-42046.17	-41950.23	-42016.00	-42004.84	-41950.23	-41950.23
	bound	-42535.33	-42535.33	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-42535.31	-42535.41	-42535.31	-42539.96	-42536.45	-42562.80	-42606.68	-43034.57
	runtime	71.58	74.99	50.49	413.96	430.70	429.08	483.52	476.15	415.25	13.19	587.27	1175.84	366.46	365.31	337.79	336.88	330.39
	memory (GB)	0.10 GB	0.13 GB	0.05 GB	0.31 GB	0.31 GB	0.31 GB	0.32 GB	0.32 GB	0.32 GB	0.32 GB	0.28 GB	0.14 GB	0.27 GB	0.27 GB	0.18 GB	0.28 GB	0.18 GB
TST_test_0079_88_81	value	-36435.93	-36439.31	-36513.51	-36431.40	-36491.37	-36497.49	-36481.55	-36481.51	-36476.12	-35390.41	-35945.46	-36451.73	-36415.97	-36439.72	-36426.09	-36415.97	-36408.01
	bound	-37258.13	-37258.13	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-37258.13	-37258.18	-37258.13	-37265.78	-37259.65	-37301.07	-37376.56	-37979.47
	runtime	51.83	56.41	49.72	366.92	399.45	392.27	431.49	429.33	383.37	4.25	319.34	330.28	334.05	332.67	305.69	347.43	303.19
	memory (GB)	0.09 GB	0.12 GB	0.05 GB	0.28 GB	0.28 GB	0.28 GB	0.29 GB	0.29 GB	0.29 GB	0.30 GB	0.27 GB	0.13 GB	0.26 GB	0.27 GB	0.17 GB	0.26 GB	0.17 GB
TST_test_0080_104_107	value	-61026.26	-61027.73	-61010.84	-60927.25	-60953.86	-60934.16	-60981.42	-60983.50	-60954.18	-60143.27	-60542.39	-61028.76	-60937.22	-60993.60	-60975.03	-60937.22	-60937.22
	bound	-61745.58	-61745.58	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-61745.57	-61745.61	-61745.57	-61753.29	-61747.31	-61785.78	-61867.21	-62362.26
	runtime	75.79	79.79	80.40	594.75	630.46	630.78	693.40	699.84	599.43	5.20	474.93	335.21	564.54	554.27	530.50	556.28	526.12
	memory (GB)	0.14 GB	0.19 GB	0.08 GB	0.45 GB	0.45 GB	0.45 GB	0.46 GB	0.46 GB	0.46 GB	0.47 GB	0.49 GB	0.20 GB	0.43 GB	0.43 GB	0.30 GB	0.45 GB	0.30 GB
TST_test_0081_112_96	value	-59390.81	-59393.61	-59439.29	-59426.38	-59430.69	-59436.78	-59437.07	-59424.31	-59393.29	-58454.06	-59097.09	-59419.74	-59368.90	-59358.87	-59356.59	-59305.27	-59344.75
	bound	-59891.36	-59891.36	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-59891.23	-59891.45	-59891.23	-59895.27	-59892.23	-59919.09	-59960.58	-60362.76
	runtime	110.07	121.36	72.67	579.99	600.56	602.25	669.52	664.48	574.55	20.27	571.66	534.96	539.97	676.31	504.93	530.66	520.63
	memory (GB)	0.14 GB	0.18 GB	0.07 GB	0.43 GB	0.43 GB	0.43 GB	0.44 GB	0.44 GB	0.44 GB	0.46 GB	0.49 GB	0.19 GB	0.42 GB	0.38 GB	0.29 GB	0.43 GB	0.29 GB
TST_test_0082_96_106	value	-56796.36	-56799.10	-56782.32	-56787.15	-56799.51	-56791.69	-56779.45	-56784.56	-56774.69	-56391.11	-56503.81	-56794.93	-56764.90	-56772.38	-56755.16	-56704.33	-56718.51
	bound	-57015.27	-57015.27	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-57015.27	-57015.30	-57015.27	-57016.66	-57016.21	-57028.75	-57042.42	-57291.66
	runtime	100.30	88.02	73.14	554.53	576.16	572.28	626.28	642.24	557.27	25.81	380.19	429.39	434.81	523.82	452.30	496.02	441.95
	memory (GB)	0.13 GB	0.17 GB	0.07 GB	0.41 GB	0.41 GB	0.41 GB	0.42 GB	0.42 GB	0.42 GB	0.43 GB	0.48 GB	0.18 GB	0.40 GB	0.38 GB	0.26 GB	0.40 GB	0.26 GB
TST_test_0083_72_105	value	-39945.39	-40000.07	-40072.52	-40026.05	-40044.92	-40037.86	-40057.68	-40015.54	-40006.94	-39102.34	-39529.61	-40004.60	-39969.12	-39978.33	-39967.20	-39969.12	-39971.80
	bound	-40747.31	-40747.31	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-40747.30	-40747.38	-40747.30	-40754.03	-40749.03	-40787.30	-40847.73	-41407.87
	runtime	84.69	72.99	50.51	386.04	414.05	421.68	465.32	457.65	402.28	4.69	493.92	401.14	323.64	356.92	318.06	361.87	334.93
	memory (GB)	0.10 GB	0.12 GB	0.05 GB	0.30 GB	0.30 GB	0.30 GB	0.31 GB	0.31 GB	0.31 GB	0.31 GB	0.27 GB	0.13 GB	0.27 GB	0.29 GB	0.18 GB	0.28 GB	0.18 GB
TST_test_0084_120_115	value	-78134.34	-78134.34	-78131.23	-78076.07	-78079.43	-78085.46	-78129.42	-78123.41	-78117.77	-77585.88	-77790.70	-78134.34	-78134.34	-78134.34	-78123.15	-78134.34	-78112.94
	bound	-78388.82	-78388.82	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-78388.79	-78388.87	-78388.79	-78390.51	-78390.11	-78402.66	-78417.75	-78643.63
	runtime	141.66	165.38	105.68	740.25	795.64	795.19	870.75	865.85	770.47	6.01	1037.24	586.65	734.88	697.82	676.19	753.05	648.52
	memory (GB)	0.18 GB	0.23 GB	0.10 GB	0.56 GB	0.56 GB	0.56 GB	0.57 GB	0.57 GB	0.57 GB	0.58 GB	0.53 GB	0.24 GB	0.52 GB	0.52 GB	0.35 GB	0.52 GB	0.34 GB
TST_test_0085_64_126	value	-44216.57	**-44219.29**	**-44219.29**	-44128.67	-44153.10	-44149.07	-44151.84	-44141.49	-44152.56	-43438.73	-43550.28	-44216.78	-44200.17	-44216.57	-44204.93	-44216.57	-44200.17
	bound	-44761.20	-44761.20	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-44761.19	-44761.26	-44761.19	-44765.89	-44762.38	-44789.81	-44831.23	-45251.26
	runtime	72.81	79.87	47.65	418.84	449.27	443.72	493.49	495.11	424.76	4.50	613.71	548.58	375.47	399.31	332.53	387.79	352.41
	memory (GB)	0.10 GB	0.13 GB	0.06 GB	0.32 GB	0.32 GB	0.32 GB	0.33 GB	0.33 GB	0.33 GB	0.33 GB	0.29 GB	0.14 GB	0.30 GB	0.29 GB	0.19 GB	0.28 GB	0.19 GB
TST_test_0086_80_112	value	-47661.03	-47667.56	**-47688.74**	**-47688.74**	**-47688.74**	**-47688.74**	**-47688.74**	**-47688.74**	**-47688.74**	-46768.10	-47196.62	-47683.69	-47578.60	-47568.67	-47566.54	-47558.66	-47623.77
	bound	-48296.44	-48296.44	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-48296.44	-48296.48	-48296.44	-48302.47	-48299.22	-48334.04	-48390.45	-48905.21
	runtime	65.56	67.90	61.56	10.29	51.05	16.32	502.16	202.46	111.77	4.43	368.79	691.24	442.91	544.48	398.71	439.40	409.43
	memory (GB)	0.11 GB	0.16 GB	0.06 GB	0.36 GB	0.35 GB	0.36 GB	0.37 GB	0.37 GB	0.37 GB	0.38 GB	0.35 GB	0.16 GB	0.34 GB	0.34 GB	0.25 GB	0.34 GB	0.25 GB
TST_test_0087_88_124	value	-61025.56	-61030.28	-61036.08	-61029.77	-61033.66	-61030.33	-61037.83	-61038.27	-61017.71	-60754.79	-60836.64	-61032.26	-61008.15	-61019.46	-60971.50	-61011.56	-61007.93
	bound	-61235.90	-61235.90	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-61235.90	-61235.95	-61235.90	-61237.17	-61236.95	-61249.48	-61256.14	-61447.42
	runtime	107.03	97.30	77.53	592.74	609.99	614.83	677.69	682.66	616.71	4.09	825.80	415.42	557.92	565.14	523.09	546.41	511.77
	memory (GB)	0.14 GB	0.18 GB	0.08 GB	0.44 GB	0.44 GB	0.44 GB	0.45 GB	0.45 GB	0.45 GB	0.46 GB	0.49 GB	0.19 GB	0.41 GB	0.39 GB	0.29 GB	0.41 GB	0.29 GB
TST_test_0088_104_107	value	-60054.39	-60078.47	-60067.30	-60041.09	-60054.96	-60056.16	-60047.94	-60040.66	-60045.36	-58975.16	-59261.34	-60049.65	-59759.00	-60040.26	-60032.23	-59881.41	-59816.40
	bound	-60918.61	-60918.61	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-60918.61	-60918.65	-60918.61	-60930.37	-60920.97	-60964.71	-61090.86	-61760.11
	runtime	89.16	97.52	82.04	598.98	638.51	639.69	699.75	685.51	602.69	5.84	568.66	515.84	577.15	576.98	543.92	590.10	539.61
	memory (GB)	0.14 GB	0.18 GB	0.08 GB	0.45 GB	0.45 GB	0.45 GB	0.46 GB	0.46 GB	0.46 GB	0.47 GB	0.49 GB	0.20 GB	0.44 GB	0.49 GB	0.30 GB	0.44 GB	0.30 GB
TST_test_0089_72_92	value	-36519.21	**-36525.17**	-36504.25	-36454.25	-36473.88	-36467.29	-36482.26	-36492.26	-36465.91	-35975.32	-36283.28	-36500.22	-36432.43	-36503.88	-36477.61	-36455.22	-36468.56
	bound	-36795.87	-36795.87	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-36795.87	-36795.97	-36795.87	-36798.23	-36796.98	-36812.38	-36829.30	-37098.46
	runtime	59.37	65.14	43.95	344.22	370.67	369.18	408.52	404.95	351.19	2.90	424.69	565.77	305.25	303.31	287.78	300.96	291.86
	memory (GB)	0.08 GB	0.11 GB	0.05 GB	0.26 GB	0.26 GB	0.26 GB	0.27 GB	0.27 GB	0.27 GB	0.27 GB	0.26 GB	0.12 GB	0.23 GB	0.24 GB	0.16 GB	0.25 GB	0.16 GB
TST_test_0090_104_116	value	-64668.70	-64682.09	-64683.22	-64666.68	-64674.34	-64658.95	-64675.23	-64669.08	-64669.45	-63575.94	-63936.13	-64602.81	-64504.85	-64514.76	-64514.20	-64504.85	-64469.34
	bound	-65578.50	-65578.50	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-65578.50	-65578.57	-65578.49	-65589.61	-65581.10	-65633.49	-65751.22	-66369.89
	runtime	134.75	136.37	87.46	647.00	686.65	695.29	755.34	754.46	648.27	6.43	871.35	1058.28	632.74	639.32	581.90	524.29	581.95
	memory (GB)	0.15 GB	0.20 GB	0.09 GB	0.48 GB	0.48 GB	0.49 GB	0.50 GB	0.50 GB	0.50 GB	0.51 GB	0.50 GB	0.21 GB	0.46 GB	0.47 GB	0.32 GB	0.48 GB	0.32 GB
TST_test_0091_136_95	value	-71001.69	-71002.13	-70995.81	-70947.07	-70945.33	-70947.59	-70944.68	-70960.03	-70909.39	-69977.59	-70487.66	-70992.68	-70884.78	-70945.55	-70929.79	-70802.57	-70889.43
	bound	-71732.33	-71732.33	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-71732.33	-71732.37	-71732.33	-71740.38	-71733.79	-71774.09	-71864.99	-72369.89
	runtime	118.45	126.11	99.46	694.87	733.47	728.74	803.28	806.45	738.40	5.54	691.73	711.72	674.12	688.50	619.01	671.14	620.64
	memory (GB)	0.16 GB	0.22 GB	0.09 GB	0.52 GB	0.52 GB	0.52 GB	0.54 GB	0.53 GB	0.54 GB	0.55 GB	0.51 GB	0.23 GB	0.50 GB	0.48 GB	0.33 GB	0.50 GB	0.33 GB
TST_test_0092_96_111	value	-59177.41	-59178.43	-59166.89	-59162.34	-59162.34	-59156.22	-59150.16	-59159.47	-59122.19	-58615.48	-58854.72	-59174.68	-59174.68	-59136.50	-59111.37	-59107.03	-59076.47
	bound	-59546.64	-59546.64	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-59546.60	-59546.69	-59546.60	-59549.26	-59547.48	-59569.10	-59599.47	-59953.01
	runtime	104.46	111.31	76.68	577.40	608.98	604.21	675.14	678.59	581.98	4.88	539.30	1676.26	560.04	532.73	510.27	571.83	507.59
	memory (GB)	0.14 GB	0.18 GB	0.07 GB	0.43 GB	0.43 GB	0.43 GB	0.44 GB	0.44 GB	0.44 GB	0.45 GB	0.48 GB	0.19 GB	0.38 GB	0.41 GB	0.29 GB	0.39 GB	0.29 GB
TST_test_0093_104_105	value	-59368.43	-59379.60	-59380.27	-59379.87	-59375.31	-59372.97	-59380.27	-59379.21	-59380.27	-58300.43	-58976.49	-59371.70	-59224.13	-59214.95	-59180.53	-59362.95	-59239.00
	bound	-59806.94	-59806.94	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-59805.41	-59806.92	-59806.66	-59811.07	-59807.88	-59838.01	-59872.71	-60313.45
	runtime	107.96	122.39	79.02	583.57	632.30	621.55	691.17	685.87	605.51	26.44	1409.07	1737.54	480.22	552.40	516.40	491.77	507.30
	memory (GB)	0.14 GB	0.19 GB	0.08 GB	0.44 GB	0.44 GB	0.44 GB	0.45 GB	0.45 GB	0.45 GB	0.46 GB	0.49 GB	0.19 GB	0.42 GB	0.43 GB	0.30 GB	0.41 GB	0.29 GB
TST_test_0094_64_131	value	-42747.11	-42778.24	**-42836.87**	-42809.38	-42810.50	-42807.28	-42814.47	-42816.83	-42805.43	-41059.20	-41624.07	-42780.40	-42691.70	-42717.69	-42691.70	-42691.70	-42694.37
	bound	-44082.66	-44082.66	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-44082.66	-44082.72	-44082.66	-44098.89	-44085.72	-44154.12	-44306.20	-45128.38
	runtime	66.44	65.52	49.15	444.39	461.57	455.95	514.69	499.39	444.79	7.28	563.83	314.75	401.46	420.26	368.77	387.63	381.28
	memory (GB)	0.11 GB	0.13 GB	0.06 GB	0.33 GB	0.33 GB	0.33 GB	0.34 GB	0.34 GB	0.34 GB	0.35 GB	0.30 GB	0.14 GB	0.36 GB	0.32 GB	0.24 GB	0.35 GB	0.24 GB
TST_test_0095_128_109	value	-76072.33	-76089.71	-76108.21	-76018.04	-76055.51	-76043.69	-76039.17	-76080.99	-76020.46	-75213.13	-75744.09	-76098.86	-75990.28	-76046.77	-76023.46	-75960.41	-76012.31
	bound	-76791.92	-76791.92	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-76791.92	-76791.96	-76791.92	-76799.35	-76794.14	-76831.81	-76917.59	-77492.18
	runtime	119.09	124.13	99.53	764.58	794.34	798.70	857.11	871.10	748.21	5.50	600.80	519.67	664.18	731.23	652.31	729.92	694.27
	memory (GB)	0.18 GB	0.23 GB	0.10 GB	0.56 GB	0.56 GB	0.56 GB	0.58 GB	0.58 GB	0.58 GB	0.59 GB	0.53 GB	0.24 GB	0.54 GB	0.53 GB	0.34 GB	0.53 GB	0.35 GB
TST_test_0096_56_107	value	-28416.30	-28428.17	-28455.68	-28417.34	-28402.29	-28418.95	-28424.15	-28410.58	-28330.40	-26617.48	-27614.77	-28403.80	-28371.92	-28390.43	-28381.85	-28371.92	-28371.92
	bound	-29760.57	-29760.57	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-29760.56	-29760.63	-29760.56	-29777.00	-29762.81	-29831.06	-29999.04	-30835.73
	runtime	56.31	55.57	36.36	313.97	327.25	325.14	353.20	363.95	313.46	7.76	392.76	672.30	278.05	269.30	257.42	267.88	221.19
	memory (GB)	0.08 GB	0.10 GB	0.04 GB	0.23 GB	0.23 GB	0.23 GB	0.24 GB	0.24 GB	0.24 GB	0.25 GB	0.25 GB	0.10 GB	0.22 GB	0.23 GB	0.16 GB	0.22 GB	0.15 GB
TST_test_0097_56_111	value	-29467.14	-29494.88	-29516.03	-29474.43	-29487.12	-29479.91	-29439.50	-29412.02	-29334.75	-27935.08	-28371.14	-29617.29	-29531.38	-29613.84	-29575.14	-29531.38	-29531.38
	bound	-30984.86	-30984.86	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-30984.86	-30984.91	-30984.86	-31002.49	-30987.67	-31057.26	-31245.41	-32121.97
	runtime	52.19	57.99	37.87	322.68	338.36	341.91	377.01	375.87	328.26	7.40	358.38	526.78	280.71	283.21	266.81	289.01	259.55
	memory (GB)	0.08 GB	0.10 GB	0.04 GB	0.24 GB	0.24 GB	0.24 GB	0.25 GB	0.25 GB	0.25 GB	0.26 GB	0.25 GB	0.11 GB	0.24 GB	0.23 GB	0.16 GB	0.22 GB	0.16 GB
TST_test_0098_112_98	value	-60217.97	-60229.70	-60238.19	-60193.68	-60201.34	-60199.51	-60230.18	-60207.21	-60190.54	-58942.07	-59700.17	-60223.14	-60134.90	-60207.50	-60171.43	-60134.90	-60134.90
	bound	-60939.87	-60939.87	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-60939.63	-60939.91	-60939.87	-60947.18	-60942.37	-60979.71	-61059.83	-61557.17
	runtime	80.17	80.38	69.56	591.97	627.31	633.12	682.48	687.51	594.96	86.62	453.54	551.12	574.25	547.90	530.27	541.70	512.43
	memory (GB)	0.14 GB	0.19 GB	0.08 GB	0.44 GB	0.44 GB	0.44 GB	0.45 GB	0.45 GB	0.45 GB	0.47 GB	0.49 GB	0.20 GB	0.44 GB	0.42 GB	0.30 GB	0.44 GB	0.30 GB
TST_test_0099_72_105	value	-42180.80	-42223.18	-42242.42	-42237.61	-42239.42	-42236.65	-42240.53	-42236.65	-42237.61	-41867.06	-42063.96	-42237.77	-42181.22	-42140.75	-42127.93	-42182.17	-42126.90
	bound	-42366.11	-42366.11	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-42366.09	-42366.18	-42366.09	-42367.03	-42367.11	-42378.14	-42380.01	-42587.21
	runtime	67.18	73.47	49.49	399.90	421.56	417.99	471.67	467.84	408.02	3.20	625.59	873.69	363.87	460.11	330.03	359.41	333.44
	memory (GB)	0.10 GB	0.12 GB	0.05 GB	0.30 GB	0.30 GB	0.30 GB	0.31 GB	0.31 GB	0.31 GB	0.31 GB	0.27 GB	0.13 GB	0.27 GB	0.26 GB	0.18 GB	0.27 GB	0.18 GB
TST_test_0100_80_102	value	-45056.16	-45064.04	-45097.45	-45071.73	-45095.02	-45069.56	-45095.11	-45094.85	-45097.03	-44838.20	-44860.81	-45096.12	-45023.81	-45060.22	-45029.45	-45037.51	-45019.52
	bound	-45244.60	-45244.60	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-45244.60	-45244.63	-45244.60	-45245.75	-45245.49	-45255.80	-45261.18	-45454.32
	runtime	56.20	66.48	54.38	427.39	458.89	460.35	509.48	503.02	440.90	3.11	335.86	249.28	389.26	366.49	340.54	384.23	367.54
	memory (GB)	0.10 GB	0.13 GB	0.06 GB	0.32 GB	0.32 GB	0.32 GB	0.33 GB	0.33 GB	0.33 GB	0.34 GB	0.29 GB	0.14 GB	0.29 GB	0.30 GB	0.19 GB	0.29 GB	0.19 GB
mean energy		-49505.84	-49519.42	-49538.16	-49516.46	-49519.71	-49520.40	-49529.34	-49531.45	-49523.79	-48656.71	-49445.12	-49524.30	-49471.84	-49489.73	-49476.28	-49469.63	-49457.71
mean bound		-50119.41	-50119.41	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-50119.38	-50119.46	-50119.39	-50125.37	-50120.92	-50152.59	-50211.67	-50666.34
mean runtime		84.41	83.78	62.69	456.79	482.00	479.42	561.98	540.99	466.66	9.74	516.36	730.78	445.46	454.52	420.01	443.99	417.48
best value		4.00	10.00	30.00	11.00	12.00	11.00	12.00	15.00	9.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

dtf-chinesechar		ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	QPBO	TRWS-TAB	TRWS-pct	ogm-ILP-pct	MCBC-pct	ogm-ILP	SA
TST_test_0051_64_106	value	-35648.09	-35655.65	-34827.07	-35668.53	-35668.53	-35668.53	**-35672.84**	**-35672.84**	-35668.53	-35628.70
	bound	-36312.42	-36327.99	-36311.14	-36311.14	-36311.14	-36311.14	-36258.11	**-35676.23**	-36282.32	-Inf
	runtime	326.51	284.85	1584.47	0.16	57.13	6.54	3545.48	3601.20	3566.41	NaN
	memory (GB)	0.25 GB	0.17 GB	1.23 GB	0.05 GB	0.05 GB	0.05 GB	0.53 GB	NaN GB	2.77 GB	NaN GB
TST_test_0052_96_107	value	-58134.25	-58137.16	-58134.25	-58134.25	-58112.69	-58105.40	**-58145.78**	**-58145.78**	**-58145.78**	**-58145.78**
	bound	-58268.87	-58282.89	-58267.72	-58267.72	-58267.72	-58267.72	-58188.99	**-58145.78**	-58228.15	-Inf
	runtime	479.90	499.43	85.03	0.07	68.91	0.39	3531.13	10.54	3531.34	NaN
	memory (GB)	0.39 GB	0.28 GB	1.78 GB	0.07 GB	0.07 GB	0.07 GB	0.26 GB	NaN GB	5.45 GB	NaN GB
TST_test_0053_88_118	value	-57847.83	-57848.53	-57847.83	-57847.83	-57856.18	-57856.46	**-57884.28**	**-57884.28**	-57868.99	-57883.17
	bound	-58165.18	-58175.17	-58164.26	-58164.26	-58164.27	-58164.26	-58101.30	**-57884.28**	-58132.43	-Inf
	runtime	515.02	484.62	325.29	0.11	99.31	1.51	3540.43	177.78	3559.55	NaN
	memory (GB)	0.40 GB	0.28 GB	1.79 GB	0.07 GB	0.07 GB	0.07 GB	0.34 GB	NaN GB	4.36 GB	NaN GB
TST_test_0054_88_106	value	-48817.01	-48846.14	-47782.10	-48906.38	-48866.78	-48865.17	**-48954.49**	-48950.13	-48930.40	-48939.71
	bound	-50037.76	-50062.43	-50036.20	-50036.20	-50036.32	-50036.20	-49985.00	**-49201.91**	-50009.51	-Inf
	runtime	449.75	417.50	3520.30	0.29	96.28	14.16	3515.83	3608.72	3553.64	NaN
	memory (GB)	0.35 GB	0.26 GB	1.67 GB	0.07 GB	0.07 GB	0.07 GB	0.79 GB	NaN GB	3.85 GB	NaN GB
TST_test_0055_96_108	value	-55151.83	-55193.24	-55234.38	-55234.38	-55135.28	-55135.28	-55248.24	**-55248.28**	-55234.47	-55239.38
	bound	-56015.40	-56034.59	-56013.82	-56013.82	-56013.82	-56013.82	-55960.23	**-55296.95**	-55998.23	-Inf
	runtime	536.57	498.76	2070.74	0.23	58.89	3.16	3524.06	3606.27	3597.27	NaN
	memory (GB)	0.38 GB	0.28 GB	1.86 GB	0.07 GB	0.07 GB	0.07 GB	0.60 GB	NaN GB	4.23 GB	NaN GB
TST_test_0056_88_112	value	-55037.98	-55016.07	-54851.21	-55053.40	**-55055.94**	**-55055.94**	**-55055.94**	**-55055.94**	-55055.13	-55009.53
	bound	-55398.76	-55409.50	-55398.21	-55398.21	-55398.21	-55398.21	-55336.44	**-55055.94**	-55370.02	-Inf
	runtime	498.48	477.60	348.87	0.11	66.46	0.93	3523.28	590.96	3574.99	NaN
	memory (GB)	0.39 GB	0.27 GB	1.74 GB	0.07 GB	0.07 GB	0.07 GB	0.38 GB	NaN GB	4.04 GB	NaN GB
TST_test_0057_80_95	value	-39946.87	-39990.21	-39547.73	-40042.89	-40045.26	-40045.26	**-40054.23**	**-40054.23**	-40045.29	-40024.79
	bound	-40819.32	-40833.44	-40817.48	-40817.48	-40817.71	-40817.48	-40765.80	**-40126.50**	-40789.12	-Inf
	runtime	366.08	302.26	1672.76	0.27	71.76	9.13	3543.44	3602.79	3588.86	NaN
	memory (GB)	0.27 GB	0.18 GB	1.38 GB	0.05 GB	0.05 GB	0.05 GB	0.61 GB	NaN GB	3.14 GB	NaN GB
TST_test_0058_144_124	value	-98964.89	-99030.82	-98610.84	-99114.15	-99047.19	-99047.19	-99153.94	**-99159.23**	-99148.23	-99158.77
	bound	-99714.58	-99731.39	-99713.25	-99713.25	-99713.25	-99713.25	-99660.79	**-99163.60**	-99701.51	-Inf
	runtime	959.17	914.51	1975.98	0.19	118.94	1.70	3546.01	3602.33	3593.43	NaN
	memory (GB)	0.72 GB	0.51 GB	3.05 GB	0.13 GB	0.13 GB	0.13 GB	0.54 GB	NaN GB	7.53 GB	NaN GB
TST_test_0059_104_73	value	-41750.12	-41713.50	-41720.14	-41720.14	-41756.26	-41756.26	**-41794.15**	**-41794.15**	-41790.23	-41793.99
	bound	-41897.63	-41925.55	-41897.26	-41897.26	-41897.26	-41897.26	-41822.74	**-41794.15**	-41852.89	-Inf
	runtime	366.74	326.78	166.20	0.08	75.67	0.62	3570.48	12.48	3573.42	NaN
	memory (GB)	0.28 GB	0.18 GB	1.35 GB	0.05 GB	0.05 GB	0.05 GB	0.26 GB	NaN GB	3.22 GB	NaN GB
TST_test_0060_80_111	value	-48623.20	-48623.20	-48323.79	-48605.54	-48661.58	-48661.58	**-48676.40**	**-48676.40**	-48660.69	-48656.88
	bound	-49017.29	-49041.39	-49016.63	-49016.63	-49016.63	-49016.63	-48959.96	**-48676.40**	-48992.04	-Inf
	runtime	438.14	402.74	662.45	0.11	74.52	1.54	3538.99	623.77	3578.60	NaN
	memory (GB)	0.34 GB	0.25 GB	1.58 GB	0.06 GB	0.06 GB	0.06 GB	0.38 GB	NaN GB	3.77 GB	NaN GB
TST_test_0061_88_86	value	-39625.93	-39636.37	-38747.37	-39697.64	-39707.74	-39707.74	-39740.11	-39753.52	-39728.78	-39713.85
	bound	-40581.28	-40605.18	-40579.82	-40579.82	-40579.82	-40579.82	-40534.01	**-39844.39**	-40555.70	-Inf
	runtime	321.13	336.81	1950.18	0.20	54.99	3.91	3542.53	3602.92	3583.71	NaN
	memory (GB)	0.27 GB	0.18 GB	1.38 GB	0.05 GB	0.05 GB	0.05 GB	0.63 GB	NaN GB	3.89 GB	NaN GB
TST_test_0062_88_106	value	-48615.90	-48651.23	-43548.57	-48706.49	-48582.15	-48580.54	**-48719.36**	**-48719.36**	-48712.68	-48659.05
	bound	-50014.40	-50032.70	-50083.58	-50012.64	-50012.64	-50012.64	-49957.02	**-49141.58**	-49976.13	-Inf
	runtime	462.30	435.15	3602.17	0.26	89.02	14.01	3529.53	3601.97	3524.82	NaN
	memory (GB)	0.35 GB	0.24 GB	2.27 GB	0.07 GB	0.07 GB	0.07 GB	0.94 GB	NaN GB	3.87 GB	NaN GB
TST_test_0063_120_108	value	-72437.21	-72462.95	-72523.48	-72523.48	-72530.77	-72526.81	**-72570.44**	**-72570.44**	-72553.89	-72570.42
	bound	-72938.45	-72966.74	-72936.97	-72936.97	-72936.97	-72936.97	-72876.11	**-72570.44**	-72923.02	-Inf
	runtime	706.72	618.11	1024.33	0.14	133.71	1.47	3545.01	536.17	3592.95	NaN
	memory (GB)	0.48 GB	0.33 GB	2.25 GB	0.09 GB	0.09 GB	0.09 GB	0.40 GB	NaN GB	5.48 GB	NaN GB
TST_test_0064_80_103	value	-44939.39	-44890.23	-44707.27	-44952.03	-44951.06	-44966.90	-44985.75	**-44992.22**	-44977.08	-44991.82
	bound	-45256.73	-45271.81	-45255.41	-45255.41	-45255.41	-45255.41	-45187.66	**-44992.22**	-45220.61	-Inf
	runtime	394.90	376.27	397.05	0.10	37.91	0.99	3539.12	128.71	3525.84	NaN
	memory (GB)	0.34 GB	0.23 GB	1.47 GB	0.06 GB	0.06 GB	0.06 GB	0.32 GB	NaN GB	3.44 GB	NaN GB
TST_test_0065_104_94	value	-52835.73	-52836.64	-52264.55	-52880.71	-52880.57	-52880.57	**-52896.64**	**-52896.64**	-52880.71	-52874.89
	bound	-53572.50	-53591.51	-53571.02	-53571.02	-53571.02	-53571.02	-53516.13	**-52901.44**	-53550.72	-Inf
	runtime	435.82	428.45	1390.86	0.16	65.91	3.39	3554.67	3600.57	3592.31	NaN
	memory (GB)	0.39 GB	0.25 GB	1.76 GB	0.07 GB	0.07 GB	0.07 GB	0.55 GB	NaN GB	3.99 GB	NaN GB
TST_test_0066_96_121	value	-64010.81	-64008.46	-63851.02	-63999.79	-64065.85	-64065.85	**-64078.28**	**-64078.28**	-64071.18	-64055.63
	bound	-64355.27	-64364.99	-64354.44	-64354.44	-64354.44	-64354.44	-64290.80	**-64078.28**	-64329.85	-Inf
	runtime	584.66	553.40	486.31	0.13	66.34	0.81	3542.38	207.92	3582.57	NaN
	memory (GB)	0.47 GB	0.31 GB	1.95 GB	0.08 GB	0.08 GB	0.08 GB	0.34 GB	NaN GB	4.86 GB	NaN GB
TST_test_0067_96_121	value	-65472.88	-65459.25	-65297.20	-65420.93	-65537.27	-65536.07	**-65540.34**	**-65540.34**	**-65540.34**	-65539.74
	bound	-65677.00	-65687.46	-65675.92	-65675.92	-65675.94	-65675.92	-65600.41	**-65540.34**	-65639.70	-Inf
	runtime	607.61	549.01	190.49	0.09	159.01	1.21	3557.00	45.27	3546.91	NaN
	memory (GB)	0.43 GB	0.31 GB	1.94 GB	0.08 GB	0.08 GB	0.08 GB	0.30 GB	NaN GB	4.84 GB	NaN GB
TST_test_0068_72_94	value	-33226.31	-33276.24	-31902.45	-33281.74	-33284.98	-33284.98	**-33333.42**	**-33333.42**	-33320.46	-33300.52
	bound	-34515.63	-34538.69	-35032.46	-34514.05	-34514.07	-34514.05	-34461.46	**-33685.90**	-34479.07	-Inf
	runtime	315.25	283.13	3601.93	0.47	58.31	14.34	3547.62	3606.86	3562.37	NaN
	memory (GB)	0.24 GB	0.16 GB	1.64 GB	0.05 GB	0.05 GB	0.05 GB	0.89 GB	NaN GB	2.83 GB	NaN GB
TST_test_0069_96_109	value	-57328.88	-57354.00	-56759.23	-57430.32	-57324.73	-57324.73	**-57486.46**	**-57486.46**	-57485.00	-57437.57
	bound	-58010.80	-58031.77	-58009.49	-58009.49	-58009.50	-58009.49	-57959.80	**-57486.46**	-57995.23	-Inf
	runtime	551.22	493.90	1145.37	0.16	92.48	3.34	3564.34	2000.34	3598.42	NaN
	memory (GB)	0.37 GB	0.28 GB	1.79 GB	0.08 GB	0.08 GB	0.08 GB	0.48 GB	NaN GB	4.39 GB	NaN GB
TST_test_0070_88_96	value	-47437.25	-47427.60	-47427.55	-47427.55	-47436.47	-47434.69	-47463.45	**-47464.70**	-47463.99	**-47464.70**
	bound	-47573.12	-47589.25	-47572.26	-47572.26	-47572.39	-47572.26	-47496.25	**-47464.70**	-47529.18	-Inf
	runtime	370.15	369.95	117.17	0.09	79.66	1.04	3570.07	10.21	3561.59	NaN
	memory (GB)	0.31 GB	0.24 GB	1.49 GB	0.06 GB	0.06 GB	0.06 GB	0.27 GB	NaN GB	3.65 GB	NaN GB
TST_test_0071_72_94	value	-36001.19	-36041.53	-35569.49	-36067.28	-36076.03	-36076.03	**-36081.26**	**-36081.26**	-36077.84	-36053.62
	bound	-36547.56	-36574.01	-36546.05	-36546.05	-36546.06	-36546.05	-36489.12	**-36081.26**	-36516.28	-Inf
	runtime	310.38	299.90	531.93	0.15	59.86	2.29	3553.39	1622.30	3584.83	NaN
	memory (GB)	0.25 GB	0.17 GB	1.19 GB	0.05 GB	0.05 GB	0.05 GB	0.25 GB	NaN GB	2.78 GB	NaN GB
TST_test_0072_96_113	value	-58464.63	-58493.59	-57583.64	-58532.61	-58533.79	-58533.79	**-58545.79**	-58545.36	-58536.66	-58486.27
	bound	-59341.14	-59355.23	-59340.20	-59340.20	-59340.20	-59340.20	-59286.60	**-58672.63**	-59330.35	-Inf
	runtime	555.62	520.53	2260.43	0.26	80.07	4.92	3561.55	3602.58	3597.67	NaN
	memory (GB)	0.41 GB	0.29 GB	1.93 GB	0.08 GB	0.08 GB	0.08 GB	0.66 GB	NaN GB	4.48 GB	NaN GB
TST_test_0073_128_113	value	-82068.08	-82068.40	-82084.62	-82084.62	-82087.07	-82087.07	-82121.21	**-82131.68**	-82097.23	-82109.39
	bound	-82428.87	-82436.17	-82428.17	-82428.17	-82428.17	-82428.17	-82364.53	**-82131.68**	-82407.90	-Inf
	runtime	769.81	713.15	496.76	0.12	125.12	1.20	3539.20	249.16	3583.32	NaN
	memory (GB)	0.54 GB	0.36 GB	2.49 GB	0.10 GB	0.10 GB	0.10 GB	0.37 GB	NaN GB	6.12 GB	NaN GB
TST_test_0074_96_107	value	-55949.83	-56023.89	-55575.02	-55975.44	-55903.13	-55903.01	-56109.16	**-56111.41**	-56105.24	-56097.49
	bound	-56692.81	-56711.51	-56691.31	-56691.31	-56691.38	-56691.31	-56638.70	**-56111.41**	-56674.32	-Inf
	runtime	526.53	482.77	1172.84	0.18	100.26	10.80	3526.11	2960.21	3591.73	NaN
	memory (GB)	0.38 GB	0.28 GB	1.80 GB	0.07 GB	0.07 GB	0.07 GB	0.55 GB	NaN GB	4.27 GB	NaN GB
TST_test_0075_88_92	value	-41031.15	-41046.93	-37190.60	-41090.51	-40903.31	-40901.84	**-41117.42**	-41115.97	-41092.31	-41099.03
	bound	-42346.65	-42372.51	-42443.66	-42344.59	-42344.59	-42344.59	-42291.71	**-41505.93**	-42312.77	-Inf
	runtime	396.74	373.44	3602.16	0.28	34.19	6.81	3511.55	3600.46	3560.05	NaN
	memory (GB)	0.28 GB	0.19 GB	1.95 GB	0.06 GB	0.06 GB	0.06 GB	0.90 GB	NaN GB	3.33 GB	NaN GB
TST_test_0076_80_93	value	-39561.86	-39597.54	-38720.56	-39607.03	-39489.98	-39488.71	**-39655.20**	**-39655.20**	-39653.98	-39647.20
	bound	-40330.95	-40351.47	-40329.41	-40329.41	-40329.49	-40329.41	-40276.46	**-39733.61**	-40304.95	-Inf
	runtime	359.81	327.34	1122.05	0.21	68.64	9.03	3564.44	3602.66	3592.47	NaN
	memory (GB)	0.27 GB	0.18 GB	1.35 GB	0.05 GB	0.05 GB	0.05 GB	0.59 GB	NaN GB	3.16 GB	NaN GB
TST_test_0077_96_95	value	-49778.74	-49788.13	-49792.16	-49792.16	-49768.26	-49768.42	**-49839.31**	**-49839.31**	-49803.85	**-49839.31**
	bound	-50243.63	-50269.15	-50241.66	-50241.66	-50241.66	-50241.66	-50180.04	**-49839.31**	-50215.81	-Inf
	runtime	445.62	387.35	543.64	0.13	75.06	1.00	3544.15	562.46	3577.63	NaN
	memory (GB)	0.33 GB	0.23 GB	1.61 GB	0.06 GB	0.06 GB	0.07 GB	0.41 GB	NaN GB	3.76 GB	NaN GB
TST_test_0078_72_108	value	-41950.23	-42019.56	-41432.97	-42040.02	-42040.03	-42040.03	**-42048.22**	**-42048.22**	-42044.21	-42028.00
	bound	-42536.42	-42553.64	-42535.31	-42535.31	-42535.33	-42535.31	-42479.20	**-42048.22**	-42509.76	-Inf
	runtime	321.31	315.81	892.28	0.14	67.62	5.68	3561.35	1835.08	3590.07	NaN
	memory (GB)	0.30 GB	0.18 GB	1.39 GB	0.06 GB	0.06 GB	0.06 GB	0.49 GB	NaN GB	3.20 GB	NaN GB
TST_test_0079_88_81	value	-36415.97	-36442.78	-35853.03	-36469.57	-36401.46	-36401.46	-36480.96	-36522.68	-36471.66	-36505.86
	bound	-37259.18	-37278.39	-37258.13	-37258.13	-37258.13	-37258.13	-37210.37	**-36557.13**	-37237.66	-Inf
	runtime	334.80	320.13	1829.61	0.18	51.71	4.39	3567.86	3603.50	3590.75	NaN
	memory (GB)	0.26 GB	0.17 GB	1.28 GB	0.05 GB	0.05 GB	0.05 GB	0.60 GB	NaN GB	2.96 GB	NaN GB
TST_test_0080_104_107	value	-60937.22	-60952.10	-60920.38	-61004.76	-61015.65	-61015.65	**-61033.84**	**-61033.84**	-61006.83	-61023.76
	bound	-61746.93	-61763.18	-61745.58	-61745.57	-61745.58	-61745.57	-61691.89	**-61074.08**	-61732.08	-Inf
	runtime	511.05	525.24	1410.84	0.19	98.54	3.67	3558.16	3601.83	3598.36	NaN
	memory (GB)	0.43 GB	0.30 GB	1.93 GB	0.08 GB	0.08 GB	0.08 GB	0.58 GB	NaN GB	4.63 GB	NaN GB
TST_test_0081_112_96	value	-59305.27	-59330.36	-59332.72	-59388.36	-59388.36	-59388.36	-59426.51	**-59446.88**	-59389.77	-59446.08
	bound	-59892.09	-59904.64	-59891.23	-59891.23	-59891.36	-59891.23	-59832.67	**-59446.88**	-59874.99	-Inf
	runtime	560.51	487.53	787.15	0.14	106.82	4.15	3542.42	1070.89	3589.38	NaN
	memory (GB)	0.40 GB	0.29 GB	1.88 GB	0.08 GB	0.08 GB	0.08 GB	0.45 GB	NaN GB	4.41 GB	NaN GB
TST_test_0082_96_106	value	-56786.21	-56759.48	-56761.71	-56785.09	-56790.13	-56790.13	-56798.47	**-56804.69**	-56801.26	-56802.72
	bound	-57016.63	-57027.34	-57015.27	-57015.27	-57015.27	-57015.27	-56945.76	**-56804.69**	-56983.25	-Inf
	runtime	513.51	461.20	197.30	0.09	81.58	0.70	3534.89	70.46	3541.65	NaN
	memory (GB)	0.40 GB	0.28 GB	1.78 GB	0.07 GB	0.07 GB	0.07 GB	0.29 GB	NaN GB	4.25 GB	NaN GB
TST_test_0083_72_105	value	-39969.12	-39990.71	-39958.17	-40005.60	-39937.99	-39932.38	-40075.20	-40068.75	-40051.69	-40061.77
	bound	-40749.18	-40769.22	-40747.30	-40747.30	-40747.31	-40747.30	-40693.34	**-40088.43**	-40729.75	-Inf
	runtime	364.33	330.07	1093.02	0.18	68.92	6.02	3561.93	3602.54	3576.46	NaN
	memory (GB)	0.27 GB	0.18 GB	1.37 GB	0.05 GB	0.05 GB	0.05 GB	0.54 GB	NaN GB	3.15 GB	NaN GB
TST_test_0084_120_115	value	-78121.63	-78125.94	-78134.34	-78134.34	-78134.34	-78134.34	**-78135.33**	**-78135.33**	-78134.34	-78132.13
	bound	-78389.71	-78421.83	-78388.79	-78388.79	-78388.82	-78388.79	-78324.20	**-78135.33**	-78366.41	-Inf
	runtime	702.02	679.00	494.59	0.15	140.12	1.93	3531.01	252.99	3568.50	NaN
	memory (GB)	0.52 GB	0.35 GB	2.38 GB	0.10 GB	0.10 GB	0.10 GB	0.36 GB	NaN GB	5.83 GB	NaN GB
TST_test_0085_64_126	value	-44200.17	-44200.17	-44216.57	-44216.57	-44216.57	-44216.57	**-44219.29**	**-44219.29**	-44216.57	-44175.77
	bound	-44762.27	-44779.62	-44761.19	-44761.19	-44761.20	-44761.19	-44707.07	**-44219.29**	-44733.82	-Inf
	runtime	365.27	364.67	976.93	0.17	70.99	3.55	3538.96	2950.33	3584.49	NaN
	memory (GB)	0.29 GB	0.19 GB	1.44 GB	0.06 GB	0.06 GB	0.06 GB	0.50 GB	NaN GB	3.30 GB	NaN GB
TST_test_0086_80_112	value	-47558.66	-47581.48	-47482.82	-47603.81	-47660.65	-47662.48	**-47688.74**	**-47688.74**	-47678.44	-47662.67
	bound	-48299.39	-48315.66	-48296.44	-48296.44	-48296.44	-48296.44	-48241.90	**-47688.74**	-48276.15	-Inf
	runtime	448.75	421.07	1238.63	0.14	62.52	2.57	3541.79	3320.53	3591.28	NaN
	memory (GB)	0.35 GB	0.23 GB	1.61 GB	0.06 GB	0.06 GB	0.06 GB	0.55 GB	NaN GB	3.76 GB	NaN GB
TST_test_0087_88_124	value	-60996.42	-60976.76	-61014.71	-61014.71	-61024.14	-61023.18	-61036.08	**-61043.79**	-61030.88	-61043.48
	bound	-61237.08	-61252.25	-61235.90	-61235.90	-61235.90	-61235.90	-61163.31	**-61043.79**	-61203.58	-Inf
	runtime	567.26	514.78	269.45	0.10	90.93	0.61	3531.10	50.94	3569.59	NaN
	memory (GB)	0.39 GB	0.29 GB	1.87 GB	0.08 GB	0.08 GB	0.08 GB	0.30 GB	NaN GB	4.48 GB	NaN GB
TST_test_0088_104_107	value	-60000.03	-60038.73	-59681.79	-60039.87	-60049.77	-60049.77	**-60088.79**	-60088.43	-60073.33	-60030.60
	bound	-60920.13	-60938.88	-60918.61	-60918.61	-60918.61	-60918.61	-60865.24	**-60235.18**	-60907.24	-Inf
	runtime	566.55	514.60	1754.98	0.27	88.55	8.88	3545.47	3603.26	3594.88	NaN
	memory (GB)	0.44 GB	0.30 GB	1.96 GB	0.08 GB	0.08 GB	0.08 GB	0.66 GB	NaN GB	4.88 GB	NaN GB
TST_test_0089_72_92	value	-36480.36	-36477.69	-36477.59	-36500.22	-36518.38	-36518.38	**-36525.17**	**-36525.17**	**-36525.17**	**-36525.17**
	bound	-36797.19	-36813.34	-36795.87	-36795.87	-36795.87	-36795.87	-36732.09	**-36525.17**	-36762.05	-Inf
	runtime	273.90	262.85	426.50	0.10	58.51	1.35	3545.77	306.15	3578.87	NaN
	memory (GB)	0.25 GB	0.16 GB	1.17 GB	0.05 GB	0.05 GB	0.05 GB	0.34 GB	NaN GB	2.75 GB	NaN GB
TST_test_0090_104_116	value	-64504.85	-64515.18	-63469.97	-64519.10	-64664.88	-64664.88	**-64683.76**	-64682.09	-64663.63	-64647.89
	bound	-65581.11	-65597.19	-65578.49	-65578.49	-65578.50	-65578.49	-65530.37	**-64788.13**	-65565.67	-Inf
	runtime	628.56	582.09	2892.67	0.24	121.48	5.32	3544.12	3608.50	3592.27	NaN
	memory (GB)	0.47 GB	0.32 GB	2.17 GB	0.08 GB	0.09 GB	0.09 GB	0.76 GB	NaN GB	5.14 GB	NaN GB
TST_test_0091_136_95	value	-70926.83	-70942.30	-70566.70	-70979.13	-70989.97	-70989.52	**-71008.80**	-71005.43	-70979.13	-71005.10
	bound	-71733.28	-71749.48	-71732.33	-71732.33	-71732.33	-71732.33	-71678.95	**-71042.35**	-71721.09	-Inf
	runtime	677.58	619.74	2427.21	0.27	119.65	4.02	3526.56	3601.06	3593.11	NaN
	memory (GB)	0.49 GB	0.32 GB	2.29 GB	0.09 GB	0.09 GB	0.09 GB	0.61 GB	NaN GB	5.42 GB	NaN GB
TST_test_0092_96_111	value	-59123.19	-59111.22	-59174.68	-59174.68	-59176.37	-59176.37	-59181.11	**-59183.88**	-59175.70	-59157.68
	bound	-59548.56	-59564.40	-59546.60	-59546.60	-59546.64	-59546.60	-59484.28	**-59183.88**	-59523.34	-Inf
	runtime	552.69	517.72	666.80	0.12	103.40	2.67	3509.18	382.25	3566.66	NaN
	memory (GB)	0.38 GB	0.28 GB	1.83 GB	0.08 GB	0.08 GB	0.08 GB	0.37 GB	NaN GB	4.36 GB	NaN GB
TST_test_0093_104_105	value	-59180.84	-59183.71	-58755.95	-59209.40	-59368.43	-59368.43	**-59380.35**	**-59380.35**	-59371.85	-59370.45
	bound	-59807.93	-59822.45	-59806.47	-59806.47	-59806.94	-59806.47	-59748.58	**-59380.35**	-59788.42	-Inf
	runtime	549.40	520.08	1032.25	0.16	132.94	2.86	3511.69	979.29	3594.64	NaN
	memory (GB)	0.42 GB	0.30 GB	1.90 GB	0.08 GB	0.08 GB	0.08 GB	0.48 GB	NaN GB	4.55 GB	NaN GB
TST_test_0094_64_131	value	-42693.74	-42717.84	-41677.48	-42782.46	-42719.54	-42729.24	-42825.39	-42825.39	-42808.34	-42780.03
	bound	-44085.12	-44103.95	-44082.66	-44082.66	-44082.66	-44082.66	-44030.56	**-43210.84**	-44049.86	-Inf
	runtime	349.37	373.16	3575.92	0.36	61.47	10.14	3537.91	3603.41	3524.30	NaN
	memory (GB)	0.36 GB	0.24 GB	1.50 GB	0.06 GB	0.06 GB	0.06 GB	0.85 GB	NaN GB	3.47 GB	NaN GB
TST_test_0095_128_109	value	-75960.41	-76023.22	-75637.59	-76065.55	-76070.38	-76070.38	-76104.20	-76109.29	-76093.99	**-76110.22**
	bound	-76793.36	-76814.82	-76791.92	-76791.92	-76791.92	-76791.92	-76739.46	**-76119.35**	-76779.68	-Inf
	runtime	706.66	667.29	1638.18	0.20	109.11	3.53	3545.79	3600.88	3592.94	NaN
	memory (GB)	0.54 GB	0.34 GB	2.40 GB	0.10 GB	0.10 GB	0.10 GB	0.61 GB	NaN GB	6.04 GB	NaN GB
TST_test_0096_56_107	value	-28375.75	-28383.85	-28416.30	-28416.30	-28416.30	-28416.30	-28442.50	**-28466.74**	-28423.60	-28441.31
	bound	-29762.24	-29777.01	-29760.56	-29760.56	-29760.57	-29760.56	-29708.79	**-28899.09**	-29725.20	-Inf
	runtime	278.26	263.53	3520.80	0.30	65.15	14.61	3541.77	3601.58	3547.80	NaN
	memory (GB)	0.23 GB	0.15 GB	1.05 GB	0.04 GB	0.04 GB	0.04 GB	0.90 GB	NaN GB	2.50 GB	NaN GB
TST_test_0097_56_111	value	-29531.38	-29572.78	-29611.93	-29611.93	-29418.69	-29420.09	**-29618.83**	**-29618.83**	-29613.41	-29567.56
	bound	-30986.62	-31002.59	-30984.86	-30984.86	-30984.86	-30984.86	-30929.53	**-30088.62**	-30941.58	-Inf
	runtime	256.92	269.46	2945.39	0.35	51.33	17.93	3521.49	3600.25	3530.76	NaN
	memory (GB)	0.23 GB	0.16 GB	1.15 GB	0.04 GB	0.04 GB	0.05 GB	0.97 GB	NaN GB	2.57 GB	NaN GB
TST_test_0098_112_98	value	-60134.90	-60153.63	-60213.19	-60213.19	-60214.50	-60214.50	-60260.54	**-60265.58**	-60213.19	-60231.50
	bound	-60940.99	-60969.08	-60939.87	-60939.87	-60939.87	-60939.87	-60881.11	**-60284.03**	-60924.15	-Inf
	runtime	557.20	535.13	1213.87	0.17	70.94	3.40	3545.99	3602.41	3597.73	NaN
	memory (GB)	0.43 GB	0.30 GB	1.92 GB	0.08 GB	0.08 GB	0.08 GB	0.56 GB	NaN GB	4.48 GB	NaN GB
TST_test_0099_72_105	value	-42217.46	-42149.04	-42146.73	-42146.73	-42167.24	-42166.32	**-42242.61**	**-42242.61**	**-42242.61**	-42242.31
	bound	-42367.79	-42380.43	-42366.09	-42366.09	-42366.11	-42366.09	-42286.68	**-42242.61**	-42324.09	-Inf
	runtime	355.63	323.00	176.45	0.06	69.38	0.89	3558.73	23.43	3527.09	NaN
	memory (GB)	0.27 GB	0.18 GB	1.34 GB	0.05 GB	0.05 GB	0.05 GB	0.27 GB	NaN GB	3.19 GB	NaN GB
TST_test_0100_80_102	value	-45037.51	-45039.53	-45047.21	-45047.21	-45055.66	-45055.66	**-45097.93**	**-45097.93**	-45086.10	**-45097.93**
	bound	-45246.01	-45263.81	-45244.60	-45244.60	-45244.60	-45244.60	-45168.03	**-45097.93**	-45205.92	-Inf
	runtime	392.15	355.14	202.56	0.07	58.72	0.55	3551.40	24.20	3493.75	NaN
	memory (GB)	0.29 GB	0.19 GB	1.45 GB	0.06 GB	0.06 GB	0.06 GB	0.27 GB	NaN GB	3.44 GB	NaN GB
mean energy		-49468.24	-49478.46	-48928.96	-49501.95	-49514.06	-49496.76	-49547.41	-49550.10	-49536.00	-49533.02
mean bound		-50120.76	-50138.29	-50134.52	-50119.38	-50119.41	-50119.38	-50061.15	-49612.38	-50092.16	-Inf
mean runtime		447.56	416.33	1335.58	0.17	78.84	4.43	3553.71	2053.89	3569.52	NaN
best value		0.00	0.00	0.00	0.00	3.00	2.00	63.00	80.00	8.00	13.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.00	0.00	0.00

Table 10: geo-surf-3

geo-surf-3		α-Exp-QPBO	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS
gm1	value	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.08	0.10	0.00	0.02	0.35	0.02	0.08	0.03	1.85	0.91	0.37
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm10	value	**146.15**	147.87	147.77	147.77	147.87	147.77	147.77	147.77	147.77	147.77	147.77	149.75	149.75
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.22	0.25	0.00	0.04	0.71	0.04	0.22	0.07	4.71	5.67	4.37
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm100	value	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.02	0.02	0.00	0.00	0.05	0.00	0.02	0.01	0.04	0.01	0.01
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm101	value	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.04	0.02	0.01
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB
gm102	value	**102.11**	104.08	**102.11**	**102.11**	104.08	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.21	0.01	0.07	0.02	1.42	0.63	0.29
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm103	value	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.08	0.00	0.02	0.01	0.19	0.09	0.06
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm104	value	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.16	0.01	0.05	0.02	0.50	0.23	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm105	value	**67.71**	67.87	**67.71**	**67.71**	67.87	67.87	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.02	0.03	0.00	0.00	0.08	0.01	0.02	0.01	0.15	0.06	0.03
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm106	value	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB
gm107	value	**176.33**	179.75	**176.33**	**176.33**	179.75	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.16	0.18	0.01	0.03	0.49	0.03	0.15	0.05	1.96	0.89	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm108	value	**105.21**	108.11	**105.21**	**105.21**	108.11	108.07	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.10	0.00	0.02	0.01	0.09	0.04	0.02
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm109	value	**120.11**	120.19	**120.11**	**120.11**	120.19	120.19	**120.11**	**120.11**	**120.11**	**120.11**	**120.11**	**120.11**	**120.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.09	0.11	0.00	0.02	0.90	0.02	0.09	0.04	2.39	2.42	1.92
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm11	value	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.04	0.00	0.01	0.00	0.03	0.01	0.01
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB
gm110	value	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.09	0.12	0.00	0.02	0.38	0.01	0.09	0.03	0.90	0.42	0.23
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm111	value	**181.90**	181.93	181.92	181.92	181.93	181.92	181.92	181.92	181.92	181.92	**181.90**	**181.90**	**181.90**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.46	0.01	0.04	0.01	0.40	0.17	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
gm112	value	**192.99**	194.15	**192.99**	**192.99**	194.15	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.16	0.18	0.01	0.03	0.41	0.03	0.16	0.05	4.45	2.02	1.49
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB

geo-surf-3		ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm1	value	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**
	bound	**156.87**	**156.87**	**156.87**	156.87	**156.87**	156.87	**156.87**	**156.87**	156.74	156.53	**156.87**	-Inf	-Inf	-Inf	**156.87**
	runtime	0.01	0.09	0.09	32.02	4.57	30.35	1.94	1.86	31.64	30.35	0.61	0.47	6.49	7.82	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	0.06 GB	0.06 GB
gm10	value	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**	**146.15**
	bound	**146.15**	**146.15**	**146.15**	146.15	**146.15**	146.14	**146.15**	**146.15**	146.03	145.83	**146.15**	-Inf	-Inf	-Inf	**146.15**
	runtime	0.02	0.18	0.17	59.76	7.90	57.73	4.80	6.34	60.23	58.09	1.50	2.12	8.21	28.54	0.30
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.06 GB	0.10 GB	0.10 GB	1.18 GB	0.10 GB
gm100	value	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**
	bound	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	**35.07**	35.07	35.07	**35.07**	-Inf	-Inf	-Inf	**35.07**
	runtime	0.01	0.02	0.02	1.27	0.75	1.23	0.19	0.09	8.77	8.55	0.08	0.11	6.11	6.24	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm101	value	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**	**23.97**
	bound	**23.97**	23.97	23.97	23.97	**23.97**	23.97	**23.97**	**23.97**	23.93	23.89	**23.97**	-Inf	-Inf	-Inf	**23.97**
	runtime	0.02	0.02	0.02	2.78	0.64	2.69	0.10	0.12	2.72	2.69	0.04	0.06	6.06	6.19	0.02
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB
gm102	value	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**
	bound	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	**102.11**	102.09	102.03	**102.11**	-Inf	-Inf	-Inf	**102.11**
	runtime	0.25	0.16	0.16	18.34	20.29	17.47	1.90	1.06	35.60	33.07	0.46	0.86	6.89	19.67	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.05 GB	0.06 GB
gm103	value	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**
	bound	**62.34**	62.34	62.34	**62.34**	**62.34**	**62.34**	**62.34**	**62.34**	62.30	62.27	**62.34**	-Inf	-Inf	-Inf	**62.34**
	runtime	0.21	0.02	0.02	6.93	8.44	5.54	0.52	0.35	9.23	8.78	0.13	0.20	6.19	6.56	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.03 GB
gm104	value	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**
	bound	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	**107.62**	107.61	107.61	**107.62**	-Inf	-Inf	-Inf	**107.62**
	runtime	0.14	0.08	0.08	4.92	0.86	5.50	0.41	0.27	22.83	25.91	0.66	0.96	6.99	25.92	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.07 GB	0.07 GB	1.54 GB	0.06 GB
gm105	value	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**	**67.71**
	bound	**67.71**	**67.71**	**67.71**	67.71	**67.71**	67.71	**67.71**	**67.71**	67.69	67.68	**67.71**	-Inf	-Inf	-Inf	**67.71**
	runtime	0.00	0.01	0.01	7.59	0.62	7.31	0.22	0.22	7.61	7.28	0.13	0.13	6.13	6.43	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm106	value	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**
	bound	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	**19.71**	19.70	19.70	**19.71**	-Inf	-Inf	-Inf	**19.71**
	runtime	0.00	0.00	0.00	0.44	0.08	0.60	0.04	0.02	2.14	2.08	0.02	0.02	6.02	6.08	0.02
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.02 GB
gm107	value	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**
	bound	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	**176.33**	176.33	176.30	**176.33**	-Inf	-Inf	-Inf	**176.33**
	runtime	0.10	0.09	0.10	14.93	14.16	23.85	3.24	1.16	64.19	60.65	1.08	1.21	7.25	24.91	0.22
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	1.46 GB	0.09 GB
gm108	value	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**
	bound	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	105.15	105.13	**105.21**	-Inf	-Inf	-Inf	**105.21**
	runtime	0.00	0.06	0.06	3.62	0.65	3.17	0.30	0.21	7.16	6.88	0.13	0.12	6.12	6.42	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB
gm109	value	**120.11**	**120.11**	**120.11**	**120.11**	**120.11**	**120.11**	**120.11**	**120.11**	**120.11**	120.11	**120.11**	**120.11**	**120.11**	**120.11**	**120.11**
	bound	**120.17**	120.11	120.11	120.11	120.11	120.10	120.11	120.11	120.01	119.86	120.11	-Inf	-Inf	-Inf	120.11
	runtime	0.64	0.29	0.28	42.99	43.82	44.02	14.00	3.77	43.34	46.95	0.36	0.58	6.59	22.79	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	1.38 GB	0.06 GB
gm11	value	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**
	bound	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	**48.30**	48.30	48.30	**48.30**	-Inf	-Inf	-Inf	**48.30**
	runtime	0.00	0.00	0.00	0.62	0.35	0.62	0.05	0.03	2.88	2.78	0.02	0.02	6.02	6.07	0.02
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.02 GB
gm110	value	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**
	bound	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	**176.16**	176.12	176.07	**176.16**	-Inf	-Inf	-Inf	**176.16**
	runtime	0.03	0.09	0.09	25.75	4.37	45.68	1.54	2.59	48.38	52.16	0.72	0.75	6.76	22.83	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.30 GB	0.07 GB
gm111	value	**181.90**	181.92	181.92	**181.90**	**181.90**	**181.90**	**181.90**	**181.90**	**181.90**	181.92	**181.90**	**181.90**	**181.90**	**181.90**	**181.90**
	bound	**181.90**	181.89	181.89	181.89	**181.90**	181.87	**181.90**	**181.90**	181.81	181.65	**181.90**	-Inf	-Inf	-Inf	**181.90**
	runtime	0.15	0.08	0.21	22.56	10.27	21.07	2.64	4.34	22.42	21.67	0.20	0.15	6.15	6.46	0.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB
gm112	value	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**
	bound	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	**192.99**	192.96	192.83	**192.99**	-Inf	-Inf	-Inf	**192.99**
	runtime	0.05	0.13	0.12	34.66	28.74	49.13	14.09	3.56	116.65	111.94	1.62	1.51	7.54	30.40	0.27
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.06 GB	0.08 GB	0.08 GB	1.75 GB	0.09 GB

geo-surf-3		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm113	value	**133.14**	135.98	**133.14**	**133.14**	135.98	135.95	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**	**133.14**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**133.14**	133.14	133.14	**133.14**	**133.14**	133.14	**133.14**	**133.14**	133.12	132.98	**133.14**	-Inf	-Inf	-Inf	**133.14**
	runtime	0.01	0.01	0.12	0.14	0.00	0.02	0.46	0.03	0.12	0.04	1.34	0.65	0.31	0.17	0.65	0.97	25.08	6.78	52.10	2.60	1.43	49.08	52.39	0.95	1.02	7.03	25.05	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.06 GB	0.06 GB	1.40 GB	0.07 GB
gm114	value	**122.16**	124.05	**122.16**	**122.16**	124.05	124.05	123.93	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**	**122.16**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**122.16**	**122.16**	**122.16**	122.16	**122.16**	122.16	**122.16**	**122.16**	122.12	121.94	**122.16**	-Inf	-Inf	-Inf	**122.16**
	runtime	0.01	0.01	0.22	0.25	0.01	0.03	0.71	0.05	0.22	0.07	4.82	2.99	1.19	0.02	0.46	0.46	90.09	9.68	87.45	7.06	4.69	92.08	92.30	1.17	1.66	7.73	20.89	0.28
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.09 GB	0.09 GB	0.89 GB	0.10 GB
gm115	value	**280.30**	280.43	**280.30**	**280.30**	280.43	280.43	280.43	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**	**280.30**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**280.30**	280.30	280.30	280.30	**280.30**	280.29	**280.30**	**280.30**	280.19	279.93	**280.30**	-Inf	-Inf	-Inf	**280.30**
	runtime	0.01	0.01	0.21	0.24	0.00	0.03	0.39	0.04	0.22	0.07	2.42	0.94	0.76	0.05	0.26	0.26	63.95	10.28	61.95	6.14	6.86	62.92	63.22	1.44	2.23	8.32	31.11	0.25
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.06 GB	0.08 GB	0.08 GB	1.73 GB	0.09 GB
gm116	value	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**	**211.02**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**211.02**	211.02	211.02	211.02	**211.02**	211.00	**211.02**	**211.02**	210.84	210.53	**211.02**	-Inf	-Inf	-Inf	**211.02**
	runtime	0.01	0.01	0.17	0.19	0.01	0.03	0.36	0.03	0.16	0.06	2.71	1.15	0.60	1.10	0.48	0.99	71.67	42.01	70.85	10.60	13.79	74.59	71.30	0.96	1.58	7.58	22.84	0.31
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.09 GB	0.09 GB	1.07 GB	0.10 GB
gm117	value	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	77.10	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	76.60	77.08	77.09	**77.09**	**77.09**	**77.09**	**77.09**	**77.09**	77.09	77.05	**77.09**	-Inf	-Inf	-Inf	**77.09**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.23	0.01	0.04	0.01	0.43	0.20	0.07	0.42	0.19	0.31	3.36	8.07	4.45	1.02	0.24	17.90	16.97	0.23	0.22	6.22	6.59	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB
gm118	value	**220.70**	221.38	**220.70**	**220.70**	221.38	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**	**220.70**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**220.70**	220.70	220.70	**220.70**	**220.70**	220.70	**220.70**	**220.70**	220.68	220.65	**220.70**	-Inf	-Inf	-Inf	**220.70**
	runtime	0.01	0.01	0.08	0.10	0.00	0.03	0.35	0.02	0.08	0.03	0.56	0.30	0.19	0.01	0.08	0.08	35.12	4.47	45.60	2.87	2.05	44.71	45.94	1.49	1.21	7.25	21.61	0.22
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.12 GB	0.08 GB
gm119	value	**125.79**	127.44	**125.79**	**125.79**	127.44	127.08	127.08	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**	**125.79**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**125.79**	125.79	**125.79**	**125.79**	**125.79**	125.77	**125.79**	**125.79**	125.63	125.36	**125.79**	-Inf	-Inf	-Inf	**125.79**
	runtime	0.00	0.00	0.07	0.09	0.00	0.02	0.23	0.01	0.08	0.02	0.84	0.40	1.59	0.15	0.18	0.42	29.62	4.48	29.00	2.84	2.98	29.83	29.03	0.46	0.63	6.65	11.58	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.37 GB	0.06 GB
gm12	value	**83.58**	84.19	**83.58**	**83.58**	84.19	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**	**83.58**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**83.62**	83.58	83.58	83.58	83.58	83.58	83.58	83.58	83.52	83.42	83.58	-Inf	-Inf	-Inf	83.58
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.06	0.00	0.02	0.01	0.07	0.03	0.01	0.22	0.04	0.04	5.58	4.55	5.38	0.18	0.32	5.58	5.19	0.10	0.14	6.15	6.47	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB
gm120	value	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**	**115.60**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**115.60**	115.60	115.60	115.60	**115.60**	115.60	**115.60**	**115.60**	115.54	115.51	**115.60**	-Inf	-Inf	-Inf	**115.60**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.28	0.01	0.06	0.02	0.27	0.12	0.04	0.18	0.28	0.29	12.35	8.37	11.84	1.05	0.56	12.29	11.62	0.19	0.20	6.20	6.52	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.04 GB
gm121	value	**195.13**	195.75	**195.13**	**195.13**	195.75	195.75	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**195.13**	195.13	195.13	**195.13**	**195.13**	**195.13**	**195.13**	**195.13**	195.13	195.11	**195.13**	-Inf	-Inf	-Inf	**195.13**
	runtime	0.01	0.01	0.15	0.17	0.01	0.03	0.31	0.04	0.15	0.05	1.01	0.43	0.17	0.27	0.10	0.11	10.77	11.00	14.29	1.72	0.98	47.10	44.43	1.83	1.86	7.94	20.24	0.26
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.06 GB	0.10 GB	0.10 GB	1.05 GB	0.09 GB
gm122	value	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**	94.81	**94.79**	**94.79**	**94.79**	**94.79**	**94.79**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**94.79**	94.79	94.79	94.79	**94.79**	94.78	**94.79**	**94.79**	94.73	94.72	**94.79**	-Inf	-Inf	-Inf	**94.79**
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.23	0.01	0.03	0.01	0.26	0.11	0.06	0.02	0.32	0.32	14.26	3.77	13.57	0.80	0.79	14.08	13.42	0.18	0.13	6.13	6.41	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB
gm123	value	**176.46**	177.99	**176.46**	**176.46**	177.99	176.49	176.49	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**	**176.46**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**176.46**	176.46	176.46	176.45	**176.46**	176.44	**176.46**	**176.46**	176.36	176.24	**176.46**	-Inf	-Inf	-Inf	**176.46**
	runtime	0.01	0.01	0.09	0.12	0.00	0.03	0.38	0.02	0.10	0.04	1.18	0.62	2.43	0.16	0.14	0.14	64.84	26.94	63.34	14.91	6.93	63.78	65.21	0.95	0.94	6.98	23.36	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.05 GB	0.06 GB	0.06 GB	1.35 GB	0.08 GB
gm124	value	**202.59**	202.86	**202.59**	**202.59**	202.86	202.86	202.86	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**	**202.59**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**202.59**	**202.59**	**202.59**	202.59	**202.59**	**202.59**	**202.59**	**202.59**	202.58	202.57	**202.59**	-Inf	-Inf	-Inf	**202.59**
	runtime	0.01	0.00	0.08	0.09	0.00	0.02	0.34	0.02	0.08	0.02	1.48	0.61	0.66	0.02	0.22	0.22	8.25	3.45	13.48	4.17	1.08	52.26	57.49	0.98	0.84	6.87	23.30	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.13 GB	0.06 GB
gm125	value	**186.08**	186.31	**186.08**	**186.08**	186.31	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**186.08**	186.08	186.08	**186.08**	**186.08**	**186.08**	**186.08**	**186.08**	186.00	185.91	**186.08**	-Inf	-Inf	-Inf	**186.08**
	runtime	0.01	0.01	0.12	0.15	0.00	0.03	0.49	0.03	0.12	0.04	1.91	0.90	0.43	0.04	0.08	0.08	58.34	5.59	52.17	4.05	1.90	63.59	60.83	1.25	1.91	7.99	33.28	0.24
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.06 GB	0.09 GB	0.09 GB	1.92 GB	0.09 GB
gm126	value	**230.42**	233.16	**230.42**	**230.42**	233.16	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	230.49	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**	**230.42**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**230.42**	230.42	230.42	230.42	**230.42**	230.42	**230.42**	**230.42**	230.31	229.91	**230.42**	-Inf	-Inf	-Inf	**230.42**
	runtime	0.01	0.01	0.16	0.18	0.00	0.04	0.53	0.03	0.16	0.05	4.52	2.28	1.25	0.02	0.78	1.26	92.90	29.57	91.97	20.32	4.36	93.21	92.43	1.44	1.63	7.70	39.72	0.26
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.08 GB	0.08 GB	2.10 GB	0.09 GB
gm127	value	**186.55**	187.84	**186.55**	**186.55**	187.84	187.32	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**	187.47	**186.55**	186.66	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**	**186.55**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**186.55**	186.55	**186.55**	**186.55**	**186.55**	186.55	**186.55**	**186.55**	186.51	186.42	**186.55**	-Inf	-Inf	-Inf	**186.55**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.21	0.01	0.04	0.01	0.65	0.46	0.64	0.12	0.06	0.16	5.82	5.92	9.57	0.47	0.35	10.04	9.63	0.21	0.14	6.14	6.43	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm128	value	**203.04**	203.32	**203.04**	**203.04**	203.32	203.20	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**	**203.04**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**203.04**	**203.04**	**203.04**	203.04	**203.04**	203.04	**203.04**	**203.04**	202.90	202.43	**203.04**	-Inf	-Inf	-Inf	**203.04**
	runtime	0.01	0.01	0.19	0.22	0.01	0.04	0.60	0.03	0.19	0.06	3.56	1.60	0.72	0.10	0.50	0.51	99.13	14.97	99.60	8.51	6.95	97.22	100.08	2.32	1.66	7.72	18.84	0.32
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.07 GB	0.09 GB	0.09 GB	0.86 GB	0.10 GB
gm129	value	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**	**171.21**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**171.21**	171.21	171.21	**171.21**	**171.21**	171.21	**171.21**	**171.21**	171.20	171.18	**171.21**	-Inf	-Inf	-Inf	**171.21**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.39	0.01	0.04	0.01	0.26	0.10	0.07	0.02	0.42	0.39	5.08	1.83	5.42	0.75	0.51	18.67	15.92	0.23	0.22	6.23	6.76	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB
gm13	value	**240.14**	240.81	**240.14**	**240.14**	240.81	240.81	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	**240.14**	240.05	239.84	**240.14**	-Inf	-Inf	-Inf	**240.14**
	runtime	0.00	0.00	0.08	0.10	0.00	0.02	0.27	0.02	0.09	0.03	0.88	0.36	1.48	0.22	0.08	0.08	21.99	14.59	20.27	2.84	2.14	36.69	33.44	0.71	0.64	6.66	18.22	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.98 GB	0.06 GB
gm130	value	**180.05**	183.85	**180.05**	**180.05**	183.85	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**	**180.05**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**180.05**	**180.05**	**180.05**	180.05	180.05	180.05	**180.05**	**180.05**	179.89	179.79	**180.05**	-Inf	-Inf	-Inf	**180.05**
	runtime	0.00	0.00	0.05	0.07	0.00	0.03	0.62	0.01	0.06	0.02	0.64	0.27	0.15	0.01	0.49	0.50	33.10	4.13	35.84	2.72	1.93	33.41	30.16	0.39	0.43	6.45	27.07	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	1.68 GB	0.06 GB
gm131	value	**245.27**	245.88	**245.27**	**245.27**	245.88	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**	**245.27**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**245.27**	245.27	245.27	245.27	**245.27**	**245.27**	**245.27**	**245.27**	245.27	245.06	**245.27**	-Inf	-Inf	-Inf	**245.27**
	runtime	0.01	0.01	0.12	0.15	0.00	0.03	0.43	0.03	0.12	0.04	2.98	1.40	0.89	0.02	0.28	0.28	11.57	9.39	12.33	3.89	0.97	45.16	37.75	0.96	1.17	7.19	37.23	0.23
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.91 GB	0.08 GB
gm132	value	**161.61**	162.22	**161.61**	**161.61**	162.22	162.17	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**161.61**	161.61	161.61	**161.61**	**161.61**	**161.61**	**161.61**	**161.61**	161.56	161.48	**161.61**	-Inf	-Inf	-Inf	**161.61**
	runtime	0.01	0.01	0.13	0.15	0.00	0.03	0.34	0.02	0.14	0.05	1.71	0.72	0.20	0.04	0.69	0.73	25.48	5.13	33.45	1.93	2.10	41.83	40.96	0.97	1.54	7.62	35.02	0.26
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.06 GB	0.08 GB	0.08 GB	2.03 GB	0.09 GB
gm133	value	**182.11**	183.36	182.42	182.42	183.36	182.51	182.42	182.42	182.42	182.42	182.42	182.42	182.42	**182.11**	**182.11**	**182.11**	**182.11**	**182.11**	**182.11**	**182.11**	**182.11**	**182.11**	182.29	**182.11**	**182.11**	**182.11**	**182.11**	**182.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**182.11**	182.11	182.11	182.09	**182.11**	182.06	**182.11**	**182.11**	181.94	181.32	**182.11**	-Inf	-Inf	-Inf	**182.11**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.26	0.01	0.04	0.02	0.47	0.21	0.12	0.29	0.09	0.10	17.51	16.99	16.52	3.16	2.67	17.48	15.45	0.24	0.21	6.21	6.68	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB
gm134	value	**95.33**	95.51	**95.33**	**95.33**	95.51	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**	**95.33**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**95.33**	95.33	95.33	95.33	**95.33**	**95.33**	**95.33**	**95.33**	95.33	95.17	**95.33**	-Inf	-Inf	-Inf	**95.33**
	runtime	0.00	0.00	0.07	0.09	0.00	0.03	0.98	0.01	0.07	0.02	2.05	1.20	0.74	0.03	0.18	0.19	6.22	8.06	8.06	3.46	0.84	30.51	27.19	0.30	0.46	6.47	56.66	0.11
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	1.89 GB	0.05 GB
gm135	value	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**	**117.98**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**117.98**	117.98	117.98	117.98	**117.98**	117.98	**117.98**	**117.98**	117.94	117.92	**117.98**	-Inf	-Inf	-Inf	**117.98**
	runtime	0.00	0.00	0.06	0.08	0.00	0.02	0.65	0.01	0.06	0.02	1.53	0.67	0.35	0.15	0.06	0.06	35.52	16.64	29.56	3.10	1.43	35.36	30.74	0.41	0.53	6.55	8.70	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.10 GB	0.06 GB
gm136	value	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**	**102.94**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**102.94**	102.94	102.94	**102.94**	**102.94**	102.94	**102.94**	**102.94**	102.88	102.85	**102.94**	-Inf	-Inf	-Inf	**102.94**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.22	0.01	0.04	0.01	0.22	0.09	0.05	0.02	0.09	0.09	13.71	1.16	14.86	0.45	0.65	15.18	13.67	0.30	0.35	6.37	7.39	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.07 GB	0.05 GB
gm137	value	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**	**121.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**121.44**	**121.44**	**121.44**	121.44	**121.44**	**121.44**	**121.44**	**121.44**	121.42	121.37	**121.44**	-Inf	-Inf	-Inf	**121.44**
	runtime	0.01	0.01	0.15	0.18	0.01	0.04	0.74	0.02	0.15	0.05	2.29	1.14	0.49	0.07	0.29	0.29	72.77	13.85	61.43	3.63	3.35	88.95	79.69	2.15	2.14	8.24	25.94	0.31
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.07 GB	0.11 GB	0.11 GB	1.27 GB	0.10 GB
gm138	value	**232.66**	232.70	233.18	233.18	232.70	232.70	**232.66**	**232.66**	233.18	**232.66**	233.18	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**	**232.66**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**232.66**	**232.66**	**232.66**	232.65	**232.66**	232.65	**232.66**	232.65	232.57	232.52	**232.66**	-Inf	-Inf	-Inf	**232.66**
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.45	0.01	0.07	0.02	0.85	0.38	0.11	0.05	0.09	0.09	29.43	9.52	29.27	1.86	2.25	29.94	25.96	0.52	0.43	6.44	9.51	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.19 GB	0.06 GB
gm139	value	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	132.43	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**	**132.17**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**132.17**	132.17	132.17	132.17	**132.17**	132.17	**132.17**	**132.17**	132.11	132.04	**132.17**	-Inf	-Inf	-Inf	**132.17**
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.27	0.01	0.06	0.02	1.00	0.45	1.75	0.46	0.17	0.17	38.16	28.20	36.26	2.61	5.43	38.56	34.16	0.43	0.54	6.55	26.72	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	1.54 GB	0.06 GB
gm14	value	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	**13.08**	13.08	13.08	**13.08**	-Inf	-Inf	-Inf	**13.08**
	runtime	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01	0.06	0.00	0.00	0.46	0.44	0.00	0.01	6.00	6.01	0.01
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB
gm140	value	**135.24**	136.79	**135.24**	**135.24**	136.79	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**	**135.24**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**135.24**	**135.24**	**135.24**	135.24	135.24	135.24	**135.24**	**135.24**	135.16	135.15	**135.24**	-Inf	-Inf	-Inf	**135.24**
	runtime	0.01	0.01	0.47	0.56	0.00	0.20	10.17	0.20	0.47	0.15	15.22	12.11	13.81	0.86	0.27	0.28	143.86	145.91	147.61	19.80	9.63	145.46	139.03	0.78	1.83	7.89	33.94	0.31
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.04 GB	0.03 GB	0.04 GB	0.03 GB	0.05 GB	0.03 GB	0.06 GB	0.07 GB	0.07 GB	1.14 GB	0.10 GB
gm141	value	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**	**189.91**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**189.91**	**189.91**	**189.91**	189.91	**189.91**	**189.91**	**189.91**	**189.91**	189.88	189.67	**189.91**	-Inf	-Inf	-Inf	**189.91**
	runtime	0.01	0.01	0.16	0.20	0.01	0.04	0.57	0.03	0.17	0.05	5.40	2.64	1.26	0.19	0.34	0.35	51.35	8.42	79.74	7.66	3.37	101.19	92.14	1.52	2.03	8.09	24.16	0.30
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.07 GB	0.10 GB	0.10 GB	1.12 GB	0.10 GB
gm142	value	**147.66**	147.92	**147.66**	**147.66**	147.92	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**147.66**	147.66	147.66	**147.66**	**147.66**	**147.66**	**147.66**	**147.66**	147.60	147.48	**147.66**	-Inf	-Inf	-Inf	**147.66**
	runtime	0.01	0.01	0.14	0.17	0.00	0.03	0.38	0.03	0.14	0.04	2.18	0.91	0.45	0.02	0.20	0.23	55.08	9.72	66.89	6.38	2.78	90.96	78.42	1.02	1.40	7.46	19.73	0.23
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.08 GB	0.08 GB	0.92 GB	0.08 GB
gm143	value	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	**160.29**	160.27	160.26	**160.29**	-Inf	-Inf	-Inf	**160.29**
	runtime	0.01	0.00	0.11	0.12	0.00	0.02	0.33	0.01	0.11	0.03	0.99	0.42	0.13	0.50	0.23	0.23	19.37	11.82	22.11	1.64	1.78	37.75	33.30	0.91	1.18	7.24	25.63	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	1.53 GB	0.07 GB
gm144	value	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**	**163.25**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**163.25**	163.25	163.25	163.25	**163.25**	**163.25**	**163.25**	**163.25**	163.22	163.17	**163.25**	-Inf	-Inf	-Inf	**163.25**
	runtime	0.01	0.00	0.11	0.13	0.00	0.02	0.27	0.02	0.10	0.04	0.84	0.37	0.19	0.05	0.11	0.11	31.03	7.95	37.59	2.10	1.42	38.34	33.30	0.78	1.17	7.21	24.97	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	1.51 GB	0.07 GB
gm145	value	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	**137.30**	137.30	137.28	**137.30**	-Inf	-Inf	-Inf	**137.30**
	runtime	0.01	0.01	0.18	0.22	0.01	0.04	0.80	0.03	0.18	0.05	7.16	4.39	2.57	0.02	0.50	0.51	70.21	10.89	38.72	6.81	2.33	153.42	141.13	2.52	2.23	8.31	27.71	0.39
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.08 GB	0.12 GB	0.12 GB	1.30 GB	0.12 GB
gm146	value	**208.89**	209.09	**208.89**	**208.89**	209.09	208.96	208.96	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	209.28	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**	**208.89**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**208.89**	**208.89**	**208.89**	208.89	**208.89**	208.89	**208.89**	**208.89**	208.81	208.75	**208.89**	-Inf	-Inf	-Inf	**208.89**
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.49	0.01	0.06	0.02	1.56	0.91	1.46	0.02	0.18	0.18	31.49	3.76	30.93	2.47	3.31	31.68	29.19	0.52	0.52	6.53	18.66	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.05 GB	0.05 GB
gm147	value	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**	**162.07**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**162.07**	162.07	162.07	162.07	**162.07**	162.07	**162.07**	**162.07**	162.02	161.91	**162.07**	-Inf	-Inf	-Inf	**162.07**
	runtime	0.01	0.01	0.12	0.14	0.00	0.03	0.42	0.02	0.12	0.04	1.86	0.83	0.41	0.09	0.33	0.32	49.93	5.98	52.34	2.64	3.75	49.37	52.28	0.86	0.91	6.94	29.59	0.23
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.06 GB	0.06 GB	1.68 GB	0.08 GB
gm148	value	**249.53**	250.63	**249.53**	**249.53**	250.63	250.57	249.69	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**	**249.53**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**249.53**	**249.53**	**249.53**	249.53	**249.53**	249.52	**249.53**	**249.53**	249.37	248.72	**249.53**	-Inf	-Inf	-Inf	**249.53**
	runtime	0.01	0.00	0.11	0.12	0.00	0.02	0.42	0.02	0.11	0.04	2.36	1.40	0.91	0.02	0.11	0.11	43.25	9.67	40.36	6.86	3.35	42.73	41.60	0.59	0.79	6.80	23.67	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.13 GB	0.06 GB
gm149	value	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**92.74**	92.74	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	**92.74**	92.74	92.73	**92.74**	-Inf	-Inf	-Inf	**92.74**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.18	0.00	0.04	0.01	0.39	0.18	0.10	0.07	0.22	0.36	5.70	1.80	5.46	0.46	0.25	22.15	20.76	0.46	0.52	6.53	20.29	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.18 GB	0.05 GB
gm15	value	**214.27**	214.47	214.35	214.35	214.47	214.41	214.35	214.35	214.35	214.35	**214.27**	**214.27**	**214.27**	**214.27**	**214.27**	**214.27**	**214.27**	**214.27**	**214.27**	**214.27**	**214.27**	214.35	**214.27**	**214.27**	**214.27**	**214.27**	**214.27**	**214.27**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**214.27**	214.27	214.27	214.27	**214.27**	214.26	**214.27**	**214.27**	214.18	213.89	**214.27**	-Inf	-Inf	-Inf	**214.27**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.16	0.01	0.05	0.02	0.28	0.12	0.13	0.20	0.07	0.07	15.96	8.04	15.26	0.90	3.48	16.15	15.29	0.56	0.28	6.29	6.88	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB
gm150	value	**170.77**	172.42	**170.77**	**170.77**	172.42	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**	170.81	**170.77**	**170.77**	**170.77**	**170.77**	**170.77**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**170.77**	170.77	170.77	170.76	**170.77**	170.75	**170.77**	**170.77**	170.65	170.40	**170.77**	-Inf	-Inf	-Inf	**170.77**
	runtime	0.01	0.00	0.17	0.18	0.00	0.02	0.35	0.04	0.16	0.05	1.53	0.83	1.92	0.28	0.23	0.23	35.26	14.14	33.98	6.23	6.95	34.68	32.29	0.76	0.77	6.79	29.36	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.77 GB	0.07 GB
gm151	value	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	95.10	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	**95.10**	95.05	94.96	**95.10**	-Inf	-Inf	-Inf	**95.10**
	runtime	0.01	0.00	0.08	0.09	0.00	0.02	0.23	0.01	0.08	0.03	2.09	1.88	1.88	0.15	0.10	0.10	34.43	17.89	30.35	2.60	1.69	37.79	35.63	0.55	0.87	6.90	22.21	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.12 GB	0.06 GB
gm152	value	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**	**88.94**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**88.94**	88.94	88.94	88.94	**88.94**	88.94	**88.94**	**88.94**	88.90	88.82	**88.94**	-Inf	-Inf	-Inf	**88.94**
	runtime	0.00	0.00	0.03	0.03	0.00	0.01	0.09	0.01	0.03	0.01	0.31	0.11	0.03	0.01	0.04	0.04	9.58	1.38	9.06	0.29	1.37	9.56	9.19	0.18	0.20	6.20	6.48	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB
gm153	value	**95.52**	97.06	**95.52**	**95.52**	97.06	96.91	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**	**95.52**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**95.52**	95.51	95.52	95.52	**95.52**	**95.52**	**95.52**	**95.52**	95.48	95.40	**95.52**	-Inf	-Inf	-Inf	**95.52**
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.21	0.00	0.02	0.01	0.08	0.03	0.02	0.05	0.26	0.32	2.40	1.53	3.81	0.28	0.21	5.89	5.66	0.09	0.09	6.08	6.24	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm154	value	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	**131.94**	131.94	131.94	**131.94**	-Inf	-Inf	-Inf	**131.94**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.22	0.01	0.04	0.01	0.27	0.11	0.06	0.03	0.19	0.19	2.17	0.93	2.27	0.47	0.14	16.25	15.37	0.34	0.60	6.63	23.33	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.34 GB	0.04 GB
gm155	value	**104.64**	104.64	104.64	104.64	104.64	104.64	**104.64**	104.64	104.64	104.64	**104.64**	104.64	**104.64**	**104.64**	**104.64**	**104.64**	**104.64**	**104.64**	**104.64**	**104.64**	**104.64**	**104.64**	104.68	**104.64**	**104.64**	**104.64**	**104.64**	**104.64**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**104.64**	**104.64**	**104.64**	104.62	**104.64**	104.61	**104.64**	**104.64**	104.46	104.34	**104.64**	-Inf	-Inf	-Inf	**104.64**
	runtime	0.00	0.00	0.12	0.15	0.00	0.02	0.49	0.03	0.14	0.04	3.35	2.27	1.39	0.44	0.17	0.18	54.84	45.28	54.53	11.77	11.81	57.22	54.68	0.64	0.93	6.96	31.64	0.18
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.13 GB	0.07 GB
gm156	value	119.87	119.87	**119.78**	**119.78**	119.87	119.87	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**	**119.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**119.78**	**119.78**	**119.78**	119.78	**119.78**	**119.78**	**119.78**	**119.78**	119.77	119.76	**119.78**	-Inf	-Inf	-Inf	**119.78**
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.22	0.01	0.03	0.01	0.20	0.09	0.05	0.02	0.02	0.02	5.92	1.03	5.11	0.44	0.21	13.59	13.04	0.25	0.28	6.28	10.48	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.31 GB	0.04 GB
gm157	value	**195.72**	196.56	**195.72**	**195.72**	196.56	196.20	196.20	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**	**195.72**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**195.72**	195.72	195.72	195.72	**195.72**	195.72	**195.72**	**195.72**	195.66	195.51	**195.72**	-Inf	-Inf	-Inf	**195.72**
	runtime	0.01	0.00	0.09	0.11	0.00	0.02	0.26	0.02	0.09	0.03	0.62	0.33	2.36	0.10	0.14	0.14	39.90	3.94	40.46	2.16	2.19	39.65	39.49	1.26	1.09	7.14	22.12	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.06 GB	0.06 GB	1.31 GB	0.08 GB
gm158	value	**186.66**	186.69	**186.66**	**186.66**	186.69	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	186.66	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**	**186.66**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	186.63	186.66	186.66	186.66	**186.66**	186.66	**186.66**	**186.66**	186.62	186.53	**186.66**	-Inf	-Inf	-Inf	**186.66**
	runtime	0.01	0.01	0.13	0.15	0.00	0.03	0.31	0.03	0.13	0.05	2.07	0.99	0.39	0.97	0.50	0.95	61.24	55.18	61.95	5.03	4.23	60.65	59.88	0.91	1.11	7.14	28.23	0.22
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	1.75 GB	0.08 GB
gm159	value	**172.89**	174.20	**172.89**	**172.89**	174.20	174.13	174.13	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**	**172.89**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**172.89**	172.89	172.89	172.89	**172.89**	172.89	**172.89**	**172.89**	172.86	172.63	**172.89**	-Inf	-Inf	-Inf	**172.89**
	runtime	0.00	0.00	0.04	0.04	0.00	0.01	0.16	0.01	0.04	0.01	0.29	0.12	0.05	0.03	0.36	0.38	10.91	2.21	10.29	0.50	0.45	10.93	10.31	0.26	0.22	6.22	7.78	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.11 GB	0.04 GB
gm16	value	**123.69**	126.14	**123.69**	**123.69**	126.14	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**	**123.69**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**123.69**	123.69	123.69	123.69	**123.69**	123.69	**123.69**	**123.69**	123.68	123.57	**123.69**	-Inf	-Inf	-Inf	**123.69**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.19	0.01	0.05	0.02	0.20	0.08	0.04	0.16	0.08	0.08	3.98	4.86	4.76	0.75	0.38	10.91	10.36	0.27	0.26	6.27	6.71	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB
gm160	value	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**	**146.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**146.78**	**146.78**	**146.78**	146.78	**146.78**	146.78	**146.78**	**146.78**	146.78	146.75	**146.78**	-Inf	-Inf	-Inf	**146.78**
	runtime	0.01	0.00	0.08	0.09	0.00	0.02	0.33	0.01	0.08	0.03	1.11	0.47	0.22	0.24	0.09	0.09	9.58	17.43	11.78	2.44	1.34	39.01	42.42	0.83	0.76	6.79	19.50	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	0.99 GB	0.07 GB
gm161	value	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**	**264.68**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**264.68**	264.68	264.68	264.68	**264.68**	264.68	**264.68**	**264.68**	264.63	264.54	**264.68**	-Inf	-Inf	-Inf	**264.68**
	runtime	0.01	0.01	0.10	0.12	0.00	0.02	0.36	0.02	0.10	0.03	1.45	0.52	0.25	0.04	0.46	0.46	45.84	12.92	44.55	3.88	3.56	45.75	45.11	0.87	0.94	6.98	20.72	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.05 GB	0.07 GB
gm162	value	**137.28**	137.31	**137.28**	**137.28**	137.31	137.31	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**	**137.28**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**137.28**	137.28	**137.28**	137.28	**137.28**	**137.28**	**137.28**	**137.28**	137.25	137.07	**137.28**	-Inf	-Inf	-Inf	**137.28**
	runtime	0.00	0.00	0.06	0.08	0.00	0.02	0.28	0.01	0.06	0.02	0.86	0.36	0.20	0.01	0.11	0.11	10.50	7.46	11.17	2.95	0.97	34.62	32.48	0.52	0.57	6.59	29.69	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.92 GB	0.06 GB
gm163	value	**252.76**	253.08	**252.76**	**252.76**	253.08	253.08	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**	**252.76**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**252.76**	**252.76**	**252.76**	252.76	**252.76**	**252.76**	**252.76**	**252.76**	252.75	252.65	**252.76**	-Inf	-Inf	-Inf	**252.76**
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.28	0.01	0.06	0.02	0.90	0.39	0.18	0.03	0.28	0.28	21.27	2.12	16.71	1.67	1.34	26.54	25.62	0.62	0.46	6.47	27.83	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.60 GB	0.05 GB
gm164	value	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	250.26	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**250.21**	250.21	250.21	**250.21**	**250.21**	**250.21**	**250.21**	**250.21**	250.12	250.01	**250.21**	-Inf	-Inf	-Inf	**250.21**
	runtime	0.01	0.01	0.10	0.13	0.00	0.03	0.75	0.02	0.11	0.03	1.39	0.69	0.47	0.03	0.40	0.43	33.34	6.23	31.76	3.00	2.14	50.39	56.12	1.03	0.98	7.03	39.18	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.96 GB	0.08 GB
gm165	value	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	**88.33**	88.32	88.29	**88.33**	-Inf	-Inf	-Inf	**88.33**
	runtime	0.01	0.00	0.08	0.09	0.00	0.02	0.23	0.01	0.08	0.02	0.98	0.39	0.17	0.01	0.13	0.13	8.89	2.72	16.21	1.06	0.44	32.64	32.20	0.46	1.10	7.13	22.61	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.06 GB	0.06 GB	1.12 GB	0.06 GB
gm166	value	**184.37**	185.51	**184.37**	**184.37**	185.51	184.97	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**	**184.37**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**184.37**	184.37	184.37	184.37	**184.37**	184.37	**184.37**	**184.37**	184.32	184.20	**184.37**	-Inf	-Inf	-Inf	**184.37**
	runtime	0.01	0.01	0.15	0.17	0.01	0.03	0.36	0.02	0.15	0.05	1.84	0.90	0.38	0.28	0.36	0.41	80.65	25.25	77.80	6.97	4.91	76.54	78.60	1.60	2.60	8.71	23.69	0.28
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.06 GB	0.11 GB	0.11 GB	1.19 GB	0.10 GB
gm167	value	**171.52**	171.77	171.77	171.77	171.77	171.77	**171.52**	171.77	171.77	171.77	171.77	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	**171.52**	171.47	171.42	**171.52**	-Inf	-Inf	-Inf	**171.52**
	runtime	0.00	0.00	0.08	0.10	0.00	0.02	0.31	0.01	0.09	0.02	0.97	0.40	0.17	0.02	0.27	0.07	13.12	3.36	19.36	2.10	0.90	38.05	35.67	0.39	0.50	6.52	20.04	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	1.04 GB	0.06 GB
gm168	value	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	**223.05**	223.05	223.05	**223.05**	-Inf	-Inf	-Inf	**223.05**
	runtime	0.01	0.00	0.06	0.08	0.00	0.02	0.68	0.01	0.06	0.02	0.51	0.21	0.09	0.05	0.16	0.17	3.28	4.53	4.38	0.79	0.30	31.71	33.72	0.82	0.60	6.63	10.91	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	0.33 GB	0.06 GB
gm169	value	**177.03**	177.30	**177.03**	**177.03**	177.30	177.22	177.22	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**	177.06	**177.03**	**177.03**	**177.03**	**177.03**	**177.03**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**177.03**	**177.03**	**177.03**	177.00	**177.03**	176.96	**177.03**	**177.03**	176.75	176.27	**177.03**	-Inf	-Inf	-Inf	**177.03**
	runtime	0.01	0.01	0.30	0.33	0.01	0.04	0.67	0.06	0.30	0.10	6.44	4.07	2.08	0.03	0.34	0.35	126.70	26.26	119.05	40.11	21.82	129.09	120.43	2.38	1.89	7.91	31.52	0.38
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.03 GB	0.08 GB	0.08 GB	0.08 GB	1.61 GB	0.12 GB
gm17	value	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**	**41.97**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**41.97**	**41.97**	**41.97**	41.97	**41.97**	41.97	**41.97**	**41.97**	41.86	41.62	**41.97**	-Inf	-Inf	-Inf	**41.97**
	runtime	0.00	0.00	0.02	0.02	0.00	0.00	0.05	0.00	0.02	0.01	0.03	0.01	0.01	0.01	0.03	0.03	7.03	1.80	6.67	0.21	0.89	6.98	6.63	0.10	0.20	6.21	6.60	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB
gm170	value	**190.47**	190.56	**190.47**	**190.47**	190.56	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	**190.47**	190.46	190.46	**190.47**	-Inf	-Inf	-Inf	**190.47**
	runtime	0.01	0.01	0.16	0.19	0.00	0.03	0.35	0.02	0.16	0.05	2.27	1.01	0.46	0.04	0.10	0.11	40.55	15.88	25.38	3.45	1.10	84.66	81.13	1.54	1.39	7.44	33.36	0.27
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.08 GB	0.08 GB	1.91 GB	0.10 GB
gm171	value	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**	**167.91**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**167.91**	167.91	167.91	167.91	**167.91**	167.91	**167.91**	**167.91**	167.88	167.86	**167.91**	-Inf	-Inf	-Inf	**167.91**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.33	0.01	0.04	0.01	0.36	0.15	0.05	0.04	0.06	0.06	20.20	3.60	19.18	0.70	1.15	20.21	19.26	0.30	0.30	6.30	7.58	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.08 GB	0.05 GB
gm172	value	**80.08**	81.38	**80.08**	**80.08**	81.38	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**	**80.08**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**80.37**	80.08	80.08	80.08	**80.08**	80.08	**80.08**	**80.08**	80.05	80.02	80.08	-Inf	-Inf	-Inf	80.08
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.19	0.01	0.04	0.01	0.30	0.13	0.09	0.37	0.03	0.02	5.42	14.62	4.96	0.68	0.52	15.09	14.02	0.24	0.29	6.30	8.36	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.15 GB	0.04 GB
gm173	value	**100.56**	100.68	**100.56**	**100.56**	100.68	100.68	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**	**100.56**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**100.56**	100.56	100.56	100.56	**100.56**	100.56	**100.56**	**100.56**	100.44	100.34	**100.56**	-Inf	-Inf	-Inf	**100.56**
	runtime	0.00	0.00	0.03	0.03	0.00	0.01	0.16	0.00	0.03	0.01	0.13	0.05	0.03	0.02	0.11	0.12	10.65	1.43	10.35	0.78	0.64	10.88	10.29	0.16	0.09	6.10	6.24	0.05
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm174	value	**256.08**	257.00	**256.08**	**256.08**	257.00	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	**256.08**	256.05	255.87	**256.08**	-Inf	-Inf	-Inf	**256.08**
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.49	0.02	0.07	0.02	0.62	0.30	0.13	0.26	0.07	0.06	11.97	15.79	10.99	2.21	0.98	31.17	30.66	0.45	0.41	6.41	12.07	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.39 GB	0.05 GB
gm175	value	**208.04**	212.83	208.05	208.05	212.83	208.18	208.05	208.05	208.05	208.05	208.05	208.05	208.05	**208.04**	208.19	208.28	**208.04**	**208.04**	**208.04**	**208.04**	**208.04**	**208.04**	208.07	**208.04**	**208.04**	**208.04**	**208.04**	**208.04**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	207.98	208.04	208.04	208.04	**208.04**	208.04	**208.04**	**208.04**	207.90	207.55	**208.04**	-Inf	-Inf	-Inf	**208.04**
	runtime	0.01	0.00	0.11	0.12	0.00	0.02	0.25	0.02	0.10	0.04	1.65	0.70	0.33	0.69	0.27	0.64	52.47	51.49	56.26	11.44	14.88	55.51	58.77	0.80	0.98	6.99	22.60	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.06 GB	0.06 GB	1.24 GB	0.07 GB

geo-surf-3		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm176	value	**138.87**	139.49	**138.87**	**138.87**	139.49	139.49	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	138.80	138.62	**138.87**	-Inf	-Inf	-Inf	**138.87**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.92	0.01	0.04	0.01	0.64	0.28	0.14	0.01	0.29	0.29	11.79	1.66	14.99	1.13	0.91	22.62	22.15	0.25	0.25	6.26	6.74	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.02 GB	0.02 GB	0.04 GB
gm177	value	**288.46**	289.19	**288.46**	**288.46**	289.19	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**	**288.46**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**288.46**	288.46	288.46	288.46	**288.46**	**288.46**	**288.46**	**288.46**	288.35	288.06	**288.46**	-Inf	-Inf	-Inf	**288.46**
	runtime	0.01	0.01	0.26	0.29	0.01	0.05	1.06	0.05	0.25	0.09	7.22	7.21	5.99	0.08	0.29	0.29	173.53	26.33	177.78	35.63	8.62	173.95	175.51	2.11	2.07	8.13	28.39	0.32
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.04 GB	0.03 GB	0.05 GB	0.03 GB	0.05 GB	0.03 GB	0.07 GB	0.11 GB	0.11 GB	1.26 GB	0.11 GB
gm178	value	**175.12**	175.24	**175.12**	**175.12**	175.24	175.18	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**	**175.12**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**175.12**	**175.12**	**175.12**	175.12	**175.12**	175.11	**175.12**	**175.12**	175.02	174.76	**175.12**	-Inf	-Inf	-Inf	**175.12**
	runtime	0.01	0.01	0.17	0.19	0.00	0.03	0.33	0.03	0.17	0.05	3.97	1.96	1.12	0.02	0.12	0.12	70.28	13.48	67.08	4.51	2.77	69.60	70.01	1.62	1.89	7.95	24.70	0.26
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.06 GB	0.12 GB	0.12 GB	1.39 GB	0.09 GB
gm179	value	**191.95**	192.01	**191.95**	**191.95**	192.01	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**	**191.95**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	191.78	**191.95**	**191.95**	191.95	191.95	191.95	**191.95**	**191.95**	191.89	191.80	**191.95**	-Inf	-Inf	-Inf	**191.95**
	runtime	0.01	0.01	0.12	0.14	0.00	0.03	0.33	0.02	0.12	0.03	2.11	0.93	0.36	0.98	0.14	0.14	61.16	56.89	57.69	4.52	2.65	58.41	60.73	1.09	0.96	6.98	30.00	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	2.03 GB	0.08 GB
gm18	value	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**23.71**	**23.71**	**23.71**	23.71	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	**23.71**	-Inf	-Inf	-Inf	**23.71**
	runtime	0.00	0.00	0.08	0.10	0.00	0.02	0.43	0.01	0.08	0.02	1.59	0.68	0.36	0.01	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.47	0.87	6.90	31.67	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.51 GB	0.06 GB
gm180	value	**246.21**	246.80	**246.21**	**246.21**	246.80	246.60	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**	**246.21**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**246.21**	**246.21**	**246.21**	246.21	**246.21**	246.21	**246.21**	**246.21**	246.13	246.08	**246.21**	-Inf	-Inf	-Inf	**246.21**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.30	0.01	0.04	0.01	0.37	0.17	0.09	0.02	0.03	0.04	18.93	3.55	18.01	1.41	0.55	19.13	18.02	0.34	0.22	6.23	6.93	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB
gm181	value	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**	**126.92**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**126.92**	126.92	126.92	126.92	**126.92**	126.92	**126.92**	**126.92**	126.87	126.84	**126.92**	-Inf	-Inf	-Inf	**126.92**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.28	0.01	0.04	0.01	0.49	0.23	0.11	0.16	0.23	0.24	27.74	20.92	26.78	1.62	2.17	27.29	26.33	0.25	0.31	6.32	7.81	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.09 GB	0.04 GB
gm182	value	**151.98**	152.49	152.00	**151.98**	152.49	152.06	**151.98**	152.00	152.00	152.00	152.00	152.00	152.53	**151.98**	**151.98**	**151.98**	**151.98**	**151.98**	**151.98**	**151.98**	**151.98**	**151.98**	152.06	**151.98**	**151.98**	**151.98**	**151.98**	**151.98**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**151.98**	151.98	151.98	151.98	**151.98**	151.98	**151.98**	**151.98**	151.84	151.54	**151.98**	-Inf	-Inf	-Inf	**151.98**
	runtime	0.01	0.01	0.27	0.29	0.01	0.04	0.52	0.04	0.26	0.07	1.40	0.64	3.66	0.73	0.66	0.72	73.93	19.15	71.28	8.05	5.42	74.57	71.74	1.19	1.95	7.99	23.27	0.28
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.10 GB	0.10 GB	1.15 GB	0.10 GB
gm183	value	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**	**156.87**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**156.87**	**156.87**	**156.87**	156.87	**156.87**	**156.87**	**156.87**	**156.87**	156.84	156.82	**156.87**	-Inf	-Inf	-Inf	**156.87**
	runtime	0.01	0.00	0.09	0.10	0.00	0.02	0.50	0.01	0.09	0.03	2.59	1.36	0.71	0.06	0.15	0.16	33.63	19.99	24.85	2.68	1.82	48.67	46.95	0.62	0.51	6.52	25.98	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	1.06 GB	0.06 GB
gm184	value	**67.79**	67.97	**67.79**	**67.79**	67.97	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**67.79**	67.79	67.79	**67.79**	**67.79**	**67.79**	**67.79**	**67.79**	67.79	67.79	**67.79**	-Inf	-Inf	-Inf	**67.79**
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.14	0.00	0.02	0.01	0.29	0.12	0.42	0.10	0.03	0.08	1.10	6.02	0.99	0.19	0.10	6.50	6.16	0.05	0.04	6.04	6.10	0.03
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB
gm185	value	**116.82**	120.80	**116.82**	**116.82**	120.80	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**116.82**	116.82	116.82	**116.82**	**116.82**	**116.82**	**116.82**	**116.82**	116.82	116.82	**116.82**	-Inf	-Inf	-Inf	**116.82**
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.22	0.01	0.03	0.01	0.28	0.12	0.07	0.03	0.74	0.79	3.71	2.47	3.84	0.57	0.43	18.29	17.48	0.33	0.48	6.49	26.77	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.68 GB	0.04 GB
gm186	value	**311.30**	312.36	311.37	311.37	312.36	311.74	**311.30**	311.37	311.37	311.37	311.32	311.46	311.60	**311.30**	**311.30**	**311.30**	**311.30**	**311.30**	**311.30**	**311.30**	**311.30**	**311.30**	**311.30**	**311.30**	311.31	311.31	**311.30**	**311.30**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**311.30**	311.30	311.30	311.29	**311.30**	311.28	**311.30**	**311.30**	311.07	310.59	**311.30**	-Inf	-Inf	-Inf	**311.30**
	runtime	0.01	0.01	0.17	0.19	0.01	0.03	0.36	0.03	0.17	0.06	3.47	3.81	2.92	0.30	0.28	0.29	57.06	17.95	55.80	7.40	6.24	58.27	55.77	1.17	1.15	7.18	33.35	0.24
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.06 GB	0.07 GB	0.07 GB	1.94 GB	0.09 GB
gm187	value	**159.38**	160.19	**159.38**	**159.38**	160.19	160.09	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**	**159.38**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**159.38**	**159.38**	**159.38**	159.38	**159.38**	**159.38**	**159.38**	**159.38**	159.36	159.29	**159.38**	-Inf	-Inf	-Inf	**159.38**
	runtime	0.01	0.01	0.13	0.15	0.00	0.03	0.33	0.02	0.13	0.04	0.95	0.40	0.18	0.01	0.11	0.11	20.65	6.81	51.16	3.12	1.54	63.06	62.21	0.92	1.35	7.39	28.04	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	1.84 GB	0.08 GB
gm188	value	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**	**70.54**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**70.54**	**70.54**	**70.54**	70.54	**70.54**	**70.54**	**70.54**	**70.54**	70.54	70.53	**70.54**	-Inf	-Inf	-Inf	**70.54**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.07	0.00	0.01	0.01	0.16	0.07	0.04	0.00	0.01	0.01	1.54	0.33	1.46	0.10	0.07	6.91	6.69	0.06	0.06	6.06	6.17	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB
gm189	value	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**	**99.98**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**99.98**	**99.98**	**99.98**	99.98	**99.98**	99.98	**99.98**	**99.98**	99.96	99.88	**99.98**	-Inf	-Inf	-Inf	**99.98**
	runtime	0.00	0.00	0.08	0.10	0.00	0.02	0.27	0.01	0.08	0.03	0.78	0.37	0.17	0.14	0.10	0.10	20.95	9.48	31.15	1.90	1.77	30.52	31.31	0.67	0.86	6.89	27.79	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.47 GB	0.07 GB
gm19	value	**320.69**	320.90	**320.69**	**320.69**	320.90	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**	320.71	**320.69**	**320.69**	**320.69**	**320.69**	**320.69**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**320.69**	**320.69**	**320.69**	320.69	**320.69**	320.69	**320.69**	**320.69**	320.60	320.40	**320.69**	-Inf	-Inf	-Inf	**320.69**
	runtime	0.01	0.01	0.15	0.17	0.01	0.03	0.50	0.03	0.15	0.06	1.73	0.74	6.29	0.31	0.16	0.16	65.30	11.08	63.54	5.44	6.86	67.17	63.79	1.65	1.63	7.67	22.24	0.26
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.06 GB	0.09 GB	0.09 GB	1.15 GB	0.09 GB
gm190	value	**146.57**	146.91	**146.57**	**146.57**	146.91	146.91	146.91	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**	**146.57**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	146.52	**146.57**	**146.57**	**146.57**	146.57	**146.57**	**146.57**	**146.57**	146.49	146.31	**146.57**	-Inf	-Inf	-Inf	**146.57**
	runtime	0.01	0.01	0.15	0.17	0.01	0.03	0.36	0.02	0.14	0.05	3.33	1.51	3.67	1.41	0.34	0.36	32.62	105.68	49.05	8.29	5.05	107.89	100.79	2.26	2.19	8.29	26.54	0.30
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.07 GB	0.13 GB	0.13 GB	1.47 GB	0.11 GB
gm191	value	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	**22.85**	22.84	22.83	**22.85**	-Inf	-Inf	-Inf	**22.85**
	runtime	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.02	0.01	0.01	0.00	0.01	0.01	0.67	0.08	0.89	0.03	0.09	1.59	1.56	0.02	0.01	6.01	6.03	0.01
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.02 GB
gm192	value	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	**48.23**	48.18	48.06	**48.23**	-Inf	-Inf	-Inf	**48.23**
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.03	0.00	0.01	0.00	0.06	0.02	0.02	0.01	0.01	0.02	1.95	0.58	2.62	0.13	0.09	3.46	3.41	0.03	0.02	6.02	6.09	0.02
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.00 GB	0.01 GB	0.01 GB	0.02 GB
gm193	value	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**	**104.40**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**104.40**	**104.40**	**104.40**	104.40	**104.40**	**104.40**	**104.40**	**104.40**	104.39	104.38	**104.40**	-Inf	-Inf	-Inf	**104.40**
	runtime	0.01	0.00	0.10	0.12	0.00	0.03	0.63	0.02	0.10	0.03	1.99	0.85	0.48	0.13	0.12	0.13	11.32	23.89	14.76	3.52	1.31	61.39	60.22	0.90	1.05	7.08	27.34	0.18
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.05 GB	0.06 GB	0.06 GB	1.34 GB	0.07 GB
gm194	value	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	**38.87**	38.86	38.86	**38.87**	-Inf	-Inf	-Inf	**38.87**
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.05	0.00	0.01	0.00	0.07	0.03	0.02	0.00	0.01	0.01	2.54	0.17	2.15	0.08	0.07	6.30	5.99	0.06	0.08	6.08	6.23	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm195	value	**142.01**	142.31	142.29	142.29	142.31	142.29	142.29	142.29	142.29	142.29	142.29	142.29	142.29	**142.01**	**142.01**	**142.01**	**142.01**	**142.01**	**142.01**	**142.01**	**142.01**	**142.01**	142.03	**142.01**	**142.01**	**142.01**	**142.01**	**142.01**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**142.01**	**142.01**	**142.01**	**142.01**	**142.01**	**142.01**	**142.01**	**142.01**	141.99	141.84	**142.01**	-Inf	-Inf	-Inf	**142.01**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.27	0.01	0.04	0.01	0.39	0.17	0.10	0.02	0.10	0.11	3.50	2.05	7.48	0.84	0.54	16.53	15.64	0.31	0.16	6.16	6.45	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB
gm196	value	**45.25**	45.30	**45.25**	**45.25**	45.30	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**45.25**	45.25	45.25	**45.25**	**45.25**	**45.25**	**45.25**	**45.25**	45.24	45.23	**45.25**	-Inf	-Inf	-Inf	**45.25**
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.02	0.01	0.00	0.00	0.01	0.00	0.46	0.19	1.11	0.03	0.02	2.01	1.95	0.02	0.01	6.01	6.05	0.02
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.02 GB
gm197	value	**93.38**	93.87	**93.38**	**93.38**	93.87	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	**93.38**	93.38	93.38	**93.38**	-Inf	-Inf	-Inf	**93.38**
	runtime	0.00	0.00	0.03	0.03	0.00	0.01	0.10	0.00	0.02	0.01	0.27	0.12	0.06	0.02	0.02	0.02	2.50	0.80	2.63	0.30	0.13	12.98	12.48	0.27	0.27	6.28	9.11	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.02 GB	0.24 GB	0.04 GB
gm198	value	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**	**114.09**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**114.09**	**114.09**	**114.09**	114.09	**114.09**	**114.09**	**114.09**	**114.09**	114.08	114.05	**114.09**	-Inf	-Inf	-Inf	**114.09**
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.06	0.00	0.02	0.01	0.21	0.09	0.03	0.01	0.02	0.02	1.88	0.36	2.05	0.16	0.12	6.99	6.70	0.18	0.23	6.24	9.26	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.23 GB	0.03 GB
gm199	value	**95.66**	98.89	**95.66**	**95.66**	98.89	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	**95.66**	95.64	95.62	**95.66**	-Inf	-Inf	-Inf	**95.66**
	runtime	0.00	0.00	0.06	0.08	0.00	0.02	0.31	0.01	0.06	0.02	0.90	0.42	0.15	0.01	0.07	0.07	11.90	2.55	17.81	1.12	0.45	37.11	34.42	0.38	0.59	6.61	28.00	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.86 GB	0.06 GB
gm2	value	**88.43**	89.61	**88.43**	**88.43**	89.61	89.40	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**	88.46	**88.43**	**88.43**	**88.43**	**88.43**	**88.43**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**88.43**	88.43	88.43	88.43	**88.43**	88.43	**88.43**	**88.43**	88.34	88.27	**88.43**	-Inf	-Inf	-Inf	**88.43**
	runtime	0.01	0.01	0.16	0.18	0.00	0.02	0.38	0.03	0.15	0.05	2.58	1.00	0.41	0.05	0.12	0.12	54.84	14.93	53.60	9.84	3.00	54.78	53.09	1.05	1.32	7.32	27.22	0.19
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	1.67 GB	0.08 GB
gm20	value	**110.18**	110.73	**110.18**	**110.18**	110.73	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**	**110.18**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**110.18**	**110.18**	**110.18**	110.18	**110.18**	**110.18**	**110.18**	**110.18**	110.18	110.15	**110.18**	-Inf	-Inf	-Inf	**110.18**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.09	0.00	0.02	0.01	0.28	0.12	0.04	0.08	0.07	0.07	5.39	3.57	8.17	0.48	0.25	14.67	13.90	0.24	0.22	6.23	7.17	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.04 GB
gm200	value	**264.25**	267.78	**264.25**	**264.25**	267.78	**264.25**	**264.25**	**264.25**	**264.25**	**264.25**	**264.25**	**264.25**	**264.25**	**264.25**	264.64	**264.25**	**264.25**	**264.25**	**264.25**	**264.25**	**264.25**	264.26	264.41	**264.25**	**264.25**	**264.25**	**264.25**	**264.25**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**264.25**	264.25	264.25	264.23	**264.25**	264.21	**264.25**	**264.25**	264.11	263.76	**264.25**	-Inf	-Inf	-Inf	**264.25**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.16	0.01	0.04	0.01	0.55	0.23	0.11	0.19	0.23	0.46	16.70	5.91	15.70	2.75	4.26	16.58	15.78	0.38	0.33	6.34	30.86	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.83 GB	0.04 GB
gm201	value	**138.86**	139.02	**138.86**	**138.86**	139.02	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**	**138.86**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**138.86**	**138.86**	**138.86**	138.86	**138.86**	138.86	**138.86**	**138.86**	138.82	138.77	**138.86**	-Inf	-Inf	-Inf	**138.86**
	runtime	0.00	0.00	0.04	0.04	0.00	0.01	0.10	0.01	0.04	0.01	0.28	0.11	0.08	0.01	0.05	0.05	16.75	1.94	15.94	0.88	0.98	16.83	16.00	0.24	0.31	6.32	10.68	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.35 GB	0.04 GB
gm202	value	**142.23**	145.11	142.26	142.26	145.11	142.26	142.26	142.26	142.26	142.26	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	**142.23**	142.23	142.23	**142.23**	-Inf	-Inf	-Inf	**142.23**
	runtime	0.01	0.00	0.11	0.12	0.00	0.02	0.32	0.02	0.10	0.03	1.40	0.56	1.82	0.11	0.08	0.08	4.53	8.80	6.29	2.06	1.04	27.62	35.12	0.61	0.65	6.67	18.69	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.99 GB	0.06 GB
gm203	value	**52.28**	52.75	**52.28**	**52.28**	52.75	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**52.28**	52.28	52.28	**52.28**	**52.28**	**52.28**	**52.28**	**52.28**	52.27	52.26	**52.28**	-Inf	-Inf	-Inf	**52.28**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.06	0.00	0.01	0.00	0.05	0.02	0.01	0.01	0.04	0.04	1.06	0.11	1.26	0.08	0.06	5.14	5.00	0.05	0.04	6.04	6.21	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB
gm204	value	**167.02**	169.19	**167.02**	**167.02**	169.19	169.19	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**	**167.02**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**167.02**	167.02	167.02	**167.02**	167.02	**167.02**	**167.02**	**167.02**	166.96	166.86	**167.02**	-Inf	-Inf	-Inf	**167.02**
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.13	0.01	0.03	0.01	0.15	0.07	0.04	0.32	0.04	0.04	7.18	11.35	7.72	0.42	0.50	10.95	10.76	0.30	0.25	6.26	6.63	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB
gm205	value	**184.96**	185.29	**184.96**	**184.96**	185.29	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**	**184.96**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**184.96**	**184.96**	**184.96**	184.96	**184.96**	184.96	**184.96**	**184.96**	184.92	184.83	**184.96**	-Inf	-Inf	-Inf	**184.96**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.20	0.01	0.05	0.02	0.37	0.16	0.07	0.01	0.09	0.09	16.40	1.17	15.39	0.71	1.84	15.79	15.35	0.36	0.51	6.53	7.35	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.03 GB	0.06 GB	0.05 GB
gm206	value	**118.64**	120.81	118.68	118.68	120.81	119.04	**118.64**	118.68	118.68	118.68	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**	**118.64**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**118.64**	**118.64**	**118.64**	118.63	**118.64**	118.61	**118.64**	**118.64**	118.52	118.26	**118.64**	-Inf	-Inf	-Inf	**118.64**
	runtime	0.00	0.01	0.10	0.12	0.00	0.02	0.25	0.02	0.10	0.03	0.52	0.23	2.19	0.27	0.15	0.16	31.07	19.33	33.90	2.31	4.38	30.81	33.39	0.70	1.20	7.23	28.05	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.08 GB	0.08 GB	1.83 GB	0.07 GB
gm207	value	**109.68**	111.03	**109.68**	**109.68**	111.03	110.23	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**	**109.68**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**109.68**	**109.68**	**109.68**	109.68	**109.68**	**109.68**	**109.68**	**109.68**	109.65	109.60	**109.68**	-Inf	-Inf	-Inf	**109.68**
	runtime	0.00	0.00	0.11	0.12	0.00	0.02	0.21	0.02	0.11	0.04	0.70	0.31	0.14	0.05	0.09	0.09	21.85	4.06	24.71	1.36	1.15	35.81	39.20	0.80	1.29	7.34	30.09	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.08 GB	0.08 GB	1.93 GB	0.07 GB
gm208	value	**82.41**	82.54	**82.41**	**82.41**	82.54	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**82.41**	82.41	82.41	**82.41**	**82.41**	**82.41**	**82.41**	**82.41**	82.41	82.40	**82.41**	-Inf	-Inf	-Inf	**82.41**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.16	0.01	0.05	0.02	0.47	0.21	0.11	0.03	0.14	0.15	19.70	2.49	17.47	0.89	0.51	28.13	27.41	0.56	0.70	6.73	31.10	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.96 GB	0.05 GB
gm209	value	**161.15**	163.11	**161.15**	**161.15**	163.11	161.36	161.36	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**	**161.15**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**161.15**	161.15	161.15	161.15	**161.15**	**161.15**	**161.15**	**161.15**	161.11	161.01	**161.15**	-Inf	-Inf	-Inf	**161.15**
	runtime	0.00	0.00	0.07	0.08	0.00	0.01	0.14	0.02	0.07	0.02	0.36	0.18	0.07	0.16	0.07	0.06	10.90	5.46	12.10	1.26	0.70	19.49	18.35	0.45	0.57	6.59	25.50	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.63 GB	0.05 GB
gm21	value	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	**109.81**	109.81	109.81	**109.81**	-Inf	-Inf	-Inf	**109.81**
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.22	0.01	0.03	0.01	0.29	0.12	0.05	0.03	0.02	0.03	2.20	0.82	2.45	0.36	0.09	12.29	11.56	0.21	0.28	6.29	28.89	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	1.81 GB	0.04 GB
gm210	value	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	**192.00**	191.99	191.99	**192.00**	-Inf	-Inf	-Inf	**192.00**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.14	0.01	0.04	0.01	0.32	0.14	0.07	0.06	0.03	0.03	5.96	3.71	5.83	0.48	0.27	24.24	22.93	0.65	0.51	6.52	20.98	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	1.26 GB	0.05 GB
gm211	value	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**177.20**	177.20	177.20	**177.20**	**177.20**	**177.20**	**177.20**	**177.20**	177.20	177.20	**177.20**	-Inf	-Inf	-Inf	**177.20**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.31	0.01	0.05	0.02	1.07	0.45	0.26	0.01	0.49	0.51	7.28	3.69	6.89	4.30	1.09	37.70	36.09	0.46	0.59	6.60	24.58	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.45 GB	0.05 GB
gm212	value	**138.83**	138.93	138.93	**138.83**	138.93	**138.83**	**138.83**	138.93	138.93	138.93	**138.83**	138.93	138.93	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**138.83**	**138.83**	**138.83**	**138.83**	**138.83**	138.83	**138.83**	**138.83**	138.79	138.70	**138.83**	-Inf	-Inf	-Inf	**138.83**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.16	0.01	0.05	0.02	0.46	0.20	0.11	0.03	0.07	0.06	17.28	3.24	19.34	0.78	1.04	20.44	19.05	0.62	0.56	6.57	30.30	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	2.00 GB	0.05 GB
gm213	value	**104.63**	104.71	**104.63**	**104.63**	104.71	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	**104.63**	104.63	104.63	**104.63**	-Inf	-Inf	-Inf	**104.63**
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.14	0.00	0.01	0.01	0.04	0.02	0.01	0.00	0.02	0.02	1.15	0.31	1.33	0.09	0.09	6.24	6.05	0.13	0.06	6.06	6.22	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm214	value	**161.09**	161.50	**161.09**	**161.09**	161.50	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**161.09**	**161.09**	**161.09**	**161.09**	**161.09**	161.09	**161.09**	**161.09**	161.05	160.98	**161.09**	-Inf	-Inf	-Inf	**161.09**
	runtime	0.01	0.01	0.11	0.13	0.00	0.02	0.29	0.02	0.11	0.03	1.65	0.79	0.32	0.14	0.17	0.19	52.42	20.72	63.31	5.66	4.85	61.39	60.31	1.02	1.34	7.37	20.38	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.02 GB	0.05 GB	0.09 GB	0.09 GB	1.01 GB	0.08 GB
gm215	value	**107.45**	107.73	**107.45**	**107.45**	107.73	107.53	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**	**107.45**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**107.45**	**107.45**	**107.45**	107.45	**107.45**	107.45	**107.45**	**107.45**	107.37	107.30	**107.45**	-Inf	-Inf	-Inf	**107.45**
	runtime	0.00	0.00	0.08	0.09	0.00	0.02	0.17	0.01	0.08	0.03	0.55	0.26	0.09	0.02	0.15	0.16	25.20	3.57	26.61	1.11	1.27	24.42	26.68	0.66	0.90	6.92	23.77	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.06 GB	0.06 GB	1.48 GB	0.06 GB
gm216	value	**186.73**	186.82	**186.73**	**186.73**	186.82	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	186.74	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	**186.73**	186.72	186.55	**186.73**	-Inf	-Inf	-Inf	**186.73**
	runtime	0.00	0.00	0.07	0.07	0.00	0.01	0.15	0.02	0.06	0.02	1.01	0.43	0.13	0.05	0.07	0.07	11.39	6.15	8.04	1.63	0.90	26.18	24.97	0.46	0.60	6.61	25.65	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	1.60 GB	0.05 GB
gm217	value	**118.74**	127.64	**118.74**	**118.74**	127.64	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**	**118.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**118.74**	**118.74**	**118.74**	118.74	**118.74**	118.74	**118.74**	**118.74**	118.68	118.57	**118.74**	-Inf	-Inf	-Inf	**118.74**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.15	0.01	0.04	0.01	0.37	0.17	0.08	0.09	0.04	0.04	17.59	6.52	16.47	0.87	1.59	17.10	16.42	0.22	0.31	6.32	8.76	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.18 GB	0.04 GB
gm218	value	**140.53**	141.22	140.94	140.94	141.22	141.22	**140.53**	140.94	140.94	140.94	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**	**140.53**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**140.53**	140.53	140.53	140.53	**140.53**	140.53	**140.53**	**140.53**	140.47	140.34	**140.53**	-Inf	-Inf	-Inf	**140.53**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.19	0.01	0.04	0.01	0.21	0.10	0.06	0.02	0.15	0.16	10.61	0.91	10.06	0.44	0.66	10.49	10.10	0.33	0.26	6.26	6.66	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB
gm219	value	**132.60**	132.75	**132.60**	**132.60**	132.75	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**	**132.60**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**132.60**	**132.60**	**132.60**	132.60	**132.60**	132.60	**132.60**	**132.60**	132.57	132.53	**132.60**	-Inf	-Inf	-Inf	**132.60**
	runtime	0.01	0.00	0.09	0.11	0.00	0.02	0.21	0.01	0.10	0.03	1.11	0.42	0.18	0.11	0.09	0.10	40.30	7.75	45.83	3.95	5.83	40.60	42.66	0.59	0.74	6.76	20.34	0.18
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.10 GB	0.07 GB
gm22	value	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**	**98.13**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**98.13**	**98.13**	**98.13**	98.13	**98.13**	**98.13**	**98.13**	**98.13**	98.07	98.04	**98.13**	-Inf	-Inf	-Inf	**98.13**
	runtime	0.00	0.00	0.06	0.08	0.00	0.01	0.27	0.01	0.06	0.02	1.75	0.74	0.58	0.01	0.03	0.03	36.52	11.99	33.58	2.75	1.32	36.65	35.51	0.35	0.64	6.66	32.11	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.24 GB	0.05 GB
gm220	value	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	**15.77**	15.77	**15.77**	-Inf	-Inf	-Inf	**15.77**
	runtime	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.02	0.11	0.01	0.01	0.81	1.08	0.01	0.01	6.01	6.05	0.01
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.00 GB	0.01 GB	0.00 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.02 GB
gm221	value	**102.95**	103.08	**102.95**	**102.95**	103.08	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	103.75	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**	**102.95**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**102.95**	102.95	102.95	102.95	**102.95**	102.93	**102.95**	**102.95**	102.78	102.59	**102.95**	-Inf	-Inf	-Inf	**102.95**
	runtime	0.00	0.00	0.03	0.03	0.00	0.01	0.15	0.00	0.03	0.01	0.59	0.60	0.50	0.03	0.08	0.14	10.49	5.07	10.07	0.97	0.89	10.68	10.25	0.09	0.05	6.05	6.17	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm222	value	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**	**124.02**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**124.02**	**124.02**	**124.02**	124.01	**124.02**	124.02	**124.02**	**124.02**	123.83	123.66	**124.02**	-Inf	-Inf	-Inf	**124.02**
	runtime	0.01	0.00	0.34	0.37	0.00	0.04	1.87	0.06	0.34	0.11	6.83	4.27	6.10	0.05	0.18	0.19	54.10	34.44	52.42	38.88	6.22	54.27	52.32	0.36	1.01	7.05	49.52	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.61 GB	0.06 GB
gm223	value	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**	**114.27**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**114.27**	**114.27**	**114.27**	114.27	**114.27**	114.27	**114.27**	**114.27**	114.24	114.12	**114.27**	-Inf	-Inf	-Inf	**114.27**
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.14	0.01	0.06	0.02	0.23	0.10	0.06	0.01	0.34	0.36	18.61	1.30	17.82	0.78	1.25	18.41	17.27	0.36	0.51	6.53	28.07	0.11
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.84 GB	0.05 GB
gm224	value	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	**105.21**	105.17	105.14	**105.21**	-Inf	-Inf	-Inf	**105.21**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.14	0.01	0.02	0.01	0.04	0.02	0.01	0.00	0.02	0.02	2.18	0.24	2.67	0.10	0.05	4.70	4.58	0.07	0.04	6.05	6.16	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm225	value	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	**54.92**	54.92	54.92	**54.92**	-Inf	-Inf	-Inf	**54.92**
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.09	0.00	0.01	0.00	0.05	0.02	0.01	0.00	0.03	0.03	0.52	0.09	0.47	0.03	0.02	4.56	4.37	0.04	0.06	6.06	6.17	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm226	value	**214.34**	216.50	214.51	214.51	216.50	214.51	214.51	214.51	214.51	214.51	**214.34**	**214.34**	**214.34**	**214.34**	**214.34**	**214.34**	**214.34**	**214.34**	**214.34**	**214.34**	**214.34**	**214.34**	214.35	**214.34**	**214.34**	**214.34**	**214.34**	**214.34**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**214.34**	**214.34**	**214.34**	**214.34**	**214.34**	214.34	**214.34**	**214.34**	214.30	214.03	**214.34**	-Inf	-Inf	-Inf	**214.34**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.10	0.01	0.05	0.02	0.28	0.13	0.05	0.12	0.07	0.07	7.29	3.02	12.44	1.09	0.52	13.53	12.61	0.46	0.65	6.68	20.68	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	1.23 GB	0.05 GB
gm227	value	**140.71**	141.36	**140.71**	**140.71**	141.36	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**	**140.71**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	140.65	**140.71**	**140.71**	140.71	140.71	140.70	**140.71**	**140.71**	140.63	140.48	**140.71**	-Inf	-Inf	-Inf	**140.71**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.05	0.00	0.02	0.01	0.10	0.04	0.03	0.25	0.03	0.03	7.26	7.10	6.87	0.35	0.51	7.26	6.94	0.20	0.21	6.21	7.31	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.09 GB	0.03 GB
gm228	value	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	**72.36**	72.36	72.35	**72.36**	-Inf	-Inf	-Inf	**72.36**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.04	0.00	0.01	0.00	0.05	0.02	0.01	0.00	0.01	0.01	1.05	0.16	1.22	0.08	0.06	5.57	5.38	0.10	0.10	6.10	6.24	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm229	value	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	**57.88**	57.88	57.87	**57.88**	-Inf	-Inf	-Inf	**57.88**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.08	0.01	0.02	0.01	0.17	0.07	0.03	0.02	0.05	0.05	2.06	0.57	2.61	0.21	0.09	11.25	10.59	0.12	0.26	6.27	6.72	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB
gm23	value	**127.67**	129.23	**127.67**	**127.67**	129.23	128.85	127.94	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**	127.70	**127.67**	**127.67**	**127.67**	**127.67**	**127.67**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**127.67**	127.67	127.67	127.67	**127.67**	127.67	**127.67**	**127.67**	127.54	127.37	**127.67**	-Inf	-Inf	-Inf	**127.67**
	runtime	0.01	0.01	0.20	0.21	0.01	0.03	0.40	0.04	0.19	0.06	4.74	2.14	1.12	0.02	0.10	0.10	89.39	10.96	84.80	6.17	5.73	88.91	84.40	0.95	1.49	7.49	19.53	0.27
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.09 GB	0.09 GB	0.90 GB	0.10 GB
gm230	value	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	**46.79**	-Inf	-Inf	-Inf	**46.79**
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	0.19	0.01	0.06	0.02	0.95	0.41	0.23	0.01	0.02	0.02	2.45	0.52	3.50	0.39	0.15	27.52	34.67	0.46	0.89	6.91	27.62	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.06 GB	0.06 GB	1.65 GB	0.06 GB
gm231	value	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**	**126.42**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**126.42**	**126.42**	**126.42**	126.42	**126.42**	**126.42**	**126.42**	**126.42**	126.41	126.40	**126.42**	-Inf	-Inf	-Inf	**126.42**
	runtime	0.01	0.01	0.14	0.16	0.00	0.03	0.48	0.02	0.13	0.04	2.09	0.94	0.55	0.02	0.10	0.12	13.82	4.39	23.89	1.78	0.51	69.76	69.19	1.41	1.58	7.57	39.48	0.29
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.06 GB	0.08 GB	0.08 GB	1.94 GB	0.10 GB
gm232	value	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	**47.45**	47.44	47.43	**47.45**	-Inf	-Inf	-Inf	**47.45**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.11	0.01	0.04	0.01	0.41	0.17	0.10	0.01	0.03	0.03	3.62	2.21	6.00	1.20	0.62	20.62	19.93	0.24	0.39	6.40	18.94	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.81 GB	0.04 GB
gm233	value	**107.50**	108.26	**107.50**	**107.50**	108.26	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**	**107.50**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**107.50**	107.50	107.50	**107.50**	**107.50**	107.50	**107.50**	**107.50**	107.47	107.38	**107.50**	-Inf	-Inf	-Inf	**107.50**
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.15	0.01	0.06	0.02	0.23	0.11	0.06	0.27	0.24	0.23	8.90	9.93	16.10	1.23	0.77	16.48	15.81	0.52	0.55	6.54	15.54	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.80 GB	0.05 GB
gm234	value	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	113.72	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**	113.72	**113.70**	**113.70**	**113.70**	**113.70**	**113.70**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**113.70**	113.69	113.70	113.70	**113.70**	113.70	**113.70**	**113.70**	113.59	113.48	**113.70**	-Inf	-Inf	-Inf	**113.70**
	runtime	0.01	0.00	0.08	0.10	0.00	0.02	0.32	0.01	0.08	0.02	2.51	1.98	0.91	0.01	0.81	1.02	47.12	11.38	46.50	2.99	1.71	48.97	48.32	0.58	0.83	6.84	31.70	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.48 GB	0.06 GB
gm235	value	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	**34.76**	-Inf	-Inf	-Inf	**34.76**
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.05	0.00	0.02	0.01	0.11	0.05	0.02	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.17	0.23	6.24	7.36	0.06
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.09 GB	0.03 GB
gm236	value	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**	**93.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**93.78**	**93.78**	**93.78**	93.78	**93.78**	**93.78**	**93.78**	**93.78**	93.76	93.75	**93.78**	-Inf	-Inf	-Inf	**93.78**
	runtime	0.00	0.00	0.08	0.09	0.00	0.02	0.25	0.01	0.08	0.02	1.09	0.49	0.22	0.01	0.06	0.05	23.66	3.23	16.96	1.32	0.84	35.13	32.47	0.75	0.86	6.87	21.15	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.11 GB	0.06 GB
gm237	value	**205.60**	206.06	**205.60**	**205.60**	206.06	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**	**205.60**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**205.60**	**205.60**	**205.60**	205.60	**205.60**	**205.60**	**205.60**	**205.60**	205.57	205.51	**205.60**	-Inf	-Inf	-Inf	**205.60**
	runtime	0.01	0.01	0.13	0.15	0.01	0.03	0.32	0.02	0.13	0.05	1.07	0.44	0.25	0.19	0.19	0.17	31.36	10.69	29.87	2.96	2.61	58.91	57.63	1.23	1.01	7.01	24.94	0.27
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	1.44 GB	0.09 GB

geo-surf-3		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm238	value	208.08	210.87	208.07	208.07	210.87	208.08	208.07	208.65	208.07	208.65	208.08	208.08	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.07
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.07	208.02	207.87	208.07	-Inf	-Inf	-Inf	208.07
	runtime	0.01	0.00	0.10	0.11	0.00	0.02	0.25	1.61	0.09	1.96	0.92	0.37	1.76	0.59	0.38	0.38	45.19	39.55	18.53	7.12	2.97	46.56	43.85	1.16	1.08	7.10	22.18	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.35 GB	0.07 GB
gm239	value	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	55.86	-Inf	-Inf	-Inf	55.86
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.22	0.01	0.05	0.01	0.99	0.44	0.30	0.01	0.03	0.02	2.12	0.51	3.57	0.30	0.17	21.13	29.01	0.40	0.51	6.51	11.25	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	0.23 GB	0.05 GB
gm24	value	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.20	27.19	27.20	-Inf	-Inf	-Inf	27.20
	runtime	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.33	0.01	0.41	0.02	0.02	1.87	1.85	0.02	0.02	6.02	6.07	0.02
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.02 GB
gm240	value	133.49	133.32	132.95	132.95	133.32	133.07	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.95	132.84	132.61	132.95	-Inf	-Inf	-Inf	132.95
	runtime	0.00	0.00	0.04	0.04	0.00	0.01	0.24	0.01	0.04	0.01	0.46	0.21	0.09	0.03	0.18	0.18	10.46	1.59	16.66	1.02	0.76	17.28	16.62	0.25	0.23	6.23	6.83	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.02 GB	0.03 GB	0.04 GB
gm241	value	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.51	249.46	249.36	249.51	-Inf	-Inf	-Inf	249.51
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.27	0.01	0.06	0.02	1.20	0.60	0.21	0.28	0.10	0.12	15.87	24.45	18.22	1.69	1.26	24.52	25.33	0.64	0.49	6.50	20.13	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	1.10 GB	0.05 GB
gm242	value	140.62	141.30	140.62	140.62	141.30	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.62	140.54	140.32	140.62	-Inf	-Inf	-Inf	140.62
	runtime	0.00	0.00	0.04	0.04	0.00	0.01	0.14	0.01	0.04	0.01	0.50	0.24	0.13	0.02	0.05	0.05	15.93	1.69	15.41	0.95	0.65	16.18	15.52	0.19	0.18	6.18	6.63	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB
gm243	value	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.28	143.19	143.05	143.28	-Inf	-Inf	-Inf	143.28
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.24	0.01	0.06	0.02	0.64	0.31	0.16	0.04	0.12	0.13	28.81	4.08	28.49	1.70	1.22	29.80	29.05	0.50	0.49	6.49	7.74	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.09 GB	0.05 GB
gm244	value	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.16	150.14	150.07	150.16	-Inf	-Inf	-Inf	150.16
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.21	0.01	0.07	0.02	0.85	0.39	0.16	0.06	0.09	0.10	28.98	3.38	34.58	1.37	3.24	36.20	34.15	0.65	0.62	6.62	22.81	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.38 GB	0.06 GB
gm245	value	172.08	172.14	172.08	172.08	172.14	172.08	172.08	172.08	172.08	172.08	172.08	172.08	172.08	172.08	175.04	175.04	172.08	172.08	172.08	172.08	172.08	172.08	172.17	172.08	172.08	172.08	172.08	172.08
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	172.08	172.08	172.08	172.08	172.08	172.08	172.08	172.08	172.03	171.92	172.08	-Inf	-Inf	-Inf	172.08
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.26	0.01	0.05	0.02	0.92	0.40	0.20	0.03	0.36	0.53	28.92	4.32	27.87	1.57	2.95	28.49	27.50	0.46	0.54	6.55	20.28	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	0.99 GB	0.05 GB
gm246	value	211.41	211.83	211.41	211.41	211.83	211.83	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.41	211.39	211.38	211.41	-Inf	-Inf	-Inf	211.41
	runtime	0.01	0.00	0.07	0.09	0.00	0.02	0.25	0.01	0.07	0.02	1.01	0.48	0.23	0.01	0.11	0.11	47.25	7.19	24.47	2.62	1.75	57.84	56.87	1.13	0.97	6.96	25.46	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.06 GB	0.06 GB	1.51 GB	0.07 GB
gm247	value	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	79.01	79.01	79.01	79.01	79.01	79.01	79.01	79.01	78.98	78.93	79.01	-Inf	-Inf	-Inf	79.01
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.20	0.01	0.06	0.02	0.13	0.05	0.03	0.11	0.09	0.08	16.64	23.05	13.46	1.16	0.80	23.66	22.66	0.27	0.57	6.57	12.44	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	0.40 GB	0.05 GB
gm248	value	119.66	120.58	119.66	119.66	120.58	120.48	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.66	119.63	119.62	119.66	-Inf	-Inf	-Inf	119.66
	runtime	0.01	0.01	0.17	0.19	0.01	0.03	0.56	0.03	0.17	0.06	1.86	0.78	0.44	0.06	0.38	0.34	41.38	14.43	31.81	3.24	1.78	86.99	82.46	1.33	2.01	8.02	25.10	0.30
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.07 GB	0.10 GB	0.10 GB	1.23 GB	0.11 GB
gm249	value	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.65	162.54	162.33	162.65	-Inf	-Inf	-Inf	162.65
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.30	0.01	0.04	0.01	0.39	0.17	0.11	0.32	0.06	0.06	12.85	17.28	13.70	1.34	1.73	17.80	17.06	0.24	0.15	6.15	6.49	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB
gm25	value	82.61	84.65	82.61	82.61	84.65	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.61
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	82.58	82.61	82.61	82.61	82.61	82.61	82.61	82.61	82.59	82.53	82.61	-Inf	-Inf	-Inf	82.61
	runtime	0.01	0.00	0.08	0.09	0.00	0.02	0.24	0.01	0.08	0.03	1.22	0.55	0.25	0.81	0.09	0.08	12.02	36.44	13.51	2.96	1.28	37.30	35.22	0.82	0.96	6.96	26.19	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.06 GB	0.06 GB	1.46 GB	0.07 GB
gm250	value	222.95	223.46	222.95	222.95	223.46	223.46	223.04	222.95	222.95	222.95	222.95	222.95	222.95	222.95	222.95	222.95	222.95	222.95	222.95	222.95	222.95	222.96	222.97	222.95	222.95	222.95	222.95	222.95
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	222.95	222.95	222.95	222.92	222.95	222.91	222.95	222.95	222.69	222.07	222.95	-Inf	-Inf	-Inf	222.95
	runtime	0.00	0.00	0.11	0.11	0.00	0.01	0.29	0.05	0.10	0.04	1.84	1.18	1.69	0.28	0.36	0.34	46.19	44.54	44.82	12.42	9.36	46.06	44.96	0.53	0.72	6.72	32.27	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	1.89 GB	0.05 GB
gm251	value	135.86	136.16	135.86	135.86	136.16	136.05	136.05	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.86	135.80	135.68	135.86	-Inf	-Inf	-Inf	135.86
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.19	0.01	0.03	0.01	0.27	0.11	0.05	0.01	0.05	0.06	12.68	1.75	12.06	0.84	0.51	13.44	12.81	0.12	0.15	6.15	6.55	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB
gm252	value	179.56	180.38	179.49	179.49	180.38	180.38	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.49	179.46	179.41	179.49	-Inf	-Inf	-Inf	179.49
	runtime	0.00	0.00	0.04	0.04	0.00	0.01	0.10	0.01	0.04	0.01	0.17	0.07	0.04	0.01	0.03	0.03	4.23	0.68	4.67	0.27	0.24	11.26	10.58	0.43	0.30	6.31	11.22	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.42 GB	0.04 GB
gm253	value	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.82	135.81	135.82	-Inf	-Inf	-Inf	135.82
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.30	0.01	0.04	0.01	0.46	0.19	0.14	0.01	0.23	0.22	4.85	1.36	4.17	0.77	0.42	20.72	20.25	0.30	0.57	6.55	23.52	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	1.35 GB	0.05 GB
gm254	value	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.83	192.73	192.83	-Inf	-Inf	-Inf	192.83
	runtime	0.01	0.00	0.09	0.11	0.00	0.03	0.92	0.01	0.09	0.03	3.18	1.90	0.96	0.01	0.27	0.26	8.60	3.51	12.94	2.61	0.74	43.01	42.06	0.76	0.94	6.94	22.95	0.18
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	0.98 GB	0.07 GB
gm255	value	171.47	171.55	171.47	171.47	171.55	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.47	171.41	170.70	171.47	-Inf	-Inf	-Inf	171.47
	runtime	0.00	0.00	0.09	0.11	0.00	0.02	0.48	0.02	0.09	0.03	2.46	1.63	0.94	0.02	0.12	0.12	46.32	11.57	30.50	6.77	2.62	45.84	44.96	0.58	0.93	6.93	33.18	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.70 GB	0.06 GB
gm256	value	228.61	229.70	228.61	228.61	229.70	229.34	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.61	228.58	228.61	-Inf	-Inf	-Inf	228.61
	runtime	0.01	0.01	0.12	0.15	0.00	0.03	0.65	0.02	0.12	0.04	3.81	1.92	0.71	0.03	0.46	0.47	52.49	26.60	34.75	9.59	1.49	83.74	81.38	1.15	1.25	7.25	32.94	0.24
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.06 GB	0.07 GB	0.07 GB	1.81 GB	0.09 GB
gm257	value	169.17	169.70	169.17	169.17	169.70	169.22	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.20	169.17	169.17	169.17	169.17	169.17
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.17	169.08	168.79	169.17	-Inf	-Inf	-Inf	169.17
	runtime	0.01	0.01	0.14	0.17	0.00	0.03	0.49	0.02	0.15	0.05	4.29	1.88	1.03	0.02	0.14	0.15	93.66	22.32	78.22	8.62	6.21	108.49	109.52	1.26	1.26	7.26	26.49	0.26
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.06 GB	0.08 GB	0.08 GB	1.62 GB	0.09 GB
gm258	value	139.09	140.16	139.09	139.09	140.16	139.76	139.76	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.08	139.09	-Inf	-Inf	-Inf	139.09
	runtime	0.00	0.00	0.08	0.09	0.00	0.02	0.27	0.02	0.08	0.03	1.05	0.45	0.16	0.02	0.08	0.07	9.75	2.64	12.83	0.89	0.48	32.35	33.93	0.71	0.86	6.87	21.14	0.18
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.22 GB	0.07 GB
gm259	value	194.33	194.58	194.48	194.48	194.58	194.33	194.33	194.48	194.48	194.48	194.48	194.48	194.48	194.33	194.33	194.33	194.33	194.33	194.33	194.33	194.33	194.33	194.33	194.33	194.33	194.33	194.33	194.33
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	194.33	194.33	194.33	194.33	194.33	194.33	194.33	194.33	194.31	194.13	194.33	-Inf	-Inf	-Inf	194.33
	runtime	0.00	0.00	0.03	0.05	0.00	0.02	0.35	0.01	0.03	0.01	0.28	0.12	0.06	0.02	0.43	0.41	10.20	3.97	13.95	0.92	0.72	18.90	17.67	0.25	0.11	6.11	6.39	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB
gm26	value	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.77	56.76	56.75	56.77	-Inf	-Inf	-Inf	56.77
	runtime	0.00	0.00	0.02	0.02	0.00	0.00	0.05	0.00	0.02	0.00	0.10	0.04	0.03	0.04	0.05	0.06	2.09	3.25	3.13	0.26	0.13	8.80	8.38	0.09	0.09	6.09	6.27	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm260	value	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.88	127.87	127.88	-Inf	-Inf	-Inf	127.88
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.21	0.01	0.02	0.01	0.08	0.03	0.02	0.01	0.02	0.02	2.49	0.24	2.89	0.12	0.10	6.42	6.24	0.14	0.07	6.07	6.26	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm261	value	241.00	242.90	241.00	241.00	242.90	242.78	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	240.95	240.82	241.00	-Inf	-Inf	-Inf	241.00
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.15	0.01	0.05	0.02	0.36	0.16	0.08	0.03	0.05	0.05	16.43	1.62	18.08	0.99	0.46	18.66	17.60	0.32	0.16	6.16	6.45	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.02 GB	0.04 GB
gm262	value	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.93	147.92	147.88	147.93	-Inf	-Inf	-Inf	147.93
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.15	0.01	0.03	0.01	0.15	0.07	0.04	0.01	0.04	0.04	3.01	0.66	3.44	0.36	0.30	11.03	10.40	0.27	0.37	6.37	16.69	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.85 GB	0.04 GB
gm263	value	236.54	236.64	236.31	236.31	236.64	236.55	236.30	236.31	236.31	236.31	236.31	236.31	236.31	236.30	236.34	236.34	236.30	236.30	236.30	236.30	236.30	236.30	236.36	236.30	236.30	236.30	236.30	236.30
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	236.50	236.30	236.30	236.30	236.30	236.28	236.30	236.30	236.17	235.54	236.30	-Inf	-Inf	-Inf	236.30
	runtime	0.01	0.00	0.06	0.07	0.00	0.01	0.15	0.02	0.06	0.02	0.48	0.22	0.09	0.49	0.25	0.48	22.66	21.80	21.45	3.86	3.07	22.60	21.71	0.46	0.58	6.58	30.09	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	2.07 GB	0.05 GB
gm264	value	209.17	212.02	209.59	209.59	212.02	209.72	209.59	209.59	209.59	209.59	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.17	209.13	209.06	209.17	-Inf	-Inf	-Inf	209.17
	runtime	0.01	0.01	0.22	0.25	0.00	0.03	0.31	0.05	0.23	0.07	2.90	1.77	2.18	0.08	0.07	0.06	45.29	8.11	44.88	3.01	1.24	45.45	43.89	0.84	0.89	6.90	29.58	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.96 GB	0.08 GB
gm265	value	243.32	246.59	243.32	243.32	246.59	246.54	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.32	243.27	243.02	243.32	-Inf	-Inf	-Inf	243.32
	runtime	0.01	0.00	0.09	0.11	0.00	0.02	0.41	0.02	0.10	0.03	1.69	0.61	0.24	0.02	0.32	0.31	36.99	3.74	39.41	2.53	2.39	36.42	38.34	0.76	0.72	6.73	21.00	0.18
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.05 GB	0.07 GB
gm266	value	234.93	235.01	234.93	234.93	235.01	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.93	234.92	234.91	234.93	-Inf	-Inf	-Inf	234.93
	runtime	0.01	0.00	0.09	0.10	0.00	0.02	0.26	0.01	0.09	0.03	0.50	0.22	0.11	0.02	0.12	0.11	5.70	3.30	5.92	1.14	0.91	30.37	30.42	0.84	0.91	6.92	20.64	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.13 GB	0.06 GB
gm267	value	329.10	329.91	329.10	329.10	329.91	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10	329.10
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	329.11	329.10	329.10	329.10	329.10	329.09	329.10	329.10	329.00	328.62	329.10	-Inf	-Inf	-Inf	329.10
	runtime	0.01	0.01	0.16	0.18	0.01	0.03	0.42	0.02	0.16	0.05	3.05	1.40	2.93	1.27	0.47	0.48	90.57	83.79	85.49	11.94	12.55	88.40	83.45	1.54	1.07	7.06	25.56	0.25
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.06 GB	0.06 GB	1.55 GB	0.09 GB
gm268	value	97.57	97.73	97.57	97.57	97.73	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.57	97.56	97.52	97.57	-Inf	-Inf	-Inf	97.57
	runtime	0.01	0.00	0.10	0.12	0.00	0.02	0.39	0.02	0.10	0.03	1.74	0.72	0.38	0.02	0.14	0.14	11.32	7.85	17.00	2.20	0.85	50.22	56.27	0.79	0.89	6.90	27.61	0.18
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.58 GB	0.07 GB
gm269	value	172.23	172.52	172.23	172.23	172.52	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.23	172.13	171.92	172.23	-Inf	-Inf	-Inf	172.23
	runtime	0.01	0.01	0.25	0.29	0.01	0.04	0.59	0.04	0.25	0.08	4.51	1.84	4.76	0.03	0.26	0.25	107.63	23.34	104.00	10.18	8.66	107.09	103.18	1.54	2.38	8.38	33.05	0.34
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.07 GB	0.13 GB	0.13 GB	1.72 GB	0.11 GB
gm27	value	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.42
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	179.01	179.42	179.42	179.42	179.42	179.42	179.42	179.42	179.37	179.33	179.42	-Inf	-Inf	-Inf	179.42
	runtime	0.00	0.00	0.36	0.36	0.00	0.01	0.18	0.10	0.36	0.09	0.22	0.10	0.05	0.40	0.07	0.23	14.15	11.06	13.21	0.62	0.67	13.82	13.50	0.24	0.26	6.26	7.57	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.09 GB	0.04 GB
gm270	value	96.89	97.39	96.89	96.89	97.39	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.89	96.87	96.84	96.89	-Inf	-Inf	-Inf	96.89
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.21	0.01	0.03	0.01	0.36	0.16	0.08	0.03	0.03	0.03	6.83	1.78	8.32	0.52	0.33	18.86	17.50	0.23	0.29	6.29	6.61	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.02 GB	0.02 GB	0.04 GB
gm271	value	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	183.95	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.76	183.75	183.76	-Inf	-Inf	-Inf	183.76
	runtime	0.01	0.01	0.11	0.13	0.00	0.02	0.36	0.02	0.12	0.04	2.98	1.28	0.66	0.87	0.21	0.18	22.76	50.54	21.77	6.05	2.06	50.83	55.22	0.71	0.84	6.83	19.36	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	0.96 GB	0.07 GB
gm272	value	120.19	123.31	120.85	120.85	123.31	122.43	122.43	120.85	120.85	120.85	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.15	119.97	120.19	-Inf	-Inf	-Inf	120.19
	runtime	0.01	0.00	0.10	0.12	0.00	0.02	0.23	0.02	0.10	0.03	1.30	0.63	0.32	0.24	0.07	0.06	26.63	12.13	45.63	2.06	1.63	41.30	45.15	0.70	1.32	7.33	30.64	0.19
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	1.85 GB	0.07 GB
gm273	value	119.78	120.29	120.18	120.18	120.29	120.29	120.29	120.18	120.18	120.18	120.18	120.18	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.78
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.78	119.69	119.55	119.78	-Inf	-Inf	-Inf	119.78
	runtime	0.01	0.01	0.11	0.14	0.00	0.02	0.30	0.02	0.12	0.05	1.65	0.72	0.32	0.01	0.10	0.09	47.04	4.98	50.03	5.18	3.29	45.99	50.21	0.62	1.40	7.39	30.25	0.22
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.08 GB	0.08 GB	1.73 GB	0.08 GB
gm274	value	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.45	69.42	69.40	69.45	-Inf	-Inf	-Inf	69.45
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.10	0.01	0.02	0.01	0.04	0.02	0.01	0.00	0.08	0.07	2.41	0.29	3.06	0.20	0.12	8.46	8.16	0.19	0.24	6.24	24.41	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	1.61 GB	0.03 GB
gm275	value	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.56	166.52	166.45	166.56	-Inf	-Inf	-Inf	166.56
	runtime	0.01	0.01	0.09	0.11	0.00	0.02	0.32	0.01	0.09	0.03	3.11	2.04	1.13	0.05	0.10	0.10	25.56	3.58	34.53	1.99	1.64	49.62	50.74	0.90	1.29	7.30	26.88	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	1.55 GB	0.07 GB
gm276	value	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.68	71.67	71.68	-Inf	-Inf	-Inf	71.68
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.08	0.01	0.02	0.01	0.14	0.07	0.03	0.01	0.01	0.01	2.61	0.34	2.70	0.13	0.07	9.64	9.24	0.12	0.26	6.26	7.35	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.09 GB	0.03 GB
gm277	value	87.94	88.43	88.11	88.11	88.43	88.07	88.07	88.11	88.11	88.11	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.94	87.88	87.71	87.94	-Inf	-Inf	-Inf	87.94
	runtime	0.00	0.00	0.05	0.05	0.00	0.01	0.22	0.01	0.05	0.02	0.92	0.38	0.24	0.03	0.06	0.07	16.02	6.07	14.26	2.37	1.00	27.43	27.47	0.37	0.33	6.33	20.86	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	1.12 GB	0.05 GB
gm278	value	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.39	198.34	198.27	198.39	-Inf	-Inf	-Inf	198.39
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	0.33	0.01	0.05	0.02	0.60	0.25	0.09	0.02	0.07	0.07	21.72	3.09	22.37	1.96	1.14	28.44	29.18	0.55	0.52	6.53	21.70	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	1.26 GB	0.06 GB
gm279	value	165.05	166.89	165.05	165.05	166.89	166.32	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05	165.05
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	165.05	165.04	165.04	165.04	165.05	165.04	165.05	165.05	164.97	164.87	165.05	-Inf	-Inf	-Inf	165.05
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.18	0.01	0.03	0.01	0.29	0.12	0.06	0.04	0.05	0.06	13.25	2.47	12.62	1.34	0.80	13.26	12.85	0.17	0.17	6.17	7.49	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.10 GB	0.03 GB
gm28	value	190.92	193.13	190.92	190.92	193.13	190.93	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.92	190.78	190.92	-Inf	-Inf	-Inf	190.92
	runtime	0.01	0.00	0.10	0.12	0.00	0.02	0.31	0.01	0.10	0.03	0.60	0.26	0.11	0.24	0.17	0.16	6.02	10.24	9.24	2.77	1.96	35.94	38.86	0.76	0.97	6.96	25.96	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.06 GB	0.06 GB	1.65 GB	0.07 GB
gm280	value	121.45	121.46	121.45	121.45	121.46	121.45	121.45	121.45	121.45	121.45	121.45	121.45	121.45	121.45	122.41	121.45	121.45	121.45	121.45	121.45	121.45	121.45	121.45	121.45	121.45	121.45	121.45	121.45
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	121.45	121.42	121.45	121.45	121.45	121.45	121.45	121.45	121.38	121.33	121.45	-Inf	-Inf	-Inf	121.45
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.51	0.01	0.04	0.01	0.38	0.16	0.09	0.05	1.64	1.21	8.63	7.08	11.32	1.67	0.76	15.33	14.99	0.12	0.10	6.10	6.29	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm281	value	163.09	163.12	163.09	163.09	163.12	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	163.09	163.09	163.09	163.09	163.09	163.09	163.09	163.09	162.98	162.90	163.09	-Inf	-Inf	-Inf	163.09
	runtime	0.01	0.01	0.13	0.16	0.00	0.03	0.54	0.02	0.13	0.04	2.72	1.20	0.59	0.04	0.13	0.14	60.27	12.66	61.06	6.99	3.10	79.00	75.72	1.05	1.23	7.24	27.02	0.24
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.07 GB	0.07 GB	1.51 GB	0.09 GB
gm282	value	175.53	175.77	175.53	175.53	175.77	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.53	175.48	175.32	175.53	-Inf	-Inf	-Inf	175.53
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.22	0.01	0.07	0.02	0.65	0.27	0.13	0.02	0.07	0.08	25.85	3.04	25.04	1.47	1.29	25.51	24.81	0.51	0.47	6.47	21.14	0.11
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.15 GB	0.05 GB
gm283	value	110.68	111.05	110.68	110.68	111.05	111.05	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.68	110.67	110.68	-Inf	-Inf	-Inf	110.68
	runtime	0.00	0.00	0.04	0.06	0.00	0.01	0.16	0.01	0.05	0.02	0.44	0.18	0.10	0.09	0.03	0.03	8.10	10.58	8.92	0.62	0.26	22.05	21.72	0.37	0.33	6.33	8.42	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.17 GB	0.05 GB
gm284	value	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.98	115.97	115.93	115.98	-Inf	-Inf	-Inf	115.98
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.18	0.01	0.03	0.01	0.39	0.15	0.09	0.01	0.03	0.03	6.67	1.02	6.01	0.69	0.38	21.58	20.48	0.32	0.38	6.37	27.02	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.27 GB	0.04 GB
gm285	value	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	97.46	-Inf	-Inf	-Inf	97.46
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.09	0.01	0.02	0.01	0.28	0.12	0.08	0.00	0.04	0.04	1.91	0.88	2.18	0.29	0.16	16.12	15.61	0.11	0.15	6.14	6.55	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB
gm286	value	128.36	128.49	128.36	128.36	128.49	128.49	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.36	128.35	128.27	128.36	-Inf	-Inf	-Inf	128.36
	runtime	0.00	0.00	0.09	0.10	0.00	0.02	0.21	0.02	0.09	0.03	1.34	0.59	0.32	0.02	0.09	0.09	8.68	3.63	10.98	1.72	0.75	32.34	30.59	0.50	0.86	6.87	20.60	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.14 GB	0.06 GB
gm287	value	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.93	77.92	77.93	-Inf	-Inf	-Inf	77.93
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.27	0.01	0.03	0.01	0.15	0.07	0.04	0.03	0.02	0.02	4.01	2.92	4.05	0.32	0.20	12.81	11.96	0.16	0.14	6.13	6.38	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm288	value	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.99	113.98	113.93	113.99	-Inf	-Inf	-Inf	113.99
	runtime	0.00	0.00	0.05	0.07	0.00	0.01	0.18	0.01	0.06	0.02	0.66	0.29	0.14	0.02	0.14	0.13	14.01	2.16	13.31	1.25	0.73	28.63	27.82	0.47	0.60	6.61	28.94	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	1.71 GB	0.05 GB
gm289	value	207.93	209.92	210.20	210.20	209.92	209.92	209.92	210.20	210.20	210.20	210.20	210.20	210.20	207.93	207.93	207.93	207.93	207.93	207.93	207.93	207.93	207.93	207.93	207.93	207.93	207.93	207.93	207.93
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	207.93	207.93	207.93	207.93	207.93	207.89	207.93	207.93	207.74	207.20	207.93	-Inf	-Inf	-Inf	207.93
	runtime	0.01	0.00	0.07	0.08	0.00	0.01	0.21	0.05	0.07	0.02	2.04	0.73	0.53	0.03	0.18	0.17	30.77	9.58	29.82	7.00	6.70	30.67	29.64	0.68	0.79	6.80	26.54	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.55 GB	0.06 GB
gm29	value	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.21	56.20	56.21	-Inf	-Inf	-Inf	56.21
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.08	0.00	0.02	0.01	0.37	0.15	0.07	0.03	0.03	0.03	3.48	2.41	4.02	0.20	0.22	9.36	8.99	0.13	0.17	6.17	6.45	0.06
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm290	value	113.09	113.15	113.09	113.09	113.15	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.45	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.09
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.09	113.08	113.04	113.09	-Inf	-Inf	-Inf	113.09
	runtime	0.01	0.01	0.21	0.23	0.00	0.03	0.47	0.04	0.21	0.06	3.26	1.85	3.05	0.01	0.06	0.05	15.60	7.50	18.82	5.42	1.17	62.44	61.86	1.09	1.41	7.43	31.11	0.24
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.06 GB	0.08 GB	0.08 GB	1.74 GB	0.09 GB
gm291	value	133.97	134.17	133.97	133.97	134.17	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.97	133.93	133.83	133.97	-Inf	-Inf	-Inf	133.97
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.20	0.01	0.06	0.02	1.11	0.48	0.24	0.03	0.07	0.07	17.92	1.96	20.90	1.20	0.68	23.09	22.44	0.46	0.37	6.36	19.43	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.95 GB	0.05 GB
gm292	value	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.37	149.35	149.37	-Inf	-Inf	-Inf	149.37
	runtime	0.01	0.01	0.10	0.12	0.00	0.02	0.30	0.02	0.09	0.04	0.89	0.38	0.15	0.08	0.04	0.04	11.92	12.25	11.84	2.05	0.89	49.53	48.40	0.69	1.02	7.03	21.93	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.06 GB	0.06 GB	1.16 GB	0.08 GB
gm293	value	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.40
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	105.34	105.40	105.40	105.40	105.40	105.40	105.40	105.40	105.28	105.04	105.40	-Inf	-Inf	-Inf	105.40
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.28	0.01	0.06	0.02	0.79	0.33	0.17	0.63	0.41	0.57	24.87	25.19	24.13	1.45	1.87	25.23	24.72	0.40	0.44	6.44	22.99	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	1.21 GB	0.05 GB
gm294	value	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.24	26.25	-Inf	-Inf	-Inf	26.25
	runtime	0.00	0.00	0.02	0.02	0.00	0.00	0.04	0.01	0.02	0.01	0.08	0.03	0.02	0.00	0.02	0.02	1.42	0.26	1.39	0.08	0.06	5.11	4.94	0.06	0.16	6.16	6.44	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB
gm295	value	84.02	84.06	84.02	84.02	84.06	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02	84.02
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	84.02	84.02	84.02	84.02	84.02	84.01	84.02	84.02	83.92	83.82	84.02	-Inf	-Inf	-Inf	84.02
	runtime	0.01	0.00	0.13	0.14	0.00	0.02	0.31	0.02	0.13	0.04	2.49	1.04	0.56	0.07	0.36	0.34	44.67	22.71	43.30	4.02	4.12	43.04	42.16	1.00	0.95	6.95	26.12	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.26 GB	0.07 GB
gm296	value	157.83	158.38	158.02	158.02	158.38	158.02	157.83	158.02	158.02	158.02	158.02	158.02	158.02	157.83	157.83	157.83	157.83	157.83	157.83	157.83	157.83	157.83	157.83	157.83	157.83	157.83	157.83	157.83
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	157.83	157.83	157.83	157.83	157.83	157.83	157.83	157.83	157.71	157.21	157.83	-Inf	-Inf	-Inf	157.83
	runtime	0.00	0.00	0.08	0.10	0.00	0.02	0.23	0.02	0.08	0.02	1.03	0.44	0.17	0.04	0.10	0.09	31.86	2.99	32.92	2.51	2.31	33.93	33.26	0.89	0.80	6.80	22.16	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.24 GB	0.06 GB
gm297	value	150.73	150.90	150.73	150.73	150.90	150.88	150.88	150.73	150.73	150.73	150.73	150.73	150.73	150.73	150.87	150.73	150.73	150.73	150.73	150.73	150.73	150.73	150.73	150.73	150.73	150.73	150.73	150.73
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	150.73	150.71	150.73	150.73	150.73	150.73	150.73	150.73	150.63	150.39	150.73	-Inf	-Inf	-Inf	150.73
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.29	0.01	0.06	0.02	0.82	0.35	0.22	0.15	0.51	0.67	25.77	17.18	25.22	2.25	1.34	26.57	25.57	0.26	0.28	6.28	7.11	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.01 GB	0.03 GB	0.04 GB
gm298	value	93.26	93.33	93.26	93.26	93.33	93.33	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.26	93.21	93.11	93.26	-Inf	-Inf	-Inf	93.26
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.06	0.01	0.03	0.01	0.16	0.07	0.03	0.11	0.03	0.03	3.58	0.98	3.69	0.20	0.25	6.40	6.28	0.16	0.20	6.20	10.72	0.05
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.36 GB	0.03 GB
gm299	value	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.70	70.67	70.56	70.70	-Inf	-Inf	-Inf	70.70
	runtime	0.00	0.00	0.03	0.03	0.00	0.01	0.11	0.01	0.03	0.01	0.55	0.22	0.13	0.01	0.06	0.06	5.15	0.95	6.13	0.51	0.27	14.72	14.50	0.16	0.37	6.37	21.53	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.03 GB	1.04 GB	0.04 GB
gm3	value	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.46	34.45	34.46	-Inf	-Inf	-Inf	34.46
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.16	0.01	0.04	0.01	0.84	0.36	0.18	0.00	0.10	0.11	4.02	1.52	5.20	0.51	0.28	22.06	21.71	0.29	0.62	6.61	19.74	0.11
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	0.81 GB	0.05 GB

geo-surf-3		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm30	value	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**	**104.49**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**104.49**	104.49	104.49	**104.49**	**104.49**	104.49	**104.49**	**104.49**	104.43	104.37	**104.49**	-Inf	-Inf	-Inf	**104.49**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.21	0.01	0.05	0.02	0.54	0.24	0.11	0.03	0.19	0.18	15.77	2.38	19.37	0.69	0.62	19.75	19.01	0.43	0.34	6.34	7.22	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.06 GB	0.05 GB
gm300	value	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	**58.20**	58.20	58.20	**58.20**	-Inf	-Inf	-Inf	**58.20**
	runtime	0.00	0.00	0.02	0.02	0.00	0.00	0.06	0.00	0.02	0.01	0.09	0.04	0.02	0.01	0.01	0.02	0.77	0.38	0.73	0.13	0.06	5.86	5.71	0.08	0.05	6.05	6.15	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm31	value	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	**84.06**	84.03	83.92	**84.06**	-Inf	-Inf	-Inf	**84.06**
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.10	0.01	0.02	0.01	0.11	0.04	0.03	0.02	0.03	0.02	3.40	1.71	4.05	0.24	0.23	8.00	7.74	0.11	0.08	6.08	6.22	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm32	value	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	**27.06**	27.05	27.05	**27.06**	-Inf	-Inf	-Inf	**27.06**
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.02	0.01	0.01	0.00	0.00	0.00	0.47	0.07	0.51	0.02	0.02	2.67	2.59	0.03	0.04	6.04	6.11	0.02
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB
gm33	value	**121.42**	121.96	**121.42**	**121.42**	121.96	121.46	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**	**121.42**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**121.42**	**121.42**	**121.42**	121.42	**121.42**	121.42	**121.42**	**121.42**	121.36	121.11	**121.42**	-Inf	-Inf	-Inf	**121.42**
	runtime	0.01	0.00	0.16	0.18	0.00	0.03	0.70	0.04	0.16	0.05	2.52	1.05	0.48	0.03	0.10	0.11	39.23	9.26	37.65	3.23	3.21	37.72	36.29	0.75	1.00	6.99	24.30	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.10 GB	0.07 GB
gm34	value	232.91	233.46	233.46	233.46	233.46	233.46	233.46	233.46	233.46	233.46	233.46	233.46	233.46	232.91	**232.91**	**232.91**	**232.91**	**232.91**	**232.91**	**232.91**	**232.91**	**232.91**	**232.91**	**232.91**	**232.91**	**232.91**	**232.91**	**232.91**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	232.88	232.91	232.91	232.90	232.90	232.89	**232.91**	**232.91**	232.77	232.14	**232.91**	-Inf	-Inf	-Inf	**232.91**
	runtime	0.00	0.00	0.08	0.08	0.00	0.02	0.24	0.01	0.08	0.02	0.66	0.26	0.12	0.65	0.46	0.47	27.59	26.21	25.80	2.82	8.35	26.75	25.63	0.77	0.72	6.72	20.41	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.20 GB	0.06 GB
gm35	value	**319.58**	328.47	**319.58**	**319.58**	328.47	319.90	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**	319.70	**319.58**	**319.58**	**319.58**	**319.58**	**319.58**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**319.58**	319.58	319.58	319.58	**319.58**	**319.58**	**319.58**	**319.58**	319.51	319.14	**319.58**	-Inf	-Inf	-Inf	**319.58**
	runtime	0.01	0.00	0.09	0.10	0.00	0.02	0.19	0.02	0.10	0.03	1.02	0.43	0.13	0.21	0.11	0.11	29.49	7.74	29.26	2.32	2.49	29.24	27.69	1.04	1.46	7.46	27.63	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.07 GB	0.07 GB	1.75 GB	0.06 GB
gm36	value	**209.63**	210.66	**209.63**	**209.63**	210.66	210.36	210.36	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**	209.77	**209.63**	**209.63**	**209.63**	**209.63**	**209.63**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**209.63**	**209.63**	**209.63**	209.63	**209.63**	209.63	**209.63**	**209.63**	209.56	209.37	**209.63**	-Inf	-Inf	-Inf	**209.63**
	runtime	0.00	0.00	0.06	0.08	0.00	0.01	0.21	0.01	0.06	0.02	0.56	0.25	0.10	0.05	0.11	0.12	23.30	2.09	22.23	1.55	1.36	23.22	22.40	0.72	0.53	6.52	17.20	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	0.94 GB	0.05 GB
gm37	value	**62.06**	62.39	**62.06**	**62.06**	62.39	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	**62.06**	62.05	**62.06**	-Inf	-Inf	-Inf	**62.06**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.03	0.01	0.02	0.01	0.06	0.02	0.01	0.00	0.01	0.01	0.35	0.19	0.66	0.07	0.04	3.88	4.14	0.08	0.18	6.18	11.08	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.42 GB	0.03 GB
gm38	value	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	**170.29**	170.24	170.19	**170.29**	-Inf	-Inf	-Inf	**170.29**
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.13	0.01	0.03	0.01	0.31	0.14	0.07	0.02	0.03	0.03	13.69	0.93	11.60	0.48	0.38	13.81	12.98	0.36	0.27	6.27	16.34	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.73 GB	0.04 GB
gm39	value	**51.04**	51.17	**51.04**	**51.04**	51.17	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	**51.04**	51.01	51.01	**51.04**	-Inf	-Inf	-Inf	**51.04**
	runtime	0.00	0.00	0.02	0.02	0.00	0.00	0.06	0.01	0.02	0.01	0.13	0.05	0.03	0.02	0.01	0.01	6.96	2.71	5.61	0.40	0.17	7.21	7.00	0.08	0.15	6.15	6.57	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB
gm4	value	**55.67**	55.86	**55.67**	**55.67**	55.86	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**	**55.67**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**55.67**	55.67	55.67	55.67	**55.67**	55.67	**55.67**	**55.67**	55.65	55.54	**55.67**	-Inf	-Inf	-Inf	**55.67**
	runtime	0.01	0.00	0.09	0.11	0.00	0.02	0.30	0.02	0.09	0.02	1.35	0.53	0.28	0.01	0.07	0.08	28.09	7.11	27.30	1.69	0.77	28.75	27.69	0.43	0.94	6.93	30.84	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.45 GB	0.06 GB
gm40	value	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	**28.36**	28.36	28.36	**28.36**	-Inf	-Inf	-Inf	**28.36**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.07	0.00	0.02	0.01	0.03	0.01	0.01	0.01	0.01	0.01	1.16	0.17	1.37	0.09	0.06	6.74	6.44	0.13	0.24	6.24	6.80	0.06
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB
gm41	value	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**52.70**	52.70	52.70	**52.70**	**52.70**	**52.70**	**52.70**	**52.70**	52.70	52.70	**52.70**	-Inf	-Inf	-Inf	**52.70**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.08	0.00	0.02	0.01	0.16	0.07	0.04	0.01	0.11	0.11	1.01	0.38	1.08	0.10	0.08	8.74	8.35	0.13	0.21	6.21	8.59	0.06
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.18 GB	0.03 GB
gm42	value	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	**84.25**	84.22	84.14	**84.25**	-Inf	-Inf	-Inf	**84.25**
	runtime	0.00	0.00	0.09	0.11	0.00	0.02	0.39	0.02	0.09	0.03	1.48	0.61	0.35	0.02	0.12	0.12	34.89	6.25	38.08	1.98	0.92	46.78	46.82	0.69	1.26	7.26	31.80	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	1.71 GB	0.07 GB
gm43	value	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	**83.83**	83.80	83.80	**83.83**	-Inf	-Inf	-Inf	**83.83**
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.16	0.01	0.03	0.01	0.16	0.06	0.03	0.01	0.07	0.07	5.80	1.00	5.00	0.47	0.34	11.95	11.53	0.26	0.28	6.27	7.62	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.10 GB	0.04 GB
gm44	value	**102.92**	103.68	**102.92**	**102.92**	103.68	103.35	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	**102.92**	102.90	102.88	**102.92**	-Inf	-Inf	-Inf	**102.92**
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.17	0.01	0.06	0.02	1.08	0.44	0.19	0.04	0.04	0.04	15.68	9.99	12.82	1.34	0.90	25.71	24.16	0.52	0.56	6.55	28.22	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.81 GB	0.06 GB
gm45	value	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	**138.87**	138.84	138.77	**138.87**	-Inf	-Inf	-Inf	**138.87**
	runtime	0.01	0.00	0.10	0.12	0.00	0.02	0.37	0.02	0.10	0.03	3.02	1.46	0.97	0.08	0.19	0.18	13.61	9.41	23.74	2.94	1.47	49.50	52.59	0.81	1.35	7.35	29.41	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	1.75 GB	0.08 GB
gm46	value	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	**102.44**	102.44	102.43	**102.44**	-Inf	-Inf	-Inf	**102.44**
	runtime	0.01	0.00	0.10	0.11	0.00	0.02	0.31	0.02	0.10	0.03	1.67	0.77	0.34	0.04	0.08	0.07	5.38	3.21	6.08	1.67	0.47	41.55	38.86	0.53	0.96	6.96	22.63	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.16 GB	0.07 GB
gm47	value	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	**53.11**	53.10	53.10	**53.11**	-Inf	-Inf	-Inf	**53.11**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.07	0.01	0.02	0.01	0.22	0.09	0.05	0.00	0.03	0.03	2.13	0.50	2.61	0.20	0.15	11.06	10.87	0.16	0.15	6.15	6.38	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm48	value	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	**84.41**	84.41	84.41	**84.41**	-Inf	-Inf	-Inf	**84.41**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.11	0.01	0.02	0.01	0.15	0.07	0.04	0.04	0.03	0.04	1.02	2.36	1.55	0.20	0.08	11.16	11.14	0.14	0.32	6.32	7.20	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.08 GB	0.03 GB
gm49	value	**138.09**	138.52	**138.09**	**138.09**	138.52	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	**138.09**	138.09	138.07	**138.09**	-Inf	-Inf	-Inf	**138.09**
	runtime	0.01	0.00	0.09	0.10	0.00	0.02	0.29	0.01	0.09	0.03	1.21	0.47	0.34	0.04	0.22	0.22	6.22	2.85	6.32	2.55	0.57	38.35	37.21	0.65	0.94	6.95	25.46	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.06 GB	0.06 GB	1.45 GB	0.07 GB
gm5	value	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	**56.39**	56.38	56.37	**56.39**	-Inf	-Inf	-Inf	**56.39**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.14	0.01	0.04	0.01	0.66	0.28	0.09	0.01	0.04	0.04	2.30	0.30	6.03	0.42	0.14	15.46	14.98	0.25	0.40	6.39	9.81	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.23 GB	0.04 GB
gm50	value	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**	108.26	**108.25**	**108.25**	**108.25**	**108.25**	**108.25**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**108.25**	**108.25**	**108.25**	108.25	**108.25**	108.25	**108.25**	**108.25**	108.22	108.05	**108.25**	-Inf	-Inf	-Inf	**108.25**
	runtime	0.00	0.00	0.08	0.09	0.00	0.02	0.23	0.01	0.08	0.03	0.55	0.21	1.61	0.08	0.27	0.27	22.04	2.29	21.49	1.42	2.14	22.87	21.67	0.50	0.96	6.97	24.35	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.06 GB	0.06 GB	1.41 GB	0.06 GB
gm51	value	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	**56.11**	56.09	56.08	**56.11**	-Inf	-Inf	-Inf	**56.11**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.10	0.01	0.02	0.00	0.09	0.04	0.02	0.02	0.15	0.15	3.60	0.31	2.62	0.15	0.29	6.04	5.77	0.07	0.06	6.06	6.25	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm52	value	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	**52.51**	52.47	52.44	**52.51**	-Inf	-Inf	-Inf	**52.51**
	runtime	0.00	0.00	0.04	0.04	0.00	0.01	0.10	0.01	0.04	0.01	0.43	0.19	0.10	0.07	0.08	0.08	6.55	5.99	6.05	1.03	0.40	14.51	13.85	0.20	0.24	6.23	6.83	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB
gm53	value	**99.49**	101.42	**99.49**	**99.49**	101.42	101.42	101.42	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**	**99.49**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**99.49**	99.49	99.49	99.49	**99.49**	99.49	**99.49**	**99.49**	99.45	99.30	**99.49**	-Inf	-Inf	-Inf	**99.49**
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.10	0.01	0.03	0.01	0.72	0.31	0.78	0.04	0.03	0.03	18.54	4.60	17.64	1.22	1.54	18.72	17.84	0.19	0.31	6.31	11.74	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.41 GB	0.04 GB
gm54	value	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	**68.98**	68.96	68.93	**68.98**	-Inf	-Inf	-Inf	**68.98**
	runtime	0.00	0.00	0.03	0.03	0.00	0.01	0.06	0.01	0.03	0.01	0.07	0.03	0.02	0.01	0.02	0.02	2.30	0.89	2.55	0.24	0.13	7.52	7.26	0.16	0.26	6.25	11.62	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.40 GB	0.03 GB
gm55	value	**112.50**	115.97	**112.50**	**112.50**	115.97	115.97	**112.50**	**112.50**	**112.50**	**112.50**	**112.50**	**112.50**	**112.50**	112.50	**112.50**	**112.50**	**112.50**	**112.50**	**112.50**	**112.50**	**112.50**	**112.50**	112.54	**112.50**	**112.50**	**112.50**	**112.50**	**112.50**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**112.64**	112.50	112.50	112.50	112.50	112.50	112.50	112.50	112.48	112.28	112.50	-Inf	-Inf	-Inf	112.50
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.18	0.01	0.04	0.01	0.30	0.16	0.11	0.40	0.09	0.23	6.91	14.47	6.92	1.06	0.76	14.53	13.90	0.28	0.23	6.23	6.68	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB
gm56	value	**52.84**	52.86	**52.84**	**52.84**	52.86	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**	**52.84**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**52.84**	**52.84**	**52.84**	52.84	**52.84**	52.84	**52.84**	**52.84**	52.80	52.79	**52.84**	-Inf	-Inf	-Inf	**52.84**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.07	0.01	0.02	0.01	0.11	0.05	0.02	0.02	0.03	0.03	7.64	2.85	7.41	0.49	0.29	7.61	7.29	0.14	0.23	6.23	27.43	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	1.66 GB	0.03 GB
gm57	value	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	**40.81**	40.80	40.79	**40.81**	-Inf	-Inf	-Inf	**40.81**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.05	0.00	0.01	0.00	0.03	0.01	0.01	0.04	0.02	0.02	1.96	1.91	2.53	0.08	0.07	4.23	4.18	0.06	0.11	6.11	6.63	0.03
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB
gm58	value	**135.47**	137.60	**135.47**	**135.47**	137.60	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	**135.47**	135.47	135.46	**135.47**	-Inf	-Inf	-Inf	**135.47**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.11	0.01	0.04	0.01	0.50	0.21	0.11	0.05	0.04	0.03	4.92	11.45	6.32	0.69	0.45	20.29	19.17	0.37	0.50	6.50	19.73	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	1.17 GB	0.05 GB
gm59	value	**103.42**	103.55	**103.42**	**103.42**	103.55	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**103.42**	103.42	103.42	**103.42**	**103.42**	**103.42**	**103.42**	**103.42**	103.39	103.36	**103.42**	-Inf	-Inf	-Inf	**103.42**
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.30	0.01	0.07	0.02	0.99	0.42	0.17	0.09	0.27	0.25	21.80	3.62	22.71	1.45	0.88	24.88	23.62	0.45	0.56	6.56	16.71	0.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	0.87 GB	0.06 GB
gm6	value	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	**43.11**	43.11	43.09	**43.11**	-Inf	-Inf	-Inf	**43.11**
	runtime	0.00	0.00	0.10	0.12	0.00	0.02	0.49	0.02	0.10	0.03	2.79	1.28	0.69	0.01	0.03	0.03	5.34	2.24	8.67	0.99	0.44	34.39	33.05	0.58	0.98	6.97	27.66	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.13 GB	0.06 GB
gm60	value	**90.18**	90.52	90.27	90.27	90.52	90.27	90.27	90.27	90.27	90.27	90.27	90.27	90.27	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**90.18**	90.18	90.18	**90.18**	**90.18**	**90.18**	**90.18**	**90.18**	90.17	90.16	**90.18**	-Inf	-Inf	-Inf	**90.18**
	runtime	0.01	0.01	0.11	0.13	0.00	0.02	0.24	0.02	0.11	0.03	0.73	0.29	0.12	0.02	0.12	0.11	7.89	3.64	8.53	2.02	0.56	37.07	37.43	1.02	1.07	7.06	25.77	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.06 GB	0.06 GB	1.54 GB	0.07 GB
gm61	value	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**	**52.34**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**52.34**	52.34	52.34	**52.34**	52.34	**52.34**	**52.34**	**52.34**	52.34	52.34	**52.34**	-Inf	-Inf	-Inf	**52.34**
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.08	0.00	0.02	0.01	0.06	0.02	0.02	0.21	0.18	0.26	2.27	6.84	1.45	0.23	0.14	6.87	6.69	0.13	0.12	6.12	6.40	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB
gm62	value	**234.53**	234.98	**234.53**	**234.53**	234.98	234.83	234.83	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**	**234.53**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**234.53**	234.53	234.53	234.53	**234.53**	234.53	**234.53**	**234.53**	234.38	234.12	**234.53**	-Inf	-Inf	-Inf	**234.53**
	runtime	0.00	0.00	0.09	0.11	0.00	0.03	0.71	0.01	0.09	0.03	1.78	0.69	0.37	0.62	0.13	0.14	48.84	29.13	46.21	5.40	4.15	46.92	45.98	0.73	0.48	6.48	8.73	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.11 GB	0.06 GB
gm63	value	**318.07**	324.31	**318.07**	**318.07**	324.31	318.64	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	**318.07**	318.02	317.76	**318.07**	-Inf	-Inf	-Inf	**318.07**
	runtime	0.01	0.00	0.10	0.11	0.00	0.03	0.35	0.02	0.10	0.03	2.28	0.97	0.48	0.26	0.08	0.08	21.43	8.96	33.26	2.59	2.04	42.01	41.59	1.06	0.94	6.95	19.87	0.17
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.05 GB	0.07 GB
gm64	value	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**	**65.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**65.39**	65.39	65.39	65.39	**65.39**	65.39	**65.39**	**65.39**	65.33	65.30	**65.39**	-Inf	-Inf	-Inf	**65.39**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.11	0.01	0.03	0.01	0.05	0.02	0.01	0.02	0.05	0.06	9.57	2.02	9.03	0.63	0.56	9.68	9.20	0.14	0.13	6.13	6.37	0.05
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm65	value	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	**111.16**	111.16	111.16	**111.16**	-Inf	-Inf	-Inf	**111.16**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.12	0.01	0.05	0.01	0.12	0.04	0.03	0.02	0.03	0.03	1.68	1.36	2.11	0.37	0.20	14.34	16.72	0.39	0.58	6.58	28.59	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	1.87 GB	0.05 GB
gm66	value	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	**74.92**	74.91	74.90	**74.92**	-Inf	-Inf	-Inf	**74.92**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.05	0.00	0.01	0.00	0.07	0.03	0.01	0.02	0.02	0.02	1.61	0.48	1.73	0.09	0.06	5.46	5.24	0.12	0.12	6.12	6.43	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB
gm67	value	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	**36.55**	-Inf	-Inf	-Inf	**36.55**
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.18	0.00	0.01	0.00	0.04	0.02	0.01	0.00	0.00	0.00	0.25	0.01	0.25	0.01	0.01	2.57	2.59	0.03	0.02	6.02	6.06	0.02
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.00 GB	0.00 GB	0.00 GB	0.02 GB
gm68	value	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	**73.36**	73.36	73.36	**73.36**	-Inf	-Inf	-Inf	**73.36**
	runtime	0.00	0.00	0.02	0.02	0.00	0.00	0.07	0.00	0.02	0.01	0.10	0.04	0.03	0.01	0.05	0.06	1.14	0.31	1.49	0.17	0.09	7.69	7.28	0.11	0.15	6.15	6.34	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm69	value	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	**72.33**	72.33	72.33	**72.33**	-Inf	-Inf	-Inf	**72.33**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.06	0.00	0.02	0.01	0.09	0.03	0.03	0.00	0.05	0.05	1.29	0.30	1.29	0.09	0.07	6.33	6.16	0.10	0.08	6.08	6.33	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm7	value	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**	112.16	**112.14**	**112.14**	**112.14**	**112.14**	**112.14**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**112.14**	**112.14**	**112.14**	112.14	**112.14**	112.14	**112.14**	**112.14**	112.11	111.92	**112.14**	-Inf	-Inf	-Inf	**112.14**
	runtime	0.00	0.00	0.08	0.09	0.00	0.02	0.24	0.01	0.08	0.03	1.85	0.73	0.66	0.02	0.12	0.13	51.32	9.06	48.68	6.24	1.77	51.12	49.40	0.42	1.02	7.04	23.22	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.09 GB	0.06 GB
gm70	value	**34.84**	34.99	**34.84**	**34.84**	34.99	34.99	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**34.84**	34.84	34.84	**34.84**	**34.84**	**34.84**	**34.84**	**34.84**	34.81	34.79	**34.84**	-Inf	-Inf	-Inf	**34.84**
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.03	0.00	0.01	0.00	0.04	0.02	0.01	0.00	0.02	0.01	1.76	0.23	2.03	0.07	0.09	2.79	2.74	0.04	0.03	6.03	6.11	0.02
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.00 GB	0.01 GB	0.01 GB	0.02 GB
gm71	value	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	**132.52**	132.46	132.47	**132.52**	-Inf	-Inf	-Inf	**132.52**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.15	0.01	0.02	0.01	0.33	0.13	0.06	0.01	0.07	0.07	6.34	3.06	4.95	0.43	0.25	13.00	12.40	0.27	0.16	6.16	6.35	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB
gm72	value	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**	**126.08**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**126.08**	**126.08**	**126.08**	126.08	**126.08**	126.08	**126.08**	**126.08**	126.05	126.00	**126.08**	-Inf	-Inf	-Inf	**126.08**
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.30	0.01	0.03	0.01	0.13	0.05	0.03	0.01	0.03	0.02	12.07	1.21	11.34	0.30	0.39	12.22	11.31	0.20	0.12	6.12	6.38	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm73	value	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**62.59**	62.59	62.59	**62.59**	**62.59**	**62.59**	**62.59**	**62.59**	62.56	62.54	**62.59**	-Inf	-Inf	-Inf	**62.59**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.13	0.00	0.01	0.00	0.03	0.01	0.01	0.00	0.09	0.09	4.44	0.16	4.76	0.17	0.14	5.62	5.45	0.05	0.04	6.04	6.16	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm74	value	**332.39**	342.19	332.92	332.92	342.19	339.71	333.78	332.92	332.92	332.92	332.92	332.92	332.92	**332.39**	332.62	332.62	**332.39**	**332.39**	**332.39**	**332.39**	**332.39**	**332.39**	332.94	**332.39**	332.41	**332.39**	**332.39**	**332.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**332.39**	332.39	332.39	332.35	**332.39**	332.32	**332.39**	**332.39**	332.20	331.36	**332.39**	-Inf	-Inf	-Inf	**332.39**
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.28	0.01	0.05	0.02	1.65	0.69	0.23	0.27	0.38	0.60	28.79	20.46	31.82	18.21	14.18	29.41	30.47	0.63	0.62	6.62	10.86	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.23 GB	0.05 GB
gm75	value	**189.63**	192.84	**189.63**	**189.63**	192.84	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**	**189.63**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	189.52	**189.63**	**189.63**	**189.63**	189.62	**189.63**	**189.63**	**189.63**	189.63	189.62	**189.63**	-Inf	-Inf	-Inf	**189.63**
	runtime	0.00	0.00	0.06	0.08	0.00	0.02	0.21	0.01	0.07	0.02	0.84	0.32	0.13	0.68	0.09	0.09	4.25	31.17	5.64	1.71	0.42	31.38	33.89	0.65	0.63	6.63	28.15	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.83 GB	0.06 GB
gm76	value	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	**101.66**	101.62	101.58	**101.66**	-Inf	-Inf	-Inf	**101.66**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.31	0.01	0.04	0.02	0.42	0.17	0.10	0.02	0.06	0.06	12.65	3.21	11.85	0.38	0.59	17.37	16.57	0.37	0.49	6.49	23.81	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.49 GB	0.05 GB
gm77	value	**167.62**	170.46	**167.62**	**167.62**	170.46	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	**167.62**	167.60	167.46	**167.62**	-Inf	-Inf	-Inf	**167.62**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.16	0.01	0.02	0.01	0.11	0.05	0.02	0.01	0.09	0.09	2.11	0.75	4.33	0.22	0.15	8.48	8.22	0.19	0.08	6.08	6.30	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm78	value	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	**27.52**	27.50	27.50	**27.52**	-Inf	-Inf	-Inf	**27.52**
	runtime	0.00	0.00	0.02	0.02	0.00	0.00	0.05	0.00	0.02	0.01	0.17	0.07	0.04	0.01	0.01	0.01	3.85	0.95	3.16	0.19	0.11	7.78	7.40	0.11	0.17	6.17	6.66	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB
gm79	value	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**	**99.61**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**99.61**	99.61	99.61	99.61	99.61	99.61	**99.61**	**99.61**	99.50	99.43	**99.61**	-Inf	-Inf	-Inf	**99.61**
	runtime	0.01	0.01	0.17	0.20	0.00	0.03	0.43	0.02	0.18	0.05	3.45	1.52	0.68	0.40	0.30	0.34	74.69	71.65	74.54	8.46	7.53	74.13	72.75	1.46	1.99	7.98	26.17	0.26
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.11 GB	0.11 GB	1.25 GB	0.09 GB
gm8	value	**117.05**	120.49	**117.05**	**117.05**	120.49	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**	**117.05**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	116.79	117.05	117.05	**117.05**	117.05	**117.05**	**117.05**	**117.05**	117.04	117.00	**117.05**	-Inf	-Inf	-Inf	**117.05**
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.19	0.01	0.05	0.02	0.58	0.29	0.14	0.59	0.11	0.28	8.02	24.51	9.12	1.20	0.88	24.90	23.16	0.51	0.57	6.58	24.48	0.11
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.46 GB	0.05 GB
gm80	value	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**	**95.83**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**95.83**	95.83	95.83	95.83	**95.83**	95.83	**95.83**	**95.83**	95.75	95.66	**95.83**	-Inf	-Inf	-Inf	**95.83**
	runtime	0.00	0.00	0.04	0.04	0.00	0.01	0.17	0.01	0.04	0.01	0.18	0.08	0.04	0.19	0.07	0.07	13.80	9.30	13.25	0.75	1.23	13.93	13.24	0.12	0.34	6.34	14.68	0.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.68 GB	0.04 GB
gm81	value	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**	**109.52**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**109.52**	109.52	109.52	109.52	**109.52**	109.52	**109.52**	**109.52**	109.34	109.29	**109.52**	-Inf	-Inf	-Inf	**109.52**
	runtime	0.00	0.00	0.07	0.08	0.00	0.01	0.17	0.02	0.07	0.02	0.66	0.28	0.15	0.09	0.31	0.33	23.66	6.25	22.88	7.89	1.32	24.21	23.54	0.28	0.56	6.56	31.61	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.91 GB	0.04 GB
gm82	value	**191.01**	192.79	**191.01**	**191.01**	192.79	192.51	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**	**191.01**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**191.01**	191.01	191.01	191.01	**191.01**	191.01	**191.01**	**191.01**	190.94	190.86	**191.01**	-Inf	-Inf	-Inf	**191.01**
	runtime	0.01	0.00	0.09	0.11	0.00	0.02	0.62	0.01	0.09	0.03	1.25	0.53	0.35	0.01	0.12	0.12	46.71	9.09	46.27	4.26	2.40	46.51	44.33	0.64	0.69	6.70	14.20	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.48 GB	0.06 GB
gm83	value	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	**62.48**	62.48	62.48	**62.48**	-Inf	-Inf	-Inf	**62.48**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.08	0.01	0.02	0.01	0.10	0.04	0.02	0.00	0.02	0.02	0.81	0.30	1.20	0.11	0.08	8.42	8.25	0.12	0.23	6.23	6.92	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.03 GB
gm84	value	**147.25**	147.74	**147.25**	**147.25**	147.74	147.74	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	**147.25**	147.23	147.19	**147.25**	-Inf	-Inf	-Inf	**147.25**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.17	0.01	0.05	0.02	0.64	0.25	0.16	0.10	0.03	0.03	5.29	5.45	9.53	0.99	0.69	21.18	20.44	0.33	0.45	6.45	27.86	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.80 GB	0.05 GB
gm85	value	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	**25.04**	25.04	25.04	**25.04**	-Inf	-Inf	-Inf	**25.04**
	runtime	0.00	0.00	0.01	0.01	0.00	0.00	0.03	0.00	0.01	0.00	0.03	0.01	0.01	0.01	0.01	0.01	0.38	0.12	0.37	0.02	0.02	3.27	3.21	0.05	0.08	6.08	6.30	0.03
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
gm86	value	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	95.58	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**	**95.31**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**95.31**	95.31	95.31	95.31	**95.31**	95.31	**95.31**	**95.31**	95.27	95.21	**95.31**	-Inf	-Inf	-Inf	**95.31**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.14	0.01	0.05	0.02	0.51	0.22	0.11	0.02	0.34	0.47	15.59	4.18	18.89	0.75	1.77	19.90	18.70	0.31	0.38	6.38	37.38	0.09
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	1.84 GB	0.05 GB
gm87	value	**167.96**	168.33	**167.96**	**167.96**	168.33	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	**167.96**	167.95	167.89	**167.96**	-Inf	-Inf	-Inf	**167.96**
	runtime	0.01	0.01	0.09	0.10	0.00	0.02	0.23	0.02	0.08	0.03	1.91	0.79	0.35	0.02	0.11	0.11	13.50	3.89	16.59	3.18	1.16	63.05	64.25	0.90	0.90	6.90	24.65	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.06 GB	0.06 GB	1.45 GB	0.07 GB
gm88	value	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	**46.73**	46.72	46.71	**46.73**	-Inf	-Inf	-Inf	**46.73**
	runtime	0.00	0.00	0.02	0.02	0.00	0.01	0.08	0.00	0.02	0.01	0.02	0.01	0.01	0.01	0.05	0.04	2.32	0.43	2.96	0.12	0.17	8.33	7.99	0.08	0.12	6.12	6.63	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB
gm89	value	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	**59.50**	59.50	59.50	**59.50**	-Inf	-Inf	-Inf	**59.50**
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.21	0.01	0.03	0.01	0.15	0.06	0.03	0.02	0.02	0.02	1.58	1.52	1.67	0.17	0.13	13.24	12.69	0.14	0.26	6.26	6.88	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB
gm9	value	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**	**119.13**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**119.13**	**119.13**	**119.13**	119.13	**119.13**	119.13	**119.13**	**119.13**	119.08	118.96	**119.13**	-Inf	-Inf	-Inf	**119.13**
	runtime	0.00	0.00	0.07	0.09	0.00	0.02	0.24	0.01	0.07	0.02	1.63	0.71	0.35	0.01	0.11	0.12	43.60	3.97	42.82	4.00	2.42	44.68	42.46	0.61	0.93	6.93	21.22	0.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.06 GB	0.06 GB
gm90	value	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	**18.86**	-Inf	-Inf	-Inf	**18.86**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.06	0.00	0.01	0.00	0.04	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08	0.10	6.10	6.16	0.04
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm91	value	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**	**103.96**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**103.96**	**103.96**	**103.96**	103.96	**103.96**	**103.96**	**103.96**	**103.96**	103.96	103.96	**103.96**	-Inf	-Inf	-Inf	**103.96**
	runtime	0.01	0.01	0.07	0.09	0.00	0.02	0.23	0.02	0.07	0.03	0.51	0.25	0.10	0.16	0.05	0.05	6.83	4.34	5.13	0.83	0.47	37.84	40.00	0.78	1.52	7.52	16.56	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.05 GB	0.09 GB	0.09 GB	0.77 GB	0.07 GB

geo-surf-3		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm92	value	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**73.67**	73.67	73.67	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	**73.67**	-Inf	-Inf	-Inf	**73.67**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.24	0.00	0.02	0.01	0.12	0.05	0.03	0.01	0.10	0.10	0.64	0.14	0.95	0.10	0.04	6.61	9.64	0.09	0.09	6.09	6.31	0.06
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm93	value	**131.11**	131.22	**131.11**	**131.11**	131.22	131.22	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	131.16	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**131.11**	**131.11**	**131.11**	**131.11**	**131.11**	131.11	**131.11**	**131.11**	131.03	130.87	**131.11**	-Inf	-Inf	-Inf	**131.11**
	runtime	0.01	0.01	0.16	0.19	0.01	0.03	0.72	0.03	0.16	0.06	4.57	1.93	0.98	0.34	0.10	0.10	70.50	46.92	73.59	6.06	2.52	74.38	75.04	1.42	1.76	7.76	30.07	0.28
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.06 GB	0.07 GB	0.08 GB	1.69 GB	0.10 GB
gm94	value	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	**142.79**	142.79	142.78	**142.79**	-Inf	-Inf	-Inf	**142.79**
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	0.28	0.01	0.05	0.07	0.38	0.15	0.07	0.01	0.49	0.53	2.94	1.24	4.38	0.41	0.20	25.01	27.87	0.50	0.90	6.90	26.13	0.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	1.66 GB	0.06 GB
gm95	value	**117.58**	119.15	117.89	117.89	119.15	118.79	118.31	117.89	117.89	117.89	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**	**117.58**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**117.58**	**117.58**	**117.58**	117.58	**117.58**	117.58	**117.58**	**117.58**	117.53	117.36	**117.58**	-Inf	-Inf	-Inf	**117.58**
	runtime	0.00	0.00	0.11	0.12	0.00	0.01	0.16	0.02	0.11	0.04	0.74	0.33	0.16	0.06	0.05	0.05	26.25	10.12	25.59	1.97	1.97	26.13	25.60	0.49	0.66	6.66	27.39	0.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	1.55 GB	0.05 GB
gm96	value	**155.35**	156.70	**155.35**	**155.35**	156.70	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	**155.35**	155.33	155.31	**155.35**	-Inf	-Inf	-Inf	**155.35**
	runtime	0.01	0.01	0.18	0.21	0.01	0.04	0.40	0.03	0.18	0.05	2.98	1.21	0.43	0.05	0.07	0.07	45.48	8.31	34.27	2.78	1.40	80.66	80.49	2.56	2.45	8.47	29.05	0.32
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.07 GB	0.14 GB	0.14 GB	1.75 GB	0.11 GB
gm97	value	**235.76**	235.94	**235.76**	**235.76**	235.94	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**235.76**	**235.76**	**235.76**	**235.76**	**235.76**	235.76	**235.76**	**235.76**	235.74	235.65	**235.76**	-Inf	-Inf	-Inf	**235.76**
	runtime	0.00	0.00	0.06	0.08	0.00	0.02	0.36	0.01	0.06	0.02	0.72	0.36	0.16	0.04	0.07	0.07	18.31	4.56	29.00	1.39	1.93	30.02	27.73	0.75	0.69	6.68	12.01	0.15
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	0.41 GB	0.06 GB
gm98	value	**57.40**	57.78	**57.40**	**57.40**	57.78	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	**57.40**	57.40	57.40	**57.40**	-Inf	-Inf	-Inf	**57.40**
	runtime	0.00	0.00	0.03	0.03	0.00	0.01	0.10	0.01	0.03	0.01	0.50	0.21	0.07	0.00	0.03	0.03	2.18	0.67	2.42	0.15	0.11	11.94	11.31	0.20	0.20	6.20	6.52	0.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.04 GB
gm99	value	**76.17**	77.55	**76.17**	**76.17**	77.55	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	**76.17**	76.17	76.16	**76.17**	-Inf	-Inf	-Inf	**76.17**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.12	0.01	0.04	0.01	0.55	0.25	0.07	0.01	0.03	0.04	3.00	0.86	3.43	0.41	0.20	14.51	13.52	0.35	0.40	6.40	13.78	0.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.58 GB	0.05 GB
mean energy		132.14	132.77	132.17	132.17	132.77	132.36	132.21	132.17	132.17	132.17	132.16	132.16	132.16	132.14	132.14	132.14	132.14	132.14	132.14	132.14	132.14	132.14	132.14	132.14	132.14	132.14	132.14	132.14
mean bound		-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	132.14	132.14	132.14	132.14	132.14	132.14	132.14	132.14	132.09	131.99	132.14	-Inf	-Inf	-Inf	132.14
mean runtime		0.00	0.00	0.07	0.09	0.00	0.02	0.30	0.02	0.07	0.03	1.14	0.60	0.49	0.12	0.15	0.16	21.88	9.57	22.37	2.78	1.80	31.74	31.06	0.55	0.66	6.67	17.99	0.13
best value		98.00	44.33	90.67	91.33	44.33	69.00	87.67	90.67	90.67	90.67	94.33	94.67	95.33	98.00	98.00	98.67	100.00	100.00	100.00	100.00	100.00	98.67	89.67	100.00	99.33	99.67	100.00	100.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.00	62.33	64.00	65.00	92.00	60.33	97.33	97.33	3.00	2.00	97.33	0.00	0.00	0.00	97.33
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.00	63.00	64.67	66.67	92.33	61.67	100.00	100.00	3.00	2.00	100.00	0.00	0.00	0.00	100.00

Table 11: geo-surf-7

geo-surf-7		α-Exp-QPBO	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm1	value	**499.52**	1160.88	535.42	535.42	1167.75	970.35	856.12	535.42	535.42	535.42	517.68	517.68	517.68	**499.52**	**499.52**	**499.52**	**499.52**	**499.52**	**499.52**	**499.52**	**499.52**	500.15	502.13	**499.52**	**499.52**	**499.52**	**499.52**	**499.52**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**499.52**	**499.52**	**499.52**	499.36	**499.52**	498.58	**499.52**	**499.52**	494.82	483.92	**499.52**	-Inf	-Inf	-Inf	**499.52**
	runtime	0.02	0.02	0.47	0.51	0.01	0.19	7.12	0.09	0.46	0.15	10.71	9.56	6.20	0.29	0.91	0.93	57.12	38.25	54.28	19.41	14.68	57.72	53.49	1.89	1.24	7.24	30.63	0.83
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.17 GB	0.05 GB	0.05 GB	0.85 GB	0.29 GB
gm10	value	802.34	1498.22	853.06	852.89	1498.22	1123.82	983.94	866.06	853.06	836.45	805.11	805.70	810.40	**782.93**	**782.93**	**782.93**	**782.93**	**782.93**	788.66	**782.93**	**782.93**	785.70	795.77	**782.93**	802.43	**782.93**	**782.93**	**782.93**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**782.93**	**782.93**	**782.93**	781.38	**782.93**	769.96	**782.93**	**782.93**	767.63	727.46	**782.93**	-Inf	-Inf	-Inf	**782.93**
	runtime	0.04	0.02	1.83	1.92	0.01	0.55	30.85	22.96	1.78	0.73	26.16	26.11	25.16	1.61	3.30	3.27	115.55	102.67	113.21	83.61	97.79	115.30	113.15	31.75	3600.00	3600.01	3600.00	4.76
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.38 GB	0.55 GB	1.11 GB	1.17 GB	0.67 GB
gm100	value	**220.96**	424.71	227.29	227.29	424.71	375.32	297.22	227.29	227.29	227.29	227.29	227.29	227.29	**220.96**	**220.96**	**220.96**	**220.96**	**220.96**	**220.96**	**220.96**	**220.96**	**220.96**	227.29	**220.96**	**220.96**	**220.96**	**220.96**	**220.96**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**220.96**	**220.96**	**220.96**	220.66	**220.96**	218.91	**220.96**	**220.96**	216.86	210.48	**220.96**	-Inf	-Inf	-Inf	**220.96**
	runtime	0.00	0.00	0.19	0.21	0.00	0.04	2.55	0.05	0.20	0.06	2.89	2.50	1.64	0.12	0.15	0.15	15.70	12.09	15.27	3.16	5.58	15.64	15.07	0.57	1.56	7.58	42.33	0.25
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	1.34 GB	0.10 GB
gm101	value	**150.85**	362.28	165.39	165.39	362.28	165.02	157.32	165.39	165.39	165.39	157.15	157.15	157.15	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**	**150.85**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**150.85**	**150.85**	**150.85**	150.83	**150.85**	150.64	**150.85**	**150.85**	147.57	140.95	**150.85**	-Inf	-Inf	-Inf	**150.85**
	runtime	0.00	0.00	0.07	0.07	0.00	0.04	0.33	0.02	0.07	0.03	0.54	0.23	0.12	0.05	0.06	0.06	4.99	1.26	4.67	0.44	1.39	4.79	4.67	0.18	0.88	6.91	23.74	0.10
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	0.67 GB	0.05 GB
gm102	value	**582.56**	1502.43	628.35	628.35	1502.43	966.04	752.33	629.89	628.35	629.89	621.07	614.54	614.54	**582.56**	**582.56**	**582.56**	**582.56**	**582.56**	582.67	**582.56**	**582.56**	582.67	599.40	**582.56**	586.89	**582.56**	**582.56**	**582.56**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**582.56**	**582.56**	**582.56**	579.00	582.17	573.67	581.89	581.11	570.73	541.37	**582.56**	-Inf	-Inf	-Inf	**582.56**
	runtime	0.02	0.01	0.65	0.67	0.00	0.17	8.39	0.19	0.63	0.27	9.64	9.79	9.03	0.71	3.32	3.30	60.65	61.02	59.27	61.65	58.97	60.14	58.88	3.53	268.82	321.64	39.69	1.25
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.12 GB	0.11 GB	1.16 GB	0.28 GB
gm103	value	306.55	522.13	**305.34**	**305.34**	528.12	505.78	492.40	**305.34**	**305.34**	**305.34**	**305.34**	**305.34**	313.16	**305.34**	**305.34**	**305.34**	**305.34**	**305.34**	**305.34**	**305.34**	**305.34**	**305.34**	305.54	**305.34**	**305.34**	**305.34**	**305.34**	**305.34**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**305.34**	**305.34**	**305.34**	305.32	**305.34**	305.06	**305.34**	**305.34**	303.09	298.60	**305.34**	-Inf	-Inf	-Inf	**305.34**
	runtime	0.01	0.01	0.13	0.15	0.00	0.05	1.93	0.04	0.14	0.06	3.36	1.60	3.02	0.09	0.11	0.11	16.20	3.51	15.66	1.57	4.42	16.25	15.55	0.53	2.33	8.39	54.11	0.27
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.10 GB	0.10 GB	1.80 GB	0.12 GB
gm104	value	**499.64**	676.95	501.61	501.61	676.95	501.61	501.61	501.61	501.61	501.61	**499.64**	**499.64**	**499.64**	**499.64**	**499.64**	**499.64**	**499.64**	**499.64**	**499.64**	**499.64**	**499.64**	**499.64**	501.61	**499.64**	**499.64**	**499.64**	**499.64**	**499.64**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**499.64**	**499.64**	**499.64**	499.48	**499.64**	499.12	**499.64**	**499.64**	497.79	491.31	**499.64**	-Inf	-Inf	-Inf	**499.64**
	runtime	0.01	0.02	0.59	0.63	0.01	0.11	2.41	0.19	0.57	0.21	8.03	4.87	3.19	0.16	0.42	0.42	39.76	8.86	41.49	8.15	8.86	39.43	40.53	1.23	1.67	7.75	40.90	0.65
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.16 GB	0.07 GB	0.07 GB	1.43 GB	0.26 GB
gm105	value	231.75	326.06	**231.49**	**231.49**	326.06	323.65	323.65	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**	231.75	232.37	**231.49**	**231.49**	**231.49**	**231.49**	**231.49**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**231.49**	231.49	231.49	231.30	231.48	230.36	**231.49**	**231.49**	227.82	221.97	**231.49**	-Inf	-Inf	-Inf	**231.49**
	runtime	0.00	0.00	0.45	0.45	0.00	0.03	1.10	0.14	0.47	0.16	2.12	0.90	0.52	0.12	0.17	0.17	12.65	12.41	11.94	2.89	2.81	12.47	11.93	0.37	1.55	7.59	26.91	0.27
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.07 GB	0.07 GB	0.81 GB	0.10 GB
gm106	value	**96.87**	139.65	**96.87**	**96.87**	139.65	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**	**96.87**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**96.87**	**96.87**	**96.87**	96.87	**96.87**	96.85	**96.87**	**96.87**	95.72	94.44	**96.87**	-Inf	-Inf	-Inf	**96.87**
	runtime	0.00	0.00	0.03	0.03	0.00	0.02	0.27	0.01	0.03	0.02	0.27	0.10	0.08	0.02	0.01	0.01	3.49	0.66	3.35	0.22	0.18	3.44	3.37	0.11	0.92	6.92	7.13	0.08
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	0.05 GB	0.04 GB
gm107	value	**551.16**	915.41	576.32	576.32	915.41	667.92	665.39	576.32	576.32	576.32	562.48	562.48	693.81	**551.16**	**551.16**	**551.16**	**551.16**	**551.16**	551.59	**551.16**	**551.16**	552.18	557.82	**551.16**	**551.16**	**551.16**	**551.16**	**551.16**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**551.16**	**551.16**	**551.16**	550.40	**551.16**	543.37	**551.16**	**551.16**	541.90	517.58	**551.16**	-Inf	-Inf	-Inf	**551.16**
	runtime	0.03	0.02	0.89	0.94	0.01	0.21	8.24	0.21	0.92	0.28	15.92	16.54	15.37	0.59	3.05	3.04	105.21	89.05	102.22	39.06	64.91	104.62	103.45	2.46	4.42	10.45	54.33	1.46
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.27 GB	0.09 GB	0.09 GB	1.79 GB	0.46 GB
gm108	value	**362.39**	369.44	381.90	381.90	369.44	369.44	369.44	381.90	381.90	381.90	374.37	363.35	363.35	**362.39**	**362.39**	**362.39**	**362.39**	**362.39**	**362.39**	**362.39**	**362.39**	364.80	373.96	**362.39**	**362.39**	**362.39**	**362.39**	**362.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**362.39**	**362.39**	**362.39**	362.24	**362.39**	360.29	**362.39**	**362.39**	356.68	343.63	**362.39**	-Inf	-Inf	-Inf	**362.39**
	runtime	0.01	0.00	0.13	0.15	0.00	0.03	0.93	0.04	0.14	0.05	2.26	0.95	0.42	0.16	0.39	0.39	11.86	5.02	11.24	4.74	4.12	11.79	11.22	0.72	1.72	7.71	27.42	0.35
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.07 GB	0.07 GB	0.88 GB	0.10 GB
gm109	value	**471.84**	563.17	484.54	484.54	563.17	523.70	521.68	473.70	484.54	473.70	473.70	580.17	844.26	**471.84**	**471.84**	**471.84**	**471.84**	**471.84**	472.74	**471.84**	**471.84**	472.79	484.22	**471.84**	**471.84**	**471.84**	**471.84**	**471.84**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**471.84**	471.84	471.84	470.26	471.83	467.14	**471.84**	471.84	462.71	441.91	**471.84**	-Inf	-Inf	-Inf	**471.84**
	runtime	0.02	0.01	0.45	0.53	0.01	0.12	14.78	0.16	0.46	0.22	8.24	8.22	7.53	0.30	0.86	0.86	69.68	77.02	72.83	35.36	19.47	69.60	73.96	1.24	13.40	17.37	36.60	0.76
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.14 GB	0.05 GB	0.05 GB	0.71 GB	0.24 GB
gm11	value	**48.12**	80.83	**48.12**	**48.12**	80.83	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	**48.12**	47.93	47.71	**48.12**	-Inf	-Inf	-Inf	**48.12**
	runtime	0.00	0.00	0.03	0.04	0.00	0.02	0.65	0.00	0.03	0.01	0.43	0.19	0.09	0.01	0.01	0.01	2.11	0.19	3.01	0.09	0.05	4.46	4.33	0.11	0.04	6.04	6.09	0.08
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB
gm110	value	**549.39**	841.59	588.74	588.74	841.59	552.71	551.74	588.82	588.74	588.74	**549.39**	**549.39**	**549.39**	**549.39**	550.16	550.16	**549.39**	**549.39**	550.16	**549.39**	**549.39**	551.88	554.91	**549.39**	**549.39**	**549.39**	**549.39**	**549.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**549.39**	549.39	549.39	548.38	549.33	544.96	549.34	**549.39**	540.63	524.02	**549.39**	-Inf	-Inf	-Inf	**549.39**
	runtime	0.02	0.02	0.87	0.92	0.01	0.21	6.20	0.24	0.90	0.29	12.70	13.22	8.94	0.47	2.87	3.82	82.80	86.84	82.32	84.69	61.68	82.83	81.50	2.58	14.65	21.80	42.70	1.25
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.22 GB	0.08 GB	0.08 GB	1.32 GB	0.39 GB
gm111	value	**340.44**	587.78	369.08	369.08	587.78	582.99	389.16	369.08	369.08	369.08	343.77	477.60	471.95	**340.44**	**340.44**	**340.44**	**340.44**	**340.44**	340.90	**340.44**	**340.44**	343.09	347.22	**340.44**	**340.44**	**340.44**	**340.44**	**340.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**340.44**	**340.44**	**340.44**	339.46	**340.44**	337.29	340.44	**340.44**	332.67	310.06	**340.44**	-Inf	-Inf	-Inf	**340.44**
	runtime	0.01	0.01	0.19	0.23	0.00	0.07	16.12	0.05	0.19	0.07	4.31	4.05	3.70	0.16	0.29	0.29	35.85	17.91	34.07	16.05	11.39	35.69	34.30	0.79	1.50	7.55	26.51	0.42
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.06 GB	0.06 GB	0.70 GB	0.13 GB
gm112	value	**812.78**	1354.57	874.78	874.78	1354.57	906.56	900.75	874.78	874.78	874.78	814.72	**812.78**	**812.78**	**812.78**	**812.78**	**812.78**	**812.78**	**812.78**	**812.78**	**812.78**	**812.78**	**812.78**	837.51	**812.78**	852.12	813.05	813.05	**812.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**812.78**	812.78	812.78	812.17	812.77	806.21	**812.78**	**812.78**	804.26	774.81	**812.78**	-Inf	-Inf	-Inf	**812.78**
	runtime	0.03	0.02	1.10	1.17	0.01	0.26	6.78	0.24	1.07	0.33	16.12	16.13	15.29	0.59	1.79	1.79	178.36	180.97	172.27	107.11	77.76	176.15	170.87	3.78	3600.00	731.77	104.80	2.26
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.02 GB	0.05 GB	0.02 GB	0.05 GB	0.02 GB	0.27 GB	0.31 GB	0.15 GB	2.08 GB	0.47 GB
gm113	value	**740.69**	1514.44	771.44	771.44	1514.44	1134.18	1134.18	769.52	771.44	769.52	740.74	744.71	808.00	**740.69**	**740.69**	**740.69**	740.97	**740.69**	744.13	**740.69**	**740.69**	744.50	754.54	**740.69**	743.70	**740.69**	**740.69**	**740.69**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**740.69**	740.69	740.69	738.74	740.51	735.09	740.57	740.69	731.16	708.94	**740.69**	-Inf	-Inf	-Inf	**740.69**
	runtime	0.02	0.02	0.83	0.89	0.01	0.18	5.98	0.15	0.80	0.21	12.61	12.64	11.95	0.85	3.76	3.74	90.94	89.38	87.06	87.82	85.14	87.87	87.56	2.04	3600.00	3600.00	3600.00	1.32
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.22 GB	0.27 GB	0.25 GB	2.52 GB	0.37 GB
gm114	value	**698.75**	1083.64	716.84	716.69	1083.64	953.53	949.91	698.90	716.84	698.90	**698.75**	**698.75**	**698.75**	**698.75**	**698.75**	**698.75**	**698.75**	**698.75**	701.23	**698.75**	**698.75**	702.26	728.30	**698.75**	**698.75**	700.25	700.25	**698.75**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**698.75**	**698.75**	**698.75**	697.72	698.71	692.67	698.69	698.69	690.07	647.82	**698.75**	-Inf	-Inf	-Inf	**698.75**
	runtime	0.03	0.03	2.86	2.90	0.02	0.29	12.16	0.30	2.77	0.46	20.24	21.26	20.07	1.04	5.15	5.12	153.09	151.89	144.16	149.11	142.73	149.50	141.64	3.54	3600.00	3600.00	3600.00	2.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.32 GB	0.78 GB	0.76 GB	2.25 GB	0.54 GB
gm115	value	1009.36	1706.20	1029.35	1029.35	1706.20	1706.20	1387.37	1029.35	1029.35	1029.35	1001.32	1001.32	1001.32	**995.60**	998.53	996.92	997.12	**995.60**	1023.20	**995.60**	**995.60**	1013.18	1035.24	**995.60**	1001.44	998.05	998.05	**995.60**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**995.60**	995.60	995.60	991.11	994.05	977.95	995.26	995.34	977.06	913.45	**995.60**	-Inf	-Inf	-Inf	**995.60**
	runtime	0.03	0.01	0.90	1.00	0.00	0.10	12.37	0.22	0.90	0.31	14.24	14.89	13.97	4.88	10.08	11.88	105.55	107.76	101.06	103.59	99.96	104.35	103.33	18.06	3600.00	3600.00	3600.00	3.29
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.25 GB	0.79 GB	0.87 GB	2.87 GB	0.43 GB
gm116	value	**934.11**	1096.43	1011.02	1011.02	1153.77	1024.47	965.56	1011.02	1011.02	1011.02	941.85	941.85	953.39	**934.11**	**934.11**	**934.11**	**934.11**	**934.11**	936.67	**934.11**	**934.11**	937.16	938.19	**934.11**	**934.11**	**934.11**	**934.11**	**934.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**934.11**	934.11	934.11	932.96	934.11	924.45	934.11	934.11	921.84	893.31	**934.11**	-Inf	-Inf	-Inf	**934.11**
	runtime	0.02	0.02	1.70	1.74	0.02	0.19	8.96	0.33	1.63	0.51	20.83	21.17	19.76	1.15	3.76	3.76	127.47	92.52	124.01	124.05	112.19	122.93	118.97	14.10	3135.66	3191.05	1212.86	4.11
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.33 GB	0.46 GB	0.45 GB	0.76 GB	0.57 GB
gm117	value	**484.32**	898.52	**484.32**	**484.32**	898.52	621.47	594.22	528.71	**484.32**	524.60	488.23	536.77	545.63	**484.32**	**484.32**	**484.32**	**484.32**	**484.32**	484.34	**484.32**	**484.32**	487.94	510.06	**484.32**	**484.32**	**484.32**	**484.32**	**484.32**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	484.31	**484.32**	**484.32**	483.39	484.28	479.04	**484.32**	**484.32**	476.44	453.47	**484.32**	-Inf	-Inf	-Inf	**484.32**
	runtime	0.01	0.00	0.24	0.27	0.00	0.11	8.92	4.44	0.23	4.59	5.11	5.18	4.89	2.50	0.49	0.49	30.81	30.86	29.23	11.80	12.12	30.72	29.22	1.54	2.68	8.73	58.44	0.80
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.10 GB	0.10 GB	1.91 GB	0.16 GB
gm118	value	**812.82**	1031.97	837.13	837.13	1031.97	1015.45	955.34	837.13	837.13	837.13	833.94	833.94	833.94	**812.82**	**812.82**	**812.82**	**812.82**	**812.82**	821.92	**812.82**	**812.82**	819.08	848.64	**812.82**	818.15	**812.82**	**812.82**	**812.82**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**812.82**	812.82	812.82	812.02	**812.82**	804.42	812.82	**812.82**	802.29	764.46	**812.82**	-Inf	-Inf	-Inf	**812.82**
	runtime	0.02	0.01	0.93	0.97	0.01	0.10	7.69	0.25	0.92	0.35	12.19	11.15	11.20	0.79	2.17	2.13	74.31	71.19	72.78	22.35	23.85	71.78	70.39	2.89	3600.00	3600.00	3600.01	1.85
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.21 GB	0.68 GB	0.68 GB	1.99 GB	0.37 GB
gm119	value	612.48	1267.34	646.29	646.29	1267.34	721.98	621.00	646.29	646.29	646.29	632.65	632.65	646.16	**611.58**	**611.58**	**611.58**	612.48	**611.58**	617.64	**611.58**	**611.58**	618.76	639.14	**611.58**	**611.58**	**611.58**	**611.58**	**611.58**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**611.58**	**611.58**	**611.58**	608.17	611.41	598.56	611.34	611.47	595.55	562.56	**611.58**	-Inf	-Inf	-Inf	**611.58**
	runtime	0.01	0.01	0.48	0.52	0.01	0.18	7.86	0.12	0.46	0.18	9.41	9.43	8.65	1.17	1.91	1.92	53.25	52.65	50.70	52.92	50.40	52.87	50.48	2.64	249.93	154.07	43.07	1.35
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.20 GB	0.17 GB	0.97 GB	0.27 GB
gm12	value	**251.41**	350.99	**251.41**	**251.41**	350.99	350.99	350.99	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**	**251.41**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**251.41**	**251.41**	**251.41**	251.41	**251.41**	251.39	**251.41**	**251.41**	250.35	246.26	**251.41**	-Inf	-Inf	-Inf	**251.41**
	runtime	0.00	0.00	0.15	0.18	0.00	0.02	0.82	0.05	0.16	0.06	2.26	0.95	0.46	0.07	0.07	0.07	9.66	1.03	9.23	0.86	0.69	9.72	9.23	0.37	1.65	7.72	38.00	0.26
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.07 GB	0.07 GB	1.31 GB	0.10 GB
gm120	value	**323.68**	375.12	**323.68**	**323.68**	375.12	373.07	373.07	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**	324.59	325.83	**323.68**	**323.68**	**323.68**	**323.68**	**323.68**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**323.68**	**323.68**	**323.68**	323.53	323.67	322.51	**323.68**	323.68	319.99	310.35	**323.68**	-Inf	-Inf	-Inf	**323.68**
	runtime	0.01	0.00	0.22	0.27	0.00	0.05	4.63	0.06	0.24	0.08	3.53	1.71	1.13	0.61	0.26	0.27	20.59	20.33	19.45	5.31	7.69	20.73	19.49	0.68	1.81	7.87	38.90	0.34
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.08 GB	0.08 GB	1.30 GB	0.12 GB
gm121	value	**490.64**	634.63	497.59	497.59	634.63	500.08	500.08	497.59	497.59	497.59	**490.64**	**490.64**	498.69	**490.64**	492.71	492.71	**490.64**	**490.64**	490.65	**490.64**	**490.64**	490.65	497.27	**490.64**	**490.64**	**490.64**	**490.64**	**490.64**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**490.64**	490.64	490.64	489.64	490.62	487.24	490.64	**490.64**	484.04	470.79	**490.64**	-Inf	-Inf	-Inf	**490.64**
	runtime	0.02	0.02	0.86	0.92	0.02	0.15	4.26	0.15	0.83	0.27	13.58	6.10	12.81	2.82	5.15	6.55	77.16	78.13	78.68	77.77	50.92	77.42	73.71	2.02	1175.12	1197.14	1591.77	1.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.04 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.24 GB	0.29 GB	0.28 GB	0.69 GB	0.42 GB
gm122	value	**391.94**	831.67	392.82	392.82	831.67	707.37	645.60	392.82	392.82	392.82	392.82	392.82	392.82	**391.94**	**391.94**	**391.94**	**391.94**	**391.94**	**391.94**	**391.94**	**391.94**	**391.94**	395.20	**391.94**	**391.94**	**391.94**	**391.94**	**391.94**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**391.94**	**391.94**	**391.94**	391.92	**391.94**	391.91	**391.94**	391.94	388.95	379.96	**391.94**	-Inf	-Inf	-Inf	**391.94**
	runtime	0.01	0.00	0.23	0.27	0.00	0.06	7.65	0.06	0.23	0.08	3.05	1.27	0.71	0.10	0.10	0.10	22.65	5.66	21.39	2.99	3.30	22.87	21.69	0.66	1.54	7.58	27.37	0.41
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB	0.07 GB	0.79 GB	0.12 GB
gm123	value	**661.02**	1147.63	699.83	699.83	1142.31	760.04	755.78	697.62	699.83	699.83	692.71	692.71	692.71	**661.02**	**661.02**	**661.02**	**661.02**	**661.02**	661.61	**661.02**	**661.02**	661.75	666.58	**661.02**	662.16	**661.02**	**661.02**	**661.02**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**661.02**	**661.02**	**661.02**	660.55	660.95	656.84	**661.02**	**661.02**	652.35	629.73	**661.02**	-Inf	-Inf	-Inf	**661.02**
	runtime	0.02	0.02	0.51	0.54	0.01	0.19	6.03	0.19	0.48	0.20	10.34	10.59	9.56	0.42	1.08	1.09	100.14	100.56	101.57	43.33	27.53	100.02	95.57	1.59	3600.01	3600.00	819.99	0.97
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.20 GB	3.40 GB	3.52 GB	1.97 GB	0.32 GB
gm124	value	**697.65**	1764.20	714.02	714.02	1764.20	1246.60	1245.39	714.02	714.02	714.02	778.31	718.20	714.02	**697.65**	**697.65**	**697.65**	**697.65**	**697.65**	**697.65**	**697.65**	**697.65**	698.30	706.30	**697.65**	**697.65**	**697.65**	**697.65**	**697.65**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**697.65**	**697.65**	**697.65**	697.47	**697.65**	695.34	**697.65**	**697.65**	691.08	669.97	**697.65**	-Inf	-Inf	-Inf	**697.65**
	runtime	0.02	0.01	0.44	0.49	0.00	0.19	7.29	0.09	0.42	0.15	9.90	10.15	9.15	0.41	1.29	1.27	92.83	33.83	93.37	22.82	17.10	93.24	89.83	1.71	3600.00	3600.00	360.11	1.02
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.17 GB	0.13 GB	0.13 GB	1.17 GB	0.29 GB
gm125	value	**1077.55**	2477.22	1217.02	1217.02	2477.22	2477.06	1290.03	1217.02	1217.02	1217.02	1080.49	1080.49	1080.49	**1077.55**	**1077.55**	**1077.55**	**1077.55**	**1077.55**	1077.62	**1077.55**	**1077.55**	1083.27	1122.95	**1077.55**	1079.63	1080.59	**1077.55**	**1077.55**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**1077.55**	1077.55	1077.55	1077.31	1077.46	1075.73	**1077.55**	1077.55	1073.33	1031.63	**1077.55**	-Inf	-Inf	-Inf	**1077.55**
	runtime	0.03	0.01	1.55	1.64	0.01	0.10	44.04	0.77	1.55	0.40	14.70	14.69	13.52	0.81	2.86	2.85	107.59	107.23	104.84	62.92	32.73	105.70	102.97	6.02	3600.00	3600.00	3600.00	1.67
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.25 GB	0.27 GB	0.27 GB	2.72 GB	0.43 GB
gm126	value	782.76	1505.93	785.11	785.11	1505.93	1015.22	1005.91	785.11	785.11	785.11	782.76	784.73	803.23	**778.78**	**778.78**	**778.78**	779.11	**778.78**	804.30	**778.78**	**778.78**	790.14	815.38	**778.78**	787.59	779.36	779.36	**778.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**778.78**	778.78	778.78	775.89	777.94	762.41	778.77	778.78	760.80	702.13	**778.78**	-Inf	-Inf	-Inf	**778.78**
	runtime	0.04	0.02	1.34	1.34	0.02	0.35	10.12	0.28	1.25	0.43	17.20	17.28	16.84	1.80	3.65	3.63	151.37	150.07	144.72	148.53	120.20	150.55	143.63	6.39	3600.00	3600.00	3600.01	2.51
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.28 GB	0.61 GB	0.32 GB	2.18 GB	0.47 GB
gm127	value	**275.87**	378.30	311.15	311.15	378.30	298.14	296.95	311.15	311.15	311.15	**275.87**	311.77	**275.87**	**275.87**	**275.87**	**275.87**	**275.87**	**275.87**	**275.87**	**275.87**	**275.87**	**275.87**	276.05	**275.87**	**275.87**	**275.87**	**275.87**	**275.87**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**275.87**	**275.87**	**275.87**	275.85	**275.87**	275.32	**275.87**	**275.87**	273.31	268.02	**275.87**	-Inf	-Inf	-Inf	**275.87**
	runtime	0.01	0.01	0.12	0.15	0.01	0.10	3.62	0.04	0.13	0.05	1.90	1.10	0.41	0.08	0.10	0.10	15.97	2.60	15.03	1.26	1.12	16.07	15.26	0.45	1.35	7.36	29.96	0.35
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.06 GB	0.06 GB	0.89 GB	0.11 GB
gm128	value	**714.47**	1040.29	745.50	745.50	1040.29	860.80	**714.47**	745.50	745.50	745.50	**714.47**	**714.47**	**714.47**	**714.47**	**714.47**	**714.47**	**714.47**	**714.47**	**714.47**	**714.47**	**714.47**	716.92	722.60	**714.47**	**714.47**	**714.47**	**714.47**	**714.47**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**714.47**	**714.47**	**714.47**	713.99	**714.47**	712.57	**714.47**	**714.47**	708.35	694.85	**714.47**	-Inf	-Inf	-Inf	**714.47**
	runtime	0.02	0.02	0.91	0.99	0.02	0.25	13.95	0.22	0.89	0.29	19.69	19.87	18.56	0.45	1.74	1.73	156.30	60.80	157.36	73.39	48.62	154.37	157.50	2.97	26.02	32.03	3129.32	1.56
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.02 GB	0.04 GB	0.02 GB	0.04 GB	0.02 GB	0.31 GB	0.12 GB	0.12 GB	1.07 GB	0.54 GB
gm129	value	**506.70**	821.46	516.42	516.42	821.46	644.94	642.02	516.42	516.42	516.42	**506.70**	**506.70**	**506.70**	**506.70**	**506.70**	**506.70**	**506.70**	**506.70**	**506.70**	**506.70**	**506.70**	508.64	510.98	**506.70**	**506.70**	**506.70**	**506.70**	**506.70**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**506.70**	506.70	506.70	506.55	**506.70**	506.30	**506.70**	**506.70**	504.92	496.37	**506.70**	-Inf	-Inf	-Inf	**506.70**
	runtime	0.01	0.00	0.22	0.27	0.01	0.12	9.93	0.06	0.22	0.08	4.25	4.27	3.90	0.15	0.22	0.22	30.20	8.64	28.65	5.05	3.26	30.05	28.30	1.23	1.70	7.75	33.74	0.62
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.08 GB	0.08 GB	1.07 GB	0.15 GB
gm13	value	**568.82**	655.96	583.65	583.65	655.96	622.10	622.10	583.65	583.65	583.65	573.85	608.77	682.49	**568.82**	**568.82**	**568.82**	**568.82**	**568.82**	**568.82**	**568.82**	**568.82**	573.85	589.55	**568.82**	**568.82**	**568.82**	**568.82**	**568.82**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**568.82**	**568.82**	**568.82**	568.78	**568.82**	566.76	**568.82**	**568.82**	564.60	540.88	**568.82**	-Inf	-Inf	-Inf	**568.82**
	runtime	0.02	0.01	0.41	0.46	0.01	0.07	3.35	0.09	0.42	0.14	7.35	7.53	6.92	0.30	0.55	0.55	59.57	33.68	60.44	11.57	20.51	58.84	61.38	1.52	102.08	107.76	36.33	0.83
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.14 GB	0.07 GB	0.07 GB	0.91 GB	0.24 GB
gm130	value	**779.28**	1129.53	847.03	847.03	1129.53	1120.22	1117.44	861.75	847.03	861.75	810.79	810.79	881.36	**779.28**	**779.28**	**779.28**	**779.28**	**779.28**	**779.28**	**779.28**	**779.28**	779.48	783.99	**779.28**	**779.28**	**779.28**	**779.28**	**779.28**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**779.28**	**779.28**	**779.28**	779.04	**779.28**	777.06	**779.28**	**779.28**	773.68	751.89	**779.28**	-Inf	-Inf	-Inf	**779.28**
	runtime	0.02	0.01	2.09	2.02	0.00	0.10	17.59	0.20	2.04	0.25	6.89	7.00	6.44	0.25	0.41	0.40	57.81	27.93	55.79	15.03	9.79	58.61	55.29	2.77	1.93	7.96	24.88	0.71
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.13 GB	0.05 GB	0.05 GB	0.79 GB	0.22 GB
gm131	value	**901.55**	1583.81	954.35	954.35	1583.81	1211.70	1061.61	955.42	954.35	952.49	927.61	942.75	942.75	**901.55**	**901.55**	**901.55**	**901.55**	**901.55**	926.74	**901.55**	**901.55**	912.97	933.18	**901.55**	924.11	905.05	905.05	**901.55**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**901.55**	901.55	901.55	899.51	901.18	888.51	901.28	901.47	884.86	827.55	901.55	-Inf	-Inf	-Inf	901.55
	runtime	0.04	0.01	1.07	1.15	0.00	0.28	11.08	0.23	1.09	0.33	16.57	16.64	15.56	1.45	7.49	10.70	85.61	85.99	79.90	86.19	79.14	86.91	79.59	39.55	3600.00	3600.01	3600.00	2.69
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.04 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.26 GB	2.82 GB	0.98 GB	3.18 GB	0.45 GB
gm132	value	**462.02**	721.53	**462.02**	**462.02**	721.53	572.62	567.09	**462.02**	**462.02**	468.03	**462.02**	**462.02**	**462.02**	**462.02**	**462.02**	**462.02**	**462.02**	**462.02**	462.71	**462.02**	**462.02**	463.18	468.15	**462.02**	463.18	**462.02**	**462.02**	**462.02**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**462.02**	**462.02**	**462.02**	461.47	**462.02**	459.75	**462.02**	**462.02**	456.49	440.32	**462.02**	-Inf	-Inf	-Inf	**462.02**
	runtime	0.02	0.02	0.98	1.08	0.01	0.14	5.36	0.23	1.03	0.36	12.17	5.24	3.00	0.31	1.48	1.45	70.97	23.44	70.33	28.68	25.56	71.04	71.33	2.07	11.61	17.67	58.37	1.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.26 GB	0.11 GB	0.11 GB	1.97 GB	0.43 GB
gm133	value	**347.66**	597.89	**347.66**	**347.66**	597.89	597.14	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	437.63	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**	**347.66**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**347.66**	**347.66**	**347.66**	347.65	**347.66**	347.63	**347.66**	**347.66**	346.24	343.66	**347.66**	-Inf	-Inf	-Inf	**347.66**
	runtime	0.01	0.00	0.14	0.17	0.00	0.05	9.96	0.03	0.13	0.05	3.74	2.86	3.34	0.06	0.12	0.12	27.47	3.35	26.35	2.51	2.14	27.43	26.25	0.58	1.76	7.77	30.39	0.47
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.07 GB	0.07 GB	0.97 GB	0.14 GB
gm134	value	**473.70**	641.08	509.42	509.42	641.08	641.08	641.08	509.42	509.42	509.42	517.18	514.69	533.73	**473.70**	**473.70**	**473.70**	**473.70**	**473.70**	**473.70**	**473.70**	**473.70**	**473.70**	489.97	**473.70**	**473.70**	**473.70**	**473.70**	**473.70**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**473.70**	473.70	473.70	473.44	**473.70**	470.94	**473.70**	**473.70**	467.45	451.92	**473.70**	-Inf	-Inf	-Inf	**473.70**
	runtime	0.01	0.01	0.55	0.60	0.01	0.08	15.91	0.11	0.52	0.16	8.74	8.70	8.32	0.34	0.58	0.57	52.52	31.98	50.66	13.36	21.03	52.36	51.28	1.54	3.81	9.91	22.58	0.85
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.13 GB	0.13 GB	0.13 GB	0.56 GB	0.22 GB
gm135	value	**640.36**	1227.87	714.80	714.80	1227.87	765.31	740.40	710.28	714.80	722.39	**640.36**	**640.36**	**640.36**	**640.36**	**640.36**	**640.36**	**640.36**	**640.36**	**640.36**	**640.36**	**640.36**	640.48	653.69	**640.36**	**640.36**	**640.36**	**640.36**	**640.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**640.36**	**640.36**	**640.36**	640.34	**640.36**	639.77	**640.36**	**640.36**	637.07	620.04	**640.36**	-Inf	-Inf	-Inf	**640.36**
	runtime	0.02	0.02	0.49	0.53	0.01	0.24	11.65	0.18	0.48	0.18	7.79	7.77	7.05	0.25	0.28	0.27	58.17	22.26	55.04	13.03	9.91	57.60	55.86	1.99	3.60	9.59	20.91	0.80
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.14 GB	0.14 GB	0.14 GB	0.53 GB	0.23 GB
gm136	value	**518.44**	891.39	567.91	567.91	891.39	886.85	880.99	587.29	567.91	587.29	546.46	547.01	542.46	**518.44**	**518.44**	**518.44**	**518.44**	**518.44**	520.72	**518.44**	**518.44**	520.72	560.61	**518.44**	**518.44**	**518.44**	**518.44**	**518.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**518.44**	**518.44**	**518.44**	515.78	**518.44**	508.89	**518.44**	**518.44**	506.68	479.61	**518.44**	-Inf	-Inf	-Inf	**518.44**
	runtime	0.01	0.00	0.80	0.78	0.00	0.05	5.90	0.19	0.79	0.26	6.12	2.57	1.36	0.46	0.73	0.73	28.13	19.99	26.21	11.83	17.02	28.59	26.49	4.52	15.43	9.32	26.33	0.86
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.07 GB	0.04 GB	0.78 GB	0.19 GB
gm137	value	**633.49**	1071.27	673.17	673.17	1071.27	930.90	708.94	673.17	673.17	673.17	645.54	734.19	730.68	**633.49**	**633.49**	**633.49**	**633.49**	**633.49**	634.18	**633.49**	**633.49**	634.70	663.37	**633.49**	637.58	633.74	633.74	**633.49**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**633.49**	633.49	633.49	631.56	633.41	626.63	633.48	633.49	623.44	599.35	**633.49**	-Inf	-Inf	-Inf	**633.49**
	runtime	0.04	0.02	1.41	1.47	0.02	0.26	55.94	0.33	1.34	0.44	19.70	19.64	18.64	0.75	5.22	5.23	141.24	147.16	137.27	143.50	136.34	141.38	141.96	3.39	3600.00	3600.01	3600.00	2.00
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.31 GB	0.53 GB	0.54 GB	1.24 GB	0.55 GB
gm138	value	**502.54**	676.42	525.76	525.76	676.42	676.42	676.42	525.76	525.76	525.76	506.85	569.99	568.08	**502.54**	511.33	508.16	**502.54**	**502.54**	502.65	**502.54**	**502.54**	502.65	512.03	**502.54**	**502.54**	**502.54**	**502.54**	**502.54**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**502.54**	502.54	502.54	501.91	502.42	500.10	502.54	502.54	497.26	480.29	**502.54**	-Inf	-Inf	-Inf	**502.54**
	runtime	0.01	0.01	0.31	0.38	0.00	0.07	6.94	0.07	0.33	0.11	6.03	6.04	5.44	0.28	1.59	2.19	45.28	46.02	44.58	46.42	43.76	45.34	44.05	1.08	1.26	7.21	23.04	0.86
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.12 GB	0.05 GB	0.05 GB	0.66 GB	0.22 GB
gm139	value	**525.73**	1083.70	542.42	542.42	1083.70	1010.33	966.36	542.42	542.42	542.42	527.90	527.90	527.90	**525.73**	**525.73**	**525.73**	**525.73**	**525.73**	**525.73**	**525.73**	**525.73**	525.97	527.22	**525.73**	**525.73**	**525.73**	**525.73**	**525.73**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**525.73**	**525.73**	**525.73**	524.92	**525.73**	523.09	**525.73**	**525.73**	520.64	506.80	**525.73**	-Inf	-Inf	-Inf	**525.73**
	runtime	0.01	0.01	0.52	0.57	0.01	0.12	5.36	0.13	0.53	0.18	8.43	8.30	7.97	0.28	0.58	0.58	63.36	30.58	60.55	21.39	21.21	63.42	60.88	1.51	4.15	9.69	24.94	0.79
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.15 GB	0.05 GB	0.05 GB	0.70 GB	0.25 GB
gm14	value	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	**17.36**	17.36	17.35	**17.36**	-Inf	-Inf	-Inf	**17.36**
	runtime	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.10	0.01	0.18	0.01	0.00	0.72	0.69	0.02	0.01	6.01	6.01	0.02
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.00 GB	0.01 GB	0.00 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.02 GB
gm140	value	**636.57**	965.53	672.67	672.67	965.53	942.83	915.17	672.67	672.67	672.67	670.87	670.87	672.20	**636.57**	**636.57**	**636.57**	**636.57**	**636.57**	**636.57**	**636.57**	**636.57**	642.80	655.26	**636.57**	**636.57**	**636.57**	**636.57**	**636.57**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**636.57**	636.57	636.57	634.68	636.53	631.82	**636.57**	**636.57**	626.83	600.13	**636.57**	-Inf	-Inf	-Inf	**636.57**
	runtime	0.05	0.02	2.72	3.07	0.01	1.28	628.87	0.89	2.72	1.17	46.01	45.93	45.11	0.93	3.39	3.38	247.56	250.85	258.03	160.96	102.80	248.94	255.14	3.86	3600.00	3600.00	1055.96	2.67
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.07 GB	0.06 GB	0.03 GB	0.06 GB	0.03 GB	0.07 GB	0.03 GB	0.37 GB	17.72 GB	17.28 GB	3.29 GB	0.65 GB
gm141	value	**452.16**	673.62	**452.16**	**452.16**	673.62	472.13	454.95	**452.16**	**452.16**	**452.16**	**452.16**	**452.16**	**452.16**	**452.16**	**452.16**	**452.16**	**452.16**	**452.16**	452.47	**452.16**	**452.16**	452.47	462.19	**452.16**	452.47	**452.16**	**452.16**	**452.16**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**452.16**	**452.16**	**452.16**	450.92	**452.16**	447.52	**452.16**	**452.16**	443.28	427.75	**452.16**	-Inf	-Inf	-Inf	**452.16**
	runtime	0.02	0.03	1.14	1.22	0.02	0.28	11.60	0.29	1.15	0.40	19.29	19.56	18.23	0.50	1.82	1.83	155.97	90.36	158.34	100.12	66.50	156.60	158.92	2.58	779.01	848.15	23.38	1.50
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.02 GB	0.04 GB	0.02 GB	0.04 GB	0.02 GB	0.30 GB	0.16 GB	0.16 GB	0.50 GB	0.53 GB
gm142	value	678.81	1142.94	690.80	690.80	852.29	774.32	715.72	690.80	690.80	690.80	688.18	688.18	688.18	**678.06**	**678.06**	**678.06**	**678.06**	**678.06**	678.73	**678.06**	**678.06**	681.61	684.23	**678.06**	688.18	**678.06**	**678.06**	**678.06**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**678.06**	678.06	678.06	676.84	677.95	671.62	678.05	678.02	668.36	634.80	**678.06**	-Inf	-Inf	-Inf	**678.06**
	runtime	0.02	0.02	0.72	0.80	0.02	0.17	6.06	0.15	0.72	0.23	13.40	13.60	12.32	0.74	2.95	4.26	137.28	143.60	130.53	139.43	131.60	137.87	132.51	2.33	3600.00	3600.01	1770.26	1.46
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.23 GB	0.35 GB	0.34 GB	2.04 GB	0.39 GB
gm143	value	**538.57**	782.61	563.01	563.01	782.61	669.36	568.74	563.01	563.01	563.01	563.01	563.01	563.01	**538.57**	**538.57**	**538.57**	**538.57**	**538.57**	**538.57**	**538.57**	**538.57**	539.21	542.49	**538.57**	**538.57**	**538.57**	**538.57**	**538.57**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**538.57**	538.57	538.57	537.92	538.57	534.77	**538.57**	**538.57**	532.41	513.93	**538.57**	-Inf	-Inf	-Inf	**538.57**
	runtime	0.02	0.02	0.54	0.60	0.02	0.13	7.24	0.11	0.55	0.17	11.14	8.34	3.94	0.32	1.41	1.41	63.70	65.64	60.26	12.22	12.33	62.75	60.44	2.00	3600.00	3600.00	98.34	1.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.20 GB	0.27 GB	0.27 GB	1.69 GB	0.34 GB
gm144	value	**796.28**	1397.73	814.60	814.60	1397.73	1271.60	1052.77	814.60	814.60	814.60	814.80	814.80	814.80	**796.28**	**796.28**	**796.28**	**796.28**	**796.28**	796.51	**796.28**	**796.28**	796.90	828.83	**796.28**	797.70	**796.28**	**796.28**	**796.28**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**796.28**	796.28	796.28	795.98	**796.28**	791.70	796.28	**796.28**	786.41	755.83	**796.28**	-Inf	-Inf	-Inf	**796.28**
	runtime	0.02	0.02	0.49	0.54	0.01	0.11	10.17	0.18	0.50	0.14	6.72	6.72	8.98	0.45	1.15	1.31	62.45	47.72	58.89	18.37	18.05	61.25	59.57	1.89	3600.00	3600.01	3600.00	1.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.18 GB	0.43 GB	0.42 GB	1.73 GB	0.31 GB
gm145	value	**540.67**	1270.62	569.06	569.06	1270.62	**540.67**	**540.67**	569.06	569.06	569.06	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**	**540.67**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**540.67**	**540.67**	**540.67**	540.64	**540.67**	540.65	**540.67**	**540.67**	539.36	536.14	**540.67**	-Inf	-Inf	-Inf	**540.67**
	runtime	0.02	0.03	1.64	1.75	0.01	0.46	12.96	0.35	1.61	0.51	28.42	28.18	26.82	0.22	0.65	0.67	219.19	37.34	239.89	29.97	19.35	220.15	235.60	3.68	3.44	9.42	22.55	2.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.05 GB	0.06 GB	0.03 GB	0.05 GB	0.03 GB	0.08 GB	0.03 GB	0.42 GB	0.12 GB	0.12 GB	0.54 GB	0.74 GB
gm146	value	**630.11**	1026.56	632.26	632.26	1026.56	945.45	778.95	631.35	632.26	631.35	630.91	686.33	661.88	**630.11**	**630.11**	**630.11**	**630.11**	**630.11**	631.95	**630.11**	**630.11**	633.11	643.42	**630.11**	630.67	630.15	630.15	**630.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**630.11**	630.11	630.11	627.94	629.66	624.26	630.00	629.96	619.78	593.08	630.11	-Inf	-Inf	-Inf	630.11
	runtime	0.01	0.01	0.44	0.51	0.00	0.10	41.00	0.12	0.46	0.16	6.94	7.03	6.37	0.50	1.87	1.87	52.82	52.37	50.01	54.35	50.24	52.79	49.26	3.68	207.90	214.11	23.25	0.93
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.12 GB	0.09 GB	0.09 GB	0.62 GB	0.21 GB
gm147	value	**569.61**	828.79	591.37	591.37	828.79	704.53	699.74	591.37	591.37	591.37	591.55	591.55	612.27	**569.61**	**569.61**	**569.61**	**569.61**	**569.61**	569.62	**569.61**	**569.61**	570.68	576.76	**569.61**	**569.61**	**569.61**	**569.61**	**569.61**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**569.61**	**569.61**	**569.61**	568.46	569.56	560.25	569.61	**569.61**	558.21	536.75	**569.61**	-Inf	-Inf	-Inf	**569.61**
	runtime	0.01	0.02	0.90	0.99	0.01	0.18	8.28	0.20	0.88	0.29	16.33	16.13	15.38	1.50	2.51	2.51	93.53	89.88	93.85	72.48	67.65	93.93	90.88	2.80	79.67	34.06	46.22	1.65
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.27 GB	0.13 GB	0.08 GB	1.37 GB	0.45 GB
gm148	value	625.25	1022.17	694.76	694.76	1022.17	785.58	716.76	663.09	694.76	663.09	621.18	622.35	621.18	**606.90**	**606.90**	**606.90**	609.11	**606.90**	628.05	**606.90**	**606.90**	624.90	652.85	**606.90**	624.18	**606.90**	**606.90**	**606.90**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**606.90**	606.90	606.90	603.23	606.69	592.61	606.70	606.90	591.37	550.61	606.90	-Inf	-Inf	-Inf	606.90
	runtime	0.03	0.01	1.41	1.44	0.00	0.11	9.55	0.13	1.39	0.24	10.78	11.06	10.25	1.16	4.15	4.15	74.49	73.59	71.23	73.24	50.25	74.59	71.26	36.65	3600.00	3600.01	3600.00	2.29
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	1.45 GB	1.30 GB	3.00 GB	0.31 GB
gm149	value	**267.78**	683.93	**267.78**	**267.78**	683.93	297.27	297.27	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**267.78**	**267.78**	**267.78**	**267.78**	**267.78**	267.78	**267.78**	**267.78**	266.42	263.18	**267.78**	-Inf	-Inf	-Inf	**267.78**
	runtime	0.01	0.01	0.23	0.28	0.01	0.15	2.79	0.04	0.24	0.08	5.27	2.76	2.08	0.05	0.18	0.18	18.91	9.75	33.37	12.31	2.61	35.23	33.34	0.80	1.13	7.13	24.51	0.70
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.11 GB	0.05 GB	0.05 GB	0.77 GB	0.20 GB
gm15	value	**290.02**	313.94	310.99	310.99	313.94	313.94	313.94	310.99	310.99	310.99	292.18	291.68	383.84	**290.02**	**290.02**	**290.02**	**290.02**	**290.02**	**290.02**	**290.02**	**290.02**	**290.02**	293.56	**290.02**	**290.02**	**290.02**	**290.02**	**290.02**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**290.02**	**290.02**	**290.02**	289.26	**290.02**	288.16	**290.02**	**290.02**	285.33	277.00	**290.02**	-Inf	-Inf	-Inf	**290.02**
	runtime	0.01	0.00	0.15	0.19	0.01	0.04	2.39	0.03	0.16	0.05	4.19	3.96	3.64	0.07	0.15	0.16	25.61	14.99	23.79	12.96	12.02	25.52	24.14	0.71	2.97	8.99	18.64	0.57
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.13 GB	0.13 GB	0.53 GB	0.16 GB
gm150	value	**798.74**	1270.13	813.09	813.09	1256.52	1179.82	1172.64	805.80	813.09	817.40	819.53	804.86	804.86	**798.74**	**798.74**	**798.74**	**798.74**	**798.74**	801.74	**798.74**	**798.74**	801.36	828.65	**798.74**	803.60	**798.74**	**798.74**	**798.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**798.74**	**798.74**	**798.74**	798.29	**798.74**	794.19	**798.74**	798.74	791.32	757.68	**798.74**	-Inf	-Inf	-Inf	**798.74**
	runtime	0.02	0.01	0.58	0.64	0.01	0.11	6.31	0.14	0.58	2.15	10.85	11.11	10.38	0.57	1.64	1.67	62.41	39.80	64.06	25.32	16.63	63.10	62.30	11.90	3600.00	3600.01	3600.00	1.24
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	0.64 GB	0.50 GB	1.98 GB	0.32 GB

geo-surf-7		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm151	value	**525.55**	919.18	559.30	559.30	901.46	560.75	560.75	558.19	559.30	558.19	**525.55**	**525.55**	**525.55**	**525.55**	**525.55**	**525.55**	**525.55**	**525.55**	527.80	**525.55**	**525.55**	529.70	535.55	**525.55**	**525.55**	**525.55**	**525.55**	**525.55**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**525.55**	525.55	525.55	523.23	525.42	519.04	525.40	525.37	514.97	495.62	**525.55**	-Inf	-Inf	-Inf	**525.55**
	runtime	0.01	0.02	0.55	0.59	0.02	0.17	3.43	0.13	0.54	0.18	10.12	9.94	8.54	0.50	1.59	1.61	65.01	64.03	61.67	64.36	61.75	65.86	60.43	1.79	2614.43	2599.06	80.41	1.14
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.17 GB	0.66 GB	0.64 GB	1.23 GB	0.29 GB
gm152	value	**347.71**	382.55	356.49	356.49	382.55	380.18	**347.71**	356.49	356.49	356.49	356.49	356.49	356.49	**347.71**	**347.71**	**347.71**	**347.71**	**347.71**	**347.71**	**347.71**	**347.71**	**347.71**	350.40	**347.71**	**347.71**	**347.71**	**347.71**	**347.71**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**347.71**	347.71	347.71	347.50	**347.71**	344.15	**347.71**	**347.71**	339.47	324.97	**347.71**	-Inf	-Inf	-Inf	**347.71**
	runtime	0.01	0.00	0.19	0.21	0.00	0.03	3.12	0.05	0.19	0.07	3.64	1.94	3.34	0.17	0.43	0.41	16.87	6.79	16.05	4.44	4.89	16.74	16.05	0.64	2.01	8.00	41.61	0.42
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.08 GB	0.08 GB	1.36 GB	0.13 GB
gm153	value	313.13	402.65	322.19	322.19	402.65	393.48	393.48	322.15	322.19	322.15	**310.81**	447.77	447.77	**310.81**	**310.81**	**310.81**	**310.81**	**310.81**	311.48	**310.81**	**310.81**	312.28	319.23	**310.81**	**310.81**	**310.81**	**310.81**	**310.81**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**310.81**	**310.81**	**310.81**	310.18	**310.81**	307.76	310.81	310.81	303.51	288.28	**310.81**	-Inf	-Inf	-Inf	**310.81**
	runtime	0.01	0.00	0.13	0.15	0.00	0.03	1.71	0.08	0.13	0.09	1.95	1.96	1.77	0.16	0.31	0.31	9.87	5.04	9.48	9.79	2.02	9.89	9.52	1.00	1.04	7.06	36.24	0.35
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.12 GB	0.08 GB
gm154	value	**461.82**	904.06	473.53	473.53	904.06	904.06	591.49	473.53	473.53	473.53	**461.82**	491.43	493.83	**461.82**	**461.82**	**461.82**	**461.82**	**461.82**	**461.82**	**461.82**	**461.82**	**461.82**	471.72	**461.82**	**461.82**	**461.82**	**461.82**	**461.82**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**461.82**	**461.82**	**461.82**	461.74	**461.82**	460.03	**461.82**	461.82	456.60	437.36	**461.82**	-Inf	-Inf	-Inf	**461.82**
	runtime	0.01	0.01	0.31	0.34	0.00	0.05	13.60	0.07	0.30	0.10	5.36	5.30	4.93	0.26	0.30	0.31	28.39	11.11	26.75	4.15	4.86	28.25	26.92	1.18	1.69	7.73	23.07	0.65
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.11 GB	0.04 GB	0.04 GB	0.64 GB	0.18 GB
gm155	value	**514.42**	640.26	528.43	528.43	641.59	623.78	528.43	528.43	528.43	528.43	**514.42**	514.44	**514.42**	**514.42**	518.33	**514.42**	**514.42**	**514.42**	514.44	**514.42**	**514.42**	514.44	515.53	**514.42**	**514.42**	**514.42**	**514.42**	**514.42**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**514.43**	514.41	514.42	513.96	514.25	512.30	514.42	514.42	510.30	501.61	514.42	-Inf	-Inf	-Inf	514.42
	runtime	0.01	0.03	0.63	0.69	0.01	0.16	27.50	0.12	0.63	0.20	13.75	14.15	13.39	5.73	1.31	2.02	96.29	96.26	93.72	98.88	48.81	95.36	91.87	2.38	7.05	13.25	38.05	1.13
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.04 GB	0.02 GB	0.21 GB	0.06 GB	0.06 GB	1.09 GB	0.36 GB
gm156	value	540.61	868.58	611.15	611.15	868.58	865.66	857.73	611.15	611.15	611.15	559.58	642.68	680.35	**534.74**	**534.74**	**534.74**	**534.74**	**534.74**	535.78	**534.74**	**534.74**	535.97	539.94	**534.74**	**534.74**	**534.74**	**534.74**	**534.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**534.74**	534.74	534.74	533.01	534.73	523.81	534.74	534.74	522.81	504.32	534.74	-Inf	-Inf	-Inf	534.74
	runtime	0.01	0.00	0.30	0.33	0.00	0.04	3.59	0.08	0.31	0.11	3.76	3.73	3.41	0.28	0.40	0.41	22.28	22.16	21.32	22.35	17.57	22.18	21.09	1.42	2.89	8.91	48.41	0.64
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.10 GB	0.10 GB	1.78 GB	0.14 GB
gm157	value	**712.91**	979.58	729.26	729.26	979.58	880.03	869.92	729.26	729.26	729.26	720.24	720.24	720.24	**712.91**	**712.91**	**712.91**	713.40	**712.91**	726.29	**712.91**	**712.91**	721.93	756.26	**712.91**	722.92	**712.91**	**712.91**	**712.91**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**712.91**	712.91	712.91	711.25	712.73	707.18	**712.91**	**712.91**	703.42	673.83	**712.91**	-Inf	-Inf	-Inf	**712.91**
	runtime	0.02	0.01	0.67	0.68	0.01	0.11	4.37	0.14	0.63	0.21	11.68	11.42	6.29	0.89	2.07	2.08	67.35	67.85	65.86	31.79	18.30	66.64	65.74	2.18	3600.00	3600.01	3600.00	1.33
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.21 GB	0.25 GB	0.24 GB	1.75 GB	0.35 GB
gm158	value	**584.08**	721.17	584.77	584.77	721.17	677.09	670.26	584.77	584.77	584.77	591.21	591.69	601.10	**584.08**	**584.08**	**584.08**	**584.08**	**584.08**	585.76	**584.08**	**584.08**	586.48	593.46	**584.08**	588.05	584.21	**584.08**	**584.08**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**584.08**	**584.08**	**584.08**	582.53	583.90	579.16	584.07	584.08	573.37	544.46	**584.08**	-Inf	-Inf	-Inf	**584.08**
	runtime	0.03	0.02	0.85	0.87	0.01	0.12	5.02	0.20	0.83	0.27	11.92	11.97	10.91	0.63	4.85	4.84	95.74	98.20	96.45	100.44	75.82	95.74	96.38	1.98	3600.00	3600.00	250.41	1.11
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.02 GB	0.21 GB	1.89 GB	1.41 GB	1.71 GB	0.37 GB
gm159	value	**323.64**	349.35	325.11	325.11	349.35	349.15	349.15	325.11	325.11	325.11	325.11	372.89	369.41	**323.64**	**323.64**	**323.64**	**323.64**	**323.64**	**323.64**	**323.64**	**323.64**	324.49	325.11	**323.64**	**323.64**	**323.64**	**323.64**	**323.64**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**323.64**	**323.64**	**323.64**	323.14	323.64	322.21	**323.64**	323.64	318.93	309.63	**323.64**	-Inf	-Inf	-Inf	**323.64**
	runtime	0.01	0.00	0.15	0.18	0.00	0.04	2.47	0.04	0.16	0.06	2.82	3.18	2.88	0.11	0.37	0.36	17.56	7.19	16.62	4.21	4.21	18.58	16.66	0.80	2.25	8.31	39.02	0.49
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.10 GB	0.10 GB	1.32 GB	0.13 GB
gm16	value	**421.35**	787.39	**421.35**	**421.35**	787.39	688.03	688.03	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**	427.14	**421.35**	**421.35**	**421.35**	**421.35**	**421.35**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**421.35**	**421.35**	**421.35**	421.23	**421.35**	420.78	**421.35**	**421.35**	419.20	407.59	**421.35**	-Inf	-Inf	-Inf	**421.35**
	runtime	0.01	0.00	0.28	0.32	0.00	0.09	2.86	0.07	0.29	0.11	4.46	1.77	0.94	0.19	0.28	0.28	20.83	5.56	19.78	2.47	3.61	20.62	19.70	0.98	3.41	9.40	19.17	0.53
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.12 GB	0.12 GB	0.48 GB	0.17 GB
gm160	value	**746.48**	1280.61	799.01	799.01	1282.90	1022.91	990.16	798.29	799.01	798.29	780.30	780.30	780.30	746.49	**746.48**	**746.48**	**746.48**	**746.48**	756.05	**746.48**	**746.48**	755.02	786.50	**746.48**	775.63	747.50	747.50	**746.48**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	746.46	746.48	746.48	744.80	746.25	735.65	746.45	746.41	734.18	689.87	**746.48**	-Inf	-Inf	-Inf	**746.48**
	runtime	0.01	0.01	0.68	0.71	0.00	0.15	6.85	0.23	0.70	0.32	10.78	10.64	7.60	5.01	1.46	1.49	69.07	69.72	69.90	71.09	68.46	69.11	68.11	4.13	3600.00	3600.00	3600.00	1.41
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	0.59 GB	0.74 GB	1.93 GB	0.31 GB
gm161	value	**819.80**	1573.31	901.81	901.81	1573.31	1500.60	923.41	901.81	901.81	901.81	876.64	943.87	936.58	**819.80**	**819.80**	**819.80**	**819.80**	**819.80**	827.68	**819.80**	**819.80**	824.24	851.57	**819.80**	859.56	**819.80**	**819.80**	**819.80**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**819.80**	819.80	819.80	818.31	819.57	812.07	819.80	819.80	809.47	771.56	**819.80**	-Inf	-Inf	-Inf	**819.80**
	runtime	0.01	0.01	0.68	0.74	0.01	0.11	16.13	0.17	0.70	0.23	12.20	12.13	11.17	1.85	2.95	2.96	75.87	76.78	75.11	62.12	28.81	76.58	76.01	4.11	3600.00	3600.00	3600.00	1.68
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.21 GB	0.81 GB	0.67 GB	2.48 GB	0.36 GB
gm162	value	**469.74**	679.48	471.44	471.44	679.48	569.96	569.96	470.01	471.44	470.01	470.27	470.27	470.27	**469.74**	**469.74**	**469.74**	**469.74**	**469.74**	470.91	**469.74**	**469.74**	471.34	484.75	**469.74**	**469.74**	**469.74**	**469.74**	**469.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**469.74**	469.74	469.74	468.75	469.64	466.33	469.74	469.74	462.42	442.65	**469.74**	-Inf	-Inf	-Inf	**469.74**
	runtime	0.01	0.02	0.34	0.38	0.00	0.11	3.91	0.08	0.36	0.12	7.54	7.53	5.09	0.42	2.40	3.12	59.41	60.30	58.41	51.21	44.08	59.24	59.55	1.17	28.83	36.10	55.04	0.70
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.14 GB	0.08 GB	0.08 GB	0.90 GB	0.23 GB
gm163	value	**462.92**	791.73	464.01	464.01	791.73	634.43	634.43	464.01	464.01	464.01	462.99	**462.92**	**462.92**	**462.92**	**462.92**	**462.92**	**462.92**	**462.92**	462.99	**462.92**	**462.92**	462.99	470.62	**462.92**	463.94	**462.92**	**462.92**	**462.92**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**462.92**	462.92	462.92	462.21	462.88	457.99	462.92	462.92	454.62	428.35	**462.92**	-Inf	-Inf	-Inf	**462.92**
	runtime	0.02	0.01	0.31	0.35	0.00	0.08	3.95	0.08	0.31	0.11	6.46	6.43	5.77	0.33	1.14	1.14	43.90	44.64	41.89	44.37	41.86	43.93	41.75	1.24	518.18	493.88	46.37	0.65
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.12 GB	0.09 GB	0.09 GB	0.60 GB	0.20 GB
gm164	value	**669.36**	1642.88	**669.36**	**669.36**	1642.88	949.85	949.85	**669.36**	**669.36**	**669.36**	**669.36**	762.83	745.17	**669.36**	**669.36**	**669.36**	**669.36**	**669.36**	**669.36**	**669.36**	**669.36**	**669.36**	674.07	**669.36**	**669.36**	**669.36**	**669.36**	**669.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**669.36**	**669.36**	**669.36**	669.36	**669.36**	669.35	**669.36**	**669.36**	667.21	659.99	**669.36**	-Inf	-Inf	-Inf	**669.36**
	runtime	0.03	0.01	0.80	0.90	0.01	0.65	12.67	0.17	0.81	0.26	15.69	15.60	14.66	0.28	0.68	0.68	93.53	23.66	91.73	11.25	11.71	94.38	91.20	2.51	3.17	9.19	61.63	1.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.25 GB	0.07 GB	0.07 GB	1.27 GB	0.42 GB
gm165	value	**662.84**	1074.45	672.70	672.70	1074.45	880.41	880.41	672.70	672.70	672.70	**662.84**	**662.84**	**662.84**	**662.84**	**662.84**	**662.84**	662.90	**662.84**	662.90	**662.84**	**662.84**	662.90	677.47	**662.84**	**662.84**	**662.84**	**662.84**	**662.84**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**662.84**	**662.84**	**662.84**	661.59	662.69	653.76	662.84	**662.84**	649.75	627.94	**662.84**	-Inf	-Inf	-Inf	**662.84**
	runtime	0.01	0.01	0.73	0.76	0.01	0.15	3.51	0.13	0.70	0.20	11.86	11.92	11.06	0.62	1.96	1.95	60.07	60.75	58.07	61.20	40.38	60.23	57.74	10.53	657.80	670.28	105.97	1.84
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.20 GB	0.43 GB	0.44 GB	1.42 GB	0.34 GB
gm166	value	**863.19**	1371.34	913.07	913.07	1371.34	990.29	898.54	913.07	913.07	913.07	909.16	909.16	909.16	865.74	863.84	**863.19**	**863.19**	**863.19**	878.37	**863.19**	**863.19**	875.66	902.54	863.40	877.51	867.49	867.49	**863.19**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	862.80	862.78	**863.19**	859.07	862.46	846.68	862.62	862.45	844.75	795.86	862.80	-Inf	-Inf	-Inf	**863.19**
	runtime	0.03	0.02	1.10	1.18	0.01	0.23	6.94	0.32	1.08	0.41	16.90	16.98	15.48	2.06	5.55	8.27	123.35	128.63	119.43	129.90	120.15	123.94	121.19	7.06	3600.01	3600.00	3600.00	5.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.29 GB	1.16 GB	1.24 GB	1.31 GB	0.67 GB
gm167	value	**668.04**	991.75	692.26	692.26	1000.18	858.21	827.20	692.26	692.26	692.26	**668.04**	731.91	731.25	**668.04**	**668.04**	**668.04**	**668.04**	**668.04**	**668.04**	**668.04**	**668.04**	**668.04**	675.66	**668.04**	670.11	**668.04**	668.12	**668.04**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**668.04**	**668.04**	**668.04**	668.03	**668.04**	667.13	**668.04**	**668.04**	663.71	642.98	**668.04**	-Inf	-Inf	-Inf	**668.04**
	runtime	0.02	0.01	0.51	0.58	0.01	0.16	6.63	0.13	0.51	0.17	9.56	9.78	8.97	0.39	0.66	0.66	63.69	52.67	64.24	13.18	9.29	63.70	65.02	2.35	3600.00	3600.00	112.75	0.98
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.17 GB	0.40 GB	0.45 GB	0.96 GB	0.29 GB
gm168	value	**584.91**	756.13	590.85	590.85	756.13	741.56	728.60	590.85	590.85	590.85	587.87	587.87	587.87	**584.91**	**584.91**	**584.91**	586.56	**584.91**	594.34	**584.91**	**584.91**	595.55	611.52	**584.91**	587.87	**584.91**	**584.91**	**584.91**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**584.91**	**584.91**	**584.91**	583.17	584.76	578.35	584.79	584.91	575.60	544.46	**584.91**	-Inf	-Inf	-Inf	**584.91**
	runtime	0.02	0.02	0.51	0.61	0.01	0.14	11.18	0.10	0.53	0.17	8.47	4.46	2.99	0.75	2.65	2.63	55.85	58.07	53.75	57.43	53.29	55.40	52.29	6.40	3600.00	3600.00	437.76	1.33
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.15 GB	0.49 GB	0.55 GB	1.02 GB	0.26 GB
gm169	value	**898.38**	1532.19	940.08	940.08	1532.19	988.45	981.96	939.34	940.08	941.64	937.70	914.09	912.08	**898.38**	983.46	932.85	901.29	**898.38**	918.87	900.86	899.53	911.81	912.40	**898.38**	905.82	900.95	900.95	**898.38**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**898.38**	898.38	898.38	892.09	895.18	878.72	896.96	895.33	879.49	829.10	**898.38**	-Inf	-Inf	-Inf	**898.38**
	runtime	0.04	0.04	1.81	1.91	0.02	0.44	11.37	0.45	1.76	0.68	26.83	26.89	24.94	3.27	31.10	31.61	205.01	213.39	214.36	209.45	208.28	205.83	211.88	10.82	3600.00	3600.00	3600.01	3.69
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.04 GB	0.08 GB	0.07 GB	0.03 GB	0.06 GB	0.03 GB	0.06 GB	0.03 GB	0.41 GB	0.26 GB	0.24 GB	0.85 GB	0.72 GB
gm17	value	**201.61**	593.26	**201.61**	**201.61**	593.26	523.48	515.86	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**	**201.61**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**201.61**	**201.61**	**201.61**	201.61	**201.61**	201.60	**201.61**	**201.61**	200.54	198.97	**201.61**	-Inf	-Inf	-Inf	**201.61**
	runtime	0.00	0.01	0.11	0.13	0.00	0.03	1.31	0.03	0.12	0.05	2.48	1.78	2.29	0.04	0.07	0.07	12.25	1.22	11.59	1.05	0.77	12.17	11.87	0.37	1.78	7.83	42.97	0.17
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.08 GB	0.08 GB	1.39 GB	0.09 GB
gm170	value	**852.21**	2151.65	856.69	856.69	2151.65	2139.42	1963.41	856.69	856.69	856.69	856.69	856.69	856.69	**852.21**	**852.21**	**852.21**	**852.21**	**852.21**	**852.21**	**852.21**	**852.21**	852.39	863.32	**852.21**	**852.21**	**852.21**	**852.21**	**852.21**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**852.21**	**852.21**	**852.21**	852.17	**852.21**	851.79	**852.21**	**852.21**	846.61	828.35	**852.21**	-Inf	-Inf	-Inf	**852.21**
	runtime	0.02	0.01	0.75	0.84	0.00	0.11	7.38	0.15	0.73	0.24	15.62	15.47	14.34	0.42	1.75	1.78	131.14	38.32	127.16	26.12	27.61	128.99	121.27	2.57	1313.44	1291.55	91.31	1.33
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.26 GB	0.25 GB	0.25 GB	1.89 GB	0.46 GB
gm171	value	**474.12**	864.69	505.02	505.02	864.69	479.50	479.50	491.63	505.02	491.63	491.63	515.37	527.89	**474.12**	**474.12**	**474.12**	**474.12**	**474.12**	**474.12**	**474.12**	**474.12**	475.52	499.84	**474.12**	**474.12**	**474.12**	**474.12**	**474.12**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**474.12**	**474.12**	**474.12**	473.82	**474.12**	470.57	**474.12**	**474.12**	467.60	442.48	**474.12**	-Inf	-Inf	-Inf	**474.12**
	runtime	0.01	0.01	0.33	0.37	0.00	0.15	5.20	0.09	0.33	0.12	4.88	4.83	4.37	0.22	0.32	0.32	33.39	20.54	31.06	5.39	3.25	33.41	31.12	2.12	3.71	9.48	50.02	0.79
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.11 GB	0.11 GB	1.68 GB	0.17 GB
gm172	value	**284.46**	571.27	312.16	312.16	570.23	314.17	314.17	312.16	312.16	312.16	**284.46**	**284.46**	359.17	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**	**284.46**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**284.46**	**284.46**	**284.46**	284.46	**284.46**	284.46	**284.46**	**284.46**	283.46	281.05	**284.46**	-Inf	-Inf	-Inf	**284.46**
	runtime	0.01	0.01	0.19	0.23	0.00	0.17	3.10	0.06	0.19	0.07	4.24	2.16	3.88	0.07	0.13	0.13	25.03	2.65	23.52	2.06	1.19	25.15	23.76	0.62	2.30	8.32	31.48	0.30
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.09 GB	0.09 GB	0.95 GB	0.14 GB
gm173	value	**273.94**	424.55	306.96	306.96	424.55	419.23	419.23	312.00	306.96	312.00	309.49	309.49	338.39	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**	279.06	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**273.94**	**273.94**	**273.94**	273.94	**273.94**	273.93	**273.94**	**273.94**	272.34	265.94	**273.94**	-Inf	-Inf	-Inf	**273.94**
	runtime	0.00	0.01	0.11	0.14	0.00	0.03	1.86	0.03	0.12	0.06	2.42	1.11	2.37	0.05	0.07	0.07	10.67	2.60	16.47	1.14	0.77	17.36	16.49	0.48	0.97	6.96	55.12	0.30
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.04 GB	0.04 GB	1.79 GB	0.10 GB
gm174	value	713.62	855.70	759.80	759.80	855.70	797.51	748.28	786.23	759.80	782.30	737.98	783.72	819.40	**696.48**	**696.48**	**696.48**	**696.48**	**696.48**	**696.48**	**696.48**	**696.48**	699.29	724.30	**696.48**	**696.48**	**696.48**	**696.48**	**696.48**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**696.48**	696.48	696.48	694.62	696.31	691.60	696.38	696.39	688.83	662.09	**696.48**	-Inf	-Inf	-Inf	**696.48**
	runtime	0.01	0.01	0.79	0.86	0.00	0.09	12.09	5.30	0.78	5.54	6.51	6.53	5.93	0.50	1.04	1.01	56.26	57.28	54.33	56.59	52.29	55.84	52.90	2.02	3.62	9.26	56.89	1.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.12 GB	0.11 GB	0.11 GB	1.87 GB	0.22 GB
gm175	value	**653.55**	1218.70	**653.55**	**653.55**	1218.70	1172.56	671.14	**653.55**	**653.55**	**653.55**	653.99	653.99	653.99	**653.55**	**653.55**	**653.55**	653.82	**653.55**	653.82	**653.55**	**653.55**	657.20	661.28	**653.55**	656.57	**653.55**	**653.55**	**653.55**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**653.55**	653.55	653.55	651.92	**653.55**	648.39	653.53	**653.55**	643.48	619.47	**653.55**	-Inf	-Inf	-Inf	**653.55**
	runtime	0.02	0.01	0.57	0.62	0.00	0.09	11.19	0.12	0.55	0.19	9.48	9.73	8.94	0.52	1.90	1.85	92.23	88.60	89.63	92.82	74.69	90.70	87.24	1.66	3600.01	3600.00	3600.00	1.00
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.18 GB	0.26 GB	0.25 GB	1.78 GB	0.30 GB
gm176	value	540.78	676.67	575.70	575.70	676.67	664.06	622.85	582.25	575.70	582.25	549.71	542.02	539.72	**539.58**	**539.58**	**539.58**	**539.58**	**539.58**	545.21	**539.58**	**539.58**	544.53	559.50	**539.58**	**539.58**	**539.58**	**539.58**	**539.58**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**539.58**	539.58	539.58	538.62	539.43	533.20	539.58	539.53	529.02	495.27	539.58	-Inf	-Inf	-Inf	539.58
	runtime	0.01	0.00	0.34	0.39	0.01	0.07	15.97	5.32	0.33	5.67	6.19	6.21	5.78	0.62	1.09	1.10	41.70	39.98	37.79	22.39	37.62	39.68	37.84	6.80	13.51	15.52	58.14	0.84
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.11 GB	0.12 GB	0.11 GB	1.59 GB	0.19 GB
gm177	value	**567.41**	1229.88	595.45	595.45	1229.88	613.67	589.09	595.45	595.45	595.45	**567.41**	**567.41**	**567.41**	**567.41**	**567.41**	**567.41**	568.07	**567.41**	570.09	**567.41**	**567.41**	569.39	579.45	**567.41**	**567.41**	**567.41**	**567.41**	**567.41**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**567.41**	**567.41**	**567.41**	565.71	**567.41**	562.55	**567.41**	**567.41**	556.73	545.27	**567.41**	-Inf	-Inf	-Inf	**567.41**
	runtime	0.03	0.02	1.43	1.63	0.01	0.72	27.34	0.32	1.43	0.48	26.09	25.78	24.69	0.68	2.17	2.19	250.92	158.17	266.65	115.97	110.21	248.83	267.23	3.19	3.18	9.17	21.18	2.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.07 GB	0.06 GB	0.03 GB	0.06 GB	0.03 GB	0.06 GB	0.03 GB	0.37 GB	0.11 GB	0.11 GB	0.48 GB	0.62 GB
gm178	value	**467.83**	713.86	**467.83**	**467.83**	713.86	590.29	522.49	**467.83**	**467.83**	**467.83**	**467.83**	**467.83**	**467.83**	**467.83**	**467.83**	**467.83**	**467.83**	**467.83**	**467.83**	**467.83**	**467.83**	471.90	476.19	**467.83**	470.64	**467.83**	**467.83**	**467.83**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**467.83**	**467.83**	**467.83**	466.76	467.82	465.03	**467.83**	**467.83**	459.37	442.97	**467.83**	-Inf	-Inf	-Inf	**467.83**
	runtime	0.02	0.03	1.06	1.20	0.02	0.16	9.38	0.31	1.09	0.44	18.09	17.84	16.65	0.35	1.29	1.33	120.61	117.18	118.02	103.65	40.75	116.97	110.51	2.48	3527.17	3600.01	3600.00	1.45
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.30 GB	0.64 GB	0.63 GB	1.22 GB	0.51 GB
gm179	value	899.79	2240.69	981.67	981.67	2240.69	1685.85	1617.78	979.90	981.67	979.90	974.45	945.13	945.13	**893.82**	897.77	897.77	**893.82**	894.39	898.63	**893.82**	**893.82**	898.41	936.79	**893.82**	925.51	**893.82**	**893.82**	**893.82**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**893.82**	893.82	893.82	886.64	892.39	869.60	893.53	892.99	869.88	830.94	**893.82**	-Inf	-Inf	-Inf	**893.82**
	runtime	0.03	0.01	0.73	0.80	0.01	0.16	5.91	0.22	0.73	0.29	10.83	10.83	6.70	1.02	3.05	6.16	95.16	91.62	92.34	91.30	86.70	92.41	90.17	4.26	3600.00	3600.00	3600.00	1.80
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.05 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.20 GB	1.43 GB	0.45 GB	1.47 GB	0.34 GB
gm18	value	**417.34**	1143.49	418.79	418.79	1143.49	471.73	469.98	423.56	418.79	423.56	**417.34**	**417.34**	**417.34**	**417.34**	**417.34**	**417.34**	**417.34**	**417.34**	**417.34**	**417.34**	**417.34**	**417.34**	427.00	**417.34**	**417.34**	**417.34**	**417.34**	**417.34**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**417.34**	**417.34**	**417.34**	415.97	417.32	411.01	417.33	417.31	408.74	387.97	**417.34**	-Inf	-Inf	-Inf	**417.34**
	runtime	0.01	0.02	0.63	0.69	0.01	0.45	11.57	13.47	0.61	13.70	15.11	15.16	14.58	0.74	2.65	2.65	66.08	66.05	63.24	67.96	62.85	66.03	63.40	6.24	1433.69	1439.25	86.40	2.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.22 GB	0.35 GB	0.34 GB	1.29 GB	0.39 GB
gm180	value	371.77	441.08	**366.89**	**366.89**	441.08	441.08	441.08	**366.89**	**366.89**	**366.89**	**366.89**	**366.89**	488.72	**366.89**	**366.89**	**366.89**	**366.89**	**366.89**	**366.89**	**366.89**	**366.89**	**366.89**	374.32	**366.89**	**366.89**	**366.89**	**366.89**	**366.89**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**366.89**	**366.89**	**366.89**	366.59	**366.89**	365.55	**366.89**	**366.89**	363.19	353.89	**366.89**	-Inf	-Inf	-Inf	**366.89**
	runtime	0.01	0.01	0.26	0.29	0.01	0.04	3.85	0.06	0.26	0.09	4.33	4.32	3.93	0.13	0.25	0.25	30.58	5.86	28.69	3.86	5.43	30.54	28.60	0.74	2.06	8.07	38.17	0.40
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.09 GB	0.09 GB	1.23 GB	0.14 GB
gm181	value	**347.76**	538.69	375.85	375.85	538.69	467.28	393.83	368.91	375.85	369.91	**347.76**	368.03	388.93	**347.76**	**347.76**	**347.76**	**347.76**	**347.76**	**347.76**	**347.76**	**347.76**	348.11	352.49	**347.76**	**347.76**	**347.76**	**347.76**	**347.76**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**347.76**	**347.76**	**347.76**	347.49	**347.76**	347.30	347.76	**347.76**	344.55	340.95	**347.76**	-Inf	-Inf	-Inf	**347.76**
	runtime	0.01	0.01	0.42	0.45	0.01	0.14	11.37	0.14	0.41	0.12	5.11	5.07	4.63	0.15	0.30	0.29	44.93	18.31	42.77	10.53	13.24	44.99	43.10	1.02	2.82	8.81	56.98	0.37
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.10 GB	0.11 GB	0.11 GB	1.84 GB	0.16 GB
gm182	value	**787.50**	1281.74	835.51	835.51	1281.74	1192.38	1156.96	835.51	835.51	835.51	815.83	**787.50**	**787.50**	**787.50**	**787.50**	**787.50**	**787.50**	**787.50**	**787.50**	**787.50**	**787.50**	788.38	804.94	**787.50**	**787.50**	**787.50**	**787.50**	**787.50**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**787.50**	**787.50**	**787.50**	787.07	787.50	785.07	787.50	787.50	782.91	761.02	**787.50**	-Inf	-Inf	-Inf	**787.50**
	runtime	0.03	0.02	2.24	2.30	0.02	0.20	12.31	0.59	2.21	0.83	21.32	21.13	19.89	1.00	2.71	2.74	124.44	126.75	119.56	67.95	55.26	125.12	119.73	3.18	3600.00	3600.01	3600.01	1.99
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.33 GB	1.03 GB	0.41 GB	1.18 GB	0.57 GB
gm183	value	**486.31**	825.17	552.80	552.80	825.17	531.88	516.76	510.04	552.80	510.04	494.09	494.09	494.09	**486.31**	**486.31**	**486.31**	**486.31**	**486.31**	491.18	**486.31**	**486.31**	493.35	503.31	**486.31**	**486.31**	**486.31**	**486.31**	**486.31**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**486.31**	**486.31**	**486.31**	484.68	**486.31**	479.60	486.31	**486.31**	477.02	458.43	**486.31**	-Inf	-Inf	-Inf	**486.31**
	runtime	0.01	0.01	0.55	0.62	0.00	0.18	8.50	0.18	0.55	0.24	10.74	10.72	9.98	0.58	2.22	2.22	83.29	71.98	79.49	73.54	75.31	82.03	78.80	2.55	1.21	7.21	26.10	1.52
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.17 GB	0.04 GB	0.04 GB	0.63 GB	0.29 GB
gm184	value	**127.08**	157.16	**127.08**	**127.08**	157.16	156.49	156.49	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**	**127.08**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**127.08**	**127.08**	**127.08**	127.08	**127.08**	126.98	**127.08**	**127.08**	126.10	122.74	**127.08**	-Inf	-Inf	-Inf	**127.08**
	runtime	0.00	0.00	0.07	0.08	0.00	0.03	2.20	0.01	0.07	0.02	1.87	0.71	0.61	0.04	0.12	0.12	10.85	1.53	10.32	1.06	1.42	10.78	10.40	0.27	1.77	7.79	16.51	0.13
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.05 GB	0.05 GB	0.21 GB	0.07 GB
gm185	value	**408.31**	845.99	**408.31**	**408.31**	845.99	539.74	532.52	**408.31**	**408.31**	**408.31**	**408.31**	409.09	461.08	**408.31**	**408.31**	**408.31**	**408.31**	**408.31**	**408.31**	**408.31**	**408.31**	**408.31**	409.15	**408.31**	**408.31**	**408.31**	**408.31**	**408.31**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**408.31**	**408.31**	**408.31**	408.21	**408.31**	408.10	**408.31**	**408.31**	405.77	398.66	**408.31**	-Inf	-Inf	-Inf	**408.31**
	runtime	0.01	0.01	0.24	0.27	0.00	0.20	3.95	0.05	0.23	0.08	5.55	5.65	5.15	0.14	0.53	0.52	32.10	7.81	30.06	7.11	4.59	31.62	30.37	0.96	2.04	8.01	24.36	0.47
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.11 GB	0.04 GB	0.04 GB	0.72 GB	0.18 GB
gm186	value	902.99	1699.49	940.31	940.31	1699.49	1464.92	1245.19	940.31	940.31	940.31	919.95	903.53	903.53	**902.63**	**902.63**	**902.63**	**902.63**	**902.63**	909.99	**902.63**	**902.63**	911.50	930.58	**902.63**	903.53	902.83	902.83	**902.63**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**902.63**	902.63	**902.63**	901.94	902.59	892.51	902.63	902.63	890.72	844.15	**902.63**	-Inf	-Inf	-Inf	**902.63**
	runtime	0.02	0.01	0.65	0.72	0.01	0.12	7.99	0.18	0.67	0.28	14.44	14.74	13.75	1.08	3.26	4.57	94.61	94.11	90.87	69.85	58.13	94.35	89.83	6.25	3600.01	3600.00	3600.00	2.31
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.25 GB	0.72 GB	0.65 GB	2.38 GB	0.43 GB
gm187	value	**764.33**	1209.65	838.86	838.86	1209.65	782.10	768.22	838.86	838.86	838.86	809.16	809.16	923.29	**764.33**	**764.33**	**764.33**	**764.33**	**764.33**	769.22	**764.33**	**764.33**	769.22	787.36	**764.33**	797.20	**764.33**	**764.33**	**764.33**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**764.33**	**764.33**	**764.33**	763.62	**764.33**	759.58	**764.33**	**764.33**	753.96	723.39	**764.33**	-Inf	-Inf	-Inf	**764.33**
	runtime	0.01	0.02	1.15	1.26	0.01	0.16	5.12	0.42	1.18	0.40	11.70	11.73	10.79	0.45	1.12	1.13	97.96	26.77	94.48	38.64	54.86	98.62	98.13	2.71	3600.00	3600.00	3600.00	1.34
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.21 GB	0.51 GB	0.51 GB	2.09 GB	0.37 GB
gm188	value	**141.90**	**141.90**	146.40	146.40	**141.90**	**141.90**	**141.90**	146.40	146.40	146.40	146.40	146.40	146.40	**141.90**	**141.90**	**141.90**	**141.90**	**141.90**	**141.90**	**141.90**	**141.90**	142.15	**141.90**	**141.90**	**141.90**	**141.90**	**141.90**	**141.90**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**141.90**	**141.90**	**141.90**	141.89	**141.90**	141.82	**141.90**	**141.90**	141.00	136.61	**141.90**	-Inf	-Inf	-Inf	**141.90**
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	1.13	0.02	0.06	0.02	1.39	0.55	0.31	0.03	0.03	0.03	11.01	1.41	10.70	0.74	3.88	11.13	10.57	0.22	2.81	8.80	8.91	0.18
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.11 GB	0.11 GB	0.11 GB	0.07 GB
gm189	value	**779.16**	1543.09	809.48	809.48	1543.09	890.35	790.82	802.30	809.48	802.30	791.36	791.36	833.45	**779.16**	782.35	781.10	779.33	**779.16**	815.37	**779.16**	809.18	798.05	818.18	779.16	**779.16**	**779.16**	**779.16**	**779.16**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**779.16**	779.12	779.16	775.62	778.41	768.89	778.71	765.45	763.26	715.69	779.16	-Inf	-Inf	-Inf	779.16
	runtime	0.02	0.01	0.63	0.70	0.01	0.17	7.31	0.18	0.65	0.27	10.67	6.82	9.90	2.42	9.72	11.18	55.88	55.57	54.83	55.83	53.33	56.25	56.02	6.75	3600.00	3600.00	3600.00	1.75
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	0.36 GB	0.36 GB	1.56 GB	0.32 GB
gm19	value	**876.65**	1718.19	923.79	923.79	1718.19	1716.29	1716.29	923.79	923.79	923.79	879.05	**876.65**	**876.65**	**876.65**	**876.65**	**876.65**	**876.65**	**876.65**	881.00	**876.65**	**876.65**	881.54	903.98	**876.65**	879.05	878.54	878.54	**876.65**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**876.65**	**876.65**	**876.65**	876.52	876.59	874.09	876.65	876.65	870.30	826.79	**876.65**	-Inf	-Inf	-Inf	**876.65**
	runtime	0.03	0.01	0.93	1.02	0.01	0.11	7.50	0.26	0.93	0.34	14.90	14.98	13.98	1.31	2.25	2.23	106.43	106.01	102.26	67.03	100.61	103.70	101.06	2.29	3600.00	3600.00	3600.00	1.49
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.26 GB	0.42 GB	0.44 GB	0.90 GB	0.44 GB
gm190	value	**572.30**	1067.45	**572.30**	**572.30**	1067.45	681.04	**572.30**	**572.30**	**572.30**	**572.30**	**572.30**	**572.30**	**572.30**	**572.30**	**572.30**	**572.30**	**572.30**	**572.30**	572.76	**572.30**	**572.30**	574.85	580.68	**572.30**	**572.30**	**572.30**	**572.30**	**572.30**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**572.30**	572.30	572.30	571.72	**572.30**	570.01	**572.30**	**572.30**	566.41	555.05	**572.30**	-Inf	-Inf	-Inf	**572.30**
	runtime	0.03	0.03	0.84	0.91	0.01	0.25	7.59	0.19	0.81	0.28	18.16	18.13	16.73	0.29	1.99	1.95	153.68	70.45	158.02	58.06	31.27	154.36	159.28	2.58	5.30	11.29	27.06	1.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.02 GB	0.04 GB	0.02 GB	0.04 GB	0.02 GB	0.31 GB	0.13 GB	0.13 GB	0.58 GB	0.52 GB
gm191	value	**94.62**	198.22	**94.62**	**94.62**	198.22	137.35	137.35	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**	**94.62**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**94.62**	**94.62**	**94.62**	94.58	**94.62**	94.50	**94.62**	**94.62**	92.72	91.61	**94.62**	-Inf	-Inf	-Inf	**94.62**
	runtime	0.00	0.00	0.03	0.03	0.00	0.01	0.22	0.01	0.03	0.01	0.27	0.11	0.05	0.02	0.02	0.02	2.56	1.18	2.49	0.46	0.24	2.56	2.49	0.08	0.30	6.26	6.27	0.07
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB
gm192	value	**114.51**	162.18	**114.51**	**114.51**	162.18	128.20	120.86	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**	**114.51**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**114.51**	**114.51**	**114.51**	114.49	**114.51**	114.37	**114.51**	**114.51**	112.01	109.90	**114.51**	-Inf	-Inf	-Inf	**114.51**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.75	0.01	0.04	0.02	1.21	0.87	0.54	0.03	0.05	0.05	5.98	0.71	5.80	0.64	0.70	5.98	5.83	0.18	2.83	8.82	8.70	0.09
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.11 GB	0.11 GB	0.11 GB	0.05 GB
gm193	value	**572.88**	1114.49	610.60	610.60	1114.49	714.23	606.35	610.60	610.60	610.60	575.06	681.24	586.63	**572.88**	**572.88**	**572.88**	573.86	**572.88**	577.84	**572.88**	**572.88**	579.78	592.02	**572.88**	**572.88**	**572.88**	575.13	**572.88**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**572.88**	572.88	572.88	570.19	572.32	565.05	572.71	572.76	564.23	534.50	**572.88**	-Inf	-Inf	-Inf	**572.88**
	runtime	0.02	0.01	1.26	1.34	0.01	0.34	20.31	0.31	1.24	0.41	14.42	14.35	13.71	0.82	4.76	4.83	104.33	105.44	100.21	104.59	99.81	106.12	101.23	2.69	597.10	325.75	260.22	1.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.22 GB	0.31 GB	0.18 GB	1.44 GB	0.38 GB
gm194	value	279.68	290.11	285.46	285.46	290.11	286.18	286.18	285.46	285.46	285.46	279.68	279.68	279.68	**270.78**	**270.78**	**270.78**	**270.78**	**270.78**	**270.78**	**270.78**	**270.78**	277.51	284.88	**270.78**	**270.78**	**270.78**	**270.78**	**270.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**270.78**	**270.78**	**270.78**	270.70	**270.78**	269.67	**270.78**	**270.78**	265.96	254.91	**270.78**	-Inf	-Inf	-Inf	**270.78**
	runtime	0.00	0.01	0.08	0.09	0.01	0.02	0.67	0.03	0.08	0.03	1.59	0.65	0.40	0.10	0.10	0.10	10.31	3.83	9.88	1.49	1.16	10.32	9.81	0.45	1.13	7.12	42.24	0.29
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.30 GB	0.08 GB
gm195	value	**404.68**	796.20	**404.68**	**404.68**	796.20	491.20	428.40	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	415.71	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**	**404.68**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**404.68**	**404.68**	**404.68**	404.68	**404.68**	404.49	**404.68**	**404.68**	403.00	395.54	**404.68**	-Inf	-Inf	-Inf	**404.68**
	runtime	0.01	0.00	0.29	0.33	0.00	0.13	10.55	0.07	0.30	0.10	5.00	5.06	4.63	0.14	0.20	0.20	28.67	4.10	27.20	2.45	2.50	28.53	26.86	0.79	1.79	7.78	33.40	0.42
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.07 GB	0.07 GB	0.95 GB	0.16 GB
gm196	value	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**66.20**	**66.20**	**66.20**	**66.20**	**66.20**	66.20	**66.20**	**66.20**	66.02	65.14	**66.20**	-Inf	-Inf	-Inf	**66.20**
	runtime	0.00	0.00	0.02	0.03	0.00	0.01	0.18	0.01	0.03	0.01	0.43	0.17	0.09	0.01	0.01	0.01	1.28	0.19	3.13	0.12	0.09	3.17	3.07	0.10	0.08	6.08	6.11	0.07
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB
gm197	value	**270.02**	306.15	281.29	281.29	306.15	282.90	273.13	281.29	281.29	281.29	281.29	281.29	281.29	**270.02**	**270.02**	**270.02**	**270.02**	**270.02**	270.62	**270.02**	**270.02**	270.62	275.54	**270.02**	**270.02**	**270.02**	**270.02**	**270.02**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**270.02**	**270.02**	**270.02**	269.85	**270.02**	269.05	**270.02**	**270.02**	266.77	260.69	**270.02**	-Inf	-Inf	-Inf	**270.02**
	runtime	0.01	0.00	0.19	0.22	0.00	0.04	2.02	0.04	0.19	0.07	3.19	3.52	3.17	0.11	0.17	0.16	21.57	5.41	20.42	2.75	3.72	22.05	20.11	0.56	2.30	8.29	45.73	0.34
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.09 GB	0.09 GB	1.70 GB	0.13 GB
gm198	value	**213.04**	241.58	233.45	233.45	241.58	240.95	**213.04**	233.45	233.45	233.45	233.45	233.45	233.45	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**	**213.04**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**213.04**	**213.04**	**213.04**	213.04	**213.04**	213.03	**213.04**	**213.04**	211.21	206.74	**213.04**	-Inf	-Inf	-Inf	**213.04**
	runtime	0.00	0.00	0.12	0.14	0.00	0.02	1.87	0.03	0.14	0.04	1.82	0.76	0.48	0.05	0.09	0.09	12.01	1.56	11.50	0.91	0.98	12.02	11.48	0.39	2.12	8.10	46.66	0.21
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.09 GB	0.09 GB	1.58 GB	0.10 GB
gm199	value	**316.28**	482.96	319.37	319.37	482.96	454.96	348.72	319.37	319.37	319.37	319.37	319.37	319.37	**316.28**	**316.28**	**316.28**	**316.28**	**316.28**	**316.28**	**316.28**	**316.28**	**316.28**	318.89	**316.28**	**316.28**	**316.28**	**316.28**	**316.28**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**316.28**	**316.28**	**316.28**	316.22	**316.28**	315.55	**316.28**	**316.28**	312.25	302.84	**316.28**	-Inf	-Inf	-Inf	**316.28**
	runtime	0.01	0.02	0.41	0.49	0.01	0.09	8.07	0.08	0.42	0.13	9.08	9.03	5.70	0.14	0.41	0.45	60.90	34.45	62.07	8.74	8.96	60.88	61.17	1.21	2.58	8.29	29.87	0.70
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.05 GB	0.05 GB	0.96 GB	0.27 GB
gm2	value	**715.38**	948.38	775.45	775.45	948.38	925.41	901.88	775.45	775.45	775.45	772.41	772.41	772.41	**715.38**	**715.38**	**715.38**	**715.38**	**715.38**	717.53	**715.38**	**715.38**	720.48	730.71	**715.38**	**715.38**	**715.38**	**715.38**	**715.38**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**715.38**	715.38	715.38	711.35	714.97	704.90	714.73	714.72	700.58	674.06	**715.38**	-Inf	-Inf	-Inf	**715.38**
	runtime	0.03	0.02	1.11	1.14	0.01	0.12	10.79	0.32	1.06	0.39	15.27	15.32	14.76	0.85	3.49	3.44	96.48	97.49	98.35	95.51	97.98	94.71	97.91	4.35	3600.00	3600.01	525.17	1.87
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.25 GB	0.36 GB	0.35 GB	2.03 GB	0.43 GB
gm20	value	**347.10**	595.26	359.61	359.61	595.26	590.15	588.92	359.61	359.61	359.61	359.61	359.61	359.61	**347.10**	**347.10**	**347.10**	**347.10**	**347.10**	**347.10**	**347.10**	**347.10**	**347.10**	348.35	**347.10**	**347.10**	**347.10**	**347.10**	**347.10**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**347.10**	**347.10**	**347.10**	347.01	**347.10**	346.81	**347.10**	**347.10**	345.19	339.26	**347.10**	-Inf	-Inf	-Inf	**347.10**
	runtime	0.01	0.01	0.23	0.26	0.01	0.03	1.35	0.05	0.23	0.07	3.49	2.87	3.03	0.10	0.12	0.12	23.78	4.66	22.66	3.73	3.10	23.87	22.37	0.65	2.26	8.27	45.96	0.46
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.10 GB	0.10 GB	1.68 GB	0.14 GB
gm200	value	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	375.44	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**	**326.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**326.44**	**326.44**	**326.44**	326.44	**326.44**	326.44	**326.44**	**326.44**	326.04	325.46	**326.44**	-Inf	-Inf	-Inf	**326.44**
	runtime	0.01	0.01	0.17	0.21	0.00	0.04	2.37	0.05	0.18	0.07	4.62	4.57	4.10	0.05	0.08	0.08	27.69	1.58	25.78	1.30	1.64	27.27	25.66	0.67	3.11	9.10	19.75	0.57
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.14 GB	0.14 GB	0.56 GB	0.17 GB
gm201	value	**311.75**	353.32	322.09	322.09	353.32	353.32	353.32	322.09	322.09	322.09	**311.75**	**311.75**	**311.75**	**311.75**	**311.75**	**311.75**	**311.75**	**311.75**	313.32	**311.75**	**311.75**	314.37	322.55	**311.75**	**311.75**	**311.75**	**311.75**	**311.75**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**311.75**	311.75	311.75	309.78	311.73	305.84	311.74	311.75	303.61	288.47	311.75	-Inf	-Inf	-Inf	311.75
	runtime	0.01	0.00	0.18	0.21	0.00	0.03	1.58	0.06	0.19	0.08	3.91	3.67	2.38	0.23	0.77	0.76	27.92	28.02	26.12	27.95	25.46	27.61	26.10	1.02	3.83	9.85	24.14	0.46
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.13 GB	0.13 GB	0.59 GB	0.13 GB
gm202	value	**715.80**	1310.25	780.68	780.68	1310.25	1100.77	1100.77	780.68	780.68	780.68	736.92	736.92	795.58	**715.80**	**715.80**	**715.80**	**715.80**	**715.80**	**715.80**	**715.80**	**715.80**	716.96	731.61	**715.80**	**715.80**	**715.80**	**715.80**	**715.80**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**715.80**	**715.80**	**715.80**	714.58	**715.80**	706.72	**715.80**	**715.80**	702.50	682.10	**715.80**	-Inf	-Inf	-Inf	**715.80**
	runtime	0.01	0.01	1.06	1.14	0.01	0.14	4.88	0.38	1.09	0.38	8.94	9.29	8.30	0.53	1.36	1.31	57.73	41.18	55.53	39.83	34.09	57.82	55.17	2.35	50.66	52.93	64.76	1.25
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.06 GB	0.06 GB	1.13 GB	0.27 GB
gm203	value	**106.21**	118.65	**106.21**	**106.21**	118.65	118.65	118.65	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	**106.21**	105.93	105.27	**106.21**	-Inf	-Inf	-Inf	**106.21**
	runtime	0.01	0.01	0.06	0.07	0.00	0.02	0.90	0.02	0.06	0.03	0.95	0.38	0.26	0.03	0.02	0.02	3.83	0.68	4.34	0.24	0.22	8.54	8.19	0.23	1.60	7.56	11.05	0.19
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.07 GB	0.07 GB	0.19 GB	0.07 GB
gm204	value	**110.85**	114.17	**110.85**	**110.85**	114.17	114.17	114.17	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**	**110.85**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**110.85**	**110.85**	**110.85**	110.84	**110.85**	110.78	**110.85**	**110.85**	110.09	109.00	**110.85**	-Inf	-Inf	-Inf	**110.85**
	runtime	0.01	0.01	0.11	0.14	0.00	0.04	1.68	0.02	0.11	0.03	1.53	0.61	0.34	0.02	0.10	0.10	18.10	1.54	16.82	0.73	1.53	17.95	17.21	0.52	2.35	8.34	49.80	0.42
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.10 GB	0.10 GB	1.85 GB	0.14 GB
gm205	value	**410.24**	604.81	430.43	430.43	604.81	590.69	576.22	430.43	430.43	430.43	430.43	430.43	430.43	**410.24**	**410.24**	**410.24**	**410.24**	**410.24**	**410.24**	**410.24**	**410.24**	410.73	415.22	**410.24**	**410.24**	**410.24**	**410.24**	**410.24**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**410.24**	**410.24**	**410.24**	409.61	**410.24**	408.61	**410.24**	**410.24**	404.81	388.27	**410.24**	-Inf	-Inf	-Inf	**410.24**
	runtime	0.01	0.01	0.29	0.35	0.00	0.05	4.83	0.08	0.29	0.11	4.37	1.73	1.82	0.26	0.58	0.55	29.76	12.53	28.06	5.77	9.17	29.49	28.03	1.26	1.09	7.16	21.78	0.54
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.04 GB	0.04 GB	0.60 GB	0.20 GB
gm206	value	**499.91**	565.45	538.23	538.23	565.45	555.27	515.01	538.23	538.23	538.23	534.78	534.78	**499.91**	**499.91**	**499.91**	**499.91**	500.25	**499.91**	501.41	**499.91**	**499.91**	500.25	506.82	**499.91**	**499.91**	**499.91**	**499.91**	**499.91**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**499.91**	**499.91**	**499.91**	499.57	**499.91**	497.72	**499.91**	**499.91**	493.36	477.87	**499.91**	-Inf	-Inf	-Inf	**499.91**
	runtime	0.01	0.02	0.67	0.75	0.01	0.08	3.85	0.14	0.69	0.21	10.34	6.36	4.24	0.30	1.21	1.19	56.34	58.78	56.68	43.80	54.70	56.67	54.37	1.67	27.72	30.43	57.53	0.96
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	0.09 GB	0.08 GB	1.76 GB	0.32 GB
gm207	value	**328.59**	601.11	329.44	329.44	601.11	353.21	329.44	329.44	329.44	329.44	**328.59**	**328.59**	**328.59**	**328.59**	**328.59**	**328.59**	**328.59**	**328.59**	329.40	**328.59**	**328.59**	329.79	333.71	**328.59**	329.44	**328.59**	**328.59**	**328.59**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**328.59**	328.59	328.59	328.27	**328.59**	327.27	**328.59**	**328.59**	323.94	310.78	**328.59**	-Inf	-Inf	-Inf	**328.59**
	runtime	0.02	0.01	0.42	0.47	0.01	0.13	3.18	0.11	0.43	0.15	9.22	8.13	6.11	0.17	0.99	0.98	62.26	33.98	61.80	55.19	47.22	62.18	60.48	1.31	166.78	166.58	90.93	0.74
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.12 GB	0.12 GB	1.71 GB	0.29 GB
gm208	value	**267.48**	482.54	**267.48**	**267.48**	482.54	287.25	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**	267.48	**267.48**	**267.48**	**267.48**	**267.48**	**267.48**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**267.48**	**267.48**	**267.48**	267.41	267.44	267.29	**267.48**	**267.48**	263.42	260.53	**267.48**	-Inf	-Inf	-Inf	**267.48**
	runtime	0.01	0.02	0.28	0.33	0.01	0.10	3.17	0.06	0.27	0.09	7.10	6.90	4.76	1.79	0.27	0.28	48.32	49.08	46.23	7.58	8.25	48.63	44.77	0.99	1.33	7.33	32.71	0.53
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.13 GB	0.05 GB	0.05 GB	1.10 GB	0.22 GB
gm209	value	**509.78**	548.05	534.94	534.94	548.05	516.49	516.49	534.94	534.94	534.94	**509.78**	**509.78**	543.20	**509.78**	**509.78**	**509.78**	510.04	**509.78**	516.15	**509.78**	**509.78**	518.06	518.79	**509.78**	**509.78**	**509.78**	**509.78**	**509.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**509.78**	**509.78**	**509.78**	508.24	**509.78**	506.18	509.78	**509.78**	503.19	484.46	**509.78**	-Inf	-Inf	-Inf	**509.78**
	runtime	0.01	0.01	0.38	0.42	0.00	0.06	1.97	0.10	0.39	0.13	5.92	3.56	5.38	0.78	0.97	0.97	32.73	24.91	30.73	33.01	20.51	32.56	31.12	1.28	3600.00	3600.00	3600.01	1.03
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.41 GB	0.40 GB	1.34 GB	0.22 GB
gm21	value	**425.91**	532.94	450.41	450.41	532.94	527.96	527.96	474.54	450.41	474.54	444.82	444.82	452.68	**425.91**	**425.91**	**425.91**	**425.91**	**425.91**	427.72	**425.91**	**425.91**	427.80	434.77	**425.91**	**425.91**	**425.91**	**425.91**	**425.91**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**425.91**	425.91	425.91	424.06	425.91	420.25	425.89	425.91	416.22	395.61	425.91	-Inf	-Inf	-Inf	425.91
	runtime	0.01	0.00	0.28	0.31	0.00	0.04	3.55	0.06	0.31	0.08	3.52	3.62	3.41	0.27	0.98	0.95	20.49	20.71	19.65	20.56	13.99	20.48	18.96	1.39	5.74	11.72	57.10	0.63
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.10 GB	0.10 GB	2.10 GB	0.14 GB
gm210	value	**307.86**	429.99	**307.86**	**307.86**	429.99	397.80	372.80	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	**307.86**	309.65	**307.86**	310.81	**307.86**	**307.86**	**307.86**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**307.86**	**307.86**	**307.86**	307.83	**307.86**	307.59	**307.86**	**307.86**	306.29	299.20	**307.86**	-Inf	-Inf	-Inf	**307.86**
	runtime	0.01	0.01	0.25	0.30	0.01	0.06	2.55	0.05	0.25	0.08	6.14	3.11	2.31	0.07	0.19	0.18	41.61	8.64	39.79	3.93	2.80	41.71	40.27	0.93	1.40	7.36	24.43	0.73
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.05 GB	0.05 GB	0.75 GB	0.23 GB
gm211	value	**577.60**	847.90	595.23	595.23	847.90	847.21	745.96	595.23	595.23	595.23	585.58	585.58	585.58	**577.60**	**577.60**	**577.60**	**577.60**	**577.60**	580.99	**577.60**	**577.60**	580.94	602.76	**577.60**	579.75	**577.60**	**577.60**	**577.60**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	577.48	577.59	577.60	576.24	577.57	566.73	**577.60**	**577.60**	563.92	519.73	**577.60**	-Inf	-Inf	-Inf	**577.60**
	runtime	0.02	0.01	0.32	0.37	0.00	0.07	12.94	0.09	0.34	0.12	6.68	6.60	6.08	3.14	1.14	3.11	60.56	61.25	57.92	41.74	47.53	60.88	57.47	3.33	1980.36	1917.26	37.39	0.81
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.12 GB	2.50 GB	2.45 GB	0.86 GB	0.21 GB
gm212	value	**474.52**	715.08	**474.52**	**474.52**	710.89	680.45	657.27	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	**474.52**	482.26	**474.52**	476.30	**474.52**	**474.52**	**474.52**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**474.52**	**474.52**	**474.52**	474.50	**474.52**	473.57	**474.52**	**474.52**	470.42	456.85	**474.52**	-Inf	-Inf	-Inf	**474.52**
	runtime	0.01	0.01	0.32	0.36	0.01	0.07	2.72	0.06	0.33	0.11	6.73	3.82	6.09	0.30	0.42	0.40	34.81	25.24	33.18	7.21	3.71	34.64	33.43	1.05	3600.00	3600.00	41.67	0.63
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.13 GB	0.42 GB	0.45 GB	1.00 GB	0.21 GB

geo-surf-7		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm213	value	**186.32**	**186.32**	193.24	193.24	**186.32**	**186.32**	**186.32**	193.24	193.24	193.24	199.77	199.77	199.77	**186.32**	**186.32**	**186.32**	**186.32**	**186.32**	**186.32**	**186.32**	**186.32**	**186.32**	187.08	**186.32**	**186.32**	**186.32**	**186.32**	**186.32**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**186.32**	186.32	186.32	186.20	**186.32**	185.45	**186.32**	**186.32**	182.86	175.76	**186.32**	-Inf	-Inf	-Inf	**186.32**
	runtime	0.00	0.00	0.12	0.14	0.00	0.03	2.27	0.04	0.12	0.05	0.67	0.27	0.15	0.05	0.10	0.10	10.02	3.79	9.61	1.07	1.58	9.95	9.58	0.34	1.13	7.14	7.31	0.26
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.08 GB
gm214	value	**615.06**	1014.45	670.52	670.52	1011.09	894.34	833.06	665.54	670.52	657.14	651.88	651.88	657.32	**615.06**	**615.06**	**615.06**	615.24	**615.06**	615.75	**615.06**	**615.06**	617.05	631.04	**615.06**	615.27	615.27	615.27	**615.06**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**615.06**	615.06	615.06	613.98	615.05	606.31	**615.06**	615.06	603.83	571.42	**615.06**	-Inf	-Inf	-Inf	**615.06**
	runtime	0.02	0.02	0.96	0.98	0.01	0.17	8.08	0.23	0.91	0.31	13.47	13.33	12.93	0.78	2.71	2.69	104.24	106.67	107.80	95.87	98.50	105.82	100.50	3.17	3600.00	3600.01	3600.00	1.75
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.23 GB	0.81 GB	0.80 GB	2.29 GB	0.39 GB
gm215	value	**249.39**	484.35	256.20	256.20	484.35	296.52	285.01	256.20	256.20	256.20	250.96	250.96	250.96	**249.39**	**249.39**	**249.39**	**249.39**	**249.39**	**249.39**	**249.39**	**249.39**	**249.39**	254.13	**249.39**	**249.39**	**249.39**	**249.39**	**249.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**249.39**	**249.39**	**249.39**	249.16	**249.39**	248.41	**249.39**	**249.39**	246.10	239.69	**249.39**	-Inf	-Inf	-Inf	**249.39**
	runtime	0.01	0.01	0.34	0.40	0.01	0.11	2.96	0.06	0.35	0.11	7.25	3.00	1.54	0.13	0.49	0.49	44.14	11.59	42.71	7.73	8.63	44.73	42.15	1.13	2254.92	2307.69	43.55	0.64
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.15 GB	0.26 GB	0.26 GB	1.43 GB	0.25 GB
gm216	value	**489.87**	923.40	491.89	491.89	923.40	897.95	889.71	526.46	491.89	526.46	**489.87**	**489.87**	**489.87**	**489.87**	**489.87**	**489.87**	**489.87**	**489.87**	**489.87**	**489.87**	**489.87**	**489.87**	500.86	**489.87**	**489.87**	**489.87**	**489.87**	**489.87**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**489.87**	**489.87**	**489.87**	489.52	**489.87**	488.37	**489.87**	**489.87**	485.48	474.72	**489.87**	-Inf	-Inf	-Inf	**489.87**
	runtime	0.01	0.01	0.49	0.52	0.01	0.05	2.43	0.10	0.50	0.13	6.38	5.57	2.88	0.24	0.43	0.42	44.34	25.52	42.12	19.57	12.95	44.74	42.06	1.11	23.39	29.17	38.78	0.59
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.12 GB	0.06 GB	0.06 GB	0.92 GB	0.21 GB
gm217	value	**229.21**	425.12	266.65	266.65	425.12	326.29	268.76	266.65	266.65	266.65	266.65	266.65	273.22	**229.21**	**229.21**	**229.21**	**229.21**	**229.21**	**229.21**	**229.21**	**229.21**	**229.21**	231.28	**229.21**	**229.21**	**229.21**	**229.21**	**229.21**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**229.21**	**229.21**	**229.21**	**229.21**	**229.21**	**229.21**	**229.21**	**229.21**	228.66	227.08	**229.21**	-Inf	-Inf	-Inf	**229.21**
	runtime	0.01	0.01	0.19	0.23	0.00	0.08	4.00	0.04	0.20	0.07	4.71	4.42	4.29	0.06	0.08	0.08	11.18	2.61	13.48	1.38	1.96	29.37	27.03	0.65	3.05	9.06	19.53	0.35
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.13 GB	0.13 GB	0.54 GB	0.16 GB
gm218	value	**253.21**	403.29	**253.21**	**253.21**	403.29	273.47	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**	**253.21**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**253.21**	**253.21**	**253.21**	253.20	**253.21**	253.06	**253.21**	**253.21**	251.65	247.18	**253.21**	-Inf	-Inf	-Inf	**253.21**
	runtime	0.01	0.01	0.19	0.21	0.00	0.07	2.50	0.04	0.19	0.06	4.17	1.72	0.97	0.08	0.16	0.16	19.43	3.13	18.51	1.84	1.69	19.40	18.33	0.71	2.76	8.78	19.40	0.36
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.12 GB	0.12 GB	0.51 GB	0.15 GB
gm219	value	**789.74**	1263.18	847.63	846.95	1263.18	1170.17	824.57	847.63	847.63	847.63	830.13	830.13	830.13	**789.74**	**789.74**	**789.74**	**789.74**	**789.74**	**789.74**	**789.74**	**789.74**	789.77	792.24	**789.74**	793.25	**789.74**	**789.74**	**789.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**789.74**	789.74	789.74	789.11	**789.74**	785.81	**789.74**	**789.74**	782.91	765.51	**789.74**	-Inf	-Inf	-Inf	**789.74**
	runtime	0.02	0.01	0.66	0.72	0.01	0.10	11.06	0.14	0.66	0.21	11.31	9.81	6.18	0.43	1.54	1.53	74.00	74.68	72.51	39.27	29.01	73.50	73.61	3.35	65.88	74.14	49.82	1.30
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.20 GB	0.08 GB	0.08 GB	1.19 GB	0.34 GB
gm22	value	**286.17**	809.02	288.58	288.58	809.02	809.02	809.02	288.58	288.58	288.58	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**	**286.17**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**286.17**	**286.17**	**286.17**	286.17	**286.17**	**286.17**	**286.17**	**286.17**	286.04	285.81	**286.17**	-Inf	-Inf	-Inf	**286.17**
	runtime	0.01	0.00	0.39	0.43	0.00	0.06	4.34	0.08	0.37	0.12	8.86	8.79	8.50	0.09	0.18	0.18	62.00	9.14	55.49	10.55	2.99	61.95	60.56	1.10	1.09	7.09	30.40	0.60
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.14 GB	0.04 GB	0.04 GB	0.88 GB	0.25 GB
gm220	value	**57.65**	125.55	**57.65**	**57.65**	125.55	125.55	125.55	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**	**57.65**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**57.65**	**57.65**	**57.65**	57.65	**57.65**	57.65	**57.65**	**57.65**	57.59	57.16	**57.65**	-Inf	-Inf	-Inf	**57.65**
	runtime	0.00	0.00	0.01	0.02	0.00	0.00	0.19	0.00	0.01	0.01	0.07	0.03	0.01	0.01	0.00	0.01	0.59	0.04	1.64	0.02	0.04	1.64	1.61	0.05	2.99	8.99	9.00	0.05
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.12 GB	0.12 GB	0.12 GB	0.03 GB
gm221	value	**163.07**	175.55	**163.07**	**163.07**	175.55	175.55	175.55	**163.07**	**163.07**	**163.07**	**163.07**	203.38	198.61	**163.07**	**163.07**	**163.07**	**163.07**	**163.07**	**163.07**	**163.07**	**163.07**	**163.07**	164.78	**163.07**	**163.07**	**163.07**	**163.07**	**163.07**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**163.07**	**163.07**	**163.07**	163.00	**163.07**	162.65	**163.07**	**163.07**	160.97	157.82	**163.07**	-Inf	-Inf	-Inf	**163.07**
	runtime	0.01	0.01	0.10	0.12	0.00	0.03	2.38	0.03	0.11	0.04	2.12	2.12	1.97	0.03	0.06	0.05	16.70	3.31	16.05	2.93	2.39	16.60	15.90	0.33	1.72	7.77	7.85	0.24
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.06 GB	0.06 GB	0.06 GB	0.08 GB
gm222	value	**480.02**	915.83	555.30	555.30	915.83	833.87	797.87	535.29	555.30	535.29	482.25	490.26	494.48	**480.02**	**480.02**	**480.02**	**480.02**	**480.02**	**480.02**	**480.02**	**480.02**	481.86	487.24	**480.02**	**480.02**	**480.02**	**480.02**	**480.02**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**480.02**	**480.02**	**480.02**	479.65	**480.02**	478.92	**480.02**	480.02	475.96	457.27	**480.02**	-Inf	-Inf	-Inf	**480.02**
	runtime	0.03	0.01	1.47	1.64	0.00	0.22	126.19	0.28	1.46	0.41	23.24	23.62	22.72	0.40	1.67	1.69	96.24	54.72	93.54	21.60	94.96	96.25	92.94	3.12	10.53	11.18	797.47	1.30
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.04 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.23 GB	0.11 GB	0.09 GB	5.69 GB	0.40 GB
gm223	value	**688.36**	1067.35	727.72	727.72	1067.35	979.09	966.20	727.72	727.72	727.72	717.21	715.84	715.84	**688.36**	**688.36**	**688.36**	688.40	**688.36**	695.00	**688.36**	**688.36**	697.46	717.00	**688.36**	713.13	**688.36**	**688.36**	**688.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**688.36**	**688.36**	**688.36**	686.72	688.31	679.07	**688.36**	**688.36**	676.00	635.30	**688.36**	-Inf	-Inf	-Inf	**688.36**
	runtime	0.01	0.00	0.32	0.36	0.00	0.10	3.32	0.07	0.32	0.10	4.67	2.80	5.51	0.46	0.99	1.01	31.34	31.73	29.42	14.54	18.53	31.38	30.17	2.61	3600.01	3600.00	50.51	0.88
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.57 GB	0.78 GB	0.82 GB	0.20 GB
gm224	value	**106.46**	222.09	**106.46**	**106.46**	222.09	129.42	108.82	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**	**106.46**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**106.46**	**106.46**	**106.46**	106.31	**106.46**	106.00	**106.46**	**106.46**	104.03	100.94	**106.46**	-Inf	-Inf	-Inf	**106.46**
	runtime	0.00	0.00	0.07	0.09	0.00	0.04	3.32	0.01	0.07	0.03	0.40	0.16	0.10	0.04	0.07	0.07	7.29	0.94	7.03	0.82	1.16	7.23	7.03	0.23	0.57	6.59	6.69	0.19
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	0.03 GB	0.07 GB
gm225	value	**44.97**	88.00	**44.97**	**44.97**	88.00	86.19	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	82.04	56.64	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**	**44.97**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**44.97**	**44.97**	**44.97**	44.97	**44.97**	**44.97**	**44.97**	**44.97**	44.83	44.74	**44.97**	-Inf	-Inf	-Inf	**44.97**
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	2.06	0.01	0.06	0.02	0.36	1.35	1.19	0.01	0.02	0.02	2.81	0.26	2.96	0.13	0.08	6.83	6.60	0.21	0.40	6.39	6.57	0.15
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB
gm226	value	**446.56**	688.79	446.57	446.57	688.79	451.70	**446.56**	446.57	446.57	446.57	446.57	**446.56**	452.49	**446.56**	457.77	457.77	**446.56**	**446.56**	**446.56**	**446.56**	**446.56**	**446.56**	449.43	**446.56**	**446.56**	**446.56**	**446.56**	**446.56**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	444.69	446.56	446.56	446.33	446.50	445.37	**446.56**	**446.56**	443.22	433.05	**446.56**	-Inf	-Inf	-Inf	**446.56**
	runtime	0.01	0.01	0.35	0.38	0.00	0.08	1.63	0.08	0.35	0.12	5.03	5.32	4.84	2.06	0.58	1.07	22.86	22.90	21.71	14.25	6.77	22.80	21.88	0.99	124.16	88.03	40.95	0.49
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.11 GB	0.09 GB	0.08 GB	1.06 GB	0.18 GB
gm227	value	**247.41**	249.31	249.78	249.78	249.31	**247.41**	**247.41**	249.78	249.78	249.78	249.78	249.78	**247.41**	**247.41**	**247.41**	**247.41**	**247.41**	**247.41**	**247.41**	**247.41**	**247.41**	**247.41**	247.72	**247.41**	**247.41**	**247.41**	**247.41**	**247.41**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**247.41**	**247.41**	**247.41**	247.40	**247.41**	247.03	**247.41**	**247.41**	245.07	239.26	**247.41**	-Inf	-Inf	-Inf	**247.41**
	runtime	0.00	0.01	0.10	0.12	0.00	0.02	0.75	0.02	0.10	0.03	1.25	0.50	0.30	0.05	0.18	0.17	11.58	1.76	11.01	0.88	1.25	11.49	11.15	0.37	2.26	8.27	53.07	0.31
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.10 GB	0.10 GB	2.00 GB	0.10 GB
gm228	value	**153.53**	300.53	**153.53**	**153.53**	300.53	158.39	158.39	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**	**153.53**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**153.53**	**153.53**	**153.53**	153.52	**153.53**	153.38	**153.53**	**153.53**	152.34	148.06	**153.53**	-Inf	-Inf	-Inf	**153.53**
	runtime	0.00	0.00	0.07	0.09	0.00	0.03	0.66	0.02	0.07	0.02	1.11	0.45	0.23	0.04	0.07	0.07	9.41	1.42	9.14	0.56	0.30	9.42	9.20	0.29	1.50	7.45	30.07	0.24
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	0.99 GB	0.09 GB
gm229	value	**308.97**	480.36	**308.97**	**308.97**	480.36	359.41	359.41	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**	309.59	**308.97**	**308.97**	**308.97**	**308.97**	**308.97**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**308.97**	**308.97**	**308.97**	308.96	**308.97**	308.91	**308.97**	**308.97**	307.18	297.85	**308.97**	-Inf	-Inf	-Inf	**308.97**
	runtime	0.01	0.01	0.15	0.18	0.00	0.04	1.22	0.04	0.16	0.06	3.23	1.34	0.80	0.09	0.12	0.13	18.84	2.59	17.95	2.08	1.31	18.72	17.99	0.58	2.16	8.16	49.27	0.29
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.09 GB	0.09 GB	1.70 GB	0.13 GB
gm23	value	**1029.42**	1584.03	1073.27	1072.61	1606.02	1351.40	1330.73	1073.27	1073.27	1073.27	**1029.42**	1044.07	**1029.42**	**1029.42**	**1029.42**	**1029.42**	1029.43	**1029.42**	1035.12	**1029.42**	**1029.42**	1039.25	1066.25	**1029.42**	1047.75	1029.95	1029.95	**1029.42**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**1029.42**	1029.42	1029.42	1027.69	1029.25	1021.27	1029.42	1029.42	1017.40	973.41	**1029.42**	-Inf	-Inf	-Inf	**1029.42**
	runtime	0.06	0.03	16.44	16.35	0.01	0.18	6.20	5.83	16.44	6.76	18.56	18.49	18.05	3.15	2.97	2.93	141.60	143.36	137.51	145.56	127.15	144.22	134.98	8.38	3600.01	3600.00	3600.01	2.34
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.31 GB	4.71 GB	4.56 GB	1.06 GB	0.52 GB
gm230	value	**499.12**	1030.58	509.28	509.28	1030.58	807.95	807.95	509.28	509.28	509.28	509.28	509.28	509.28	499.14	502.74	502.74	**499.12**	**499.12**	501.63	**499.12**	**499.12**	500.48	503.48	**499.12**	500.32	**499.12**	**499.12**	**499.12**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**499.61**	499.12	499.12	498.21	499.01	493.25	499.12	499.12	490.14	467.28	499.12	-Inf	-Inf	-Inf	499.12
	runtime	0.01	0.02	0.74	0.76	0.01	0.21	3.01	0.22	0.74	0.24	10.20	9.98	9.67	3.41	2.18	2.84	66.20	66.27	63.44	51.34	59.60	66.50	62.46	2.12	3600.00	3600.00	784.53	1.08
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.17 GB	0.20 GB	0.20 GB	1.37 GB	0.30 GB
gm231	value	821.60	1396.65	836.80	836.80	1392.84	1283.15	1092.34	836.80	836.80	836.80	805.52	807.49	803.68	**785.67**	**785.67**	**785.67**	**785.67**	**785.67**	796.00	**785.67**	**785.67**	796.72	824.31	**785.67**	806.91	786.67	786.67	**785.67**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**785.67**	**785.67**	**785.67**	783.43	785.62	777.93	**785.67**	785.67	775.55	736.89	**785.67**	-Inf	-Inf	-Inf	**785.67**
	runtime	0.03	0.03	1.15	1.24	0.01	0.22	15.14	0.24	1.14	0.35	21.68	22.14	20.82	1.34	2.61	2.62	120.46	121.55	122.48	52.01	78.86	120.78	120.91	24.36	3600.00	3600.00	3600.00	5.74
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.02 GB	0.03 GB	0.04 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.34 GB	1.71 GB	0.52 GB	2.40 GB	0.59 GB
gm232	value	371.50	529.10	387.13	387.13	529.10	496.35	496.35	387.13	387.13	387.13	**370.95**	**370.95**	**370.95**	**370.95**	**370.95**	**370.95**	**370.95**	**370.95**	**370.95**	**370.95**	**370.95**	**370.95**	371.50	**370.95**	**370.95**	**370.95**	**370.95**	**370.95**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**370.95**	**370.95**	**370.95**	370.64	**370.95**	368.17	370.95	**370.95**	364.87	351.40	**370.95**	-Inf	-Inf	-Inf	**370.95**
	runtime	0.01	0.01	0.40	0.43	0.00	0.05	1.67	0.08	0.40	0.13	6.36	6.57	4.53	0.32	0.63	0.63	36.61	15.40	35.40	33.92	9.08	36.75	34.63	1.17	12.25	18.25	21.95	0.67
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.14 GB	0.14 GB	0.55 GB	0.20 GB
gm233	value	**588.26**	1284.98	595.14	595.14	1284.98	1122.04	728.66	595.14	595.14	595.14	595.14	595.14	595.14	**588.26**	588.26	588.26	**588.26**	**588.26**	590.47	**588.26**	**588.26**	592.89	601.95	**588.26**	596.40	**588.26**	**588.26**	**588.26**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**588.26**	588.26	588.26	587.57	**588.26**	583.54	**588.26**	588.26	580.63	557.39	**588.26**	-Inf	-Inf	-Inf	**588.26**
	runtime	0.01	0.01	0.55	0.57	0.01	0.11	9.60	0.16	0.54	0.21	6.69	2.89	6.10	0.60	1.63	1.63	29.87	30.07	28.29	12.28	13.24	29.95	28.22	3.14	2781.79	2761.94	42.47	0.85
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.13 GB	0.41 GB	0.41 GB	0.86 GB	0.22 GB
gm234	value	607.16	1146.11	592.01	592.01	1132.57	825.93	656.51	**590.90**	592.01	**590.90**	593.78	596.27	594.60	**590.90**	**590.90**	**590.90**	**590.90**	**590.90**	**590.90**	**590.90**	**590.90**	**590.90**	592.88	**590.90**	601.76	**590.90**	**590.90**	**590.90**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**590.90**	590.90	590.90	589.78	590.89	586.81	590.78	590.88	582.45	561.33	**590.90**	-Inf	-Inf	-Inf	**590.90**
	runtime	0.01	0.01	0.90	0.95	0.01	0.24	10.52	0.30	0.89	0.33	11.17	11.28	10.78	0.77	2.03	2.02	81.46	81.23	78.49	82.76	78.64	81.22	78.19	3.67	199.01	123.80	56.51	1.58
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	0.16 GB	0.13 GB	1.20 GB	0.32 GB
gm235	value	358.26	465.79	383.32	383.32	465.79	452.73	431.23	383.32	383.32	383.32	383.86	384.05	384.05	**353.20**	**353.20**	**353.20**	**353.20**	**353.20**	359.95	**353.20**	**353.20**	360.11	365.18	**353.20**	**353.20**	**353.20**	**353.20**	**353.20**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**353.20**	**353.20**	**353.20**	350.58	353.20	345.89	**353.20**	**353.20**	344.45	332.23	**353.20**	-Inf	-Inf	-Inf	**353.20**
	runtime	0.01	0.01	0.20	0.22	0.01	0.03	1.26	0.06	0.21	0.08	2.44	1.36	3.51	0.54	0.54	0.53	14.23	14.12	13.68	7.22	12.32	14.20	13.60	1.85	2.82	8.83	60.77	0.59
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.10 GB	0.10 GB	2.04 GB	0.13 GB
gm236	value	**580.03**	1117.12	645.07	645.07	1117.12	889.34	700.35	645.07	645.07	645.07	**580.03**	**580.03**	**580.03**	**580.03**	**580.03**	**580.03**	580.55	**580.03**	580.65	**580.03**	**580.03**	580.55	582.07	**580.03**	**580.03**	**580.03**	**580.03**	**580.03**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**580.03**	580.03	580.03	579.13	579.83	575.22	580.03	**580.03**	570.41	554.42	**580.03**	-Inf	-Inf	-Inf	**580.03**
	runtime	0.01	0.02	0.64	0.65	0.01	0.13	9.46	0.14	0.60	0.20	10.89	11.00	10.11	0.37	1.04	1.05	63.27	62.77	60.29	59.57	37.08	63.17	61.48	1.70	11.69	18.53	41.18	1.10
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	0.06 GB	0.06 GB	1.27 GB	0.32 GB
gm237	value	**960.17**	1566.94	977.42	977.42	1566.94	1330.70	1173.48	977.42	977.42	977.42	975.05	974.95	994.66	**960.17**	**960.17**	**960.17**	962.82	**960.17**	978.35	**960.17**	970.75	978.20	1009.38	**960.17**	961.84	960.35	960.35	**960.17**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**960.17**	960.17	960.17	957.40	959.64	950.40	960.17	959.27	946.75	903.53	960.17	-Inf	-Inf	-Inf	960.17
	runtime	0.03	0.02	1.33	1.36	0.01	0.17	6.18	0.30	1.27	0.43	16.25	16.23	14.96	1.06	5.12	5.08	100.70	101.92	99.36	101.34	96.00	98.01	98.00	13.56	3600.00	3600.01	3600.00	4.56
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.27 GB	0.42 GB	0.42 GB	2.20 GB	0.47 GB
gm238	value	**512.26**	1165.08	**512.26**	**512.26**	1165.08	1087.55	535.78	**512.26**	**512.26**	**512.26**	**512.26**	**512.26**	521.20	**512.26**	**512.26**	**512.26**	**512.26**	**512.26**	512.46	**512.26**	**512.26**	512.46	515.92	**512.26**	524.83	**512.26**	**512.26**	**512.26**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**512.26**	**512.26**	**512.26**	512.09	**512.26**	511.26	**512.26**	**512.26**	506.24	494.83	**512.26**	-Inf	-Inf	-Inf	**512.26**
	runtime	0.02	0.01	0.42	0.46	0.01	0.10	10.63	0.10	0.40	0.15	8.20	6.00	7.35	0.47	0.57	0.56	70.12	50.40	65.17	12.06	12.49	68.40	64.74	1.26	3600.00	3600.00	36.50	0.99
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.18 GB	0.22 GB	1.24 GB	0.29 GB
gm239	value	**498.26**	1392.02	510.71	510.71	1390.03	547.49	547.49	510.71	510.71	510.71	**498.26**	**498.26**	**498.26**	**498.26**	**498.26**	**498.26**	**498.26**	**498.26**	**498.26**	**498.26**	**498.26**	500.50	507.03	**498.26**	**498.26**	**498.26**	**498.26**	**498.26**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**498.26**	**498.26**	**498.26**	497.81	**498.26**	496.69	498.26	**498.26**	495.07	480.05	**498.26**	-Inf	-Inf	-Inf	**498.26**
	runtime	0.01	0.01	0.44	0.50	0.01	0.30	3.61	0.11	0.44	0.16	8.86	7.59	8.49	0.24	0.74	0.73	54.45	17.44	51.80	22.99	16.71	54.19	51.36	1.88	1.00	6.97	28.07	0.92
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.15 GB	0.04 GB	0.04 GB	0.74 GB	0.26 GB
gm24	value	**101.31**	224.07	**101.31**	**101.31**	224.07	224.07	223.07	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	**101.31**	101.19	100.75	**101.31**	-Inf	-Inf	-Inf	**101.31**
	runtime	0.00	0.00	0.04	0.04	0.00	0.01	0.58	0.01	0.03	0.01	0.27	0.10	0.07	0.01	0.01	0.01	0.96	0.31	1.32	0.12	0.07	3.37	3.29	0.13	0.30	6.30	6.36	0.06
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB
gm240	value	**414.77**	671.15	449.21	449.21	671.15	520.23	520.14	449.21	449.21	449.21	449.21	443.89	443.89	**414.77**	**414.77**	**414.77**	**414.77**	**414.77**	**414.77**	**414.77**	**414.77**	**414.77**	437.93	**414.77**	**414.77**	**414.77**	**414.77**	**414.77**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**414.77**	**414.77**	**414.77**	414.23	414.74	409.44	**414.77**	414.77	407.03	380.55	**414.77**	-Inf	-Inf	-Inf	**414.77**
	runtime	0.01	0.00	0.33	0.35	0.01	0.12	2.82	0.07	0.33	0.11	5.33	5.27	4.88	1.78	0.52	0.52	30.10	30.51	28.91	17.65	29.49	30.67	28.78	3.15	4.09	9.02	55.30	0.59
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.11 GB	0.11 GB	1.61 GB	0.16 GB
gm241	value	**544.95**	856.24	600.31	600.31	856.24	727.22	691.20	600.31	600.31	600.31	593.75	627.52	667.47	**544.95**	**544.95**	**544.95**	**544.95**	**544.95**	**544.95**	**544.95**	**544.95**	**544.95**	550.88	**544.95**	**544.95**	**544.95**	**544.95**	**544.95**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**544.95**	**544.95**	**544.95**	544.81	**544.95**	542.35	**544.95**	**544.95**	537.97	516.34	**544.95**	-Inf	-Inf	-Inf	**544.95**
	runtime	0.01	0.01	0.32	0.36	0.01	0.14	9.38	0.12	0.31	0.14	5.87	5.87	5.32	0.20	0.27	0.27	40.62	17.44	39.06	10.89	10.33	41.31	39.33	1.95	80.45	91.29	25.86	0.87
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.06 GB	0.06 GB	0.83 GB	0.21 GB
gm242	value	**401.70**	572.38	405.12	405.12	572.38	546.13	528.28	**401.70**	405.12	**401.70**	405.12	484.86	480.72	**401.70**	**401.70**	**401.70**	**401.70**	**401.70**	**401.70**	**401.70**	**401.70**	402.22	405.01	**401.70**	**401.70**	**401.70**	**401.70**	**401.70**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**401.70**	**401.70**	**401.70**	401.43	**401.70**	400.07	**401.70**	**401.70**	396.67	383.96	**401.70**	-Inf	-Inf	-Inf	**401.70**
	runtime	0.01	0.01	0.21	0.23	0.01	0.06	2.32	0.04	0.21	0.07	3.96	3.96	3.60	0.17	0.31	0.32	26.80	11.22	26.03	6.45	7.28	27.18	25.67	0.95	7.21	13.20	41.26	0.38
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.08 GB	0.08 GB	1.34 GB	0.13 GB
gm243	value	**620.98**	1233.99	735.59	735.59	1233.99	1228.36	946.55	729.13	735.59	732.77	714.87	805.52	782.78	**620.98**	**620.98**	**620.98**	**620.98**	**620.98**	623.10	**620.98**	**620.98**	623.10	631.17	**620.98**	**620.98**	**620.98**	**620.98**	**620.98**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**620.98**	**620.98**	**620.98**	620.54	**620.98**	618.43	**620.98**	620.98	612.80	583.62	**620.98**	-Inf	-Inf	-Inf	**620.98**
	runtime	0.01	0.01	0.56	0.60	0.00	0.06	8.81	0.13	0.55	0.19	7.86	7.96	7.45	0.40	0.40	0.40	51.05	24.45	48.89	15.71	22.64	52.03	48.25	2.62	129.22	134.01	26.88	0.83
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.14 GB	0.09 GB	0.09 GB	0.70 GB	0.23 GB
gm244	value	**617.83**	1065.41	**617.83**	**617.83**	1065.41	964.46	765.89	**617.83**	**617.83**	**617.83**	623.85	652.24	652.08	**617.83**	**617.83**	**617.83**	**617.83**	**617.83**	**617.83**	**617.83**	621.79	622.50	636.37	**617.83**	627.61	**617.83**	**617.83**	**617.83**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**617.83**	617.83	617.83	617.29	**617.83**	616.18	**617.83**	617.25	613.59	583.61	**617.83**	-Inf	-Inf	-Inf	**617.83**
	runtime	0.01	0.01	0.46	0.49	0.01	0.10	7.16	0.11	0.46	0.16	7.75	7.41	6.79	0.32	0.69	0.69	58.75	47.55	59.32	16.35	59.12	58.88	59.90	1.22	26.88	28.75	34.90	0.79
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.14 GB	0.07 GB	0.07 GB	1.05 GB	0.23 GB
gm245	value	**439.68**	745.77	476.84	476.84	745.77	657.73	557.87	476.84	476.84	476.84	**439.68**	462.43	509.13	**439.68**	**439.68**	**439.68**	**439.68**	**439.68**	**439.68**	**439.68**	**439.68**	**439.68**	442.80	**439.68**	**439.68**	**439.68**	**439.68**	**439.68**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**439.68**	**439.68**	**439.68**	439.52	**439.68**	437.10	**439.68**	**439.68**	433.51	417.80	**439.68**	-Inf	-Inf	-Inf	**439.68**
	runtime	0.01	0.01	0.43	0.48	0.00	0.11	9.49	0.10	0.42	0.14	8.73	8.95	8.25	0.33	0.77	0.77	50.99	24.92	49.21	14.30	12.78	52.14	48.31	1.63	7.64	14.05	29.12	0.87
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.15 GB	0.04 GB	0.04 GB	0.79 GB	0.25 GB
gm246	value	**793.58**	1407.52	810.75	810.75	1407.52	1388.46	1388.08	810.75	810.75	810.75	793.76	794.55	884.11	**793.58**	802.63	797.64	**793.58**	**793.58**	799.60	**793.58**	**793.58**	805.02	816.94	**793.58**	821.72	**793.58**	**793.58**	**793.58**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**793.58**	793.58	793.58	792.35	793.38	783.72	**793.58**	**793.58**	782.36	731.11	**793.58**	-Inf	-Inf	-Inf	**793.58**
	runtime	0.02	0.01	0.65	0.70	0.01	0.09	3.51	0.16	0.63	0.21	9.17	8.98	7.95	0.56	1.77	2.53	90.58	90.56	87.42	55.80	52.99	89.72	87.38	10.88	3600.00	3600.00	3600.00	2.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.17 GB	0.59 GB	0.25 GB	1.59 GB	0.31 GB
gm247	value	**426.68**	648.81	428.14	428.14	648.81	583.22	563.86	428.14	428.14	428.14	**426.68**	426.91	435.71	**426.68**	**426.68**	**426.68**	**426.68**	**426.68**	429.05	**426.68**	**426.68**	428.98	433.60	**426.68**	**426.68**	**426.68**	**426.68**	**426.68**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**426.68**	426.68	426.68	426.36	426.67	422.98	**426.68**	**426.68**	419.63	402.25	**426.68**	-Inf	-Inf	-Inf	**426.68**
	runtime	0.01	0.01	0.35	0.39	0.00	0.09	3.90	0.09	0.34	0.14	7.80	6.07	7.18	0.36	1.03	1.04	42.69	42.96	40.24	34.61	9.65	42.38	39.85	1.23	312.98	317.64	31.47	0.81
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.14 GB	0.18 GB	0.18 GB	0.91 GB	0.23 GB
gm248	value	**867.31**	1755.95	916.02	916.02	1755.95	1357.78	1338.27	916.02	916.02	916.02	908.66	982.96	901.39	**867.31**	**867.31**	**867.31**	**867.31**	**867.31**	867.60	**867.31**	**867.31**	867.60	899.41	**867.31**	877.48	869.16	869.16	**867.31**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**867.31**	867.31	867.31	866.84	**867.31**	862.14	**867.31**	**867.31**	858.44	830.79	**867.31**	-Inf	-Inf	-Inf	**867.31**
	runtime	0.03	0.03	2.18	2.25	0.01	0.30	8.22	0.54	2.20	0.73	22.02	21.89	20.67	0.81	1.82	1.84	140.15	82.42	136.39	46.80	43.00	139.42	140.51	5.77	3600.00	3600.00	3600.00	2.22
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.35 GB	0.60 GB	0.98 GB	0.79 GB	0.60 GB
gm249	value	430.50	1121.04	434.72	434.72	1121.04	636.72	636.72	433.34	434.72	433.34	**425.31**	**425.31**	**425.31**	**425.31**	**425.31**	**425.31**	**425.31**	**425.31**	425.51	**425.31**	**425.31**	425.51	432.21	**425.31**	**425.31**	**425.31**	**425.31**	**425.31**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**425.31**	**425.31**	**425.31**	424.78	**425.31**	419.05	**425.31**	**425.31**	416.00	395.93	**425.31**	-Inf	-Inf	-Inf	**425.31**
	runtime	0.02	0.01	0.20	0.23	0.00	0.12	4.74	0.05	0.20	0.07	4.37	4.15	3.69	0.20	0.37	0.38	29.31	11.42	27.52	13.58	12.38	28.89	26.96	1.37	1.48	7.47	29.55	0.72
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.06 GB	0.06 GB	0.84 GB	0.15 GB
gm25	value	727.22	1139.94	752.53	752.53	1137.89	1090.81	864.38	743.24	752.53	743.24	737.69	737.69	811.70	**711.53**	717.26	724.72	**711.53**	**711.53**	717.33	**711.53**	**711.53**	716.28	747.26	**711.53**	716.82	711.56	711.56	**711.53**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	711.10	711.53	711.53	708.35	711.16	698.39	711.14	711.12	695.48	662.44	**711.53**	-Inf	-Inf	-Inf	**711.53**
	runtime	0.02	0.02	0.88	0.90	0.01	0.09	9.01	0.20	0.85	0.29	11.44	11.54	10.82	3.23	4.84	5.85	66.97	67.12	66.63	67.37	65.33	67.27	66.21	10.15	3600.00	3600.00	3600.00	2.70
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.20 GB	0.37 GB	0.39 GB	1.88 GB	0.34 GB
gm250	value	**506.66**	658.35	539.08	539.08	658.35	655.12	655.12	530.67	539.08	530.67	523.93	519.50	519.50	**506.66**	**506.66**	**506.66**	**506.66**	**506.66**	508.94	**506.66**	**506.66**	509.05	514.37	**506.66**	512.97	**506.66**	**506.66**	**506.66**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**506.66**	506.66	506.66	500.39	505.41	488.01	505.50	504.47	488.71	462.23	**506.66**	-Inf	-Inf	-Inf	**506.66**
	runtime	0.02	0.01	0.52	0.58	0.00	0.07	4.23	0.10	0.52	0.14	8.42	8.38	8.18	0.89	3.33	4.11	74.38	74.88	73.02	75.30	71.48	74.53	72.83	10.65	3229.26	2460.77	50.78	1.19
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.14 GB	0.89 GB	0.69 GB	0.95 GB	0.24 GB
gm251	value	**287.85**	303.76	297.43	297.43	303.76	295.30	290.95	297.43	297.43	297.43	297.43	297.43	535.17	**287.85**	**287.85**	**287.85**	**287.85**	**287.85**	288.57	**287.85**	**287.85**	288.57	291.04	**287.85**	**287.85**	**287.85**	**287.85**	**287.85**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**287.85**	**287.85**	**287.85**	287.55	**287.85**	286.67	**287.85**	**287.85**	283.37	277.32	**287.85**	-Inf	-Inf	-Inf	**287.85**
	runtime	0.00	0.00	0.12	0.15	0.00	0.04	3.45	0.03	0.13	0.04	2.47	2.51	2.51	0.08	0.10	0.10	20.96	16.69	20.28	9.23	8.13	21.03	20.23	0.44	1.64	7.69	34.08	0.32
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.07 GB	0.07 GB	1.17 GB	0.10 GB
gm252	value	**279.39**	292.51	291.99	291.99	292.51	**279.39**	**279.39**	288.09	291.99	288.09	288.09	288.09	288.09	**279.39**	**279.39**	**279.39**	**279.39**	**279.39**	**279.39**	**279.39**	**279.39**	**279.39**	280.09	**279.39**	**279.39**	**279.39**	**279.39**	**279.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**279.39**	**279.39**	**279.39**	**279.39**	**279.39**	279.15	**279.39**	**279.39**	277.05	270.46	**279.39**	-Inf	-Inf	-Inf	**279.39**
	runtime	0.02	0.01	0.18	0.21	0.00	0.03	1.27	0.55	0.18	0.65	1.98	0.87	0.45	0.10	0.10	0.10	15.81	4.32	16.71	1.14	1.10	17.85	16.66	0.62	2.48	8.49	16.15	0.45
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.11 GB	0.11 GB	0.41 GB	0.14 GB
gm253	value	**541.56**	857.34	583.77	583.77	857.34	857.34	857.34	579.88	583.77	583.77	579.70	609.78	610.53	**541.56**	**541.56**	**541.56**	546.49	**541.56**	547.37	**541.56**	**541.56**	546.32	555.53	**541.56**	565.58	**541.56**	**541.56**	**541.56**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**541.56**	**541.56**	**541.56**	539.99	541.35	520.59	**541.56**	541.56	517.72	481.38	**541.56**	-Inf	-Inf	-Inf	**541.56**
	runtime	0.01	0.01	0.40	0.44	0.00	0.05	4.75	0.15	0.42	0.13	6.02	6.08	5.62	0.57	1.29	1.29	36.07	36.27	34.85	18.32	25.94	36.03	34.58	6.10	3600.00	3600.00	670.14	0.69
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.28 GB	0.40 GB	1.00 GB	0.19 GB
gm254	value	**523.98**	1059.50	525.99	525.99	1059.50	1057.04	1044.69	525.99	525.99	525.99	**523.98**	**523.98**	**523.98**	**523.98**	**523.98**	**523.98**	**523.98**	**523.98**	**523.98**	**523.98**	**523.98**	525.41	527.50	**523.98**	**523.98**	**523.98**	**523.98**	**523.98**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**523.98**	**523.98**	**523.98**	522.05	523.71	510.02	523.98	523.98	504.96	482.48	**523.98**	-Inf	-Inf	-Inf	**523.98**
	runtime	0.02	0.01	1.26	1.33	0.00	0.16	32.44	0.31	1.21	0.43	13.12	13.16	12.62	1.81	1.52	1.54	77.06	75.59	72.42	76.76	71.50	76.12	73.29	2.09	3.09	9.12	35.20	1.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.21 GB	0.05 GB	0.05 GB	1.00 GB	0.34 GB
gm255	value	**659.50**	819.94	692.26	692.26	838.93	691.11	667.33	692.26	692.26	692.26	**659.50**	**659.50**	**659.50**	**659.50**	**659.50**	**659.50**	659.89	**659.50**	673.51	**659.50**	**659.50**	673.92	675.89	**659.50**	663.60	**659.50**	**659.50**	**659.50**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**659.50**	659.50	659.50	656.67	659.11	644.62	658.95	658.92	642.11	594.11	**659.50**	-Inf	-Inf	-Inf	**659.50**
	runtime	0.02	0.02	0.78	0.80	0.01	0.20	13.74	0.22	0.71	0.32	11.52	11.59	10.81	0.92	2.89	2.86	79.58	79.06	75.50	79.72	74.87	79.07	75.90	7.03	3600.00	3600.00	3600.00	1.48
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	0.20 GB	0.16 GB	1.25 GB	0.31 GB
gm256	value	**1078.43**	1717.43	1151.27	1151.27	1717.43	1517.97	1318.79	1151.27	1151.27	1151.27	1087.56	1087.56	1123.88	**1078.43**	**1078.43**	**1078.43**	1080.78	**1078.43**	1105.74	**1078.43**	**1078.43**	1098.27	1167.50	**1078.43**	1087.90	1084.12	1084.12	**1078.43**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**1078.43**	**1078.43**	**1078.43**	1076.35	1078.03	1059.18	1078.39	**1078.43**	1058.28	982.78	**1078.43**	-Inf	-Inf	-Inf	**1078.43**
	runtime	0.04	0.01	1.14	1.25	0.00	0.21	19.36	0.24	1.13	0.31	16.19	16.41	15.15	1.44	2.97	2.90	133.00	131.15	129.06	135.38	68.81	131.64	127.05	26.33	3600.00	3600.00	3600.00	3.79
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.27 GB	2.89 GB	2.59 GB	2.35 GB	0.45 GB
gm257	value	**834.46**	1377.76	885.18	885.18	1377.76	1299.25	1121.07	884.90	885.18	884.90	840.06	840.06	840.06	**834.46**	**834.46**	**834.46**	**834.46**	**834.46**	835.14	**834.46**	**834.46**	837.58	849.61	**834.46**	**834.46**	**834.46**	**834.46**	**834.46**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**834.46**	834.46	834.46	832.08	834.33	829.68	834.43	**834.46**	821.13	788.97	**834.46**	-Inf	-Inf	-Inf	**834.46**
	runtime	0.03	0.01	1.51	1.57	0.01	0.18	20.73	0.34	1.50	0.48	15.22	15.49	14.43	4.90	1.78	1.77	166.23	166.68	166.40	168.22	91.30	167.46	159.16	2.72	3600.00	3600.00	2294.68	1.35
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.02 GB	0.04 GB	0.02 GB	0.04 GB	0.02 GB	0.26 GB	0.65 GB	0.61 GB	2.25 GB	0.45 GB
gm258	value	**884.44**	1440.74	921.89	921.89	1440.74	1404.75	903.39	921.89	921.89	921.89	908.36	908.36	908.36	**884.44**	888.16	**884.44**	887.86	**884.44**	916.84	**884.44**	939.14	903.99	945.62	**884.44**	899.89	884.62	884.62	**884.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**884.44**	884.44	**884.44**	880.12	883.79	869.61	884.29	862.28	867.58	825.30	**884.44**	-Inf	-Inf	-Inf	**884.44**
	runtime	0.02	0.01	2.93	2.90	0.01	0.10	10.65	0.55	2.79	1.01	10.25	8.40	9.46	1.64	4.45	5.11	59.22	59.36	58.58	59.06	56.91	59.46	57.82	14.10	3600.00	3600.01	3600.00	3.32
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	1.55 GB	0.51 GB	2.27 GB	0.32 GB
gm259	value	**323.69**	475.48	**323.69**	**323.69**	475.48	463.70	463.70	335.70	**323.69**	335.70	**323.69**	**323.69**	415.60	**323.69**	**323.69**	**323.69**	**323.69**	**323.69**	324.20	**323.69**	**323.69**	325.26	329.46	**323.69**	**323.69**	**323.69**	**323.69**	**323.69**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**323.69**	323.69	323.69	323.31	**323.69**	322.15	**323.69**	**323.69**	319.16	307.02	**323.69**	-Inf	-Inf	-Inf	**323.69**
	runtime	0.01	0.01	0.19	0.24	0.01	0.08	5.55	0.05	0.20	0.07	4.24	4.22	3.87	0.17	0.28	0.28	30.25	18.84	28.35	10.20	13.07	30.62	28.80	0.99	3.08	9.09	14.99	0.67
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.12 GB	0.12 GB	0.34 GB	0.15 GB
gm26	value	308.18	382.10	321.48	321.48	379.30	367.15	340.81	310.12	321.48	317.43	303.35	317.03	301.63	**297.77**	299.30	299.30	**297.77**	**297.77**	300.74	**297.77**	**297.77**	300.40	301.73	**297.77**	**297.77**	**297.77**	**297.77**	**297.77**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**297.77**	297.77	297.77	296.27	297.49	291.31	297.72	297.73	289.26	273.96	**297.77**	-Inf	-Inf	-Inf	**297.77**
	runtime	0.01	0.00	0.12	0.14	0.00	0.02	2.15	0.05	0.13	0.07	2.23	2.23	2.04	0.23	0.38	0.95	14.64	14.73	14.13	14.66	13.99	14.67	13.89	0.56	1.23	7.23	23.89	0.25
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	0.71 GB	0.08 GB
gm260	value	**116.97**	213.44	118.64	118.64	213.44	203.60	**116.97**	118.64	118.64	118.64	**116.97**	120.70	124.62	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**	**116.97**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**116.97**	**116.97**	**116.97**	116.97	**116.97**	116.95	**116.97**	**116.97**	116.26	115.49	**116.97**	-Inf	-Inf	-Inf	**116.97**
	runtime	0.01	0.00	0.07	0.10	0.00	0.04	5.62	0.02	0.07	0.02	2.04	2.00	1.83	0.02	0.02	0.02	10.30	0.63	9.83	0.38	1.94	10.22	9.72	0.30	1.87	7.86	21.37	0.25
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.08 GB	0.08 GB	0.56 GB	0.08 GB
gm261	value	**395.37**	546.27	424.61	424.61	546.27	535.11	535.11	424.61	424.61	424.61	405.84	424.61	424.61	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**	**395.37**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**395.37**	**395.37**	**395.37**	395.36	**395.37**	395.13	**395.37**	**395.37**	392.46	386.17	**395.37**	-Inf	-Inf	-Inf	**395.37**
	runtime	0.01	0.01	0.14	0.17	0.00	0.05	1.98	0.03	0.14	0.05	3.97	3.72	3.74	0.10	0.19	0.18	30.30	6.51	28.28	3.18	3.05	30.44	28.18	0.72	1.74	7.73	32.13	0.57
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.08 GB	0.08 GB	1.13 GB	0.15 GB
gm262	value	**365.23**	573.57	382.05	382.05	573.57	573.57	452.35	382.05	382.05	382.05	371.05	371.05	371.05	**365.23**	**365.23**	**365.23**	**365.23**	**365.23**	**365.23**	**365.23**	**365.23**	**365.23**	382.83	**365.23**	**365.23**	**365.23**	**365.23**	**365.23**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**365.23**	**365.23**	**365.23**	365.16	**365.23**	364.85	**365.23**	**365.23**	362.76	353.19	**365.23**	-Inf	-Inf	-Inf	**365.23**
	runtime	0.01	0.01	0.14	0.17	0.00	0.03	7.90	0.03	0.14	0.04	2.14	0.85	0.52	0.10	0.13	0.13	17.75	3.36	16.61	3.76	2.54	17.55	16.34	0.85	2.52	8.52	19.29	0.47
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.11 GB	0.11 GB	0.54 GB	0.12 GB
gm263	value	551.19	559.28	591.40	591.40	559.28	558.27	557.08	588.94	591.40	588.94	579.55	551.19	551.19	**546.11**	**546.11**	**546.11**	**546.11**	**546.11**	555.15	**546.11**	**546.11**	548.46	582.10	**546.11**	554.47	**546.11**	**546.11**	**546.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**546.11**	**546.11**	**546.11**	544.96	546.09	542.80	**546.11**	**546.11**	539.84	506.54	**546.11**	-Inf	-Inf	-Inf	**546.11**
	runtime	0.02	0.01	0.39	0.42	0.01	0.05	2.07	0.09	0.39	0.12	5.81	5.84	5.34	0.48	0.51	0.50	38.02	37.65	35.63	10.99	7.42	37.70	36.02	5.04	3600.00	3600.00	3600.00	0.86
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.76 GB	0.83 GB	1.81 GB	0.19 GB
gm264	value	**819.90**	2481.87	905.29	905.29	2481.87	1122.75	992.37	905.29	905.29	905.29	859.91	859.91	862.56	**819.90**	**819.90**	**819.90**	**819.90**	**819.90**	**819.90**	**819.90**	**819.90**	821.21	828.00	**819.90**	832.57	**819.90**	**819.90**	**819.90**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**819.90**	**819.90**	**819.90**	819.65	**819.90**	816.66	**819.90**	819.90	812.84	793.11	**819.90**	-Inf	-Inf	-Inf	**819.90**
	runtime	0.02	0.01	0.60	0.69	0.00	0.26	8.28	0.13	0.58	0.20	11.79	8.48	4.28	0.39	0.74	0.75	74.70	51.29	71.67	53.75	60.78	73.31	72.81	2.70	8.96	13.97	39.19	1.23
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.21 GB	0.07 GB	0.07 GB	1.33 GB	0.35 GB
gm265	value	**670.20**	1416.87	691.34	691.34	1416.87	1133.53	979.63	691.34	691.34	691.34	683.76	784.41	775.56	**670.20**	**670.20**	**670.20**	**670.20**	**670.20**	670.42	**670.20**	**670.20**	676.44	681.24	**670.20**	**670.20**	670.23	670.23	**670.20**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**670.20**	**670.20**	**670.20**	668.72	670.19	666.32	670.20	670.20	664.48	635.36	**670.20**	-Inf	-Inf	-Inf	**670.20**
	runtime	0.03	0.01	1.02	1.05	0.01	0.16	13.86	0.21	0.95	0.32	9.92	10.14	9.35	0.56	1.40	1.44	67.27	67.10	64.51	41.36	62.20	66.61	64.60	2.61	492.16	499.07	135.05	1.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.18 GB	0.24 GB	0.23 GB	1.21 GB	0.31 GB
gm266	value	**606.31**	1346.15	**606.31**	**606.31**	1346.15	919.95	690.91	**606.31**	**606.31**	**606.31**	**606.31**	**606.31**	644.18	**606.31**	**606.31**	**606.31**	**606.31**	**606.31**	606.35	**606.31**	**606.31**	607.10	615.97	**606.31**	**606.31**	**606.31**	**606.31**	**606.31**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**606.31**	**606.31**	**606.31**	605.54	606.29	602.25	606.31	**606.31**	598.32	580.18	**606.31**	-Inf	-Inf	-Inf	**606.31**
	runtime	0.02	0.01	0.58	0.60	0.01	0.17	8.03	0.13	0.56	0.18	8.58	5.41	7.76	0.42	1.12	1.16	50.52	49.49	48.18	46.74	28.56	49.58	47.47	1.48	751.40	662.52	329.68	0.88
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.14 GB	0.13 GB	1.16 GB	0.26 GB
gm267	value	**1121.66**	1558.08	1131.91	1131.91	1560.00	1343.78	1315.15	1131.91	1131.91	1131.91	**1121.66**	**1121.66**	1185.75	**1121.66**	**1121.66**	**1121.66**	**1121.66**	**1121.66**	**1121.66**	**1121.66**	**1121.66**	1125.26	1170.67	**1121.66**	1123.20	1121.82	1121.82	**1121.66**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**1121.66**	**1121.66**	**1121.66**	1120.09	**1121.66**	1114.51	**1121.66**	**1121.66**	1110.13	1073.96	**1121.66**	-Inf	-Inf	-Inf	**1121.66**
	runtime	0.03	0.02	1.34	1.44	0.01	0.26	9.16	0.70	1.36	0.64	16.46	16.65	15.35	0.92	1.97	1.96	139.76	114.97	139.73	60.21	65.67	142.99	132.60	8.08	3600.00	3600.01	3600.00	2.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.28 GB	0.20 GB	0.20 GB	2.06 GB	0.48 GB
gm268	value	**742.27**	1581.28	766.70	766.70	1579.21	1484.89	885.40	766.70	766.70	766.70	750.92	751.38	751.38	**742.27**	**742.27**	**742.27**	742.73	**742.27**	744.19	**742.27**	**742.27**	750.17	769.26	**742.27**	**742.27**	743.54	**742.27**	**742.27**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**742.27**	742.27	742.27	741.66	742.22	739.15	742.27	742.27	735.92	705.17	**742.27**	-Inf	-Inf	-Inf	**742.27**
	runtime	0.01	0.02	0.77	0.85	0.01	0.15	20.16	0.18	0.78	0.27	12.66	12.46	11.73	0.61	1.20	1.20	93.21	90.92	91.45	90.52	88.50	93.98	88.73	2.09	106.39	88.10	114.16	1.27
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.21 GB	0.13 GB	0.12 GB	1.32 GB	0.36 GB
gm269	value	902.67	1620.39	928.42	928.42	1620.39	1167.69	1164.94	926.27	928.42	928.42	918.18	923.74	923.74	**902.44**	**902.44**	**902.44**	**902.44**	**902.44**	906.78	**902.44**	**902.44**	911.05	946.66	**902.44**	922.30	908.11	912.84	**902.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**902.44**	902.44	902.44	901.34	902.43	893.04	**902.44**	**902.44**	892.84	843.82	**902.44**	-Inf	-Inf	-Inf	**902.44**
	runtime	0.05	0.02	1.62	1.73	0.01	0.35	9.29	0.48	1.55	0.89	23.69	23.79	22.15	1.08	4.70	4.70	170.48	167.37	178.51	83.23	99.44	171.13	176.87	5.85	3600.01	3600.01	3600.01	2.52
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.02 GB	0.04 GB	0.02 GB	0.04 GB	0.02 GB	0.38 GB	1.08 GB	0.72 GB	0.92 GB	0.64 GB
gm27	value	**301.81**	337.20	312.98	312.98	337.20	337.20	337.20	312.98	312.98	312.98	312.98	312.98	312.98	**301.81**	**301.81**	**301.81**	**301.81**	**301.81**	**301.81**	**301.81**	**301.81**	**301.81**	302.99	**301.81**	**301.81**	**301.81**	**301.81**	**301.81**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**301.81**	**301.81**	**301.81**	301.80	**301.81**	301.70	**301.81**	**301.81**	299.07	290.95	**301.81**	-Inf	-Inf	-Inf	**301.81**
	runtime	0.01	0.02	0.17	0.19	0.01	0.04	2.61	0.03	0.17	0.06	3.52	1.63	0.97	0.07	0.12	0.12	22.04	3.45	20.72	2.94	2.91	21.97	21.15	0.61	2.22	8.24	49.55	0.44
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.10 GB	0.10 GB	1.81 GB	0.14 GB
gm270	value	**387.83**	850.33	388.26	388.26	850.33	509.38	508.31	388.34	388.26	388.34	388.02	388.02	388.02	**387.83**	**387.83**	**387.83**	**387.83**	**387.83**	**387.83**	**387.83**	**387.83**	389.72	391.03	**387.83**	**387.83**	**387.83**	**387.83**	**387.83**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**387.83**	387.83	387.83	387.54	387.82	386.40	**387.83**	**387.83**	384.49	374.24	**387.83**	-Inf	-Inf	-Inf	**387.83**
	runtime	0.01	0.01	0.22	0.26	0.00	0.15	3.47	0.05	0.22	0.08	5.27	3.00	4.73	0.14	0.52	0.52	31.47	31.10	29.19	23.10	6.30	31.46	28.87	0.79	2.75	8.76	49.29	0.42
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.11 GB	0.11 GB	1.58 GB	0.17 GB
gm271	value	**823.75**	1800.28	879.26	879.26	1800.28	1530.02	1062.57	841.80	879.26	841.80	842.87	836.92	836.92	**823.75**	**823.75**	**823.75**	**823.75**	**823.75**	829.94	**823.75**	**823.75**	831.35	856.45	**823.75**	**823.75**	**823.75**	823.91	**823.75**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**823.75**	**823.75**	**823.75**	823.00	**823.75**	817.88	**823.75**	823.75	814.52	772.43	**823.75**	-Inf	-Inf	-Inf	**823.75**
	runtime	0.03	0.01	0.93	0.99	0.01	0.18	32.76	0.17	0.92	0.25	11.76	11.74	9.35	0.58	1.32	1.31	83.92	78.79	87.86	28.61	90.08	83.81	87.99	3.23	3600.01	3600.01	2358.07	1.33
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.20 GB	1.66 GB	1.66 GB	2.77 GB	0.34 GB
gm272	value	**387.24**	470.37	389.75	389.75	470.37	417.20	417.20	389.75	389.75	389.75	389.75	389.75	389.75	**387.24**	**387.24**	**387.24**	**387.24**	**387.24**	387.31	**387.24**	**387.24**	387.94	388.91	**387.24**	**387.24**	**387.24**	**387.24**	**387.24**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**387.24**	**387.24**	**387.24**	386.39	**387.24**	383.23	**387.24**	**387.24**	379.88	367.36	**387.24**	-Inf	-Inf	-Inf	**387.24**
	runtime	0.01	0.02	0.54	0.61	0.01	0.10	3.29	0.13	0.53	0.20	11.71	11.67	9.51	0.29	0.86	0.87	75.94	29.13	73.28	52.23	29.72	76.20	73.12	1.68	663.17	635.44	86.71	0.94
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.21 GB	0.19 GB	0.19 GB	1.81 GB	0.35 GB
gm273	value	**402.00**	657.86	**402.00**	**402.00**	657.86	419.34	416.39	**402.00**	**402.00**	**402.00**	**402.00**	**402.00**	**402.00**	**402.00**	402.67	402.67	**402.00**	**402.00**	**402.00**	**402.00**	**402.00**	402.92	408.24	**402.00**	407.96	**402.00**	**402.00**	**402.00**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**402.00**	402.00	402.00	401.13	401.83	400.49	**402.00**	**402.00**	398.48	390.29	**402.00**	-Inf	-Inf	-Inf	**402.00**
	runtime	0.02	0.02	0.91	0.95	0.02	0.19	6.13	0.22	0.86	0.30	15.28	15.05	14.11	0.34	2.81	4.00	85.87	87.20	85.05	67.41	63.91	86.23	84.09	2.09	11.66	16.13	162.88	1.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.25 GB	0.09 GB	0.09 GB	2.02 GB	0.43 GB
gm274	value	**368.36**	651.36	379.62	379.62	651.36	533.35	533.35	379.62	379.62	379.62	**368.36**	**368.36**	402.79	**368.36**	**368.36**	**368.36**	**368.36**	**368.36**	368.77	**368.36**	**368.36**	371.70	376.53	**368.36**	**368.36**	**368.36**	**368.36**	**368.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**368.36**	368.36	368.36	368.07	**368.36**	366.06	**368.36**	**368.36**	362.86	338.50	**368.36**	-Inf	-Inf	-Inf	**368.36**
	runtime	0.01	0.00	0.24	0.27	0.00	0.05	1.63	0.05	0.25	0.08	3.76	4.23	3.98	0.22	0.55	0.55	16.37	10.06	15.82	7.26	9.23	16.35	15.82	3.20	97.33	103.34	72.44	0.48
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.12 GB	0.12 GB	2.03 GB	0.14 GB
gm275	value	868.03	1416.38	871.94	871.94	1416.38	1291.66	1245.30	871.94	871.94	871.94	871.94	871.94	871.94	**864.53**	872.83	872.83	866.79	**864.53**	888.62	**864.53**	**864.53**	887.89	905.62	**864.53**	891.55	868.63	868.63	**864.53**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**864.53**	864.53	864.53	860.28	862.94	848.42	864.46	864.53	846.67	793.57	864.53	-Inf	-Inf	-Inf	864.53
	runtime	0.03	0.01	0.96	1.02	0.01	0.14	7.08	0.20	0.93	0.30	12.24	12.17	11.34	1.94	3.50	7.32	83.51	83.44	82.32	87.41	76.24	83.88	81.84	7.33	3600.00	3600.01	3600.00	2.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.22 GB	0.99 GB	0.52 GB	2.05 GB	0.37 GB

geo-surf-7		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm276	value	**338.90**	551.69	347.04	347.04	551.69	529.05	524.34	347.04	347.04	347.04	347.04	400.71	390.19	**338.90**	**338.90**	**338.90**	**338.90**	**338.90**	339.91	**338.90**	**338.90**	344.75	353.97	**338.90**	**338.90**	**338.90**	**338.90**	**338.90**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**338.90**	338.90	338.90	338.09	**338.90**	334.86	**338.90**	338.90	332.63	316.83	**338.90**	-Inf	-Inf	-Inf	**338.90**
	runtime	0.01	0.00	0.19	0.21	0.00	0.04	1.85	0.05	0.19	0.07	2.90	2.90	2.66	0.22	0.27	0.27	16.42	11.63	15.56	3.03	13.77	16.27	15.61	1.21	2.19	7.97	47.34	0.32
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.08 GB	0.08 GB	1.63 GB	0.11 GB
gm277	value	655.96	1153.24	679.14	679.14	1132.64	756.88	739.12	679.13	679.14	679.13	651.15	656.28	685.13	**644.34**	**644.34**	**644.34**	**644.34**	**644.34**	645.73	**644.34**	**644.34**	648.82	672.79	**644.34**	**644.34**	**644.34**	**644.34**	**644.34**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**644.34**	**644.34**	**644.34**	644.16	**644.34**	642.58	**644.34**	**644.34**	640.27	610.52	**644.34**	-Inf	-Inf	-Inf	**644.34**
	runtime	0.01	0.01	5.04	4.98	0.01	0.17	5.86	3.40	5.11	3.90	5.95	5.80	5.32	0.30	0.30	0.31	46.52	21.96	44.79	13.48	17.13	46.89	44.79	2.18	3.84	9.85	55.44	0.71
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.11 GB	0.12 GB	0.12 GB	1.84 GB	0.19 GB
gm278	value	**473.72**	1127.85	501.38	501.38	1127.85	747.91	747.91	501.38	501.38	501.38	**473.72**	**473.72**	**473.72**	**473.72**	**473.72**	**473.72**	**473.72**	**473.72**	**473.72**	**473.72**	**473.72**	476.26	487.84	**473.72**	480.18	**473.72**	**473.72**	**473.72**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**473.72**	**473.72**	**473.72**	473.26	**473.72**	472.48	**473.72**	**473.72**	469.53	455.81	**473.72**	-Inf	-Inf	-Inf	**473.72**
	runtime	0.01	0.01	0.34	0.40	0.00	0.11	5.03	0.06	0.35	0.11	5.90	2.94	1.57	0.16	0.26	0.27	47.29	11.34	44.92	9.89	8.16	47.38	45.41	0.96	19.99	25.89	25.05	0.76
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.12 GB	0.06 GB	0.06 GB	0.72 GB	0.21 GB
gm279	value	**294.78**	369.29	304.54	304.54	369.29	369.29	369.29	302.89	304.54	302.89	**294.78**	**294.78**	**294.78**	**294.78**	**294.78**	**294.78**	**294.78**	**294.78**	296.10	**294.78**	**294.78**	295.88	297.69	**294.78**	**294.78**	**294.78**	**294.78**	**294.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**294.78**	**294.78**	**294.78**	294.68	**294.78**	293.43	**294.78**	**294.78**	289.52	279.99	**294.78**	-Inf	-Inf	-Inf	**294.78**
	runtime	0.01	0.01	0.18	0.21	0.00	0.03	1.73	0.04	0.19	0.07	3.50	2.08	3.22	0.13	0.21	0.21	22.48	10.97	21.36	4.30	4.51	22.20	21.13	0.59	1.64	7.61	32.75	0.32
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.07 GB	0.07 GB	1.05 GB	0.12 GB
gm28	value	**650.80**	1704.98	663.74	663.74	1704.98	918.61	743.19	664.27	663.74	664.27	654.20	775.88	770.14	**650.80**	**650.80**	**650.80**	**650.80**	**650.80**	655.25	**650.80**	**650.80**	655.80	664.36	**650.80**	654.82	**650.80**	**650.80**	**650.80**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**650.80**	**650.80**	**650.80**	649.61	**650.80**	646.83	**650.80**	**650.80**	643.64	622.65	**650.80**	-Inf	-Inf	-Inf	**650.80**
	runtime	0.02	0.01	0.74	0.75	0.00	0.26	12.80	0.18	0.71	0.23	9.42	9.57	8.68	0.44	1.24	1.26	65.80	49.44	61.17	16.79	15.90	64.33	61.73	1.48	3600.00	3600.04	57.51	0.92
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.18 GB	0.55 GB	0.56 GB	1.48 GB	0.30 GB
gm280	value	**274.24**	396.63	274.85	274.85	396.63	385.15	277.02	274.85	274.85	274.85	274.85	485.30	485.30	**274.24**	**274.24**	**274.24**	**274.24**	**274.24**	**274.24**	**274.24**	**274.24**	**274.24**	276.80	**274.24**	**274.24**	**274.24**	**274.24**	**274.24**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**274.24**	**274.24**	**274.24**	273.32	**274.24**	272.06	**274.24**	**274.24**	268.19	259.44	**274.24**	-Inf	-Inf	-Inf	**274.24**
	runtime	0.00	0.00	0.11	0.16	0.00	0.09	38.94	0.03	0.11	0.04	2.97	3.01	2.93	0.12	0.32	0.29	25.10	17.56	24.30	11.35	8.04	25.51	24.69	1.23	1.02	7.02	29.40	0.24
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.04 GB	0.04 GB	0.69 GB	0.10 GB
gm281	value	796.36	1730.99	853.49	853.49	1730.99	989.42	881.84	851.35	853.49	853.49	804.32	**794.48**	**794.48**	**794.48**	**794.48**	**794.48**	795.86	**794.48**	805.48	**794.48**	**794.48**	804.15	818.81	**794.48**	811.29	795.36	795.36	**794.48**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**794.48**	794.48	794.48	792.21	793.89	783.36	**794.48**	793.88	781.11	738.76	**794.48**	-Inf	-Inf	-Inf	**794.48**
	runtime	0.02	0.02	1.04	1.15	0.01	0.35	13.86	0.36	1.02	0.32	17.06	16.95	16.26	0.77	2.94	3.00	129.28	128.56	126.44	66.35	67.70	128.93	124.05	3.99	3600.00	3600.00	3600.01	1.86
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.27 GB	0.76 GB	0.66 GB	2.18 GB	0.47 GB
gm282	value	**590.44**	982.95	597.66	597.66	982.95	969.89	959.81	597.66	597.66	597.66	**590.44**	**590.44**	657.79	**590.44**	592.25	592.25	**590.44**	**590.44**	**590.44**	**590.44**	591.08	594.98	605.09	**590.44**	**590.44**	**590.44**	**590.44**	**590.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**590.44**	590.44	590.44	589.35	590.32	587.94	590.44	589.92	583.44	558.19	**590.44**	-Inf	-Inf	-Inf	**590.44**
	runtime	0.01	0.01	0.38	0.44	0.01	0.06	5.12	0.11	0.38	0.16	6.40	6.51	5.95	0.44	0.66	1.27	42.86	42.87	41.10	44.01	40.55	43.37	39.87	1.10	13.79	20.02	28.17	0.63
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.13 GB	0.05 GB	0.05 GB	0.78 GB	0.21 GB
gm283	value	**452.36**	650.93	480.30	480.30	650.93	566.41	473.75	480.30	480.30	480.30	464.06	533.64	533.64	**452.36**	**452.36**	**452.36**	452.90	**452.36**	455.81	**452.36**	**452.36**	455.27	459.08	**452.36**	**452.36**	**452.36**	**452.36**	**452.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**452.36**	**452.36**	**452.36**	450.78	451.99	442.92	**452.36**	452.36	440.79	421.16	**452.36**	-Inf	-Inf	-Inf	**452.36**
	runtime	0.01	0.01	0.39	0.41	0.01	0.07	3.32	0.28	0.39	0.13	6.16	6.22	5.71	0.35	0.89	0.90	37.79	37.53	36.60	14.57	22.11	37.61	36.11	1.06	52.19	53.84	32.41	0.63
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.08 GB	0.08 GB	0.66 GB	0.20 GB
gm284	value	**473.33**	899.35	494.05	494.05	899.35	877.80	877.80	494.05	494.05	494.05	**473.33**	488.98	**473.33**	**473.33**	**473.33**	**473.33**	**473.33**	**473.33**	474.59	**473.33**	**473.33**	475.69	479.39	**473.33**	**473.33**	**473.33**	**473.33**	**473.33**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**473.33**	**473.33**	**473.33**	472.88	473.31	468.35	**473.33**	**473.33**	464.94	445.63	**473.33**	-Inf	-Inf	-Inf	**473.33**
	runtime	0.01	0.01	0.22	0.26	0.01	0.06	2.72	0.09	0.22	0.12	5.13	4.41	3.35	0.26	0.49	0.49	37.26	36.19	34.72	12.57	13.42	36.21	34.39	2.96	41.83	11.31	69.87	0.60
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.14 GB	0.12 GB	0.60 GB	0.17 GB
gm285	value	367.31	521.59	364.19	364.19	521.59	519.64	474.45	364.19	364.19	364.19	**355.64**	**355.64**	411.57	**355.64**	**355.64**	**355.64**	**355.64**	**355.64**	**355.64**	**355.64**	**355.64**	356.05	364.69	**355.64**	**355.64**	**355.64**	**355.64**	**355.64**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**355.64**	**355.64**	**355.64**	355.28	**355.64**	351.56	**355.64**	**355.64**	346.87	326.81	**355.64**	-Inf	-Inf	-Inf	**355.64**
	runtime	0.01	0.00	0.13	0.15	0.01	0.03	3.88	0.04	0.13	0.05	2.69	2.16	2.41	0.11	0.16	0.16	25.80	12.29	24.38	7.13	6.24	25.66	24.40	0.71	1.36	7.37	29.05	0.41
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.06 GB	0.06 GB	0.92 GB	0.11 GB
gm286	value	**646.78**	1405.40	687.15	687.15	1405.40	1282.10	750.84	662.00	687.15	687.15	651.05	651.05	651.05	**646.78**	**646.78**	**646.78**	**646.78**	**646.78**	**646.78**	**646.78**	**646.78**	**646.78**	666.88	**646.78**	655.72	**646.78**	**646.78**	**646.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**646.78**	**646.78**	**646.78**	645.48	**646.78**	642.89	**646.78**	**646.78**	640.35	619.54	**646.78**	-Inf	-Inf	-Inf	**646.78**
	runtime	0.01	0.01	0.47	0.52	0.00	0.12	9.95	0.17	0.48	0.18	8.73	8.26	7.60	0.36	0.58	0.59	55.78	30.06	52.83	23.32	24.49	55.15	52.60	1.38	39.85	41.98	35.41	0.80
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.15 GB	0.07 GB	0.07 GB	1.10 GB	0.25 GB
gm287	value	**251.86**	275.44	265.27	265.27	273.59	269.22	269.22	265.27	265.27	265.27	261.73	261.73	261.73	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**	**251.86**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**251.86**	**251.86**	**251.86**	251.86	**251.86**	251.74	**251.86**	**251.86**	249.83	247.29	**251.86**	-Inf	-Inf	-Inf	**251.86**
	runtime	0.01	0.01	0.14	0.17	0.00	0.06	4.45	0.03	0.14	0.05	3.16	1.52	0.84	0.05	0.06	0.06	20.82	2.46	19.53	1.22	1.17	20.67	19.32	0.46	1.28	7.26	45.18	0.36
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.05 GB	0.05 GB	1.45 GB	0.12 GB
gm288	value	**558.81**	1053.74	558.92	558.92	1053.74	827.00	580.07	558.92	558.92	558.92	**558.81**	**558.81**	**558.81**	**558.81**	**558.81**	**558.81**	**558.81**	**558.81**	**558.81**	**558.81**	**558.81**	559.87	572.41	**558.81**	**558.81**	**558.81**	**558.81**	**558.81**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**558.81**	558.81	558.81	558.54	558.81	556.58	**558.81**	558.81	553.62	531.64	**558.81**	-Inf	-Inf	-Inf	**558.81**
	runtime	0.01	0.00	0.48	0.53	0.00	0.16	8.34	0.12	0.45	0.16	7.53	7.53	7.07	0.33	0.66	0.67	49.19	49.23	46.64	17.31	11.25	48.20	46.15	1.65	3600.01	3600.00	718.54	0.71
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.14 GB	0.18 GB	0.17 GB	1.01 GB	0.23 GB
gm289	value	**457.31**	999.19	458.80	458.80	999.19	549.26	458.80	458.80	458.80	458.80	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**	**457.31**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**457.31**	**457.31**	**457.31**	457.13	**457.31**	456.45	**457.31**	**457.31**	453.60	446.34	**457.31**	-Inf	-Inf	-Inf	**457.31**
	runtime	0.02	0.00	0.70	0.74	0.00	0.18	4.69	0.15	0.66	0.22	9.30	9.26	6.51	0.19	0.41	0.42	54.58	35.71	51.88	16.89	11.07	53.93	52.55	1.46	1.87	7.61	38.75	0.80
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.05 GB	0.06 GB	1.28 GB	0.27 GB
gm29	value	**245.06**	653.93	245.31	245.31	653.93	571.91	245.31	245.31	245.31	245.31	245.31	245.31	245.31	**245.06**	**245.06**	**245.06**	**245.06**	**245.06**	**245.06**	**245.06**	**245.06**	**245.06**	245.31	**245.06**	**245.06**	**245.06**	**245.06**	**245.06**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**245.06**	**245.06**	**245.06**	244.93	**245.06**	244.58	**245.06**	**245.06**	243.32	239.23	**245.06**	-Inf	-Inf	-Inf	**245.06**
	runtime	0.00	0.01	0.16	0.18	0.00	0.04	4.91	0.04	0.17	0.05	3.99	2.35	1.52	0.11	0.29	0.26	17.47	9.65	16.79	2.91	7.09	17.56	16.76	0.60	2.18	8.19	43.83	0.30
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.09 GB	0.09 GB	1.33 GB	0.13 GB
gm290	value	**700.39**	1161.74	701.00	701.00	1161.74	1037.68	950.13	722.99	701.00	722.99	**700.39**	774.72	774.72	**700.39**	**700.39**	**700.39**	700.52	**700.39**	701.29	**700.39**	**700.39**	701.65	711.36	**700.39**	**700.39**	**700.39**	**700.39**	**700.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**700.39**	700.39	700.39	698.87	700.29	695.24	699.98	700.11	693.33	667.94	**700.39**	-Inf	-Inf	-Inf	**700.39**
	runtime	0.02	0.03	0.83	0.90	0.02	0.17	9.55	0.38	0.81	0.27	16.88	16.71	15.38	0.60	4.06	4.08	109.66	108.93	103.98	107.23	102.14	108.85	102.78	2.77	3600.00	3600.00	118.04	1.45
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.27 GB	0.82 GB	0.84 GB	1.92 GB	0.47 GB
gm291	value	**711.49**	1251.66	748.94	748.94	1248.47	907.20	886.29	748.94	748.94	748.94	741.95	741.95	741.95	**711.49**	**711.49**	**711.49**	**711.49**	**711.49**	714.52	**711.49**	**711.49**	713.45	742.33	**711.49**	715.73	711.79	**711.49**	**711.49**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**711.49**	711.49	711.49	710.02	711.34	700.93	711.48	711.48	697.28	654.41	**711.49**	-Inf	-Inf	-Inf	**711.49**
	runtime	0.01	0.01	0.40	0.44	0.00	0.13	3.41	0.14	0.39	0.17	7.79	7.69	7.32	0.57	2.24	2.25	41.99	42.22	39.81	41.89	39.95	42.47	39.87	4.81	3600.00	3600.00	3600.01	1.03
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.14 GB	0.56 GB	0.54 GB	1.30 GB	0.24 GB
gm292	value	608.77	1151.99	620.38	620.38	1151.99	1140.69	1024.37	620.38	620.38	620.38	**608.26**	**608.26**	645.10	**608.26**	**608.26**	**608.26**	**608.26**	**608.26**	**608.26**	**608.26**	**608.26**	**608.26**	614.43	**608.26**	**608.26**	**608.26**	**608.26**	**608.26**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**608.26**	608.26	608.26	607.77	608.24	606.21	**608.26**	**608.26**	604.98	588.22	**608.26**	-Inf	-Inf	-Inf	**608.26**
	runtime	0.02	0.03	0.68	0.73	0.02	0.10	9.06	0.14	0.67	0.22	13.59	13.66	12.71	0.37	1.74	1.74	86.43	84.48	81.97	15.30	64.49	85.47	80.97	2.15	408.55	446.81	55.38	1.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.23 GB	0.11 GB	0.11 GB	1.58 GB	0.40 GB
gm293	value	**546.55**	654.74	590.46	590.46	654.74	652.11	638.85	572.99	590.46	592.03	548.67	548.67	548.67	**546.55**	**546.55**	**546.55**	**546.55**	**546.55**	546.71	**546.55**	**546.55**	548.45	557.94	**546.55**	**546.55**	**546.55**	**546.55**	**546.55**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**546.55**	**546.55**	**546.55**	545.38	546.51	540.75	**546.55**	**546.55**	536.44	511.77	**546.55**	-Inf	-Inf	-Inf	**546.55**
	runtime	0.02	0.02	0.80	0.84	0.01	0.07	7.99	0.42	0.80	0.23	8.54	7.14	7.85	0.71	1.49	1.50	45.94	45.68	43.33	24.77	22.97	45.97	42.78	2.32	12.45	18.45	24.33	1.00
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.15 GB	0.06 GB	0.06 GB	0.65 GB	0.25 GB
gm294	value	**223.64**	256.02	**223.64**	**223.64**	256.02	256.02	233.09	**223.64**	**223.64**	**223.64**	223.73	223.73	223.73	**223.64**	230.38	228.57	**223.64**	**223.64**	**223.64**	**223.64**	**223.64**	225.89	227.65	**223.64**	**223.64**	**223.64**	**223.64**	**223.64**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**223.64**	223.64	223.64	222.76	223.62	220.85	**223.64**	**223.64**	218.33	205.94	**223.64**	-Inf	-Inf	-Inf	**223.64**
	runtime	0.01	0.01	0.18	0.19	0.00	0.03	1.31	0.06	0.18	0.06	2.47	1.05	0.54	0.20	0.73	0.91	9.77	9.79	9.45	5.52	7.73	9.77	9.45	0.55	1.99	8.03	42.70	0.26
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.08 GB	0.08 GB	1.48 GB	0.09 GB
gm295	value	**561.22**	1068.29	576.53	576.53	1068.29	743.32	716.22	576.53	576.53	576.53	568.97	568.97	568.97	**561.22**	**561.22**	**561.22**	562.48	**561.22**	563.36	**561.22**	**561.22**	564.25	590.61	**561.22**	576.53	**561.22**	**561.22**	**561.22**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**561.22**	**561.22**	**561.22**	560.96	**561.22**	557.84	**561.22**	**561.22**	556.59	528.13	**561.22**	-Inf	-Inf	-Inf	**561.22**
	runtime	0.03	0.01	0.76	0.80	0.01	0.25	7.26	0.15	0.77	0.24	14.24	14.26	13.64	0.85	2.20	2.19	79.59	56.64	76.11	59.77	47.02	78.53	75.84	6.10	1416.74	1495.62	194.53	1.70
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.04 GB	0.01 GB	0.23 GB	0.29 GB	0.26 GB	1.55 GB	0.40 GB
gm296	value	**397.91**	494.41	425.52	425.52	494.41	**397.91**	**397.91**	425.52	425.52	425.52	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**	**397.91**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**397.91**	**397.91**	**397.91**	397.85	**397.91**	397.37	**397.91**	**397.91**	395.66	387.28	**397.91**	-Inf	-Inf	-Inf	**397.91**
	runtime	0.02	0.01	0.43	0.48	0.01	0.10	3.17	0.14	0.43	0.15	9.29	9.17	8.78	0.19	0.58	0.58	59.42	14.93	56.44	8.76	9.00	58.89	57.15	1.52	1.68	7.44	38.99	0.89
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.06 GB	0.06 GB	1.31 GB	0.28 GB
gm297	value	**536.62**	786.81	579.29	579.29	786.81	667.99	667.52	576.33	579.29	579.29	573.34	573.34	575.44	**536.62**	**536.62**	**536.62**	538.55	**536.62**	537.25	**536.62**	**536.62**	539.49	550.68	**536.62**	**536.62**	**536.62**	**536.62**	**536.62**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**536.62**	**536.62**	**536.62**	534.39	536.32	525.25	536.62	536.59	523.42	494.90	**536.62**	-Inf	-Inf	-Inf	**536.62**
	runtime	0.01	0.01	0.27	0.31	0.00	0.08	4.48	0.13	0.28	0.09	4.91	4.97	4.44	0.36	0.60	0.59	42.05	42.09	40.43	38.07	39.90	42.02	40.62	3.58	6.63	16.58	56.04	0.61
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.09 GB	0.09 GB	0.09 GB	1.67 GB	0.15 GB
gm298	value	**386.18**	761.30	386.66	386.66	761.30	697.78	404.45	387.41	386.66	387.41	386.66	386.66	386.66	**386.18**	**386.18**	**386.18**	**386.18**	**386.18**	387.54	**386.18**	**386.18**	387.62	388.23	**386.18**	**386.18**	**386.18**	**386.18**	**386.18**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**386.18**	386.18	386.18	385.71	386.17	371.12	**386.18**	**386.18**	377.00	361.52	**386.18**	-Inf	-Inf	-Inf	**386.18**
	runtime	0.01	0.01	0.45	0.47	0.00	0.03	1.96	0.15	0.49	0.14	1.87	0.82	0.33	0.21	0.51	0.51	10.64	10.74	10.36	5.23	2.83	10.69	10.42	0.85	24.96	30.20	40.41	0.43
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.10 GB	0.10 GB	1.47 GB	0.10 GB
gm299	value	**257.80**	672.14	275.23	275.23	672.14	324.99	277.65	275.23	275.23	275.23	**257.80**	260.07	260.07	**257.80**	**257.80**	**257.80**	**257.80**	**257.80**	**257.80**	**257.80**	**257.80**	**257.80**	260.43	**257.80**	**257.80**	**257.80**	**257.80**	**257.80**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**257.80**	**257.80**	**257.80**	257.62	**257.80**	255.58	**257.80**	**257.80**	253.66	244.74	**257.80**	-Inf	-Inf	-Inf	**257.80**
	runtime	0.00	0.01	0.19	0.22	0.00	0.12	4.82	0.05	0.19	0.07	5.03	4.99	4.77	0.18	0.52	0.52	26.37	9.57	25.55	4.98	5.65	26.54	25.65	0.87	3.19	9.20	22.63	0.42
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.13 GB	0.13 GB	0.64 GB	0.15 GB
gm3	value	**405.84**	807.44	432.95	432.95	807.44	600.09	587.82	433.10	432.95	433.10	432.93	432.93	432.93	**405.84**	406.14	406.14	**405.84**	**405.84**	**405.84**	**405.84**	**405.84**	**405.84**	408.92	**405.84**	**405.84**	**405.84**	**405.84**	**405.84**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**405.84**	405.84	405.84	405.35	405.76	404.39	**405.84**	**405.84**	402.45	396.00	**405.84**	-Inf	-Inf	-Inf	**405.84**
	runtime	0.01	0.01	0.51	0.54	0.01	0.14	2.90	0.15	0.51	0.19	9.02	8.68	5.76	3.61	1.01	1.23	41.63	42.43	40.29	41.98	38.08	41.48	40.26	1.68	0.98	6.98	32.88	0.77
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.15 GB	0.04 GB	0.04 GB	0.94 GB	0.25 GB
gm30	value	**609.37**	1127.22	614.45	614.45	1127.22	1078.24	1078.24	614.45	614.45	614.45	**609.37**	**609.37**	**609.37**	**609.37**	**609.37**	**609.37**	**609.37**	**609.37**	**609.37**	**609.37**	**609.37**	609.49	623.60	**609.37**	**609.37**	**609.37**	**609.37**	**609.37**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**609.37**	**609.37**	**609.37**	608.60	**609.37**	606.06	**609.37**	**609.37**	603.44	584.83	**609.37**	-Inf	-Inf	-Inf	**609.37**
	runtime	0.01	0.00	0.48	0.51	0.00	0.07	3.27	0.12	0.48	0.16	6.95	4.57	6.45	0.36	0.51	0.50	35.64	19.96	33.56	8.17	12.23	35.49	33.91	2.81	121.68	122.75	24.51	0.76
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.13 GB	0.08 GB	0.07 GB	0.65 GB	0.21 GB
gm300	value	**237.70**	408.32	240.20	240.20	408.32	401.91	401.91	**237.70**	240.20	240.20	239.98	247.98	250.10	**237.70**	**237.70**	**237.70**	**237.70**	**237.70**	239.51	**237.70**	**237.70**	239.96	242.22	**237.70**	**237.70**	**237.70**	**237.70**	**237.70**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**237.70**	237.70	237.70	237.17	237.70	236.01	237.70	237.70	232.92	227.82	**237.70**	-Inf	-Inf	-Inf	**237.70**
	runtime	0.00	0.00	0.14	0.16	0.00	0.02	0.90	0.04	0.14	0.06	1.84	2.26	2.07	0.15	0.35	0.34	10.44	10.50	10.01	5.63	9.83	11.02	10.11	0.50	1.27	7.27	24.67	0.23
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.06 GB	0.06 GB	0.63 GB	0.08 GB
gm31	value	**323.72**	541.57	335.29	335.29	541.57	414.62	352.99	**323.72**	335.29	**323.72**	325.13	358.25	356.31	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**	**323.72**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**323.72**	323.72	323.72	323.54	**323.72**	322.73	**323.72**	**323.72**	318.55	306.84	**323.72**	-Inf	-Inf	-Inf	**323.72**
	runtime	0.00	0.00	0.13	0.14	0.00	0.07	3.10	0.03	0.13	0.04	2.36	2.45	2.24	0.13	0.22	0.23	13.56	3.36	12.96	1.78	2.57	13.54	12.97	0.52	1.13	7.13	18.75	0.25
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.05 GB	0.05 GB	0.54 GB	0.09 GB
gm32	value	**150.50**	299.04	181.44	181.44	299.04	176.72	176.72	181.44	181.44	181.44	177.22	177.22	177.22	**150.50**	**150.50**	**150.50**	**150.50**	**150.50**	**150.50**	**150.50**	**150.50**	**150.50**	156.16	**150.50**	**150.50**	**150.50**	**150.50**	**150.50**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**150.50**	**150.50**	**150.50**	**150.50**	**150.50**	**150.50**	**150.50**	**150.50**	150.09	148.44	**150.50**	-Inf	-Inf	-Inf	**150.50**
	runtime	0.00	0.00	0.11	0.12	0.00	0.03	0.26	0.04	0.13	0.04	1.05	0.51	0.94	0.04	0.03	0.03	0.91	0.43	2.82	0.20	0.18	4.62	4.52	0.17	3.14	9.10	33.52	0.12
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.13 GB	0.13 GB	1.09 GB	0.05 GB
gm33	value	**518.44**	1172.65	565.81	565.81	1172.65	1160.63	668.85	565.81	565.81	565.81	**518.44**	**518.44**	**518.44**	**518.44**	**518.44**	**518.44**	**518.44**	**518.44**	**518.44**	**518.44**	**518.44**	519.92	537.45	**518.44**	**518.44**	**518.44**	**518.44**	**518.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**518.44**	**518.44**	**518.44**	518.44	**518.44**	518.43	**518.44**	**518.44**	517.36	514.16	**518.44**	-Inf	-Inf	-Inf	**518.44**
	runtime	0.01	0.01	1.13	1.22	0.01	0.14	56.52	0.28	1.10	0.38	15.14	15.02	13.12	0.32	0.68	0.69	72.89	16.67	69.29	11.74	13.18	71.38	68.71	2.14	1.89	7.68	44.75	1.12
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.24 GB	0.06 GB	0.06 GB	1.27 GB	0.41 GB
gm34	value	**653.01**	904.86	680.47	680.47	904.86	864.44	852.31	680.45	680.47	680.45	**653.01**	**653.01**	**653.01**	**653.01**	**653.01**	**653.01**	**653.01**	**653.01**	653.26	**653.01**	**653.01**	654.70	660.72	**653.01**	**653.01**	**653.01**	**653.01**	**653.01**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**653.01**	**653.01**	**653.01**	652.20	**653.01**	649.38	**653.01**	**653.01**	646.35	625.52	**653.01**	-Inf	-Inf	-Inf	**653.01**
	runtime	0.01	0.01	0.56	0.63	0.01	0.08	8.45	0.14	0.58	0.19	7.98	7.98	4.33	0.37	1.66	1.67	47.00	17.07	46.96	35.06	18.68	46.32	46.16	1.78	52.34	54.76	31.56	0.93
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.15 GB	0.07 GB	0.07 GB	0.99 GB	0.25 GB
gm35	value	**598.62**	1093.37	621.41	621.41	1093.37	1090.74	599.52	621.41	621.41	621.41	**598.62**	605.93	616.88	**598.62**	**598.62**	**598.62**	**598.62**	**598.62**	598.73	**598.62**	**598.62**	599.18	600.36	**598.62**	599.52	**598.62**	**598.62**	**598.62**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**598.62**	**598.62**	**598.62**	598.04	598.61	596.51	598.62	598.62	592.69	576.21	**598.62**	-Inf	-Inf	-Inf	**598.62**
	runtime	0.01	0.01	0.41	0.45	0.00	0.06	6.15	0.11	0.41	0.14	8.59	8.56	7.64	0.24	1.06	1.07	48.06	49.36	45.78	33.31	21.43	46.94	46.12	1.54	179.51	156.29	47.59	0.78
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.16 GB	0.15 GB	1.67 GB	0.27 GB
gm36	value	480.48	621.86	507.61	507.61	621.86	617.73	617.73	511.97	507.61	507.61	472.32	488.35	499.44	**471.88**	**471.88**	**471.88**	**471.88**	**471.88**	**471.88**	**471.88**	**471.88**	**471.88**	479.29	**471.88**	**471.88**	**471.88**	**471.88**	**471.88**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**471.88**	471.88	471.88	471.55	**471.88**	465.26	471.88	**471.88**	462.71	445.99	**471.88**	-Inf	-Inf	-Inf	**471.88**
	runtime	0.01	0.01	0.48	0.54	0.00	0.07	3.21	0.14	0.49	0.19	6.93	6.73	6.20	0.27	0.66	0.67	40.02	23.28	37.72	15.57	9.50	39.75	37.62	1.54	3.18	8.15	26.82	0.86
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.13 GB	0.05 GB	0.05 GB	0.84 GB	0.22 GB
gm37	value	**268.28**	378.52	**268.28**	**268.28**	378.52	378.52	368.21	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**	270.33	**268.28**	**268.28**	**268.28**	**268.28**	**268.28**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**268.28**	**268.28**	**268.28**	268.11	**268.28**	267.51	**268.28**	**268.28**	265.35	259.28	**268.28**	-Inf	-Inf	-Inf	**268.28**
	runtime	0.00	0.00	0.13	0.14	0.00	0.01	0.50	0.03	0.14	0.05	1.21	0.49	0.24	0.10	0.14	0.14	7.28	2.14	7.02	1.71	1.74	7.26	7.05	0.41	1.62	7.64	37.92	0.25
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.07 GB	0.07 GB	1.36 GB	0.08 GB
gm38	value	397.65	585.13	**396.05**	**396.05**	585.13	548.64	547.50	**396.05**	**396.05**	**396.05**	**396.05**	**396.05**	**396.05**	**396.05**	396.30	**396.05**	**396.05**	**396.05**	**396.05**	**396.05**	**396.05**	396.23	402.27	**396.05**	**396.05**	**396.05**	**396.05**	**396.05**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**396.05**	396.05	396.05	395.73	395.99	394.82	**396.05**	**396.05**	392.63	379.52	**396.05**	-Inf	-Inf	-Inf	**396.05**
	runtime	0.01	0.01	0.21	0.23	0.00	0.05	2.00	0.06	0.22	0.08	2.82	1.19	0.68	0.18	0.47	0.86	22.79	22.45	21.48	4.59	4.34	22.14	21.24	0.81	2.67	8.65	54.42	0.49
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.11 GB	0.11 GB	2.00 GB	0.15 GB
gm39	value	**236.25**	334.97	248.61	248.61	334.97	270.00	250.49	248.61	248.61	248.61	239.56	239.56	239.56	**236.25**	**236.25**	**236.25**	237.25	**236.25**	238.43	236.46	**236.25**	238.42	239.08	**236.25**	**236.25**	**236.25**	**236.25**	**236.25**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**236.25**	**236.25**	**236.25**	233.41	235.54	230.13	236.15	235.31	227.86	214.16	**236.25**	-Inf	-Inf	-Inf	**236.25**
	runtime	0.01	0.00	0.22	0.24	0.00	0.05	1.61	0.07	0.25	0.09	2.77	1.91	0.85	0.48	0.58	0.57	13.08	13.21	12.72	13.10	12.62	13.09	12.73	0.72	2.00	8.01	47.36	0.32
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.07 GB	0.07 GB	1.52 GB	0.10 GB
gm4	value	**436.16**	913.22	**436.16**	**436.16**	913.22	472.44	465.48	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**	454.46	**436.16**	**436.16**	**436.16**	**436.16**	**436.16**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**436.16**	**436.16**	**436.16**	436.11	**436.16**	434.51	**436.16**	**436.16**	432.81	417.36	**436.16**	-Inf	-Inf	-Inf	**436.16**
	runtime	0.02	0.01	0.63	0.67	0.01	0.19	5.32	0.19	0.62	0.20	13.10	12.94	12.39	0.41	0.95	0.95	56.08	15.41	54.27	11.00	12.16	56.63	54.34	3.19	588.47	621.28	325.72	1.40
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.21 GB	0.14 GB	0.14 GB	1.31 GB	0.36 GB
gm40	value	**142.37**	494.27	**142.37**	**142.37**	494.27	492.17	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	**142.37**	142.36	142.30	**142.37**	-Inf	-Inf	-Inf	**142.37**
	runtime	0.01	0.00	0.20	0.22	0.00	0.03	5.61	0.06	0.20	0.07	3.87	1.76	1.15	0.03	0.04	0.03	2.04	0.33	8.97	0.21	0.40	14.29	13.68	0.58	2.25	8.25	65.23	0.30
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.09 GB	0.09 GB	1.98 GB	0.13 GB
gm41	value	**196.76**	272.29	207.37	207.37	272.29	272.29	198.95	207.37	207.37	207.37	198.95	198.95	198.95	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**	**196.76**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**196.76**	**196.76**	**196.76**	196.59	**196.76**	195.83	**196.76**	**196.76**	193.26	186.31	**196.76**	-Inf	-Inf	-Inf	**196.76**
	runtime	0.01	0.01	0.18	0.20	0.00	0.02	2.67	0.04	0.18	0.05	3.58	2.19	1.12	0.12	0.25	0.25	16.02	5.58	15.39	3.26	3.77	15.89	15.36	0.55	2.13	8.12	51.29	0.31
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.09 GB	0.09 GB	1.65 GB	0.12 GB
gm42	value	753.98	1105.70	755.30	755.30	1105.70	1096.17	1096.17	766.71	755.30	766.71	753.98	753.98	753.30	**752.34**	756.68	756.68	**752.34**	**752.34**	752.80	**752.34**	**752.34**	756.97	781.06	**752.34**	756.57	754.17	754.17	**752.34**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**752.34**	752.34	752.34	750.24	752.19	745.84	752.27	752.14	744.29	701.98	**752.34**	-Inf	-Inf	-Inf	**752.34**
	runtime	0.03	0.01	1.01	1.11	0.01	0.12	5.97	0.36	1.01	0.28	13.08	13.31	12.60	0.74	1.66	2.69	83.07	84.13	80.38	84.42	80.89	84.64	80.41	3.54	3600.01	3600.00	3600.00	1.45
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.21 GB	0.55 GB	0.53 GB	2.25 GB	0.36 GB
gm43	value	**444.76**	788.18	473.06	473.06	788.18	747.68	505.39	457.28	473.06	490.11	454.31	454.31	454.31	**444.76**	**444.76**	**444.76**	**444.76**	**444.76**	**444.76**	**444.76**	**444.76**	**444.76**	460.15	**444.76**	**444.76**	**444.76**	**444.76**	**444.76**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**444.76**	**444.76**	**444.76**	444.68	**444.76**	442.03	444.76	**444.76**	438.80	420.41	**444.76**	-Inf	-Inf	-Inf	**444.76**
	runtime	0.01	0.01	0.34	0.36	0.01	0.06	5.50	0.14	0.34	3.95	4.47	2.02	1.68	0.22	0.15	0.15	20.88	13.17	20.02	4.04	2.51	20.96	20.09	1.02	4.39	9.51	53.59	0.54
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.13 GB	0.13 GB	1.80 GB	0.15 GB
gm44	value	**541.54**	1318.98	541.78	541.78	1303.31	1290.86	1185.41	541.78	541.78	541.78	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**	**541.54**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**541.54**	**541.54**	**541.54**	541.39	541.52	540.63	**541.54**	541.52	538.21	530.76	**541.54**	-Inf	-Inf	-Inf	**541.54**
	runtime	0.02	0.02	0.62	0.67	0.01	0.06	4.59	0.15	0.61	0.21	8.05	4.55	7.45	0.18	0.87	0.88	44.93	44.89	42.70	7.70	42.01	45.92	42.52	1.22	16.87	23.34	33.52	0.66
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.15 GB	0.06 GB	0.06 GB	1.08 GB	0.25 GB
gm45	value	**686.73**	1695.24	739.16	739.16	1695.24	1192.15	1167.39	730.97	739.16	730.97	699.62	699.62	699.62	**686.73**	**686.73**	**686.73**	687.41	**686.73**	695.90	**686.73**	**686.73**	693.33	734.94	**686.73**	694.10	687.70	687.70	**686.73**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**686.73**	686.73	686.73	684.52	686.66	676.36	686.73	686.61	675.50	649.23	**686.73**	-Inf	-Inf	-Inf	**686.73**
	runtime	0.02	0.02	0.97	1.04	0.01	0.27	6.32	0.35	0.93	0.35	14.90	14.95	13.88	0.93	2.85	2.85	95.12	96.33	89.39	82.56	90.22	94.75	87.79	3.44	3600.00	3600.00	3600.00	1.88
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.25 GB	0.30 GB	0.29 GB	1.90 GB	0.42 GB
gm46	value	**569.41**	1517.24	571.55	571.55	1517.24	1166.04	1024.96	616.78	571.55	616.78	571.55	571.55	571.55	**569.41**	**569.41**	**569.41**	**569.41**	**569.41**	575.56	**569.41**	**569.41**	574.29	575.56	**569.41**	**569.41**	**569.41**	**569.41**	**569.41**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**569.41**	569.41	569.41	568.16	**569.41**	561.70	**569.41**	**569.41**	560.07	538.13	**569.41**	-Inf	-Inf	-Inf	**569.41**
	runtime	0.01	0.01	0.85	0.94	0.01	0.18	9.09	0.19	0.86	0.26	13.95	14.06	13.20	0.83	2.55	2.54	74.11	68.21	73.47	37.92	42.17	74.12	73.52	3.66	6.18	11.57	44.21	1.94
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.23 GB	0.08 GB	0.08 GB	1.37 GB	0.40 GB
gm47	value	**212.55**	828.91	**212.55**	**212.55**	828.91	497.60	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**	212.99	**212.55**	**212.55**	**212.55**	**212.55**	**212.55**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**212.55**	212.55	212.55	212.23	**212.55**	211.81	**212.55**	**212.55**	210.19	207.42	**212.55**	-Inf	-Inf	-Inf	**212.55**
	runtime	0.00	0.00	0.22	0.25	0.00	0.05	3.93	0.05	0.23	0.08	3.33	1.45	0.93	0.06	0.20	0.21	19.36	5.40	18.39	3.90	3.87	19.24	18.22	0.50	1.90	7.90	43.15	0.27
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.08 GB	0.08 GB	1.36 GB	0.12 GB
gm48	value	343.75	485.89	343.75	343.75	485.89	485.89	485.89	343.75	343.75	343.75	343.75	343.75	343.75	**343.74**	353.78	353.78	**343.74**	**343.74**	**343.74**	**343.74**	**343.74**	**343.74**	344.79	**343.74**	**343.74**	**343.74**	**343.74**	**343.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	343.43	343.74	343.74	343.03	343.58	340.17	343.73	343.74	336.51	322.73	**343.74**	-Inf	-Inf	-Inf	**343.74**
	runtime	0.01	0.00	0.18	0.21	0.00	0.03	1.70	0.05	0.19	0.06	3.60	2.43	1.33	1.61	0.57	0.84	20.14	19.99	19.14	19.98	19.35	20.18	19.30	1.09	2.29	8.27	40.59	0.41
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.09 GB	0.09 GB	1.39 GB	0.12 GB
gm49	value	**873.08**	1320.16	892.10	892.10	1301.56	1232.86	1232.86	892.10	892.10	892.10	881.14	881.14	881.14	**873.08**	**873.08**	**873.08**	**873.08**	**873.08**	876.56	**873.08**	**873.08**	885.68	910.47	**873.08**	880.70	**873.08**	**873.08**	**873.08**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**873.08**	**873.08**	**873.08**	872.58	**873.08**	869.06	**873.08**	**873.08**	865.34	816.86	**873.08**	-Inf	-Inf	-Inf	**873.08**
	runtime	0.02	0.01	0.66	0.71	0.01	0.11	4.53	0.17	0.64	0.23	11.64	11.46	10.91	0.67	1.11	1.12	67.41	35.82	64.53	22.57	13.70	67.36	64.77	7.41	3600.01	3600.00	3600.00	1.48
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.20 GB	0.90 GB	0.46 GB	2.87 GB	0.33 GB
gm5	value	**369.10**	706.64	387.07	386.45	706.64	392.83	377.99	385.63	387.07	385.63	372.65	372.65	372.65	**369.10**	371.44	**369.10**	370.25	**369.10**	370.33	**369.10**	**369.10**	375.28	396.20	**369.10**	372.09	**369.10**	**369.10**	**369.10**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**369.10**	369.10	369.10	365.89	368.88	359.49	369.08	368.74	357.24	338.71	**369.10**	-Inf	-Inf	-Inf	**369.10**
	runtime	0.01	0.00	0.49	0.56	0.00	0.09	2.77	0.12	0.49	0.17	6.93	4.12	6.68	0.74	2.00	2.62	30.17	29.79	28.90	30.07	28.87	29.70	29.01	2.38	163.42	163.10	40.96	0.94
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.08 GB	0.08 GB	0.70 GB	0.21 GB
gm50	value	**519.46**	1698.48	532.54	532.54	1698.48	622.67	555.98	532.54	532.54	532.54	532.54	576.13	589.01	**519.46**	**519.46**	**519.46**	**519.46**	**519.46**	**519.46**	**519.46**	**519.46**	**519.46**	533.56	**519.46**	**519.46**	**519.46**	**519.46**	**519.46**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**519.46**	519.46	519.46	519.15	**519.46**	517.89	**519.46**	**519.46**	515.22	506.46	**519.46**	-Inf	-Inf	-Inf	**519.46**
	runtime	0.01	0.00	0.56	0.61	0.01	0.34	6.28	0.16	0.56	0.21	9.59	9.60	9.10	0.29	0.93	0.94	41.63	14.47	39.81	9.44	10.08	41.60	40.06	1.66	68.87	74.98	39.78	0.80
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.17 GB	0.06 GB	0.06 GB	1.22 GB	0.28 GB
gm51	value	**210.93**	462.97	251.40	251.40	462.97	393.36	303.52	251.68	251.40	251.68	228.60	228.60	228.60	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**210.93**	**210.93**	**210.93**	**210.93**	**210.93**	210.90	**210.93**	**210.93**	210.05	205.71	**210.93**	-Inf	-Inf	-Inf	**210.93**
	runtime	0.00	0.00	0.10	0.12	0.00	0.04	7.18	0.04	0.10	0.04	2.03	0.84	0.55	0.05	0.08	0.09	2.15	1.11	10.27	0.68	0.45	10.72	10.29	0.35	3.43	9.33	14.52	0.18
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.12 GB	0.12 GB	0.29 GB	0.08 GB
gm52	value	**378.96**	743.35	417.95	417.95	743.35	586.33	459.71	417.95	417.95	417.95	420.53	420.05	420.05	**378.96**	**378.96**	**378.96**	**378.96**	**378.96**	**378.96**	**378.96**	**378.96**	**378.96**	389.74	**378.96**	395.31	**378.96**	**378.96**	**378.96**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**378.96**	**378.96**	**378.96**	378.65	**378.96**	375.35	**378.96**	**378.96**	374.19	360.69	**378.96**	-Inf	-Inf	-Inf	**378.96**
	runtime	0.00	0.01	0.33	0.36	0.00	0.08	4.68	0.07	0.34	0.11	5.20	5.15	4.87	0.28	0.30	0.31	26.22	9.90	25.55	6.87	7.09	26.33	25.52	1.29	3.01	9.02	20.37	0.54
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.12 GB	0.12 GB	0.52 GB	0.16 GB
gm53	value	**362.94**	695.63	370.25	370.25	695.63	532.40	531.91	370.25	370.25	370.25	370.25	370.25	370.25	**362.94**	**362.94**	**362.94**	**362.94**	**362.94**	**362.94**	**362.94**	**362.94**	**362.94**	366.47	**362.94**	**362.94**	**362.94**	**362.94**	**362.94**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**362.94**	**362.94**	**362.94**	362.55	**362.94**	361.90	**362.94**	**362.94**	360.27	349.85	**362.94**	-Inf	-Inf	-Inf	**362.94**
	runtime	0.01	0.01	0.16	0.19	0.00	0.08	1.62	0.04	0.16	0.07	4.09	4.12	3.82	0.13	0.24	0.23	30.05	7.40	28.75	7.21	6.16	30.23	28.87	0.70	3.37	9.36	20.54	0.37
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.12 GB	0.12 GB	0.57 GB	0.14 GB
gm54	value	**307.24**	462.90	323.10	323.10	462.90	462.90	462.90	323.90	323.10	323.10	**307.24**	**307.24**	**307.24**	**307.24**	**307.24**	**307.24**	**307.24**	**307.24**	**307.24**	**307.24**	**307.24**	**307.24**	310.42	**307.24**	**307.24**	**307.24**	**307.24**	**307.24**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**307.24**	**307.24**	**307.24**	307.18	**307.24**	306.67	**307.24**	**307.24**	303.01	291.41	**307.24**	-Inf	-Inf	-Inf	**307.24**
	runtime	0.00	0.00	0.20	0.22	0.00	0.03	0.93	2.84	0.20	0.07	3.28	1.34	1.00	0.14	0.26	0.25	13.77	4.68	13.33	1.91	2.50	13.78	13.40	0.56	139.98	144.82	31.99	0.31
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.14 GB	0.14 GB	0.46 GB	0.12 GB
gm55	value	479.41	619.47	509.28	509.28	619.47	533.81	491.20	509.28	509.28	506.20	476.12	476.12	476.12	**473.23**	**473.23**	**473.23**	473.32	**473.23**	484.48	**473.23**	**473.23**	487.02	495.64	**473.23**	474.61	**473.23**	**473.23**	**473.23**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**473.23**	473.23	473.23	470.50	473.11	461.28	473.23	**473.23**	459.91	425.41	**473.23**	-Inf	-Inf	-Inf	**473.23**
	runtime	0.01	0.01	0.38	0.41	0.00	0.05	4.23	0.10	0.39	0.13	5.00	5.03	2.57	0.54	1.38	1.36	26.11	26.13	24.81	26.47	21.94	25.89	24.98	3.70	14.60	20.81	59.88	0.77
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.10 GB	0.10 GB	1.94 GB	0.16 GB
gm56	value	**331.70**	644.51	414.64	414.64	644.51	644.51	584.43	414.64	414.64	414.64	385.81	385.81	385.81	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**	**331.70**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**331.70**	**331.70**	**331.70**	331.61	**331.70**	331.43	**331.70**	**331.70**	329.92	325.58	**331.70**	-Inf	-Inf	-Inf	**331.70**
	runtime	0.01	0.00	0.24	0.25	0.00	0.02	2.02	0.06	0.26	0.08	2.43	1.03	0.55	0.09	0.08	0.08	13.43	3.30	12.89	5.05	5.93	13.32	12.98	0.60	2.09	8.10	54.02	0.28
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.09 GB	0.09 GB	1.95 GB	0.11 GB
gm57	value	**196.87**	517.58	**196.87**	**196.87**	517.58	517.58	517.58	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**	197.46	**196.87**	**196.87**	**196.87**	**196.87**	**196.87**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**196.87**	**196.87**	**196.87**	196.86	**196.87**	196.72	**196.87**	**196.87**	195.24	187.82	**196.87**	-Inf	-Inf	-Inf	**196.87**
	runtime	0.01	0.00	0.11	0.12	0.00	0.02	0.74	0.03	0.11	0.04	0.93	0.37	0.24	0.04	0.05	0.05	7.17	1.08	6.97	0.44	0.90	7.16	6.94	0.28	1.10	7.11	33.75	0.22
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	1.17 GB	0.08 GB
gm58	value	**376.26**	631.78	431.41	431.41	631.78	539.84	539.84	459.81	431.41	459.81	396.81	396.81	385.50	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**	**376.26**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**376.26**	**376.26**	**376.26**	376.23	**376.26**	376.22	**376.26**	**376.26**	374.96	372.76	**376.26**	-Inf	-Inf	-Inf	**376.26**
	runtime	0.01	0.01	0.47	0.50	0.01	0.08	1.63	0.12	0.47	0.17	6.21	6.48	4.85	0.09	0.09	0.08	35.07	6.28	33.50	6.81	4.54	34.59	33.55	0.94	1.06	7.06	28.76	0.45
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.05 GB	0.05 GB	0.92 GB	0.21 GB
gm59	value	760.17	1292.04	799.37	799.37	1292.04	1121.41	979.15	814.94	799.37	800.87	780.91	780.91	780.91	**757.74**	**757.74**	**757.74**	**757.74**	**757.74**	758.61	**757.74**	**757.74**	759.83	830.47	**757.74**	773.30	**757.74**	**757.74**	**757.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**757.74**	**757.74**	**757.74**	756.78	757.74	752.09	**757.74**	**757.74**	749.74	714.66	**757.74**	-Inf	-Inf	-Inf	**757.74**
	runtime	0.01	0.01	0.66	0.75	0.00	0.16	19.61	7.64	0.68	0.22	8.98	6.63	4.10	0.78	1.58	1.59	44.90	45.01	42.47	29.14	18.02	44.22	42.64	7.27	3600.01	3600.00	2569.18	1.16
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.15 GB	0.41 GB	0.35 GB	1.35 GB	0.26 GB
gm6	value	412.06	789.33	452.74	452.56	754.85	607.64	607.61	452.74	452.74	452.74	443.00	443.00	443.00	**411.50**	415.16	415.16	**411.50**	**411.50**	**411.50**	**411.50**	**411.50**	**411.50**	413.12	**411.50**	418.90	**411.50**	**411.50**	**411.50**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**411.50**	411.50	411.50	410.13	411.31	403.86	**411.50**	411.50	401.94	383.54	**411.50**	-Inf	-Inf	-Inf	**411.50**
	runtime	0.02	0.02	1.05	1.14	0.01	0.23	9.19	0.22	1.05	0.36	16.56	16.57	14.37	1.00	3.92	4.86	68.48	67.79	66.08	32.67	65.31	67.45	65.69	5.10	57.60	62.43	48.96	1.59
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.24 GB	0.06 GB	0.06 GB	1.31 GB	0.43 GB
gm60	value	759.36	1243.62	**757.66**	**757.66**	1243.62	855.68	813.54	**757.66**	**757.66**	**757.66**	**757.66**	**757.66**	776.08	**757.66**	**757.66**	**757.66**	**757.66**	**757.66**	**757.66**	**757.66**	**757.66**	759.11	763.67	**757.66**	**757.66**	**757.66**	**757.66**	**757.66**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**757.66**	**757.66**	**757.66**	757.66	**757.66**	757.27	**757.66**	**757.66**	755.38	744.30	**757.66**	-Inf	-Inf	-Inf	**757.66**
	runtime	0.02	0.02	0.71	0.78	0.01	0.17	5.41	0.19	0.71	0.26	11.68	8.21	11.01	0.24	0.69	0.70	66.66	15.24	63.62	8.19	5.33	66.37	62.54	1.84	36.21	41.81	47.03	0.98
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.21 GB	0.09 GB	0.09 GB	1.64 GB	0.36 GB
gm61	value	**164.00**	552.20	171.46	171.46	552.20	515.52	171.46	171.46	171.46	171.46	169.31	169.31	169.31	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**	**164.00**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**164.00**	**164.00**	**164.00**	163.99	**164.00**	163.98	**164.00**	**164.00**	162.74	161.47	**164.00**	-Inf	-Inf	-Inf	**164.00**
	runtime	0.00	0.01	0.14	0.16	0.00	0.04	4.90	0.03	0.15	0.06	1.53	0.63	0.35	0.04	0.09	0.08	12.09	4.04	12.59	0.83	0.71	12.00	11.56	0.38	1.50	7.49	20.91	0.18
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	0.59 GB	0.10 GB
gm62	value	**539.45**	792.50	**539.45**	**539.45**	792.50	733.78	568.57	**539.45**	**539.45**	**539.45**	546.99	671.71	675.78	**539.45**	**539.45**	**539.45**	**539.45**	**539.45**	**539.45**	**539.45**	**539.45**	539.51	548.49	**539.45**	**539.45**	**539.45**	**539.45**	**539.45**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**539.45**	539.45	539.45	538.15	539.44	532.71	539.45	**539.45**	528.89	502.69	**539.45**	-Inf	-Inf	-Inf	**539.45**
	runtime	0.01	0.01	0.82	0.87	0.00	0.14	24.64	0.21	0.80	0.28	9.42	9.36	8.87	0.42	3.94	3.98	80.73	80.09	82.15	46.52	52.12	80.71	79.08	3.17	22.70	28.67	24.33	1.29
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.15 GB	0.05 GB	0.05 GB	0.60 GB	0.26 GB
gm63	value	**456.73**	664.78	**456.73**	**456.73**	664.78	662.84	662.84	**456.73**	**456.73**	**456.73**	459.71	**456.73**	485.02	**456.73**	**456.73**	**456.73**	456.86	**456.73**	456.86	**456.73**	**456.73**	458.45	462.61	**456.73**	**456.73**	**456.73**	**456.73**	**456.73**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**456.73**	456.73	456.73	454.78	456.64	452.25	**456.73**	**456.73**	448.62	431.71	**456.73**	-Inf	-Inf	-Inf	**456.73**
	runtime	0.02	0.01	0.80	0.84	0.00	0.08	4.40	0.19	0.78	0.26	10.26	10.16	9.72	0.46	1.20	1.18	71.22	71.77	69.05	56.83	28.90	71.53	67.61	1.54	132.03	172.96	42.27	0.88
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	0.32 GB	0.35 GB	1.18 GB	0.31 GB
gm64	value	**282.80**	588.00	**282.80**	**282.80**	588.00	306.91	306.91	**282.80**	**282.80**	**282.80**	290.93	290.93	329.98	**282.80**	**282.80**	**282.80**	**282.80**	**282.80**	**282.80**	**282.80**	**282.80**	**282.80**	287.35	**282.80**	**282.80**	**282.80**	**282.80**	**282.80**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**282.80**	282.80	282.80	281.90	**282.80**	279.46	**282.80**	**282.80**	275.90	266.05	**282.80**	-Inf	-Inf	-Inf	**282.80**
	runtime	0.00	0.00	0.15	0.17	0.00	0.06	1.66	0.04	0.16	0.06	2.88	1.80	2.57	0.15	0.33	0.33	16.04	10.50	15.13	6.49	7.18	15.98	15.07	0.55	1.53	7.48	27.95	0.42
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB	0.07 GB	0.88 GB	0.11 GB
gm65	value	671.18	937.86	708.26	708.26	937.86	915.45	877.35	708.26	708.26	708.26	694.32	694.32	694.32	**667.04**	**667.04**	**667.04**	**667.04**	**667.04**	668.50	**667.04**	**667.04**	670.91	678.54	**667.04**	693.20	**667.04**	**667.04**	**667.04**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**667.04**	667.04	667.04	666.45	**667.04**	661.82	667.04	**667.04**	659.03	634.13	**667.04**	-Inf	-Inf	-Inf	**667.04**
	runtime	0.01	0.02	0.35	0.38	0.00	0.06	2.83	0.09	0.34	0.12	5.78	2.39	1.46	0.49	1.27	1.27	29.61	24.53	27.54	15.49	8.01	29.12	28.87	4.73	3600.00	3600.00	3600.01	0.74
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.20 GB	0.29 GB	2.40 GB	0.20 GB
gm66	value	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	**97.91**	97.91	**97.91**	-Inf	-Inf	-Inf	**97.91**
	runtime	0.01	0.00	0.06	0.08	0.00	0.02	0.74	0.01	0.06	0.03	1.37	0.55	0.33	0.01	0.01	0.01	0.25	0.05	1.87	0.07	0.06	4.71	9.03	0.29	1.19	7.19	24.47	0.14
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	0.78 GB	0.08 GB
gm67	value	**33.74**	**33.74**	38.79	38.79	**33.74**	**33.74**	**33.74**	38.79	38.79	38.79	38.79	38.79	38.79	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	**33.74**	-Inf	-Inf	-Inf	**33.74**
	runtime	0.00	0.00	0.03	0.04	0.00	0.02	2.88	0.02	0.03	0.01	0.32	0.13	0.09	0.01	0.00	0.00	0.09	0.01	0.29	0.01	0.01	0.98	2.92	0.12	0.03	6.03	6.08	0.09
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB

geo-surf-7		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
gm68	value	228.28	406.98	**228.19**	**228.19**	406.98	406.98	238.95	**228.19**	**228.19**	**228.19**	**228.19**	283.89	271.75	**228.19**	**228.19**	**228.19**	**228.19**	**228.19**	**228.19**	**228.19**	**228.19**	228.28	230.48	**228.19**	**228.19**	**228.19**	**228.19**	**228.19**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**228.19**	228.19	228.19	227.58	228.19	226.50	228.19	**228.19**	225.02	216.17	**228.19**	-Inf	-Inf	-Inf	**228.19**
	runtime	0.00	0.00	0.21	0.23	0.00	0.02	4.49	0.05	0.23	0.08	2.61	2.57	2.43	0.32	0.40	0.41	13.33	13.47	12.78	13.69	8.88	13.20	12.82	0.44	1.45	7.47	37.30	0.21
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	1.15 GB	0.09 GB
gm69	value	**191.50**	358.57	**191.50**	**191.50**	358.57	358.57	358.57	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	197.72	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	**191.50**	190.38	188.54	**191.50**	-Inf	-Inf	-Inf	**191.50**
	runtime	0.00	0.00	0.07	0.09	0.00	0.02	0.97	0.01	0.08	0.03	1.62	0.68	1.77	0.03	0.04	0.04	10.18	3.47	9.59	0.60	0.61	10.29	9.92	0.31	1.06	7.06	20.32	0.22
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	0.59 GB	0.08 GB
gm7	value	**479.28**	1330.43	497.23	497.23	1330.43	1326.79	1265.46	497.23	497.23	497.23	481.76	485.39	480.09	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**	**479.28**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**479.28**	**479.28**	**479.28**	479.03	**479.28**	477.68	**479.28**	479.27	476.23	468.04	**479.28**	-Inf	-Inf	-Inf	**479.28**
	runtime	0.01	0.01	0.43	0.48	0.01	0.07	4.64	0.09	0.42	0.15	9.28	9.37	8.72	0.19	0.72	0.74	83.38	61.46	79.72	16.09	79.79	83.22	78.76	1.28	1.79	7.80	33.46	0.75
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.03 GB	0.02 GB	0.16 GB	0.06 GB	0.06 GB	1.05 GB	0.27 GB
gm70	value	**121.78**	238.96	**121.78**	**121.78**	238.96	238.96	238.96	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**	**121.78**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**121.78**	**121.78**	**121.78**	121.78	**121.78**	121.77	**121.78**	**121.78**	120.39	118.56	**121.78**	-Inf	-Inf	-Inf	**121.78**
	runtime	0.00	0.00	0.07	0.08	0.00	0.01	0.34	0.02	0.07	0.02	0.34	0.14	0.08	0.02	0.02	0.02	4.73	0.62	4.50	0.37	0.32	4.61	4.50	0.16	0.56	6.56	6.85	0.12
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.03 GB	0.04 GB	0.05 GB
gm71	value	**137.04**	138.67	**137.04**	**137.04**	138.67	138.67	138.67	151.50	**137.04**	151.50	**137.04**	**137.04**	232.46	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**	**137.04**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**137.04**	**137.04**	**137.04**	136.91	**137.04**	136.89	**137.04**	**137.04**	133.51	133.61	**137.04**	-Inf	-Inf	-Inf	**137.04**
	runtime	0.01	0.00	0.25	0.29	0.00	0.04	2.30	0.05	0.26	0.07	3.79	3.77	3.48	0.03	0.07	0.07	21.74	3.72	20.72	4.89	2.70	21.56	20.98	0.53	1.82	7.83	32.80	0.29
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.07 GB	0.07 GB	0.99 GB	0.13 GB
gm72	value	**211.86**	225.30	**211.86**	**211.86**	225.30	224.69	214.03	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**	213.47	213.94	**211.86**	**211.86**	**211.86**	**211.86**	**211.86**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**211.86**	211.86	211.86	211.11	**211.86**	210.70	**211.86**	**211.86**	209.04	203.12	**211.86**	-Inf	-Inf	-Inf	**211.86**
	runtime	0.01	0.01	0.14	0.17	0.00	0.05	11.35	0.03	0.14	0.05	2.59	1.07	0.65	0.10	0.15	0.14	19.00	14.90	17.96	11.66	10.05	18.81	18.32	0.49	1.03	7.03	51.45	0.36
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.04 GB	0.04 GB	1.66 GB	0.12 GB
gm73	value	**192.45**	197.04	199.17	199.17	197.04	197.04	197.04	199.17	199.17	199.17	195.99	217.71	198.88	**192.45**	**192.45**	**192.45**	**192.45**	**192.45**	**192.45**	**192.45**	**192.45**	192.52	194.46	**192.45**	**192.45**	**192.45**	**192.45**	**192.45**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**192.45**	**192.45**	**192.45**	192.02	192.45	190.02	**192.45**	**192.45**	187.91	180.20	**192.45**	-Inf	-Inf	-Inf	**192.45**
	runtime	0.00	0.00	0.06	0.08	0.00	0.02	2.21	0.01	0.06	0.02	1.18	1.59	1.43	0.16	0.09	0.09	9.04	8.94	8.67	1.86	2.00	8.98	8.71	0.28	0.51	6.51	6.71	0.21
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.03 GB	0.07 GB
gm74	value	**581.51**	**581.51**	632.79	632.79	**581.51**	**581.51**	**581.51**	629.36	632.79	629.36	621.13	621.13	621.13	**581.51**	**581.51**	**581.51**	**581.51**	**581.51**	**581.51**	**581.51**	**581.51**	**581.51**	588.13	**581.51**	589.35	**581.51**	**581.51**	**581.51**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**581.51**	**581.51**	**581.51**	**581.51**	**581.51**	581.51	**581.51**	**581.51**	580.05	571.30	**581.51**	-Inf	-Inf	-Inf	**581.51**
	runtime	0.01	0.01	0.34	0.39	0.01	0.06	3.12	0.10	0.34	0.14	6.35	5.74	5.65	0.11	0.48	0.48	31.44	9.58	48.63	5.52	5.55	47.17	47.80	1.08	1.24	7.23	27.84	0.79
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.13 GB	0.05 GB	0.05 GB	0.85 GB	0.22 GB
gm75	value	**395.53**	817.91	508.52	508.52	817.91	725.30	654.67	508.52	508.52	508.52	**395.53**	**395.53**	**395.53**	**395.53**	**395.53**	**395.53**	**395.53**	**395.53**	**395.53**	**395.53**	**395.53**	395.55	397.27	**395.53**	**395.53**	**395.53**	**395.53**	**395.53**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**395.53**	**395.53**	**395.53**	**395.53**	**395.53**	395.53	**395.53**	**395.53**	394.77	392.99	**395.53**	-Inf	-Inf	-Inf	**395.53**
	runtime	0.01	0.01	0.46	0.51	0.01	0.10	6.65	0.12	0.46	0.16	7.58	5.77	2.55	0.09	0.11	0.12	46.07	11.06	53.28	4.71	3.80	54.83	52.18	1.10	1.42	7.41	30.55	0.53
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.14 GB	0.06 GB	0.06 GB	0.98 GB	0.24 GB
gm76	value	**267.64**	478.02	269.52	269.52	478.02	298.28	298.28	268.51	269.52	269.52	268.51	268.51	277.52	**267.64**	**267.64**	**267.64**	**267.64**	**267.64**	**267.64**	**267.64**	**267.64**	**267.64**	271.60	**267.64**	**267.64**	**267.64**	**267.64**	**267.64**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**267.64**	267.64	267.64	266.40	**267.64**	264.40	267.61	267.63	261.70	255.53	**267.64**	-Inf	-Inf	-Inf	**267.64**
	runtime	0.01	0.01	0.37	0.42	0.00	0.12	4.93	0.11	0.38	0.12	5.77	5.83	5.46	0.16	0.85	0.83	30.39	26.04	28.97	30.53	28.09	30.18	28.49	0.83	1.19	7.19	24.59	0.45
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.11 GB	0.04 GB	0.04 GB	0.72 GB	0.19 GB
gm77	value	**144.29**	190.40	**144.29**	**144.29**	190.40	190.40	190.40	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**144.29**	**144.29**	**144.29**	**144.29**	**144.29**	144.29	**144.29**	**144.29**	143.77	142.77	**144.29**	-Inf	-Inf	-Inf	**144.29**
	runtime	0.00	0.01	0.07	0.10	0.01	0.03	2.45	0.02	0.07	0.02	1.51	0.60	0.34	0.02	0.08	0.08	10.41	0.65	12.87	0.48	0.43	13.50	12.70	0.36	0.57	6.57	6.78	0.29
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.03 GB	0.03 GB	0.03 GB	0.10 GB
gm78	value	**197.98**	681.87	269.62	269.62	681.87	362.93	362.93	238.49	269.62	269.62	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	**197.98**	197.86	197.48	**197.98**	-Inf	-Inf	-Inf	**197.98**
	runtime	0.00	0.00	0.13	0.15	0.00	0.08	0.80	0.07	0.14	0.06	3.10	2.05	1.32	0.05	0.03	0.03	6.35	0.63	11.99	0.58	0.49	14.24	13.74	0.43	1.84	7.85	48.10	0.21
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB	0.07 GB	1.47 GB	0.11 GB
gm79	value	**666.52**	815.79	690.53	690.53	815.79	765.08	742.38	690.53	690.53	690.53	690.35	690.35	690.35	**666.52**	**666.52**	**666.52**	666.87	**666.52**	670.41	**666.52**	**666.52**	671.61	672.57	**666.52**	671.22	666.81	666.81	**666.52**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**666.52**	666.52	666.52	665.00	666.37	660.49	666.51	**666.52**	656.66	625.26	**666.52**	-Inf	-Inf	-Inf	**666.52**
	runtime	0.03	0.02	1.36	1.45	0.02	0.21	8.62	0.34	1.33	0.50	19.22	19.24	18.00	0.88	2.83	2.84	122.01	123.45	119.35	124.22	111.84	122.33	119.76	3.78	3600.00	3600.00	3600.00	1.90
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.30 GB	1.25 GB	1.18 GB	0.55 GB	0.52 GB
gm8	value	558.02	1064.85	605.65	605.65	1064.85	763.50	743.87	605.65	605.65	605.65	576.80	576.80	576.80	**552.31**	**552.31**	**552.31**	**552.31**	**552.31**	**552.31**	**552.31**	**552.31**	555.39	566.48	**552.31**	**552.31**	**552.31**	**552.31**	**552.31**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**552.31**	**552.31**	**552.31**	552.29	**552.31**	552.04	**552.31**	**552.31**	549.69	533.04	**552.31**	-Inf	-Inf	-Inf	**552.31**
	runtime	0.01	0.01	0.44	0.48	0.00	0.15	3.61	0.08	0.44	0.14	7.69	6.49	3.90	0.28	0.43	0.42	43.20	12.79	41.69	6.14	6.67	43.52	40.42	1.56	1721.64	1845.98	33.76	0.66
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.14 GB	0.19 GB	0.19 GB	0.89 GB	0.24 GB
gm80	value	**273.94**	491.31	285.23	285.23	491.31	468.01	281.65	285.23	285.23	285.23	278.68	301.88	278.68	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**	273.97	277.37	**273.94**	**273.94**	**273.94**	**273.94**	**273.94**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**273.94**	**273.94**	**273.94**	273.40	273.94	272.33	273.94	**273.94**	270.16	256.21	**273.94**	-Inf	-Inf	-Inf	**273.94**
	runtime	0.01	0.01	0.22	0.25	0.01	0.05	7.73	0.05	0.22	0.07	4.81	4.81	4.48	0.20	0.46	0.47	24.50	24.70	23.46	7.65	8.69	24.52	23.59	0.76	3.84	9.85	19.37	0.41
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.10 GB	0.10 GB	0.46 GB	0.15 GB
gm81	value	**442.65**	993.21	491.33	491.33	993.21	968.35	968.35	491.33	491.33	491.33	**442.65**	**442.65**	**442.65**	**442.65**	**442.65**	**442.65**	**442.65**	**442.65**	**442.65**	**442.65**	**442.65**	447.67	464.26	**442.65**	**442.65**	**442.65**	**442.65**	**442.65**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**442.65**	**442.65**	**442.65**	442.31	442.64	440.89	**442.65**	**442.65**	437.65	419.84	**442.65**	-Inf	-Inf	-Inf	**442.65**
	runtime	0.01	0.00	0.21	0.24	0.00	0.07	2.59	0.04	0.22	0.07	4.67	4.68	4.27	0.31	0.50	0.51	39.58	39.44	38.10	9.29	18.11	39.23	37.61	1.01	2.17	8.17	23.39	0.45
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.04 GB	0.04 GB	0.67 GB	0.15 GB
gm82	value	**656.37**	1524.13	668.69	668.69	1524.13	1062.93	1062.93	674.37	668.69	674.37	674.29	686.80	674.26	**656.37**	**656.37**	**656.37**	**656.37**	**656.37**	663.06	**656.37**	**656.37**	661.46	671.35	**656.37**	664.28	**656.37**	**656.37**	**656.37**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**656.37**	656.37	656.37	653.80	656.23	646.39	656.30	656.37	642.32	610.83	656.37	-Inf	-Inf	-Inf	656.37
	runtime	0.02	0.01	0.85	0.89	0.00	0.22	6.79	0.10	0.85	0.15	9.07	9.04	8.41	0.57	2.99	3.00	83.41	82.71	80.86	82.23	67.43	81.92	80.77	1.50	5.67	12.87	34.46	0.94
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.16 GB	0.06 GB	0.06 GB	1.05 GB	0.27 GB
gm83	value	**332.45**	706.82	**332.45**	**332.45**	705.90	704.85	671.25	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**	334.60	337.53	**332.45**	**332.45**	**332.45**	**332.45**	**332.45**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**332.45**	**332.45**	**332.45**	332.27	**332.45**	331.98	**332.45**	**332.45**	329.86	319.38	**332.45**	-Inf	-Inf	-Inf	**332.45**
	runtime	0.01	0.01	0.13	0.16	0.00	0.03	1.83	0.03	0.13	0.05	3.05	1.27	0.71	0.10	0.14	0.13	15.49	4.63	14.80	2.59	2.03	15.40	14.72	0.58	2.09	8.09	55.60	0.28
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.09 GB	0.09 GB	1.88 GB	0.12 GB
gm84	value	**494.99**	1214.81	530.58	530.58	1214.81	817.30	802.96	550.96	530.58	550.96	508.90	508.90	508.90	**494.99**	**494.99**	**494.99**	495.37	**494.99**	495.66	**494.99**	**494.99**	495.87	502.90	**494.99**	**494.99**	**494.99**	**494.99**	**494.99**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**494.99**	**494.99**	**494.99**	494.23	**494.99**	490.69	494.99	494.99	487.52	467.18	**494.99**	-Inf	-Inf	-Inf	**494.99**
	runtime	0.01	0.00	0.30	0.34	0.00	0.13	4.02	0.07	0.32	0.11	5.67	4.71	2.61	0.31	0.73	0.75	34.37	30.82	32.93	37.10	32.85	34.60	33.63	0.95	39.58	45.66	31.33	0.63
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.11 GB	0.05 GB	0.05 GB	0.68 GB	0.19 GB
gm85	value	**168.23**	442.06	169.61	169.61	442.06	441.70	262.12	169.61	169.61	169.61	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**	**168.23**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**168.23**	**168.23**	**168.23**	168.23	**168.23**	168.22	**168.23**	**168.23**	167.35	166.94	**168.23**	-Inf	-Inf	-Inf	**168.23**
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	1.92	0.01	0.05	0.02	0.44	0.18	0.10	0.03	0.05	0.05	5.42	2.62	5.27	0.36	0.71	5.44	5.26	0.18	0.80	6.80	24.06	0.14
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.76 GB	0.06 GB
gm86	value	**395.52**	1129.33	395.77	395.77	1129.33	859.71	707.11	395.77	395.77	395.77	395.77	395.77	395.77	**395.52**	**395.52**	**395.52**	**395.52**	**395.52**	**395.52**	**395.52**	**395.52**	396.12	398.67	**395.52**	**395.52**	**395.52**	**395.52**	**395.52**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**395.52**	395.52	395.52	395.40	395.52	394.76	**395.52**	**395.52**	392.02	382.99	**395.52**	-Inf	-Inf	-Inf	**395.52**
	runtime	0.01	0.01	0.30	0.33	0.00	0.09	5.79	0.06	0.29	0.09	5.72	4.66	5.29	0.16	0.38	0.40	34.08	33.92	32.04	13.92	14.06	33.92	31.34	0.89	0.97	6.97	22.46	0.46
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.11 GB	0.04 GB	0.04 GB	0.67 GB	0.19 GB
gm87	value	655.42	1636.30	674.26	674.26	1636.30	1244.31	1129.91	674.26	674.26	674.26	666.88	667.19	667.19	**652.37**	**652.37**	**652.37**	652.61	**652.37**	658.70	**652.37**	**652.37**	660.13	690.59	**652.37**	674.01	**652.37**	**652.37**	**652.37**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**652.37**	**652.37**	**652.37**	650.39	**652.37**	643.49	**652.37**	652.37	642.30	618.13	**652.37**	-Inf	-Inf	-Inf	**652.37**
	runtime	0.02	0.01	0.54	0.59	0.01	0.16	6.49	0.12	0.54	0.18	11.19	11.50	10.27	0.41	0.85	0.85	100.81	75.79	98.97	65.67	87.85	100.02	98.35	2.19	3600.00	3600.01	1112.67	1.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.20 GB	0.48 GB	0.44 GB	1.61 GB	0.34 GB
gm88	value	**173.35**	360.49	173.95	173.95	360.49	194.33	194.33	**173.35**	173.95	173.95	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	**173.35**	173.08	171.38	**173.35**	-Inf	-Inf	-Inf	**173.35**
	runtime	0.01	0.01	0.11	0.12	0.00	0.05	1.19	0.08	0.11	0.08	2.10	0.89	0.40	0.04	0.07	0.07	9.77	1.82	11.44	0.77	0.50	13.56	12.92	0.33	1.26	7.27	22.47	0.26
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	0.72 GB	0.10 GB
gm89	value	**250.20**	299.24	**250.20**	**250.20**	299.24	298.35	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**	**250.20**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**250.20**	**250.20**	**250.20**	250.20	**250.20**	250.18	**250.20**	**250.20**	249.04	245.23	**250.20**	-Inf	-Inf	-Inf	**250.20**
	runtime	0.01	0.02	0.25	0.29	0.01	0.05	5.28	0.06	0.26	0.09	2.78	1.10	0.59	0.05	0.07	0.07	21.82	2.20	20.75	1.15	0.85	21.57	20.05	0.56	2.11	8.09	44.95	0.48
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.09 GB	0.09 GB	1.58 GB	0.14 GB
gm9	value	**606.47**	1038.56	617.11	617.11	1085.25	1000.97	766.99	617.11	617.11	617.11	615.93	616.28	616.28	**606.47**	**606.47**	**606.47**	**606.47**	**606.47**	611.78	**606.47**	**606.47**	611.78	619.80	**606.47**	609.30	**606.47**	**606.47**	**606.47**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**606.47**	**606.47**	**606.47**	605.10	606.41	601.22	606.47	606.47	598.29	580.14	**606.47**	-Inf	-Inf	-Inf	**606.47**
	runtime	0.01	0.02	0.59	0.64	0.01	0.13	11.30	0.16	0.57	0.21	9.62	9.62	8.69	0.49	2.26	2.34	74.45	81.19	74.17	74.76	76.13	78.70	74.66	1.68	350.59	376.48	130.73	1.07
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.17 GB	0.16 GB	0.15 GB	1.49 GB	0.29 GB
gm90	value	**194.03**	502.29	202.53	202.53	502.29	497.05	404.11	202.53	202.53	202.53	202.53	202.53	202.53	**194.03**	**194.03**	**194.03**	**194.03**	**194.03**	**194.03**	**194.03**	**194.03**	194.64	196.10	**194.03**	**194.03**	**194.03**	**194.03**	**194.03**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**194.03**	**194.03**	**194.03**	194.02	**194.03**	193.99	**194.03**	**194.03**	193.39	188.99	**194.03**	-Inf	-Inf	-Inf	**194.03**
	runtime	0.00	0.01	0.11	0.12	0.01	0.03	1.65	0.03	0.11	0.04	2.88	2.87	2.67	0.07	0.08	0.08	16.34	2.13	15.51	1.23	2.13	16.13	15.34	0.41	2.33	8.32	8.37	0.20
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.08 GB	0.08 GB	0.08 GB	0.10 GB
gm91	value	**234.71**	320.24	**234.71**	**234.71**	320.24	253.72	239.65	**234.71**	**234.71**	**234.71**	**234.71**	**234.71**	**234.71**	**234.71**	**234.71**	**234.71**	**234.71**	**234.71**	234.74	**234.71**	**234.71**	234.74	235.05	**234.71**	**234.71**	**234.71**	**234.71**	**234.71**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**234.71**	**234.71**	**234.71**	234.42	234.69	233.91	**234.71**	**234.71**	229.96	223.50	**234.71**	-Inf	-Inf	-Inf	**234.71**
	runtime	0.01	0.02	0.47	0.53	0.01	0.11	3.43	0.28	0.48	0.31	9.90	6.06	9.18	0.63	0.87	0.87	66.73	63.61	62.86	35.49	45.38	63.16	61.31	1.40	2.38	8.38	52.01	0.76
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.19 GB	0.09 GB	0.09 GB	1.91 GB	0.31 GB
gm92	value	**250.81**	562.07	**250.81**	**250.81**	562.07	490.83	411.62	**250.81**	**250.81**	**250.81**	**250.81**	279.37	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**	**250.81**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**250.81**	**250.81**	**250.81**	250.81	**250.81**	250.80	250.81	**250.81**	250.09	248.51	**250.81**	-Inf	-Inf	-Inf	**250.81**
	runtime	0.01	0.00	0.11	0.14	0.00	0.05	21.08	0.02	0.12	0.04	2.43	2.99	2.73	0.06	0.19	0.19	17.18	2.59	16.28	1.49	2.35	17.06	16.24	0.43	3.59	9.63	23.47	0.35
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.13 GB	0.13 GB	0.62 GB	0.11 GB
gm93	value	**454.30**	973.29	469.50	469.50	973.29	636.94	636.94	469.50	469.50	469.50	**454.30**	**454.30**	**454.30**	**454.30**	**454.30**	**454.30**	**454.30**	**454.30**	**454.30**	**454.30**	**454.30**	454.59	461.37	**454.30**	**454.30**	**454.30**	**454.30**	**454.30**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**454.30**	**454.30**	**454.30**	453.89	**454.30**	453.11	**454.30**	**454.30**	448.99	436.62	**454.30**	-Inf	-Inf	-Inf	**454.30**
	runtime	0.02	0.03	0.88	0.98	0.01	0.26	10.63	0.19	0.85	0.28	17.84	17.76	16.44	0.25	1.29	1.26	129.21	50.02	123.36	48.38	31.48	122.25	117.50	2.31	3.28	9.29	65.23	1.31
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.28 GB	0.10 GB	0.10 GB	2.03 GB	0.49 GB
gm94	value	**800.87**	1629.60	861.54	861.54	1629.60	1411.73	1358.28	861.54	861.54	861.54	804.90	804.90	832.48	**800.87**	**800.87**	**800.87**	**800.87**	**800.87**	802.39	**800.87**	**800.87**	804.66	821.65	**800.87**	807.75	801.16	**800.87**	**800.87**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**800.87**	800.87	800.87	800.47	**800.87**	797.60	**800.87**	800.87	794.03	765.39	**800.87**	-Inf	-Inf	-Inf	**800.87**
	runtime	0.02	0.01	0.42	0.47	0.00	0.11	8.28	0.11	0.41	0.14	8.13	5.39	7.28	0.38	0.77	0.78	48.56	30.92	46.52	11.92	23.47	46.89	45.85	2.94	3600.01	3600.00	441.96	0.97
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.15 GB	0.88 GB	0.88 GB	1.33 GB	0.25 GB
gm95	value	568.09	936.50	615.67	615.67	936.50	716.76	633.86	597.86	615.67	597.86	573.24	573.24	586.31	**567.51**	**567.51**	**567.51**	**567.51**	**567.51**	**567.51**	**567.51**	**567.51**	569.80	594.07	**567.51**	582.87	**567.51**	**567.51**	**567.51**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**567.51**	567.51	567.51	565.99	**567.51**	562.37	567.51	567.51	559.54	537.98	**567.51**	-Inf	-Inf	-Inf	**567.51**
	runtime	0.81	0.01	0.96	1.02	0.01	0.12	4.57	0.30	0.99	0.33	8.04	5.13	5.99	0.66	1.78	1.77	47.16	38.68	44.42	46.87	44.36	46.39	44.04	3.60	3600.00	1322.71	57.49	1.32
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.14 GB	1.13 GB	0.46 GB	0.94 GB	0.24 GB
gm96	value	**856.39**	1116.49	875.47	875.47	1116.49	1092.37	919.62	875.77	875.47	875.77	869.89	869.89	869.89	**856.39**	**856.39**	**856.39**	**856.39**	**856.39**	857.44	**856.39**	**856.39**	862.89	878.08	**856.39**	869.89	**856.39**	**856.39**	**856.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**856.39**	**856.39**	**856.39**	854.98	**856.39**	851.17	**856.39**	**856.39**	847.40	829.24	**856.39**	-Inf	-Inf	-Inf	**856.39**
	runtime	0.03	0.03	2.08	2.14	0.02	0.14	10.51	0.55	2.06	0.72	20.21	20.10	18.42	0.65	2.83	2.84	134.65	105.48	130.25	58.52	54.02	130.45	123.03	3.46	3600.00	3600.00	3600.01	1.92
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.02 GB	0.33 GB	1.08 GB	0.62 GB	1.67 GB	0.57 GB
gm97	value	**488.74**	710.10	495.13	495.13	710.10	695.06	695.06	495.13	495.13	495.13	**488.74**	491.86	517.62	**488.74**	**488.74**	**488.74**	**488.74**	**488.74**	**488.74**	**488.74**	**488.74**	489.06	500.50	**488.74**	**488.74**	**488.74**	**488.74**	**488.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**488.74**	488.74	488.74	488.16	**488.74**	486.98	488.74	**488.74**	483.90	468.96	**488.74**	-Inf	-Inf	-Inf	**488.74**
	runtime	0.01	0.00	0.30	0.35	0.00	0.09	5.44	0.06	0.29	0.10	6.72	6.62	6.06	0.30	1.25	1.26	53.76	43.65	52.16	37.12	23.16	52.03	49.73	1.13	1.66	7.66	23.86	0.91
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.13 GB	0.05 GB	0.05 GB	0.71 GB	0.23 GB
gm98	value	**415.82**	652.76	422.86	422.86	652.76	648.21	639.03	422.86	422.86	422.86	**415.82**	**415.82**	**415.82**	**415.82**	**415.82**	**415.82**	**415.82**	**415.82**	**415.82**	**415.82**	**415.82**	417.47	422.82	**415.82**	**415.82**	**415.82**	**415.82**	**415.82**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**415.82**	**415.82**	**415.82**	415.79	**415.82**	414.02	**415.82**	**415.82**	411.45	396.80	**415.82**	-Inf	-Inf	-Inf	**415.82**
	runtime	0.01	0.01	0.30	0.33	0.01	0.04	2.17	0.09	0.31	0.11	3.79	1.57	3.76	0.18	0.35	0.35	20.82	5.01	19.84	6.12	4.24	20.63	20.01	0.80	2.86	8.87	54.52	0.43
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.12 GB	0.12 GB	1.86 GB	0.14 GB
gm99	value	**484.67**	1197.99	506.38	506.38	1197.99	1186.82	703.08	506.38	506.38	506.38	491.48	491.48	491.48	**484.67**	**484.67**	**484.67**	**484.67**	**484.67**	**484.67**	**484.67**	**484.67**	**484.67**	486.97	**484.67**	**484.67**	**484.67**	**484.67**	**484.67**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**484.67**	**484.67**	**484.67**	484.67	**484.67**	484.15	**484.67**	**484.67**	482.28	476.78	**484.67**	-Inf	-Inf	-Inf	**484.67**
	runtime	0.01	0.00	0.44	0.46	0.01	0.04	5.65	0.10	0.44	0.15	5.36	2.24	1.38	0.16	0.30	0.32	26.77	4.78	25.23	2.79	1.68	26.28	25.32	0.98	2.19	7.48	24.26	0.55
	memory (GB)	0.01 GB	0.00 GB	0.01 GB	0.01 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.05 GB	0.04 GB	0.72 GB	0.20 GB
mean energy		477.83	839.28	498.45	498.44	838.32	692.68	620.56	498.14	498.43	498.50	485.86	486.68	487.17	476.95	477.04	477.02	477.08	476.95	479.02	476.95	477.28	479.37	488.41	476.95	479.82	477.10	477.11	476.95
mean bound		-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	476.94	476.94	476.95	476.10	476.86	473.05	476.91	476.76	470.50	452.65	476.94	-Inf	-Inf	-Inf	476.95
mean runtime		0.02	0.01	0.60	0.65	0.01	0.12	9.45	0.37	0.60	0.33	8.07	7.42	6.85	0.55	1.31	1.43	53.41	41.45	52.38	32.29	29.96	53.63	52.14	2.74	973.62	957.11	685.84	0.95
best value		85.67	2.67	22.00	22.00	2.67	4.67	9.00	23.00	22.33	22.00	42.67	40.00	38.00	98.67	92.67	94.00	87.00	99.67	54.67	99.33	98.00	37.33	17.33	99.67	71.33	89.00	89.67	100.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.67	64.00	65.00	7.00	60.00	4.67	69.00	70.33	0.67	0.33	95.33	0.00	0.00	0.00	95.67
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.67	65.00	66.00	7.33	60.00	4.67	79.33	82.00	0.67	0.33	99.67	0.00	0.00	0.00	100.00

Table 12: image-seg-3rdorder

image-seg-3rdorder		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
101085.bmp	value	7610.70	7603.92	6930.97	6930.97	6930.97	**6718.03**	**6718.03**	**6718.03**
	bound	-Inf	-Inf	6514.43	6514.43	6514.43	**6718.03**	**6718.03**	**6718.03**
	runtime	7.17	2.52	3.50	2.77	3.01	14.08	21.13	25.48
	memory (GB)	0.01 GB	0.01 GB	0.14 GB	0.14 GB	0.14 GB	0.33 GB	0.36 GB	0.36 GB
101087.bmp	value	3863.15	3863.15	3584.13	3584.13	3587.76	**3476.75**	**3476.75**	**3476.75**
	bound	-Inf	-Inf	3385.10	3385.10	3385.11	**3476.75**	**3476.75**	**3476.75**
	runtime	2.02	0.68	7.19	6.83	6.21	7.70	7.03	7.08
	memory (GB)	0.01 GB	0.01 GB	0.08 GB	0.08 GB	0.08 GB	0.17 GB	0.19 GB	0.19 GB
102061.bmp	value	4256.45	4256.45	4070.68	4070.68	4070.68	**3894.87**	**3894.87**	**3894.87**
	bound	-Inf	-Inf	3721.83	3721.83	3721.83	**3894.87**	**3894.87**	**3894.87**
	runtime	2.31	0.88	1.17	0.98	1.06	12.00	18.16	19.04
	memory (GB)	0.01 GB	0.01 GB	0.08 GB	0.08 GB	0.08 GB	0.20 GB	0.20 GB	0.20 GB
103070.bmp	value	5553.07	5553.07	5369.09	5369.09	5369.09	**5224.05**	**5224.05**	**5224.05**
	bound	-Inf	-Inf	5057.54	5057.54	5057.54	**5224.05**	**5224.05**	**5224.05**
	runtime	3.74	1.23	11.03	7.82	9.05	44.29	43.56	38.80
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.11 GB	0.11 GB	0.27 GB	0.28 GB	0.28 GB
105025.bmp	value	7621.13	7619.42	7426.46	7425.20	7425.20	**7216.97**	**7216.97**	**7216.97**
	bound	-Inf	-Inf	7055.05	7055.05	7055.25	**7216.97**	**7216.97**	**7216.97**
	runtime	7.34	2.44	52.28	40.67	39.01	80.03	29.34	32.85
	memory (GB)	0.01 GB	0.01 GB	0.16 GB	0.15 GB	0.15 GB	0.35 GB	0.39 GB	0.39 GB
106024.bmp	value	1993.14	1993.14	2053.21	2053.21	2053.21	**1945.82**	**1945.82**	**1945.82**
	bound	-Inf	-Inf	1903.68	1903.68	1903.68	**1945.82**	**1945.82**	**1945.82**
	runtime	0.61	0.20	2.13	1.63	1.76	3.19	6.88	6.60
	memory (GB)	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	0.10 GB	0.11 GB	0.11 GB
108005.bmp	value	9354.28	9351.23	9087.20	9084.81	9084.81	**8784.54**	**8784.54**	**8784.54**
	bound	-Inf	-Inf	8496.68	8496.68	8496.68	**8784.54**	**8784.54**	**8784.54**
	runtime	12.89	4.75	5.06	3.65	4.42	21.82	18.29	18.44
	memory (GB)	0.01 GB	0.01 GB	0.17 GB	0.17 GB	0.17 GB	0.41 GB	0.44 GB	0.43 GB
108070.bmp	value	10999.22	10997.34	10683.85	10683.85	10683.85	**10376.90**	**10376.90**	**10376.90**
	bound	-Inf	-Inf	10054.61	10054.61	10054.61	**10376.90**	**10376.90**	**10376.90**
	runtime	16.24	5.41	36.68	22.28	23.87	101.28	52.23	64.10
	memory (GB)	0.01 GB	0.01 GB	0.21 GB	0.21 GB	0.21 GB	0.54 GB	0.55 GB	0.55 GB
108082.bmp	value	6697.89	6696.91	6400.58	6399.77	6399.77	**6164.81**	**6164.81**	**6164.81**
	bound	-Inf	-Inf	5941.16	5941.16	5941.45	**6164.81**	**6164.81**	**6164.81**
	runtime	5.68	2.01	11.76	9.85	11.36	23.91	31.62	30.54
	memory (GB)	0.01 GB	0.01 GB	0.13 GB	0.13 GB	0.13 GB	0.30 GB	0.32 GB	0.32 GB
109053.bmp	value	5991.21	5991.21	5942.63	5942.63	5942.63	**5667.71**	**5667.71**	**5667.71**
	bound	-Inf	-Inf	5439.80	5439.80	5439.80	**5667.71**	**5667.71**	**5667.71**
	runtime	4.31	1.47	11.76	8.21	8.76	43.90	31.02	33.38
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.12 GB	0.12 GB	0.30 GB	0.30 GB	0.30 GB
119082.bmp	value	6757.99	6756.21	6381.36	6381.36	6381.36	**6161.48**	**6161.48**	**6161.48**
	bound	-Inf	-Inf	5961.30	5961.30	5961.62	**6161.48**	**6161.48**	**6161.48**
	runtime	6.79	2.51	0.94	0.93	1.08	15.21	14.87	18.53
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.12 GB	0.12 GB	0.30 GB	0.31 GB	0.29 GB
12084.bmp	value	10317.71	10326.25	9846.82	9846.82	9846.53	**9614.53**	**9614.53**	**9614.53**
	bound	-Inf	-Inf	9372.90	9372.90	9373.23	**9614.53**	**9614.53**	**9614.53**
	runtime	19.10	7.01	4.60	3.66	4.22	28.42	30.29	37.93
	memory (GB)	0.01 GB	0.01 GB	0.18 GB	0.18 GB	0.18 GB	0.49 GB	0.48 GB	0.49 GB
123074.bmp	value	4775.48	4775.48	4728.78	4728.78	4728.78	**4589.79**	**4589.79**	**4589.79**
	bound	-Inf	-Inf	4482.60	4482.60	4482.61	**4589.79**	**4589.79**	**4589.79**
	runtime	2.78	0.84	41.79	25.14	27.51	54.05	74.67	90.17
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.10 GB	0.10 GB	0.24 GB	0.26 GB	0.26 GB
126007.bmp	value	3844.21	3844.14	3710.68	3710.68	3710.68	**3613.57**	**3613.57**	**3613.57**
	bound	-Inf	-Inf	3501.20	3501.20	3502.18	**3613.57**	**3613.57**	**3613.57**
	runtime	2.36	0.87	0.64	0.61	0.72	4.26	4.94	4.90
	memory (GB)	0.01 GB	0.01 GB	0.07 GB	0.07 GB	0.07 GB	0.17 GB	0.17 GB	0.17 GB
130026.bmp	value	6802.29	6780.83	6703.11	6757.35	6757.35	**6496.35**	**6496.35**	**6496.35**
	bound	-Inf	-Inf	6321.76	6321.76	6321.76	**6496.35**	**6496.35**	**6496.35**
	runtime	6.83	2.26	100.52	64.24	72.52	143.39	88.36	80.78
	memory (GB)	0.01 GB	0.01 GB	0.15 GB	0.15 GB	0.15 GB	0.33 GB	0.36 GB	0.35 GB
134035.bmp	value	9134.98	9117.69	8956.43	8960.25	8960.25	**8704.63**	**8704.63**	**8704.63**
	bound	-Inf	-Inf	8520.64	8520.64	8520.89	**8704.63**	**8704.63**	**8704.63**
	runtime	14.28	5.10	49.47	41.26	45.38	73.80	29.28	30.68
	memory (GB)	0.01 GB	0.01 GB	0.17 GB	0.17 GB	0.17 GB	0.41 GB	0.45 GB	0.43 GB
14037.bmp	value	1851.05	1849.67	1799.90	1799.90	1800.38	**1744.11**	**1744.11**	**1744.11**
	bound	-Inf	-Inf	1705.79	1705.79	1706.02	**1744.11**	**1744.11**	**1744.11**
	runtime	0.48	0.17	3.42	1.94	2.23	3.30	3.09	3.00
	memory (GB)	0.01 GB	0.01 GB	0.05 GB	0.04 GB	0.04 GB	0.09 GB	0.10 GB	0.09 GB
143090.bmp	value	2601.33	2601.33	2399.47	2399.47	2399.47	**2243.49**	**2243.49**	**2243.49**
	bound	-Inf	-Inf	2170.85	2170.85	2170.85	**2243.49**	**2243.49**	**2243.49**
	runtime	0.63	0.22	1.25	0.87	0.95	8.15	5.06	5.28
	memory (GB)	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	0.12 GB	0.12 GB	0.12 GB
145086.bmp	value	4616.06	4616.06	4284.69	4309.30	4309.30	**4149.22**	**4149.22**	**4149.22**
	bound	-Inf	-Inf	4057.87	4057.87	4057.88	**4149.22**	**4149.22**	**4149.22**
	runtime	3.74	1.35	1.10	0.76	0.88	9.19	12.15	5.15
	memory (GB)	0.01 GB	0.01 GB	0.09 GB	0.09 GB	0.09 GB	0.22 GB	0.24 GB	0.24 GB
147091.bmp	value	5321.15	5321.15	5189.59	5190.72	5190.72	**4965.09**	**4965.09**	**4965.09**
	bound	-Inf	-Inf	4805.19	4805.19	4805.19	**4965.09**	**4965.09**	**4965.09**
	runtime	3.48	1.21	7.35	5.35	5.23	14.72	15.95	14.16
	memory (GB)	0.01 GB	0.01 GB	0.10 GB	0.10 GB	0.10 GB	0.24 GB	0.26 GB	0.26 GB
148026.bmp	value	11352.12	11355.52	10862.36	10862.36	10863.32	**10578.90**	**10578.90**	**10578.90**
	bound	-Inf	-Inf	10290.31	10290.31	10290.78	**10578.90**	**10578.90**	**10578.90**
	runtime	20.07	7.35	4.95	3.61	4.15	24.38	30.19	29.19
	memory (GB)	0.01 GB	0.01 GB	0.21 GB	0.20 GB	0.21 GB	0.52 GB	0.52 GB	0.52 GB
148089.bmp	value	8730.93	8731.11	8526.22	8526.22	8526.22	**8195.57**	**8195.57**	**8195.57**
	bound	-Inf	-Inf	7910.51	7910.51	7910.51	**8195.57**	**8195.57**	**8195.57**
	runtime	12.26	4.23	34.64	22.23	23.85	43.62	21.52	23.42
	memory (GB)	0.01 GB	0.01 GB	0.16 GB	0.16 GB	0.16 GB	0.39 GB	0.43 GB	0.43 GB
156065.bmp	value	6786.38	6786.38	6702.62	6702.62	6702.62	**6421.54**	**6421.54**	**6421.54**
	bound	-Inf	-Inf	6265.73	6265.73	6265.73	**6421.54**	**6421.54**	**6421.54**
	runtime	6.31	2.24	56.33	37.14	40.40	66.04	44.77	38.33
	memory (GB)	0.01 GB	0.01 GB	0.15 GB	0.14 GB	0.14 GB	0.33 GB	0.36 GB	0.36 GB
157055.bmp	value	6375.46	6384.05	6041.59	6041.59	6041.59	**5890.28**	**5890.28**	**5890.28**
	bound	-Inf	-Inf	5781.03	5781.03	5781.20	**5890.28**	**5890.28**	**5890.28**
	runtime	6.64	2.39	2.82	2.54	2.65	10.52	11.15	11.63
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.12 GB	0.12 GB	0.29 GB	0.29 GB	0.30 GB
159008.bmp	value	6901.52	6900.83	6400.54	6400.54	6409.09	**6176.19**	**6176.19**	**6176.19**
	bound	-Inf	-Inf	5958.96	5958.96	5958.99	**6176.19**	**6176.19**	**6176.19**
	runtime	6.57	2.39	3.61	2.89	3.29	16.96	18.64	18.01
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.12 GB	0.12 GB	0.30 GB	0.32 GB	0.32 GB
160068.bmp	value	4453.72	4453.72	4227.94	4229.47	4229.47	**4130.10**	**4130.10**	**4130.10**
	bound	-Inf	-Inf	4015.72	4015.72	4015.86	**4130.10**	**4130.10**	**4130.10**
	runtime	2.95	1.04	3.06	2.14	2.32	7.31	5.30	5.55
	memory (GB)	0.01 GB	0.01 GB	0.09 GB	0.08 GB	0.09 GB	0.20 GB	0.20 GB	0.20 GB
16077.bmp	value	6218.05	6223.63	5742.43	5742.43	5742.43	**5542.57**	**5542.57**	**5542.57**
	bound	-Inf	-Inf	5363.95	5363.95	5363.95	**5542.57**	**5542.57**	**5542.57**
	runtime	4.93	1.69	2.64	1.87	1.84	9.29	12.23	13.15
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.11 GB	0.11 GB	0.27 GB	0.27 GB	0.28 GB
163085.bmp	value	5835.01	5834.91	5846.64	5846.64	5866.08	**5547.78**	**5547.78**	**5547.78**
	bound	-Inf	-Inf	5334.24	5334.24	5334.40	**5547.78**	**5547.78**	**5547.78**
	runtime	4.11	1.44	11.40	8.89	9.09	26.19	18.29	21.78
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.11 GB	0.11 GB	0.28 GB	0.28 GB	0.28 GB
167062.bmp	value	1561.26	1561.26	1498.21	1497.46	1497.46	**1468.58**	**1468.58**	**1468.58**
	bound	-Inf	-Inf	1451.59	1451.59	1451.59	**1468.58**	1468.34	**1468.58**
	runtime	0.55	0.18	0.26	0.19	0.21	1.15	2.22	1.68
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.09 GB	0.09 GB	0.10 GB
167083.bmp	value	10925.98	10927.48	10492.60	10492.60	10492.60	**10154.37**	**10154.37**	**10154.37**
	bound	-Inf	-Inf	9932.48	9932.48	9932.60	**10154.37**	**10154.37**	**10154.37**
	runtime	16.96	6.08	151.42	103.51	103.50	160.52	39.81	30.49
	memory (GB)	0.01 GB	0.01 GB	0.23 GB	0.22 GB	0.22 GB	0.50 GB	0.52 GB	0.52 GB
170057.bmp	value	4216.62	4216.62	4100.49	4100.49	4100.49	**3979.26**	**3979.26**	**3979.26**
	bound	-Inf	-Inf	3888.03	3888.03	3888.20	**3979.26**	**3979.26**	**3979.26**
	runtime	2.29	0.77	29.64	19.79	19.95	36.66	14.89	12.05
	memory (GB)	0.01 GB	0.01 GB	0.10 GB	0.09 GB	0.09 GB	0.19 GB	0.23 GB	0.22 GB

image-seg-3rdorder		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
175032.bmp	value	14891.13	14890.05	14817.63	14822.81	14822.81	**14308.78**	**14308.78**	**14308.78**
	bound	-Inf	-Inf	13795.98	13795.98	13796.05	**14308.78**	**14308.78**	**14308.78**
	runtime	24.24	8.48	46.41	33.90	34.35	110.92	198.21	126.37
	memory (GB)	0.01 GB	0.01 GB	0.28 GB	0.27 GB	0.27 GB	0.68 GB	0.73 GB	0.72 GB
175043.bmp	value	11607.00	11608.12	10962.21	10962.29	10967.39	**10550.85**	**10550.85**	**10550.85**
	bound	-Inf	-Inf	10160.89	10160.89	10161.44	**10550.85**	**10550.85**	**10550.85**
	runtime	16.24	6.28	4.02	3.21	3.66	46.97	42.94	56.81
	memory (GB)	0.01 GB	0.01 GB	0.20 GB	0.20 GB	0.20 GB	0.50 GB	0.47 GB	0.51 GB
182053.bmp	value	5117.85	5117.85	4896.95	4896.95	4896.95	**4686.72**	**4686.72**	**4686.72**
	bound	-Inf	-Inf	4528.10	4528.10	4528.14	**4686.72**	**4686.72**	**4686.72**
	runtime	3.32	1.15	17.74	10.28	10.84	23.12	21.99	18.17
	memory (GB)	0.01 GB	0.01 GB	0.10 GB	0.10 GB	0.10 GB	0.20 GB	0.24 GB	0.24 GB
189080.bmp	value	1622.79	1622.79	1431.07	1431.07	1431.07	**1401.79**	**1401.79**	**1401.79**
	bound	-Inf	-Inf	1366.44	1366.44	1366.45	**1401.79**	**1401.79**	**1401.79**
	runtime	0.30	0.11	0.97	0.62	0.67	1.80	2.47	2.37
	memory (GB)	0.00 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.07 GB	0.07 GB	0.07 GB
19021.bmp	value	5830.52	5830.52	5790.58	5790.58	5790.58	**5638.99**	**5638.99**	**5638.99**
	bound	-Inf	-Inf	5497.59	5497.59	5498.36	**5638.99**	**5638.99**	**5638.99**
	runtime	5.49	2.02	20.59	10.02	10.31	28.64	10.53	10.28
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.12 GB	0.12 GB	0.28 GB	0.31 GB	0.30 GB
196073.bmp	value	732.21	732.21	720.01	720.01	720.01	**698.90**	**698.90**	**698.90**
	bound	-Inf	-Inf	677.82	677.82	677.82	**698.90**	**698.90**	**698.90**
	runtime	0.08	0.03	0.24	0.20	0.19	0.43	0.86	0.87
	memory (GB)	0.00 GB	0.00 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
197017.bmp	value	4079.97	4079.97	3745.40	3745.40	3745.40	**3651.46**	**3651.46**	**3651.46**
	bound	-Inf	-Inf	3581.92	3581.92	3582.12	**3651.46**	**3651.46**	**3651.46**
	runtime	2.54	0.89	0.80	0.87	0.90	3.43	6.06	5.27
	memory (GB)	0.01 GB	0.01 GB	0.08 GB	0.08 GB	0.08 GB	0.19 GB	0.19 GB	0.18 GB
208001.bmp	value	8297.17	8297.34	7931.54	7931.54	7948.57	**7700.92**	**7700.92**	**7700.92**
	bound	-Inf	-Inf	7499.60	7499.60	7499.61	**7700.92**	**7700.92**	**7700.92**
	runtime	8.70	2.96	46.29	43.51	39.88	75.32	53.87	40.28
	memory (GB)	0.01 GB	0.01 GB	0.17 GB	0.16 GB	0.16 GB	0.38 GB	0.41 GB	0.41 GB
210088.bmp	value	3099.16	3082.04	2915.45	2915.45	2915.45	**2751.54**	**2751.54**	**2751.54**
	bound	-Inf	-Inf	2600.70	2600.70	2600.73	**2751.54**	**2751.54**	**2751.54**
	runtime	1.25	0.47	0.42	0.28	0.35	3.51	2.79	4.23
	memory (GB)	0.01 GB	0.01 GB	0.05 GB	0.06 GB	0.06 GB	0.13 GB	0.13 GB	0.13 GB
21077.bmp	value	4214.97	4210.50	4019.69	4019.69	4019.69	**3872.10**	**3872.10**	**3872.10**
	bound	-Inf	-Inf	3774.92	3774.92	3774.93	**3872.10**	**3872.10**	**3872.10**
	runtime	3.08	1.12	1.41	0.66	0.72	3.13	4.90	4.47
	memory (GB)	0.01 GB	0.01 GB	0.08 GB	0.08 GB	0.08 GB	0.19 GB	0.19 GB	0.18 GB
216081.bmp	value	5876.26	5876.26	5631.37	5631.37	5631.37	**5466.11**	**5466.11**	**5466.11**
	bound	-Inf	-Inf	5315.32	5315.32	5315.36	**5466.11**	**5466.11**	**5466.11**
	runtime	6.14	2.20	1.45	0.95	1.05	12.37	13.17	11.15
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.11 GB	0.11 GB	0.30 GB	0.29 GB	0.28 GB
219090.bmp	value	3616.48	3615.69	3371.59	3371.59	3371.59	**3254.91**	**3254.91**	**3254.91**
	bound	-Inf	-Inf	3171.79	3171.79	3171.89	**3254.91**	**3254.91**	**3254.91**
	runtime	2.05	0.93	0.54	0.44	0.51	2.03	3.76	3.39
	memory (GB)	0.01 GB	0.01 GB	0.07 GB	0.07 GB	0.07 GB	0.15 GB	0.17 GB	0.16 GB
220075.bmp	value	4236.69	4236.69	4186.59	4186.59	4186.59	**4053.27**	**4053.27**	**4053.27**
	bound	-Inf	-Inf	3968.77	3968.77	3968.77	**4053.27**	**4053.27**	**4053.27**
	runtime	3.49	1.23	0.74	0.65	0.65	4.92	8.68	7.03
	memory (GB)	0.01 GB	0.01 GB	0.09 GB	0.08 GB	0.08 GB	0.21 GB	0.21 GB	0.20 GB
223061.bmp	value	8251.84	8251.84	8349.74	8355.98	8361.31	**8014.57**	**8014.57**	**8014.57**
	bound	-Inf	-Inf	7740.15	7740.15	7740.28	**8014.57**	**8014.57**	**8014.57**
	runtime	7.73	2.73	117.74	53.42	56.60	402.03	237.45	188.65
	memory (GB)	0.01 GB	0.01 GB	0.17 GB	0.16 GB	0.16 GB	0.40 GB	0.42 GB	0.42 GB
227092.bmp	value	2391.25	2391.25	2553.18	2553.18	2553.97	**2348.54**	**2348.54**	**2348.54**
	bound	-Inf	-Inf	2316.22	2316.22	2316.43	**2348.54**	**2348.54**	**2348.54**
	runtime	0.69	0.24	11.78	8.29	8.98	11.79	6.42	6.18
	memory (GB)	0.01 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	0.11 GB	0.12 GB	0.12 GB
229036.bmp	value	8209.10	8150.11	7751.35	7751.70	7751.70	**7591.09**	**7591.09**	**7591.09**
	bound	-Inf	-Inf	7420.39	7420.39	7420.39	**7591.09**	**7591.09**	**7591.09**
	runtime	10.27	3.64	9.66	6.00	6.31	27.15	34.75	21.91
	memory (GB)	0.01 GB	0.01 GB	0.15 GB	0.15 GB	0.15 GB	0.37 GB	0.40 GB	0.41 GB
236037.bmp	value	12372.18	12372.18	12020.04	12020.04	12020.04	**11524.52**	**11524.52**	**11524.52**
	bound	-Inf	-Inf	11063.51	11063.51	11063.87	**11524.52**	**11524.52**	**11524.52**
	runtime	16.94	6.04	14.00	10.33	11.49	89.83	103.89	95.01
	memory (GB)	0.01 GB	0.01 GB	0.22 GB	0.22 GB	0.22 GB	0.55 GB	0.57 GB	0.57 GB
24077.bmp	value	6743.19	6748.08	6521.41	6521.41	6521.41	**6346.66**	**6346.66**	**6346.66**
	bound	-Inf	-Inf	6153.39	6153.39	6153.80	**6346.66**	**6346.66**	**6346.66**
	runtime	8.41	3.00	2.29	1.63	1.76	11.43	21.77	19.79
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.13 GB	0.13 GB	0.30 GB	0.32 GB	0.31 GB
241004.bmp	value	1603.06	1603.06	1466.27	1466.27	1466.27	**1409.45**	**1409.45**	**1409.45**
	bound	-Inf	-Inf	1363.74	1363.74	1363.77	**1409.45**	**1409.45**	**1409.45**
	runtime	0.24	0.09	1.06	0.54	0.58	1.24	2.46	2.01
	memory (GB)	0.00 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.07 GB	0.08 GB	0.08 GB
241048.bmp	value	6632.04	6619.27	6334.57	6334.57	6334.94	**6113.51**	**6113.51**	**6113.51**
	bound	-Inf	-Inf	5890.94	5890.94	5891.19	**6113.51**	**6113.51**	**6113.51**
	runtime	6.01	2.08	7.18	4.73	5.24	38.18	39.52	37.25
	memory (GB)	0.01 GB	0.01 GB	0.13 GB	0.12 GB	0.12 GB	0.32 GB	0.33 GB	0.33 GB
253027.bmp	value	9391.70	9389.95	9237.09	9237.09	9237.09	**8980.35**	**8980.35**	**8980.35**
	bound	-Inf	-Inf	8699.74	8699.74	8699.74	**8980.35**	**8980.35**	**8980.35**
	runtime	13.37	5.07	8.60	5.02	5.73	43.57	40.04	39.46
	memory (GB)	0.01 GB	0.01 GB	0.16 GB	0.16 GB	0.16 GB	0.45 GB	0.45 GB	0.44 GB
253055.bmp	value	2134.63	2138.86	1997.95	1996.72	1996.72	**1938.17**	**1938.17**	**1938.17**
	bound	-Inf	-Inf	1885.58	1885.58	1885.58	**1938.17**	**1938.17**	**1938.17**
	runtime	0.68	0.25	0.46	0.44	0.40	1.48	1.88	1.82
	memory (GB)	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	0.10 GB	0.10 GB	0.10 GB
260058.bmp	value	1371.15	1371.15	1294.11	1294.11	1294.11	**1266.50**	**1266.50**	**1266.50**
	bound	-Inf	-Inf	1250.06	1250.06	1250.16	**1266.50**	**1266.50**	**1266.50**
	runtime	0.30	0.10	0.17	0.15	0.18	0.46	0.44	0.46
	memory (GB)	0.00 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.07 GB	0.07 GB	0.07 GB
271035.bmp	value	5281.75	5282.47	5002.42	5002.42	4997.92	**4842.27**	**4842.27**	**4842.27**
	bound	-Inf	-Inf	4657.22	4657.22	4657.26	**4842.27**	**4842.27**	**4842.27**
	runtime	4.04	1.54	1.94	1.59	1.49	6.07	9.18	8.86
	memory (GB)	0.01 GB	0.01 GB	0.10 GB	0.10 GB	0.09 GB	0.24 GB	0.24 GB	0.24 GB
285079.bmp	value	7605.83	7604.16	7309.07	7309.07	7309.07	**7129.11**	**7129.11**	**7129.11**
	bound	-Inf	-Inf	7000.93	7000.93	7000.93	**7129.11**	**7129.11**	**7129.11**
	runtime	9.08	3.32	11.49	6.77	7.22	21.94	21.06	22.12
	memory (GB)	0.01 GB	0.01 GB	0.15 GB	0.15 GB	0.15 GB	0.38 GB	0.38 GB	0.38 GB
291000.bmp	value	12231.92	12280.89	11984.76	11984.76	11984.76	**11733.23**	**11733.23**	**11733.23**
	bound	-Inf	-Inf	11520.86	11520.86	11520.90	**11733.23**	**11733.23**	**11733.23**
	runtime	23.05	7.10	449.02	303.19	292.11	373.35	39.22	39.77
	memory (GB)	0.01 GB	0.01 GB	0.28 GB	0.26 GB	0.26 GB	0.58 GB	0.66 GB	0.60 GB
295087.bmp	value	5789.47	5789.47	5632.31	5632.31	5632.31	**5454.06**	**5454.06**	**5454.06**
	bound	-Inf	-Inf	5303.58	5303.58	5303.64	**5454.06**	**5454.06**	**5454.06**
	runtime	5.26	1.81	8.56	4.96	4.95	9.47	16.51	15.82
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.11 GB	0.12 GB	0.27 GB	0.29 GB	0.29 GB
296007.bmp	value	3185.94	3185.94	2995.22	2995.22	2995.22	**2893.59**	**2893.59**	**2893.59**
	bound	-Inf	-Inf	2816.48	2816.48	2816.48	**2893.59**	**2893.59**	**2893.59**
	runtime	1.32	0.47	14.28	6.57	8.03	12.48	11.33	13.96
	memory (GB)	0.01 GB	0.01 GB	0.07 GB	0.07 GB	0.07 GB	0.13 GB	0.15 GB	0.16 GB
296059.bmp	value	2907.59	2907.59	2824.15	2824.15	2824.15	**2605.03**	**2605.03**	**2605.03**
	bound	-Inf	-Inf	2544.26	2544.26	2544.30	**2605.03**	**2605.03**	**2605.03**
	runtime	1.04	0.38	9.02	5.09	5.48	8.58	16.99	12.87
	memory (GB)	0.01 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	0.12 GB	0.14 GB	0.14 GB
299086.bmp	value	2376.95	2374.83	2251.88	2251.88	2251.88	**2140.12**	**2140.12**	**2140.12**
	bound	-Inf	-Inf	2053.12	2053.12	2053.12	**2140.12**	**2140.12**	**2140.12**
	runtime	0.73	0.28	0.31	0.25	0.25	3.70	4.00	4.93
	memory (GB)	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	0.11 GB	0.11 GB	0.11 GB
300091.bmp	value	1843.95	1843.95	1789.14	1789.14	1789.14	**1773.02**	**1773.02**	**1773.02**
	bound	-Inf	-Inf	1736.95	1736.95	1737.24	**1773.02**	**1773.02**	**1773.02**
	runtime	0.70	0.25	1.18	0.62	0.76	1.66	1.63	1.65
	memory (GB)	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.05 GB	0.10 GB	0.10 GB	0.10 GB
302008.bmp	value	4058.87	4058.44	4004.73	4004.73	4004.73	**3894.06**	**3894.06**	**3894.06**
	bound	-Inf	-Inf	3848.64	3848.64	3848.64	**3894.06**	**3894.06**	**3894.06**
	runtime	3.36	1.16	0.75	0.52	0.51	2.67	9.97	8.87
	memory (GB)	0.01 GB	0.01 GB	0.08 GB	0.08 GB	0.08 GB	0.16 GB	0.20 GB	0.20 GB
304034.bmp	value	10307.89	10307.62	9963.05	9963.14	9963.14	**9709.10**	**9709.10**	**9709.10**
	bound	-Inf	-Inf	9403.84	9403.84	9404.05	**9709.10**	**9709.10**	**9709.10**
	runtime	14.08	4.85	78.54	65.42	64.19	123.24	67.49	55.83
	memory (GB)	0.01 GB	0.01 GB	0.20 GB	0.20 GB	0.20 GB	0.47 GB	0.50 GB	0.50 GB
304074.bmp	value	5379.60	5371.20	5070.77	5070.77	5070.77	**4858.51**	**4858.51**	**4858.51**
	bound	-Inf	-Inf	4756.16	4756.16	4756.16	**4858.51**	**4858.51**	**4858.51**
	runtime	4.18	1.61	3.09	2.59	2.70	11.78	22.62	23.54
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.10 GB	0.10 GB	0.25 GB	0.28 GB	0.28 GB
306005.bmp	value	5536.24	5536.24	5497.09	5497.09	5497.09	**5286.09**	**5286.09**	**5286.09**
	bound	-Inf	-Inf	5132.15	5132.15	5132.15	**5286.09**	**5286.09**	**5286.09**
	runtime	4.00	1.39	5.63	6.45	6.09	20.65	20.99	14.97
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.11 GB	0.11 GB	0.28 GB	0.29 GB	0.29 GB
3096.bmp	value	632.50	632.50	589.80	589.80	589.80	**567.75**	**567.75**	**567.75**
	bound	-Inf	-Inf	554.35	554.35	554.35	**567.75**	**567.75**	**567.75**
	runtime	0.08	0.03	0.02	0.02	0.02	0.14	0.14	0.14
	memory (GB)	0.00 GB	0.00 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
33039.bmp	value	11942.37	11947.93	11493.82	11484.53	11483.79	**10881.69**	**10881.69**	**10881.69**
	bound	-Inf	-Inf	10380.41	10380.41	10380.88	**10881.69**	**10881.69**	**10881.69**
	runtime	17.91	6.63	4.87	3.48	4.18	45.46	59.31	58.46
	memory (GB)	0.01 GB	0.01 GB	0.20 GB	0.20 GB	0.20 GB	0.53 GB	0.54 GB	0.56 GB
351093.bmp	value	8106.86	8107.88	7964.98	7959.78	7959.78	**7650.40**	**7650.40**	**7650.40**
	bound	-Inf	-Inf	7441.24	7441.24	7441.50	**7650.40**	**7650.40**	**7650.40**
	runtime	8.94	3.42	26.26	18.80	23.89	46.30	34.52	41.89
	memory (GB)	0.01 GB	0.01 GB	0.16 GB	0.15 GB	0.15 GB	0.36 GB	0.40 GB	0.41 GB
361010.bmp	value	4707.94	4708.69	4575.64	4575.64	4575.64	**4423.08**	**4423.08**	**4423.08**
	bound	-Inf	-Inf	4317.20	4317.20	4317.48	**4423.08**	**4423.08**	**4423.08**
	runtime	3.46	1.33	0.88	0.90	0.98	3.55	7.50	7.64
	memory (GB)	0.01 GB	0.01 GB	0.09 GB	0.09 GB	0.09 GB	0.21 GB	0.23 GB	0.23 GB
37073.bmp	value	2963.56	2963.56	2655.52	2655.52	2655.52	**2592.98**	**2592.98**	**2592.98**
	bound	-Inf	-Inf	2540.74	2540.74	2540.79	**2592.98**	**2592.98**	**2592.98**
	runtime	1.41	0.49	0.48	0.40	0.40	1.70	2.85	2.87
	memory (GB)	0.01 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	0.12 GB	0.14 GB	0.14 GB
376043.bmp	value	7410.50	7410.33	7174.63	7173.57	7173.57	**7012.74**	**7012.74**	**7012.74**
	bound	-Inf	-Inf	6846.77	6846.77	6846.77	**7012.74**	**7012.74**	**7012.74**
	runtime	7.67	2.84	51.54	40.03	39.72	91.78	80.02	85.95
	memory (GB)	0.01 GB	0.01 GB	0.16 GB	0.16 GB	0.16 GB	0.38 GB	0.41 GB	0.41 GB
38082.bmp	value	10442.00	10442.00	10553.97	10553.97	10553.97	**10047.77**	**10047.77**	10047.99
	bound	-Inf	-Inf	9681.25	9681.25	9681.26	10047.77	10047.77	**10047.99**
	runtime	11.82	4.04	65.58	34.89	33.85	208.19	454.78	581.41
	memory (GB)	0.01 GB	0.01 GB	0.20 GB	0.19 GB	0.20 GB	0.48 GB	0.52 GB	0.52 GB
38092.bmp	value	5423.03	5423.03	5129.52	5129.52	5129.52	**5017.97**	**5017.97**	**5017.97**
	bound	-Inf	-Inf	4909.22	4909.22	4909.29	**5017.97**	**5017.97**	**5017.97**
	runtime	4.99	1.76	9.28	4.11	5.24	8.67	8.88	10.48
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.11 GB	0.11 GB	0.26 GB	0.28 GB	0.28 GB
385039.bmp	value	5299.10	5299.10	5012.30	5012.30	5012.30	**4880.56**	**4880.56**	**4880.56**
	bound	-Inf	-Inf	4751.90	4751.90	4752.06	**4880.56**	**4880.56**	**4880.56**
	runtime	4.08	1.43	2.93	2.83	2.91	10.33	11.25	12.76
	memory (GB)	0.01 GB	0.01 GB	0.10 GB	0.10 GB	0.10 GB	0.26 GB	0.27 GB	0.27 GB
41033.bmp	value	2756.25	2763.42	2517.22	2517.22	2517.22	**2433.43**	**2433.43**	**2433.43**
	bound	-Inf	-Inf	2374.74	2374.74	2375.16	**2433.43**	**2433.43**	**2433.43**
	runtime	1.10	0.39	1.95	1.28	1.49	5.69	8.70	6.59
	memory (GB)	0.01 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	0.14 GB	0.15 GB	0.14 GB
41069.bmp	value	5793.01	5793.01	5760.54	5760.54	5760.54	**5600.22**	5687.38	**5600.22**
	bound	-Inf	-Inf	5536.74	5536.74	5536.74	**5600.22**	5597.87	**5600.22**
	runtime	6.22	2.04	933.56	551.71	576.29	581.24	3600.05	1734.54
	memory (GB)	0.01 GB	0.01 GB	0.17 GB	0.16 GB	0.16 GB	0.36 GB	0.38 GB	0.41 GB
42012.bmp	value	4721.26	4721.26	4468.19	4468.19	4467.77	**4238.36**	**4238.36**	**4238.36**
	bound	-Inf	-Inf	4080.50	4080.50	4080.79	**4238.36**	**4238.36**	**4238.36**
	runtime	2.37	0.75	20.86	12.63	13.45	26.27	27.86	22.17
	memory (GB)	0.01 GB	0.01 GB	0.10 GB	0.09 GB	0.09 GB	0.21 GB	0.23 GB	0.23 GB
42049.bmp	value	1563.44	1563.44	1520.42	1520.42	1520.42	**1483.70**	**1483.70**	**1483.70**
	bound	-Inf	-Inf	1459.48	1459.48	1459.48	**1483.70**	**1483.70**	**1483.70**
	runtime	0.42	0.15	0.14	0.12	0.12	0.74	0.69	0.73
	memory (GB)	0.00 GB	0.01 GB	0.04 GB	0.04 GB	0.04 GB	0.07 GB	0.07 GB	0.07 GB
43074.bmp	value	2665.51	2665.51	2735.35	2735.35	2735.35	**2644.03**	**2644.03**	**2644.03**
	bound	-Inf	-Inf	2593.16	2593.16	2593.16	**2644.03**	**2644.03**	**2644.03**
	runtime	1.05	0.37	42.32	21.28	22.20	54.95	22.95	24.89
	memory (GB)	0.01 GB	0.01 GB	0.08 GB	0.07 GB	0.07 GB	0.16 GB	0.17 GB	0.17 GB
45096.bmp	value	1454.52	1454.52	1424.33	1424.33	1424.33	**1324.30**	**1324.30**	**1324.30**
	bound	-Inf	-Inf	1268.15	1268.15	1268.19	**1324.30**	**1324.30**	**1324.30**
	runtime	0.36	0.14	0.35	0.22	0.23	0.87	1.69	1.92
	memory (GB)	0.00 GB	0.00 GB	0.03 GB	0.03 GB	0.03 GB	0.07 GB	0.08 GB	0.07 GB
54082.bmp	value	4882.52	4882.52	4765.38	4765.38	4769.33	**4587.43**	**4587.43**	**4587.43**
	bound	-Inf	-Inf	4456.30	4456.30	4456.93	**4587.43**	**4587.43**	**4587.43**
	runtime	2.89	0.99	69.99	41.74	44.73	98.50	32.21	34.38
	memory (GB)	0.01 GB	0.01 GB	0.10 GB	0.10 GB	0.10 GB	0.24 GB	0.26 GB	0.25 GB
55073.bmp	value	10233.72	10233.50	10013.82	10013.82	10013.82	**9670.72**	**9670.72**	**9670.72**
	bound	-Inf	-Inf	9351.74	9351.74	9351.75	**9670.72**	**9670.72**	**9670.72**
	runtime	12.79	4.15	127.39	73.58	78.03	177.46	153.20	129.10
	memory (GB)	0.01 GB	0.01 GB	0.21 GB	0.20 GB	0.19 GB	0.47 GB	0.51 GB	0.51 GB
58060.bmp	value	12840.82	12852.70	12575.90	12575.90	12575.90	**12130.17**	**12130.17**	**12130.17**
	bound	-Inf	-Inf	11788.95	11788.95	11788.95	**12130.17**	**12130.17**	**12130.17**
	runtime	21.96	8.06	19.81	17.42	18.01	77.18	130.32	80.24
	memory (GB)	0.01 GB	0.01 GB	0.23 GB	0.23 GB	0.23 GB	0.57 GB	0.64 GB	0.62 GB
62096.bmp	value	4315.51	4315.51	4294.39	4294.39	4294.39	**4156.73**	**4156.73**	**4156.73**
	bound	-Inf	-Inf	4085.28	4085.28	4085.34	**4156.73**	**4156.73**	**4156.73**
	runtime	2.88	1.00	28.31	14.45	15.67	24.05	11.05	13.02
	memory (GB)	0.01 GB	0.01 GB	0.10 GB	0.10 GB	0.10 GB	0.19 GB	0.24 GB	0.24 GB
65033.bmp	value	10312.77	10313.34	9709.82	9709.04	9707.65	**9439.61**	**9439.61**	**9439.61**
	bound	-Inf	-Inf	9150.17	9150.17	9150.88	**9439.61**	**9439.61**	**9439.61**
	runtime	13.43	4.70	28.83	12.23	13.65	57.20	48.13	48.05
	memory (GB)	0.01 GB	0.01 GB	0.19 GB	0.19 GB	0.19 GB	0.49 GB	0.51 GB	0.50 GB
66053.bmp	value	5786.10	5769.63	5592.37	5588.64	5586.00	**5431.37**	**5431.37**	**5431.37**
	bound	-Inf	-Inf	5301.06	5301.06	5301.36	**5431.37**	**5431.37**	**5431.37**
	runtime	4.99	1.83	20.41	13.34	13.40	29.23	15.88	15.46
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.12 GB	0.12 GB	0.28 GB	0.31 GB	0.31 GB
69015.bmp	value	5880.29	5881.69	5381.06	5381.06	5379.74	**5278.78**	**5278.78**	**5278.78**
	bound	-Inf	-Inf	5134.68	5134.68	5135.40	**5278.78**	**5278.78**	**5278.78**
	runtime	4.61	1.58	12.43	7.27	8.57	14.36	15.86	15.81
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.11 GB	0.11 GB	0.23 GB	0.29 GB	0.29 GB
69020.bmp	value	7016.08	7016.08	6530.96	6530.96	6530.96	**6358.28**	**6358.28**	**6358.28**
	bound	-Inf	-Inf	6214.64	6214.64	6214.65	**6358.28**	**6358.28**	**6358.28**
	runtime	6.11	1.99	72.63	39.73	44.09	72.19	71.48	89.03
	memory (GB)	0.01 GB	0.01 GB	0.15 GB	0.15 GB	0.15 GB	0.33 GB	0.35 GB	0.36 GB
69040.bmp	value	10367.30	10367.30	10450.23	10450.23	10448.85	**9948.13**	**9948.13**	**9948.13**
	bound	-Inf	-Inf	9567.84	9567.84	9568.09	**9948.13**	**9948.13**	**9948.13**
	runtime	11.36	3.84	29.30	19.74	20.51	102.07	176.14	163.68
	memory (GB)	0.01 GB	0.01 GB	0.19 GB	0.19 GB	0.19 GB	0.49 GB	0.49 GB	0.49 GB
76053.bmp	value	6591.96	6591.96	6295.09	6295.09	6295.09	**6005.01**	**6005.01**	**6005.01**
	bound	-Inf	-Inf	5773.74	5773.74	5774.02	**6005.01**	**6005.01**	**6005.01**
	runtime	5.29	1.84	6.07	3.92	4.31	20.31	27.75	20.65
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.12 GB	0.12 GB	0.30 GB	0.31 GB	0.31 GB
78004.bmp	value	4612.95	4656.22	4286.77	4286.77	4286.77	**4189.14**	**4189.14**	**4189.14**
	bound	-Inf	-Inf	4084.91	4084.91	4084.91	**4189.14**	**4189.14**	**4189.14**
	runtime	2.98	1.11	2.70	1.75	1.84	6.52	9.45	8.03
	memory (GB)	0.01 GB	0.01 GB	0.09 GB	0.09 GB	0.09 GB	0.20 GB	0.22 GB	0.22 GB
8023.bmp	value	4944.14	4944.14	4886.47	4886.47	4886.47	**4806.33**	**4806.33**	**4806.33**
	bound	-Inf	-Inf	4716.83	4716.83	4716.83	**4806.33**	**4806.33**	**4806.33**
	runtime	3.29	1.06	37.39	33.42	33.34	85.20	24.60	21.07
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.10 GB	0.10 GB	0.26 GB	0.27 GB	0.27 GB
85048.bmp	value	8392.55	8392.55	8032.15	8032.15	8032.77	**7737.24**	**7737.24**	**7737.24**
	bound	-Inf	-Inf	7482.26	7482.26	7482.50	**7737.24**	**7737.24**	**7737.24**
	runtime	10.12	3.54	3.86	2.59	3.11	21.91	11.71	13.54
	memory (GB)	0.01 GB	0.01 GB	0.15 GB	0.15 GB	0.15 GB	0.39 GB	0.39 GB	0.39 GB
86000.bmp	value	6797.20	6797.20	6411.68	6411.68	6411.68	**6263.25**	**6263.25**	**6263.25**
	bound	-Inf	-Inf	6081.55	6081.55	6081.55	**6263.25**	**6263.25**	**6263.25**
	runtime	7.24	2.56	1.47	1.08	1.24	10.96	9.31	9.72
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.12 GB	0.12 GB	0.29 GB	0.29 GB	0.29 GB
86016.bmp	value	7693.85	7695.98	7491.84	7491.84	7491.84	**7345.06**	**7345.06**	**7345.06**
	bound	-Inf	-Inf	7217.84	7217.84	7217.87	**7345.06**	**7345.06**	**7345.06**
	runtime	10.50	3.35	15.89	12.10	13.16	26.60	14.73	14.00
	memory (GB)	0.01 GB	0.01 GB	0.18 GB	0.18 GB	0.18 GB	0.41 GB	0.49 GB	0.49 GB
86068.bmp	value	6450.93	6450.93	6490.73	6494.91	6490.68	**6302.97**	**6302.97**	**6302.97**
	bound	-Inf	-Inf	6143.08	6143.08	6143.21	**6302.97**	**6302.97**	**6302.97**
	runtime	5.45	1.87	44.05	31.58	34.90	63.09	51.60	48.28
	memory (GB)	0.01 GB	0.01 GB	0.14 GB	0.13 GB	0.13 GB	0.33 GB	0.35 GB	0.35 GB
87046.bmp	value	5678.64	5681.01	5629.08	5629.08	5629.08	**5461.60**	**5461.60**	**5461.60**
	bound	-Inf	-Inf	5329.20	5329.20	5329.58	**5461.60**	**5461.60**	**5461.60**
	runtime	4.49	1.65	17.54	8.39	9.25	15.84	27.74	23.55
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.11 GB	0.11 GB	0.26 GB	0.30 GB	0.30 GB
89072.bmp	value	6189.32	6189.32	5556.90	5560.64	5560.64	**5416.89**	**5416.89**	**5416.89**
	bound	-Inf	-Inf	5233.99	5233.99	5233.99	**5416.89**	**5416.89**	**5416.89**
	runtime	4.54	1.75	1.89	1.84	2.11	18.76	19.68	20.81
	memory (GB)	0.01 GB	0.01 GB	0.11 GB	0.11 GB	0.11 GB	0.27 GB	0.29 GB	0.29 GB
97033.bmp	value	6032.79	6032.79	5998.19	5998.19	5998.19	**5698.58**	**5698.58**	**5698.58**
	bound	-Inf	-Inf	5504.95	5504.95	5505.41	**5698.58**	**5698.58**	**5698.58**
	runtime	4.87	1.73	2.55	2.12	2.32	12.42	25.16	18.38
	memory (GB)	0.01 GB	0.01 GB	0.12 GB	0.11 GB	0.11 GB	0.27 GB	0.30 GB	0.30 GB
mean energy		6030.49	6030.29	5812.02	5815.37	5815.31	5627.52	5628.11	5627.52
mean bound		-Inf	-Inf	5465.15	5465.15	5465.29	5627.52	5627.49	5627.52

image-seg-3rdorder		ogm-ICM	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
mean runtime		6.30	2.23	32.56	20.85	21.63	46.68	70.54	50.78
best value		0.00	0.00	0.00	0.00	0.00	100.00	99.00	99.00
best bound		0.00	0.00	0.00	0.00	0.00	99.00	97.00	100.00
verified opt		0.00	0.00	0.00	0.00	0.00	100.00	98.00	100.00

Table 13: image-seg

image-seg		ogm-ICM	ogm-KL	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
101085.bmp	value	5846.60	5503.35	5846.60	**5207.50**	**5207.50**	**5207.50**	**5207.50**	**5207.50**	**5207.50**
	bound	-Inf	-Inf	-Inf	**5207.50**	**5207.50**	**5207.50**	**5207.50**	**5207.50**	**5207.50**
	runtime	4.44	0.83	1.53	0.94	0.33	0.34	0.32	0.81	0.72
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB
101087.bmp	value	2998.54	2869.47	2998.54	2790.78	2790.78	2790.78	**2789.90**	**2789.90**	**2789.90**
	bound	-Inf	-Inf	-Inf	2789.68	2789.68	2789.68	**2789.90**	**2789.90**	**2789.90**
	runtime	1.27	0.13	0.44	0.36	0.11	0.12	0.20	0.40	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
102061.bmp	value	3129.02	3077.77	3129.02	2947.74	2947.74	2947.74	**2943.77**	**2943.77**	**2943.77**
	bound	-Inf	-Inf	-Inf	2943.48	2943.48	2943.48	**2943.77**	**2943.77**	**2943.77**
	runtime	1.50	0.53	0.51	0.64	0.38	0.39	0.50	1.54	1.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
103070.bmp	value	4554.83	4445.75	4554.83	**4199.38**	**4199.38**	**4199.38**	**4199.38**	**4199.38**	**4199.38**
	bound	-Inf	-Inf	-Inf	**4199.38**	**4199.38**	**4199.38**	**4199.38**	**4199.38**	**4199.38**
	runtime	2.38	0.89	0.82	6.24	4.03	3.95	4.03	1.15	1.29
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB
105025.bmp	value	6345.17	6306.79	6345.17	6073.28	6073.28	6073.28	**6055.33**	**6055.33**	**6055.33**
	bound	-Inf	-Inf	-Inf	6054.14	6054.14	6054.14	**6055.33**	**6055.33**	**6055.33**
	runtime	4.46	1.27	1.55	13.57	4.43	4.44	5.89	3.05	2.97
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.03 GB	0.03 GB	0.07 GB	0.05 GB	0.04 GB
106024.bmp	value	1672.06	1626.41	1672.06	1604.09	1604.09	1604.09	**1599.25**	**1599.25**	**1599.25**
	bound	-Inf	-Inf	-Inf	1598.60	1598.60	1598.60	**1599.25**	**1599.25**	**1599.25**
	runtime	0.37	0.03	0.13	0.57	0.28	0.29	0.46	0.60	0.40
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.02 GB
108005.bmp	value	6977.02	6912.42	6977.02	6581.96	6581.96	6581.96	**6578.03**	**6578.03**	**6578.03**
	bound	-Inf	-Inf	-Inf	6577.75	6577.75	6577.75	**6578.03**	**6578.03**	**6578.03**
	runtime	7.76	4.78	2.70	6.94	4.41	4.66	5.05	2.12	3.67
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.05 GB	0.06 GB	0.04 GB
108070.bmp	value	8714.08	8636.17	8714.08	8426.08	8426.08	8426.08	**8422.24**	**8422.24**	**8422.24**
	bound	-Inf	-Inf	-Inf	8422.01	8422.01	8422.01	**8422.24**	**8422.24**	**8422.24**
	runtime	10.45	3.76	3.52	39.95	21.70	22.15	22.86	3.73	5.64
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.04 GB	0.04 GB	0.07 GB	0.06 GB	0.05 GB
108082.bmp	value	5133.62	5037.94	5133.62	**4800.15**	**4800.15**	**4800.15**	**4800.15**	**4800.15**	**4800.15**
	bound	-Inf	-Inf	-Inf	**4800.15**	**4800.15**	**4800.15**	**4800.15**	**4800.15**	**4800.15**
	runtime	3.76	1.68	1.30	6.97	3.48	3.27	3.23	2.88	1.98
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.02 GB	0.05 GB	0.03 GB
109053.bmp	value	4694.16	4606.41	4694.16	4425.56	4425.56	4425.56	**4421.13**	**4421.13**	**4421.13**
	bound	-Inf	-Inf	-Inf	4421.03	4421.03	4421.03	**4421.13**	**4421.13**	**4421.13**
	runtime	2.92	1.56	1.00	7.19	3.20	3.20	3.52	1.99	2.40
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
119082.bmp	value	4803.34	4705.51	4803.34	**4530.71**	**4530.71**	**4530.71**	**4530.71**	**4530.71**	**4530.71**
	bound	-Inf	-Inf	-Inf	**4530.71**	**4530.71**	**4530.71**	**4530.71**	**4530.71**	**4530.71**
	runtime	4.23	1.34	1.42	0.42	0.09	0.09	0.10	0.13	0.39
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
12084.bmp	value	7610.99	7456.34	7610.89	7288.30	7288.30	7288.30	**7284.45**	**7284.45**	**7284.45**
	bound	-Inf	-Inf	-Inf	7284.13	7284.13	7284.13	**7284.45**	**7284.45**	**7284.45**
	runtime	10.87	13.94	3.65	7.70	1.91	2.09	2.18	1.18	1.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.04 GB
123074.bmp	value	4133.22	4059.26	4130.47	**3842.74**	**3842.74**	**3842.74**	**3842.74**	**3842.74**	**3842.74**
	bound	-Inf	-Inf	-Inf	**3842.74**	**3842.74**	**3842.74**	**3842.74**	**3842.74**	**3842.74**
	runtime	1.82	0.23	0.59	9.07	5.33	5.28	5.37	4.29	3.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.03 GB
126007.bmp	value	2824.58	2791.58	2824.58	2686.11	2686.11	2686.11	**2684.83**	**2684.83**	**2684.83**
	bound	-Inf	-Inf	-Inf	2684.75	2684.75	2684.75	**2684.83**	**2684.83**	**2684.83**
	runtime	1.43	0.21	0.49	0.27	0.06	0.07	0.10	0.43	0.25
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.02 GB
130026.bmp	value	5628.36	5594.57	5628.36	5366.20	5366.20	5366.20	**5350.83**	**5350.83**	**5350.83**
	bound	-Inf	-Inf	-Inf	5349.80	5349.80	5349.80	**5350.83**	**5350.83**	**5350.83**
	runtime	3.86	1.63	1.30	32.39	14.08	14.34	17.89	5.27	4.83
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.03 GB	0.03 GB	0.08 GB	0.07 GB	0.05 GB
134035.bmp	value	6970.81	6678.92	6969.83	6590.30	6590.30	6590.30	**6578.98**	**6578.98**	**6578.98**
	bound	-Inf	-Inf	-Inf	6577.99	6577.99	6577.99	**6578.98**	**6578.98**	**6578.98**
	runtime	8.41	9.28	2.83	42.25	13.31	13.18	17.13	4.66	3.13
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.03 GB	0.03 GB	0.07 GB	0.05 GB	0.04 GB
14037.bmp	value	1499.33	1444.67	1499.33	**1383.14**	**1383.14**	**1383.14**	**1383.14**	**1383.14**	**1383.14**
	bound	-Inf	-Inf	-Inf	**1383.14**	**1383.14**	**1383.14**	**1383.14**	**1383.14**	**1383.14**
	runtime	0.32	0.02	0.11	0.13	0.08	0.08	0.08	0.11	0.06
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
143090.bmp	value	1845.79	1784.06	1845.79	**1714.38**	**1714.38**	**1714.38**	**1714.38**	**1714.38**	**1714.38**
	bound	-Inf	-Inf	-Inf	**1714.38**	**1714.38**	**1714.38**	**1714.38**	**1714.38**	**1714.38**
	runtime	0.49	0.04	0.18	0.22	0.15	0.15	0.16	0.30	0.17
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB
145086.bmp	value	3611.88	3393.28	3611.88	**3322.21**	**3322.21**	**3322.21**	**3322.21**	**3322.21**	**3322.21**
	bound	-Inf	-Inf	-Inf	**3322.21**	**3322.21**	**3322.21**	**3322.21**	**3322.21**	**3322.21**
	runtime	1.96	0.23	0.67	0.21	0.05	0.05	0.05	0.15	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
147091.bmp	value	4129.09	4085.05	4134.20	3976.61	3976.61	3976.61	**3973.71**	**3973.71**	**3973.71**
	bound	-Inf	-Inf	-Inf	3973.48	3973.48	3973.48	**3973.71**	**3973.71**	**3973.71**
	runtime	2.57	0.68	0.87	1.99	1.10	1.06	1.23	0.76	1.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
148026.bmp	value	8705.99	8463.81	8705.86	8208.02	8208.02	8208.02	**8205.98**	**8205.98**	**8205.98**
	bound	-Inf	-Inf	-Inf	8205.78	8205.78	8205.78	**8205.98**	**8205.98**	**8205.98**
	runtime	11.91	1.80	3.96	1.56	0.57	0.59	0.80	1.04	1.27
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
148089.bmp	value	6759.63	6691.00	6759.63	6442.57	6442.57	6442.57	**6439.58**	**6439.58**	**6439.58**
	bound	-Inf	-Inf	-Inf	6439.34	6439.34	6439.34	**6439.58**	**6439.58**	**6439.58**
	runtime	7.18	5.01	2.51	5.00	2.37	2.18	2.37	2.14	1.55
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
156065.bmp	value	5471.73	5418.66	5471.73	5236.79	5236.79	5236.79	**5234.15**	**5234.15**	**5234.15**
	bound	-Inf	-Inf	-Inf	5234.11	5234.11	5234.11	**5234.15**	**5234.15**	**5234.15**
	runtime	3.98	2.46	1.34	7.80	4.00	4.10	4.36	4.73	2.95
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.03 GB
157055.bmp	value	4968.82	4798.78	4968.82	4686.20	4686.20	4686.20	**4685.17**	**4685.17**	**4685.17**
	bound	-Inf	-Inf	-Inf	4684.78	4684.78	4684.78	**4685.17**	**4685.17**	**4685.17**
	runtime	4.10	0.68	1.38	0.41	0.14	0.15	0.35	0.54	0.59
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
159008.bmp	value	4981.25	4793.11	4981.25	4545.66	4545.66	4545.66	**4540.87**	**4540.87**	**4540.87**
	bound	-Inf	-Inf	-Inf	4540.64	4540.64	4540.64	**4540.87**	**4540.87**	**4540.87**
	runtime	3.91	2.29	1.39	1.17	0.52	0.53	0.56	1.41	1.25
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
160068.bmp	value	3254.26	3216.91	3254.26	3091.15	3091.15	3091.15	**3089.32**	**3089.32**	**3089.32**
	bound	-Inf	-Inf	-Inf	3089.08	3089.08	3089.08	**3089.32**	**3089.32**	**3089.32**
	runtime	1.70	0.33	0.57	1.14	0.72	0.74	0.98	0.59	0.40
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
16077.bmp	value	4505.58	4382.90	4505.58	4230.49	4230.49	4230.49	**4227.88**	**4227.88**	**4227.88**
	bound	-Inf	-Inf	-Inf	4227.85	4227.85	4227.85	**4227.88**	**4227.88**	**4227.88**
	runtime	3.16	0.76	1.08	1.46	0.61	0.63	0.65	0.55	0.51
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
163085.bmp	value	4627.94	4558.56	4627.94	4392.93	4392.93	4392.26	**4381.13**	**4381.13**	**4381.13**
	bound	-Inf	-Inf	-Inf	4380.39	4380.39	4380.41	**4381.13**	**4381.13**	**4381.13**
	runtime	2.86	0.79	1.00	5.80	2.89	3.11	3.09	1.84	1.53
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
167062.bmp	value	1297.98	1274.78	1297.98	1276.13	1276.13	1276.13	**1273.72**	**1273.72**	**1273.72**
	bound	-Inf	-Inf	-Inf	1273.44	1273.44	1273.44	**1273.72**	**1273.72**	**1273.72**
	runtime	0.30	0.05	0.10	0.16	0.05	0.05	0.11	0.08	0.16
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
167083.bmp	value	8652.97	8572.76	8650.26	8333.88	8333.88	8333.88	**8331.63**	**8331.63**	**8331.63**
	bound	-Inf	-Inf	-Inf	8331.41	8331.41	8331.41	**8331.63**	**8331.63**	**8331.63**
	runtime	10.78	3.71	3.58	21.68	11.48	11.46	11.72	2.71	2.83
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.03 GB	0.03 GB	0.06 GB	0.05 GB	0.04 GB
170057.bmp	value	3405.82	3345.02	3405.82	3298.55	3298.55	3298.55	**3266.17**	**3266.17**	**3266.17**
	bound	-Inf	-Inf	-Inf	3265.70	3265.70	3265.70	**3266.17**	**3266.17**	**3266.17**
	runtime	1.52	0.58	0.52	8.52	4.83	4.75	5.43	5.22	4.29
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
175032.bmp	value	11925.49	11888.55	11925.49	11577.50	11577.50	11577.50	**11542.63**	**11542.63**	**11542.63**
	bound	-Inf	-Inf	-Inf	11540.02	11540.02	11540.02	**11542.63**	**11542.63**	**11542.63**
	runtime	17.48	4.20	5.89	128.50	76.83	77.29	99.30	41.64	45.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.15 GB	0.06 GB	0.06 GB	0.17 GB	0.14 GB	0.09 GB
175043.bmp	value	8389.84	8260.16	8389.84	**7816.92**	**7816.92**	**7816.92**	**7816.92**	**7816.92**	**7816.92**
	bound	-Inf	-Inf	-Inf	**7816.92**	**7816.92**	**7816.92**	**7816.92**	**7816.92**	**7816.92**
	runtime	10.73	4.59	3.64	4.43	1.99	1.89	1.99	2.55	2.93
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.02 GB	0.06 GB	0.04 GB
182053.bmp	value	3833.66	3751.47	3833.66	3581.74	3581.74	3581.31	**3579.24**	**3579.24**	**3579.24**
	bound	-Inf	-Inf	-Inf	3578.90	3578.90	3579.02	**3579.24**	**3579.24**	**3579.24**
	runtime	2.18	0.47	0.75	2.36	1.45	1.46	1.68	2.74	2.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
189080.bmp	value	1177.12	1103.64	1177.12	1080.02	1080.02	1080.02	**1077.47**	**1077.47**	**1077.47**
	bound	-Inf	-Inf	-Inf	1077.42	1077.42	1077.42	**1077.47**	**1077.47**	**1077.47**
	runtime	0.20	0.01	0.07	0.08	0.03	0.04	0.06	0.06	0.19
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
19021.bmp	value	4744.05	4608.54	4744.05	4520.06	4520.06	4517.83	**4515.08**	**4515.08**	**4515.08**
	bound	-Inf	-Inf	-Inf	4514.97	4514.97	4514.98	**4515.08**	**4515.08**	**4515.08**
	runtime	3.30	2.27	1.12	3.54	1.71	1.71	1.82	0.84	1.37
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
196073.bmp	value	578.45	554.88	578.45	**545.47**	**545.47**	**545.47**	**545.47**	**545.47**	**545.47**
	bound	-Inf	-Inf	-Inf	**545.47**	**545.47**	**545.47**	**545.47**	**545.47**	**545.47**
	runtime	0.07	0.00	0.02	0.04	0.02	0.02	0.02	0.07	0.07
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
197017.bmp	value	3039.02	2917.21	3039.02	**2798.77**	**2798.77**	**2798.77**	**2798.77**	**2798.77**	**2798.77**
	bound	-Inf	-Inf	-Inf	**2798.77**	**2798.77**	**2798.77**	**2798.77**	**2798.77**	**2798.77**
	runtime	1.47	0.34	0.51	0.40	0.07	0.07	0.07	0.15	0.10
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB
208001.bmp	value	6650.26	6609.41	6650.26	6276.25	6276.25	6276.25	**6272.68**	**6272.68**	**6272.68**
	bound	-Inf	-Inf	-Inf	6272.23	6272.23	6272.23	**6272.68**	**6272.68**	**6272.68**
	runtime	5.79	1.05	1.91	6.19	3.12	3.28	5.22	20.82	10.73
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.03 GB	0.03 GB	0.06 GB	0.08 GB	0.05 GB
210088.bmp	value	2085.07	2016.88	2085.07	**1895.44**	**1895.44**	**1895.44**	**1895.44**	**1895.44**	**1895.44**
	bound	-Inf	-Inf	-Inf	**1895.44**	**1895.44**	**1895.44**	**1895.44**	**1895.44**	**1895.44**
	runtime	0.73	0.09	0.26	0.18	0.08	0.08	0.08	0.06	0.13
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
21077.bmp	value	3121.08	2993.34	3121.67	**2946.71**	**2946.71**	**2946.71**	**2946.71**	**2946.71**	**2946.71**
	bound	-Inf	-Inf	-Inf	**2946.71**	**2946.71**	**2946.71**	**2946.71**	**2946.71**	**2946.71**
	runtime	1.71	0.09	0.58	0.19	0.06	0.06	0.06	1.60	0.58
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
216081.bmp	value	4439.52	4263.48	4439.52	4159.53	4159.53	4159.53	**4158.73**	**4158.73**	**4158.73**
	bound	-Inf	-Inf	-Inf	4158.67	4158.67	4158.67	**4158.73**	**4158.73**	**4158.73**
	runtime	3.43	0.56	1.15	0.27	0.10	0.12	0.17	0.46	0.35
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
219090.bmp	value	2598.23	2576.46	2598.23	**2501.27**	**2501.27**	**2501.27**	**2501.27**	**2501.27**	**2501.27**
	bound	-Inf	-Inf	-Inf	**2501.27**	**2501.27**	**2501.27**	**2501.27**	**2501.27**	**2501.27**
	runtime	1.20	0.28	0.42	0.20	0.06	0.06	0.06	0.08	0.07
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
220075.bmp	value	3272.86	3154.56	3272.86	**3115.95**	**3115.95**	**3115.95**	**3115.95**	**3115.95**	**3115.95**
	bound	-Inf	-Inf	-Inf	**3115.95**	**3115.95**	**3115.95**	**3115.95**	**3115.95**	**3115.95**
	runtime	1.99	0.13	0.68	0.12	0.03	0.03	0.03	0.06	0.13
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
223061.bmp	value	6827.06	6789.08	6827.06	6585.28	6585.28	6585.28	**6576.83**	**6576.83**	**6576.83**
	bound	-Inf	-Inf	-Inf	6575.97	6575.97	6575.97	**6576.83**	**6576.83**	**6576.83**
	runtime	5.23	1.15	1.78	60.19	27.14	27.34	28.53	10.48	7.63
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.05 GB	0.05 GB	0.10 GB	0.09 GB	0.05 GB
227092.bmp	value	2068.55	2071.11	2068.55	2006.61	2006.61	2006.61	**1998.46**	**1998.46**	**1998.46**
	bound	-Inf	-Inf	-Inf	1997.85	1997.85	1997.85	**1998.46**	**1998.46**	**1998.46**
	runtime	0.48	0.03	0.17	1.24	1.05	1.05	1.51	0.55	0.66
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
229036.bmp	value	6406.52	6267.68	6404.33	**6125.73**	**6125.73**	**6125.73**	**6125.73**	**6125.73**	**6125.73**
	bound	-Inf	-Inf	-Inf	**6125.73**	**6125.73**	**6125.73**	**6125.73**	**6125.73**	**6125.73**
	runtime	6.39	1.69	2.14	3.59	1.91	1.74	1.88	0.68	1.28
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB
236037.bmp	value	9586.43	9479.67	9586.43	9072.01	9072.01	9072.01	**9060.84**	**9060.84**	**9060.84**
	bound	-Inf	-Inf	-Inf	9060.52	9060.52	9060.52	**9060.84**	**9060.84**	**9060.84**
	runtime	12.16	5.24	4.13	32.02	16.56	16.01	16.82	3.55	6.69
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.03 GB	0.03 GB	0.07 GB	0.07 GB	0.05 GB
24077.bmp	value	5000.10	4867.75	5000.10	4766.37	4766.37	4765.36	**4761.98**	**4761.98**	**4761.98**
	bound	-Inf	-Inf	-Inf	4761.87	4761.87	4761.87	**4761.98**	**4761.98**	**4761.98**
	runtime	4.59	0.79	1.58	0.64	0.29	0.32	0.45	0.82	0.91
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
241004.bmp	value	1215.28	1113.75	1215.28	**1057.14**	**1057.14**	**1057.14**	**1057.14**	**1057.14**	**1057.14**
	bound	-Inf	-Inf	-Inf	**1057.14**	**1057.14**	**1057.14**	**1057.14**	**1057.14**	**1057.14**
	runtime	0.19	0.01	0.07	0.06	0.03	0.03	0.03	0.06	0.06
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
241048.bmp	value	5132.49	4896.67	5132.49	4740.05	4740.05	4740.05	**4730.95**	**4730.95**	**4730.95**
	bound	-Inf	-Inf	-Inf	4729.82	4729.82	4729.82	**4730.95**	**4730.95**	**4730.95**
	runtime	3.67	0.70	1.17	2.08	1.08	1.15	1.51	1.49	1.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
253027.bmp	value	6971.10	6899.47	6970.90	6609.76	6609.76	6609.76	**6606.62**	**6606.62**	**6606.62**
	bound	-Inf	-Inf	-Inf	6606.28	6606.28	6606.28	**6606.62**	**6606.62**	**6606.62**
	runtime	8.27	2.18	2.76	8.35	7.74	7.98	8.37	1.75	2.91
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.02 GB	0.02 GB	0.05 GB	0.07 GB	0.04 GB
253055.bmp	value	1605.50	1553.88	1605.50	1503.91	1503.91	1503.91	**1502.16**	**1502.16**	**1502.16**
	bound	-Inf	-Inf	-Inf	1502.04	1502.04	1502.04	**1502.16**	**1502.16**	**1502.16**
	runtime	0.41	0.04	0.15	0.17	0.07	0.07	0.11	0.06	0.17
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
260058.bmp	value	1165.03	1110.94	1165.03	**1084.26**	**1084.26**	**1084.26**	**1084.26**	**1084.26**	**1084.26**
	bound	-Inf	-Inf	-Inf	**1084.26**	**1084.26**	**1084.26**	**1084.26**	**1084.26**	**1084.26**
	runtime	0.16	0.01	0.06	0.05	0.02	0.02	0.02	0.02	0.02
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
271035.bmp	value	3940.29	3812.22	3940.29	3625.90	3625.90	3625.90	**3621.00**	**3621.00**	**3621.00**
	bound	-Inf	-Inf	-Inf	3620.33	3620.33	3620.33	**3621.00**	**3621.00**	**3621.00**
	runtime	2.27	0.71	0.80	0.91	0.28	0.29	0.79	0.87	1.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
285079.bmp	value	5912.39	5742.46	5912.39	5614.90	5614.90	5614.90	**5610.12**	**5610.12**	**5610.12**
	bound	-Inf	-Inf	-Inf	5609.84	5609.84	5609.84	**5610.12**	**5610.12**	**5610.12**
	runtime	5.70	2.51	1.91	3.08	1.40	1.32	1.58	2.47	1.92
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
291000.bmp	value	10463.71	10442.94	10463.71	10210.22	10210.22	10210.22	**10208.87**	**10208.87**	**10208.87**
	bound	-Inf	-Inf	-Inf	10208.76	10208.76	10208.76	**10208.87**	**10208.87**	**10208.87**
	runtime	13.68	4.71	4.51	43.40	24.09	22.95	24.71	4.77	6.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.05 GB	0.05 GB	0.10 GB	0.07 GB	0.05 GB
295087.bmp	value	4507.31	4434.65	4507.31	**4290.54**	**4290.54**	**4290.54**	**4290.54**	**4290.54**	**4290.54**
	bound	-Inf	-Inf	-Inf	**4290.54**	**4290.54**	**4290.54**	**4290.54**	**4290.54**	**4290.54**
	runtime	3.15	1.31	1.05	1.67	0.81	0.81	0.81	1.38	1.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB
296007.bmp	value	2573.71	2401.42	2573.71	**2293.13**	**2293.13**	**2293.13**	**2293.13**	**2293.13**	**2293.13**
	bound	-Inf	-Inf	-Inf	**2293.13**	**2293.13**	**2293.13**	**2293.13**	**2293.13**	**2293.13**
	runtime	0.77	0.11	0.27	0.53	0.38	0.38	0.38	0.13	0.17
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB
296059.bmp	value	2227.85	2162.03	2227.85	2045.16	2045.16	2045.16	**2044.71**	**2044.71**	**2044.71**
	bound	-Inf	-Inf	-Inf	2044.66	2044.66	2044.66	**2044.71**	**2044.71**	**2044.71**
	runtime	0.67	0.06	0.23	0.60	0.38	0.39	0.42	0.45	0.44
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
299086.bmp	value	1683.83	1622.71	1683.83	**1557.24**	**1557.24**	**1557.24**	**1557.24**	**1557.24**	**1557.24**
	bound	-Inf	-Inf	-Inf	**1557.24**	**1557.24**	**1557.24**	**1557.24**	**1557.24**	**1557.24**
	runtime	0.49	0.05	0.18	0.13	0.03	0.03	0.03	0.05	0.09
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
300091.bmp	value	1556.58	1524.61	1556.58	1501.09	1501.09	1501.09	**1495.10**	**1495.10**	**1495.10**
	bound	-Inf	-Inf	-Inf	1494.83	1494.83	1494.83	**1495.10**	**1495.10**	**1495.10**
	runtime	0.42	0.08	0.14	0.48	0.21	0.21	0.24	0.28	0.30
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.02 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB
302008.bmp	value	2728.90	2582.25	2728.90	**2543.23**	**2543.23**	**2543.23**	**2543.23**	**2543.23**	**2543.23**
	bound	-Inf	-Inf	-Inf	**2543.23**	**2543.23**	**2543.23**	**2543.23**	**2543.23**	**2543.23**
	runtime	1.69	0.13	0.56	0.31	0.05	0.05	0.05	0.10	0.10
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
304034.bmp	value	8236.78	8191.05	8236.78	7849.10	7849.10	7849.10	**7835.47**	**7835.47**	**7835.47**
	bound	-Inf	-Inf	-Inf	7834.59	7834.59	7834.59	**7835.47**	**7835.47**	**7835.47**
	runtime	9.34	4.41	3.11	19.12	8.41	8.60	9.74	6.06	4.90
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.03 GB	0.03 GB	0.07 GB	0.06 GB	0.05 GB
304074.bmp	value	4171.93	4128.25	4171.93	**3891.88**	**3891.88**	**3891.88**	**3891.88**	**3891.88**	**3891.88**
	bound	-Inf	-Inf	-Inf	**3891.88**	**3891.88**	**3891.88**	**3891.88**	**3891.88**	**3891.88**
	runtime	2.46	0.73	0.83	1.38	0.67	0.66	0.67	0.45	0.67
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
306005.bmp	value	4573.99	4516.90	4573.99	4292.90	4292.90	4292.90	**4290.25**	**4290.25**	**4290.25**
	bound	-Inf	-Inf	-Inf	4290.04	4290.04	4290.04	**4290.25**	**4290.25**	**4290.25**
	runtime	2.68	1.00	0.91	3.59	1.63	1.61	1.71	1.84	1.26
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
3096.bmp	value	446.63	400.75	446.63	**396.90**	**396.90**	**396.90**	**396.90**	**396.90**	**396.90**
	bound	-Inf	-Inf	-Inf	**396.90**	**396.90**	**396.90**	**396.90**	**396.90**	**396.90**
	runtime	0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB

image-seg		ogm-ICM	ogm-KL	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
33039.bmp	value	8721.65	8582.09	8721.65	8102.26	8102.26	8102.26	**8069.67**	**8069.67**	**8069.67**
	bound	-Inf	-Inf	-Inf	8068.45	8068.45	8068.45	**8069.67**	**8069.67**	**8069.67**
	runtime	11.31	3.32	4.06	15.55	9.57	9.51	10.82	6.80	5.72
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.03 GB	0.03 GB	0.06 GB	0.08 GB	0.05 GB
351093.bmp	value	6447.23	6337.40	6447.23	6111.09	6111.09	6111.09	**6105.28**	**6105.28**	**6105.28**
	bound	-Inf	-Inf	-Inf	6105.21	6105.21	6105.21	**6105.28**	**6105.28**	**6105.28**
	runtime	5.61	1.97	1.91	7.95	3.41	3.36	3.79	4.06	2.81
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
361010.bmp	value	3532.89	3440.32	3532.89	**3361.02**	**3361.02**	**3361.02**	**3361.02**	**3361.02**	**3361.02**
	bound	-Inf	-Inf	-Inf	**3361.02**	**3361.02**	**3361.02**	**3361.02**	**3361.02**	**3361.02**
	runtime	2.14	0.57	0.74	0.43	0.10	0.10	0.10	0.20	0.27
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
37073.bmp	value	2096.96	2050.47	2099.22	**1975.00**	**1975.00**	**1975.00**	**1975.00**	**1975.00**	**1975.00**
	bound	-Inf	-Inf	-Inf	**1975.00**	**1975.00**	**1975.00**	**1975.00**	**1975.00**	**1975.00**
	runtime	0.85	0.11	0.29	0.18	0.03	0.03	0.03	0.07	0.05
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
376043.bmp	value	6130.66	6099.05	6131.41	**5863.83**	**5863.83**	**5863.83**	**5863.83**	**5863.83**	**5863.83**
	bound	-Inf	-Inf	-Inf	**5863.83**	**5863.83**	**5863.83**	**5863.83**	**5863.83**	**5863.83**
	runtime	4.99	1.12	1.64	12.07	7.34	7.83	7.17	2.29	1.64
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.04 GB
38082.bmp	value	8577.71	8480.50	8577.71	8081.97	8081.97	8081.97	**8060.34**	**8060.34**	**8060.34**
	bound	-Inf	-Inf	-Inf	8059.53	8059.53	8059.53	**8060.34**	**8060.34**	**8060.34**
	runtime	8.84	2.79	3.01	28.81	16.64	17.40	18.08	4.82	5.87
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.09 GB	0.04 GB	0.04 GB	0.07 GB	0.07 GB	0.05 GB
38092.bmp	value	4381.18	4310.52	4381.18	**4071.86**	**4071.86**	**4071.86**	**4071.86**	**4071.86**	**4071.86**
	bound	-Inf	-Inf	-Inf	**4071.86**	**4071.86**	**4071.86**	**4071.86**	**4071.86**	**4071.86**
	runtime	2.54	0.87	0.92	1.91	1.25	1.33	1.22	0.30	0.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
385039.bmp	value	3969.00	3870.70	3969.70	3747.90	3747.90	3747.90	**3745.53**	**3745.53**	**3745.53**
	bound	-Inf	-Inf	-Inf	3744.80	3744.80	3744.80	**3745.53**	**3745.53**	**3745.53**
	runtime	2.64	0.70	0.89	0.53	0.13	0.14	0.28	0.34	0.39
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
41033.bmp	value	2193.07	2086.82	2193.07	**1994.24**	**1994.24**	**1994.24**	**1994.24**	**1994.24**	**1994.24**
	bound	-Inf	-Inf	-Inf	**1994.24**	**1994.24**	**1994.24**	**1994.24**	**1994.24**	**1994.24**
	runtime	0.71	0.06	0.24	0.36	0.13	0.13	0.13	0.09	0.26
	memory (GB)	0.00 GB	0.00 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
41069.bmp	value	5315.93	5269.73	5315.93	5114.98	5114.98	5114.98	**5110.96**	**5110.96**	**5110.96**
	bound	-Inf	-Inf	-Inf	5110.96	5110.96	5110.96	**5110.96**	**5110.96**	**5110.96**
	runtime	3.40	0.28	1.07	17.06	11.62	11.74	11.66	14.53	10.29
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.03 GB	0.03 GB	0.05 GB	0.06 GB	0.04 GB
42012.bmp	value	3696.78	3485.03	3696.78	3258.85	3258.85	3258.85	**3248.70**	**3248.70**	**3248.70**
	bound	-Inf	-Inf	-Inf	3248.12	3248.12	3248.12	**3248.70**	**3248.70**	**3248.70**
	runtime	1.64	0.17	0.55	1.87	1.35	1.37	1.60	2.78	2.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
42049.bmp	value	1149.62	1090.54	1149.62	**1069.22**	**1069.22**	**1069.22**	**1069.22**	**1069.22**	**1069.22**
	bound	-Inf	-Inf	-Inf	**1069.22**	**1069.22**	**1069.22**	**1069.22**	**1069.22**	**1069.22**
	runtime	0.27	0.02	0.09	0.04	0.01	0.01	0.01	0.04	0.28
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
43074.bmp	value	2399.48	2390.74	2399.48	2343.74	2343.74	2343.74	**2332.83**	**2332.83**	**2332.83**
	bound	-Inf	-Inf	-Inf	2332.49	2332.49	2332.49	**2332.83**	**2332.83**	**2332.83**
	runtime	0.67	0.10	0.22	2.11	1.58	1.60	1.66	0.40	0.38
	memory (GB)	0.00 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.02 GB
45096.bmp	value	1017.58	1008.08	1017.58	**977.78**	**977.78**	**977.78**	**977.78**	**977.78**	**977.78**
	bound	-Inf	-Inf	-Inf	**977.78**	**977.78**	**977.78**	**977.78**	**977.78**	**977.78**
	runtime	0.20	0.02	0.07	0.06	0.02	0.02	0.02	0.03	0.11
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
54082.bmp	value	3940.05	3923.38	3940.05	3798.55	3798.55	3798.55	**3796.36**	**3796.36**	**3796.36**
	bound	-Inf	-Inf	-Inf	3795.85	3795.85	3795.85	**3796.36**	**3796.36**	**3796.36**
	runtime	1.84	0.58	0.61	8.18	3.51	3.75	4.19	0.97	1.54
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
55073.bmp	value	8285.39	8200.84	8286.72	7841.24	7841.24	7841.24	**7835.96**	**7835.96**	**7835.96**
	bound	-Inf	-Inf	-Inf	7835.37	7835.37	7835.37	**7835.96**	**7835.96**	**7835.96**
	runtime	8.68	2.42	2.92	32.86	9.58	9.68	11.79	3.35	3.61
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.03 GB	0.03 GB	0.08 GB	0.06 GB	0.05 GB
58060.bmp	value	10199.92	10121.99	10199.92	9890.34	9890.34	9890.34	**9881.86**	**9881.86**	**9881.86**
	bound	-Inf	-Inf	-Inf	9881.46	9881.46	9881.46	**9881.86**	**9881.86**	**9881.86**
	runtime	14.83	9.33	4.92	18.29	9.89	9.97	10.06	5.12	3.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.04 GB	0.04 GB	0.08 GB	0.07 GB	0.05 GB
62096.bmp	value	3544.29	3473.37	3544.29	**3419.40**	**3419.40**	**3419.40**	**3419.40**	**3419.40**	**3419.40**
	bound	-Inf	-Inf	-Inf	**3419.40**	**3419.40**	**3419.40**	**3419.40**	**3419.40**	**3419.40**
	runtime	1.72	0.81	0.57	2.30	1.48	1.47	1.49	0.42	0.57
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
65033.bmp	value	7826.42	7580.90	7826.42	7365.34	7365.34	7365.34	**7364.57**	**7364.57**	**7364.57**
	bound	-Inf	-Inf	-Inf	7364.38	7364.38	7364.38	**7364.57**	**7364.57**	**7364.57**
	runtime	9.03	2.86	3.03	3.14	1.76	1.77	2.12	1.64	1.61
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.05 GB	0.05 GB	0.04 GB
66053.bmp	value	4544.94	4524.61	4542.31	4429.11	4429.11	4429.11	**4427.25**	**4427.25**	**4427.25**
	bound	-Inf	-Inf	-Inf	4427.16	4427.16	4427.16	**4427.25**	**4427.25**	**4427.25**
	runtime	3.05	0.54	1.05	3.53	2.72	2.66	2.87	0.69	1.37
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
69015.bmp	value	4230.12	4161.61	4230.12	4026.56	4026.56	4026.56	**4024.45**	**4024.45**	**4024.45**
	bound	-Inf	-Inf	-Inf	4024.09	4024.09	4024.09	**4024.45**	**4024.45**	**4024.45**
	runtime	2.79	0.63	0.93	1.71	0.88	0.90	1.01	1.89	1.31
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.04 GB
69020.bmp	value	5571.99	5453.10	5571.99	5192.68	5192.68	5192.68	**5179.29**	**5179.29**	**5179.29**
	bound	-Inf	-Inf	-Inf	5178.67	5178.67	5178.67	**5179.29**	**5179.29**	**5179.29**
	runtime	3.85	0.93	1.30	8.69	4.49	4.56	5.26	1.60	1.88
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.04 GB
69040.bmp	value	8318.26	8254.71	8318.26	7987.78	7987.78	7987.78	**7974.58**	**7974.58**	**7974.58**
	bound	-Inf	-Inf	-Inf	7973.02	7973.02	7973.02	**7974.58**	**7974.58**	**7974.58**
	runtime	8.38	4.06	2.83	70.55	34.62	33.36	34.97	9.10	8.57
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.05 GB	0.05 GB	0.10 GB	0.08 GB	0.06 GB
76053.bmp	value	4972.00	4805.56	4972.00	4534.40	4534.40	4533.54	**4514.99**	**4514.99**	**4514.99**
	bound	-Inf	-Inf	-Inf	4512.85	4512.85	4512.85	**4514.99**	**4514.99**	**4514.99**
	runtime	3.22	0.57	1.10	2.81	1.68	1.79	2.11	2.61	1.38
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.05 GB	0.03 GB
78004.bmp	value	3528.94	3312.31	3528.94	3256.19	3256.19	3256.19	**3254.61**	**3254.61**	**3254.61**
	bound	-Inf	-Inf	-Inf	3254.30	3254.30	3254.30	**3254.61**	**3254.61**	**3254.61**
	runtime	1.78	0.16	0.60	0.26	0.11	0.13	0.13	0.29	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
8023.bmp	value	4137.15	4123.48	4137.15	4034.70	4034.70	4034.70	**4023.38**	**4023.38**	**4023.38**
	bound	-Inf	-Inf	-Inf	4023.11	4023.11	4023.11	**4023.38**	**4023.38**	**4023.38**
	runtime	2.05	0.65	0.69	18.55	8.67	8.51	8.85	5.47	4.82
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.03 GB	0.03 GB	0.06 GB	0.05 GB	0.04 GB
85048.bmp	value	6388.89	6182.61	6389.64	5857.10	5857.10	5857.10	**5851.38**	**5851.38**	**5851.38**
	bound	-Inf	-Inf	-Inf	5851.05	5851.05	5851.05	**5851.38**	**5851.38**	**5851.38**
	runtime	6.13	2.24	2.18	1.18	0.54	0.58	0.74	0.42	0.54
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
86000.bmp	value	4897.04	4718.61	4897.04	4637.53	4637.53	4637.53	**4633.86**	**4633.86**	**4633.86**
	bound	-Inf	-Inf	-Inf	4633.52	4633.52	4633.52	**4633.86**	**4633.86**	**4633.86**
	runtime	4.50	0.60	1.52	0.64	0.32	0.33	0.82	0.77	0.91
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
86016.bmp	value	6821.84	6661.14	6821.84	6620.72	6620.72	6620.72	**6618.85**	**6618.85**	**6618.85**
	bound	-Inf	-Inf	-Inf	6618.83	6618.83	6618.83	**6618.85**	**6618.85**	**6618.85**
	runtime	6.12	0.33	1.89	6.06	2.88	2.84	3.07	0.73	0.56
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.04 GB	0.04 GB	0.03 GB
86068.bmp	value	5407.69	5324.67	5407.69	**5198.87**	**5198.87**	**5198.87**	**5198.87**	**5198.87**	**5198.87**
	bound	-Inf	-Inf	-Inf	**5198.87**	**5198.87**	**5198.87**	**5198.87**	**5198.87**	**5198.87**
	runtime	3.51	1.26	1.14	17.50	7.61	7.78	7.81	2.12	2.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.03 GB	0.03 GB	0.03 GB	0.05 GB	0.04 GB
87046.bmp	value	4590.21	4557.04	4590.21	**4315.53**	**4315.53**	**4315.53**	**4315.53**	**4315.53**	**4315.53**
	bound	-Inf	-Inf	-Inf	**4315.53**	**4315.53**	**4315.53**	**4315.53**	**4315.53**	**4315.53**
	runtime	2.87	1.09	0.96	4.37	2.39	2.42	2.32	1.57	1.22
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB
89072.bmp	value	4339.28	4171.06	4332.96	3935.25	3935.25	3935.25	**3933.75**	**3933.75**	**3933.75**
	bound	-Inf	-Inf	-Inf	3933.32	3933.32	3933.32	**3933.75**	**3933.75**	**3933.75**
	runtime	2.90	1.57	0.99	0.63	0.17	0.18	0.48	0.31	0.47
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB
97033.bmp	value	4722.23	4553.50	4722.23	**4320.69**	**4320.69**	**4320.69**	**4320.69**	**4320.69**	**4320.69**
	bound	-Inf	-Inf	-Inf	**4320.69**	**4320.69**	**4320.69**	**4320.69**	**4320.69**	**4320.69**
	runtime	3.16	0.37	1.09	1.25	0.56	0.55	0.56	1.18	0.52
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.04 GB	0.03 GB
mean energy		4705.07	4608.49	4705.01	4446.69	4446.57	4446.52	4442.64	4442.64	4442.64
mean bound		-Inf	-Inf	-Inf	4442.34	4442.34	4442.34	4442.64	4442.64	4442.64
mean runtime		3.98	1.46	1.35	8.54	4.34	4.34	4.89	2.43	2.24
best value		0.00	0.00	0.00	35.00	35.00	35.00	100.00	100.00	100.00
best bound		0.00	0.00	0.00	35.00	35.00	35.00	100.00	100.00	100.00
verified opt		0.00	0.00	0.00	35.00	35.00	35.00	100.00	100.00	100.00

Table 14: inclusion

inclusion		α-Exp-QPBO	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	MCI-TC-MTC-TCI	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-ILP
modelH-1-0.8-0.2	value	1595.06	1496.25	**1415.94**	**1415.94**	1496.25	1478.02	1472.44	2415.73	**1415.94**	3416.53	1416.07	4415.56	1415.96	2416.58	3416.08	5415.89	5427.91	1415.96	38541.92	5427.91	38541.92	1416.10	17442.55	1416.13	**1415.94**	Inf	1416.38	1416.38	**1415.94**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1415.57	1415.70	1415.71	1406.09	1415.71	1319.67	1404.16	1319.67	1415.68	1377.72	1415.71	**1415.94**	-Inf	-Inf	-Inf	**1415.94**
	runtime	0.04	0.02	23.95	23.72	0.01	0.07	0.98	23.12	24.54	24.54	25.03	24.77	22.68	10.32	7.74	3601.14	81.09	80.75	76.89	80.73	70.15	78.44	76.29	17.58	48.73	3600.01	3600.01	3600.01	5.95
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.06 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.29 GB	0.55 GB	0.75 GB	0.75 GB	1.57 GB	0.74 GB
modelH-10-0.8-0.2	value	1590.97	1611.33	1416.21	**1416.10**	1611.33	1484.25	1481.85	1416.21	2415.66	1416.85	1416.80	1416.69	2415.75	3415.92	5415.13	4415.43	5422.47	1416.40	31564.81	5422.47	31564.81	1416.28	28453.64	3416.10	**1416.10**	Inf	1416.36	1416.36	**1416.10**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1415.68	1415.62	1415.70	1404.47	1415.65	1317.47	1404.47	1317.47	1415.67	1355.79	1415.68	**1416.10**	-Inf	-Inf	-Inf	**1416.10**
	runtime	0.03	0.01	23.78	23.81	0.01	0.12	0.95	23.63	24.50	23.99	25.09	24.85	22.76	1.19	7.28	3600.14	70.62	71.24	76.86	75.78	80.16	75.84	76.09	20.15	131.28	3600.01	3600.00	3600.01	7.30
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.06 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.29 GB	0.51 GB	0.81 GB	0.80 GB	1.79 GB	0.74 GB
modelH-2-0.8-0.2	value	1603.85	1594.41	1423.08	1422.94	1594.41	1496.68	1479.54	2423.21	1423.42	1423.38	1423.42	6422.53	3423.03	4423.49	6422.84	3423.03	5436.16	1423.22	22488.86	5438.03	22488.86	1423.20	22488.86	7422.62	**1422.89**	Inf	1425.39	1425.39	**1422.89**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1422.79	1422.78	1422.79	1411.56	1422.78	1326.11	1411.60	1326.11	1422.79	1374.21	1422.79	**1422.89**	-Inf	-Inf	-Inf	**1422.89**
	runtime	0.03	0.01	23.74	23.75	0.01	0.10	1.19	24.04	24.38	24.24	25.49	25.22	22.65	9.62	3.92	3600.76	75.85	85.36	81.12	80.52	77.00	73.26	76.18	19.03	37.73	3600.01	3600.00	3600.00	6.51
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.05 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.29 GB	0.46 GB	0.40 GB	0.40 GB	1.34 GB	0.73 GB
modelH-3-0.8-0.2	value	1596.11	1534.26	**1381.14**	**1381.14**	1534.26	1457.62	1439.62	**1381.14**	**1381.14**	**1381.14**	**1381.14**	**1381.14**	**1381.14**	**1381.14**	**1381.14**	**1381.14**	4389.78	**1381.14**	25481.02	3390.17	25481.02	**1381.14**	1382.41	**1381.14**	**1381.14**	1384.53	1383.20	1383.20	**1381.14**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**1381.14**	**1381.14**	**1381.14**	1371.29	**1381.14**	1295.44	1372.31	1295.44	1381.10	1380.26	**1381.14**	**1381.14**	-Inf	-Inf	-Inf	**1381.14**
	runtime	0.04	0.01	1.25	1.29	0.01	0.09	1.32	0.36	1.25	0.46	9.36	4.02	2.42	4.39	5.05	4.95	75.75	28.19	81.04	70.29	80.34	77.85	70.32	17.60	22.35	3600.01	3600.00	3600.00	2.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.06 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.29 GB	0.49 GB	0.39 GB	0.38 GB	1.44 GB	0.54 GB
modelH-4-0.8-0.2	value	1595.12	1593.88	1427.32	**1427.17**	1593.88	1514.84	1498.41	5426.57	5427.08	3427.17	1427.56	2427.61	3427.02	5427.63	5426.48	5426.89	2432.97	1427.45	22502.90	2432.97	22502.90	1427.27	9443.81	11426.34	**1427.17**	1429.41	1428.28	1428.28	**1427.17**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1426.58	1426.56	1426.58	1416.80	1426.57	1330.85	1416.80	1330.85	1426.57	1406.73	1426.58	**1427.17**	-Inf	-Inf	-Inf	**1427.17**
	runtime	0.04	0.01	23.65	23.75	0.01	0.09	1.11	23.44	24.17	24.17	24.85	25.23	22.94	9.30	4.59	3708.64	80.33	76.54	80.93	76.04	76.95	79.42	75.98	18.15	92.78	3600.01	3600.00	3600.01	7.82
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.06 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.29 GB	0.50 GB	0.32 GB	0.33 GB	1.40 GB	0.72 GB
modelH-5-0.8-0.2	value	1566.58	1512.04	1384.03	1383.90	1512.04	1458.26	1441.86	2384.45	1384.03	4383.00	3383.89	2383.84	2384.33	6383.61	4383.52	6382.77	4390.47	1383.95	19459.29	4390.47	19459.29	1383.79	1383.96	5384.66	**1383.69**	Inf	1385.39	1385.39	**1383.69**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1383.25	1383.23	1383.30	1371.94	1383.24	1294.70	1371.94	1294.70	1383.24	1383.15	1383.25	**1383.69**	-Inf	-Inf	-Inf	**1383.69**
	runtime	0.03	0.02	23.97	23.95	0.01	0.08	1.26	23.97	24.32	24.97	24.69	24.82	22.58	8.35	3.48	4742.92	70.61	80.91	70.04	76.72	80.83	76.56	75.58	17.62	76.48	3600.01	3600.01	3600.00	8.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.08 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.29 GB	0.56 GB	0.42 GB	0.43 GB	1.38 GB	0.73 GB
modelH-6-0.8-0.2	value	1588.33	1571.06	1402.45	1402.45	1571.06	1478.84	1455.31	2402.49	2402.41	4402.16	2402.30	3402.15	2402.62	2402.17	2402.60	5401.70	3406.27	1402.96	34489.58	3413.11	34489.58	1402.62	15426.75	3402.44	**1402.34**	Inf	1402.78	1402.78	**1402.34**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1402.02	1401.77	1402.01	1393.05	1401.94	1315.05	1392.96	1315.05	1401.80	1369.06	1402.01	**1402.34**	-Inf	-Inf	-Inf	**1402.34**
	runtime	0.03	0.01	23.96	24.00	0.01	0.09	1.31	23.89	24.13	24.09	25.27	24.86	22.77	2.66	13.17	4800.28	81.07	76.68	77.62	80.98	83.04	71.11	77.02	20.64	129.20	3600.01	3600.01	3600.00	8.22
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.08 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.30 GB	0.51 GB	0.90 GB	0.79 GB	1.61 GB	0.74 GB
modelH-7-0.8-0.2	value	1583.36	1579.11	1403.27	**1403.25**	1579.11	1486.26	1467.39	1403.76	2403.28	4403.20	1403.61	1404.63	1404.61	3403.70	5402.97	5403.24	6418.08	1403.28	20495.17	6418.08	20495.17	1403.28	20425.85	1403.73	**1403.25**	Inf	1404.24	1404.24	**1403.25**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1403.08	1403.07	1403.08	1391.87	1403.07	1310.40	1391.87	1310.40	1402.99	1358.17	1403.08	**1403.25**	-Inf	-Inf	-Inf	**1403.25**
	runtime	0.04	0.01	23.80	23.84	0.01	0.09	1.11	23.92	24.88	24.95	25.27	24.91	22.69	2.46	8.01	4532.48	81.58	71.93	77.27	81.26	71.04	80.36	70.25	17.94	34.63	3600.00	3600.00	3600.01	6.46
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.07 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.29 GB	0.50 GB	0.29 GB	0.28 GB	1.42 GB	0.74 GB
modelH-8-0.8-0.2	value	1574.64	1551.35	**1368.33**	**1368.33**	1551.35	1442.38	1427.28	**1368.33**	**1368.33**	1368.97	3368.65	1368.33	3368.65	3368.65	3368.66	1368.55	**1368.33**	**1368.33**	25455.98	1371.01	25455.98	**1368.33**	**1368.33**	3368.30	**1368.33**	Inf	1369.63	1368.68	**1368.33**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1368.15	1368.29	1368.33	1368.23	1368.29	1289.37	1359.76	1289.37	1368.24	1368.21	1368.29	**1368.33**	-Inf	-Inf	-Inf	**1368.33**
	runtime	0.05	0.01	23.76	24.12	0.01	0.10	1.17	23.30	24.08	24.37	24.78	25.37	22.64	10.97	3.21	3600.00	77.68	80.61	81.05	81.27	75.53	75.56	75.47	17.47	15.23	3600.00	3600.01	3600.01	5.00
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.06 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.29 GB	0.46 GB	0.47 GB	0.38 GB	1.41 GB	0.73 GB
modelH-9-0.8-0.2	value	1577.25	1518.26	**1384.86**	**1384.86**	1518.26	1466.76	1448.58	**1384.86**	**1384.86**	1385.00	1385.00	**1384.86**	**1384.86**	1385.23	2385.04	3385.06	**1384.86**	**1384.86**	27494.11	1392.60	27494.11	**1384.86**	**1384.86**	2384.57	**1384.86**	Inf	1385.71	1385.71	**1384.86**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1384.82	1384.82	1384.82	1384.81	1384.81	1293.30	1374.07	1293.30	1384.81	1384.76	1384.82	**1384.86**	-Inf	-Inf	-Inf	**1384.86**
	runtime	0.03	0.02	1.47	1.49	0.01	0.08	1.04	24.53	1.47	2.43	4.37	2.48	22.66	3.07	2.94	3601.21	77.83	80.22	80.97	70.85	80.65	80.82	82.50	16.49	26.20	3600.00	3600.01	3600.01	4.64
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.05 GB	0.02 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.02 GB	0.01 GB	0.29 GB	0.50 GB	0.29 GB	0.41 GB	1.39 GB	0.73 GB
mean energy		1587.13	1556.20	1400.66	1400.61	1556.20	1476.39	1461.23	1400.66	1400.59	1400.58	1400.61	1400.58	1400.64	1694.72	1901.01	1600.79	4007.73	1400.76	26797.36	3909.68	26797.36	1400.69	11920.10	1663.97	1400.57	Inf	1401.73	1401.64	1400.57
mean bound		-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1400.31	1400.30	1400.35	1392.01	1400.32	1309.23	1389.99	1309.23	1400.29	1375.81	1400.33	1400.57	-Inf	-Inf	-Inf	1400.57
mean runtime		0.04	0.01	19.33	19.37	0.01	0.09	1.14	21.42	19.77	19.82	21.42	20.65	20.68	6.23	5.94	3579.25	77.24	73.24	78.38	77.44	77.57	76.92	75.57	18.27	61.46	3600.01	3600.01	3600.01	6.21
best value		0.00	0.00	40.00	70.00	0.00	0.00	0.00	60.00	70.00	80.00	50.00	80.00	70.00	10.00	20.00	20.00	20.00	30.00	0.00	0.00	0.00	30.00	20.00	10.00	100.00	0.00	0.00	0.00	100.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00	10.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	10.00	100.00	0.00	0.00	0.00	100.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00	10.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	10.00	100.00	0.00	0.00	0.00	100.00

Table 15: inpainting-n4

inpainting-n4		α-Exp-pct	FastPD	FastPD-pct	mrf-α-Exp-trunc-TL	mrf-$\alpha\beta$-Swap-trunc-TL	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	mrf-LBP-TL	mrf-BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	MCR-TC-MTC	MCR-pct	mrf-TRWS-TL	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-pct	MCI-TC-MTC-TCI	MCI-pct	ogm-CombiLP
triplepoint4-plain-ring-inverse	value	424.90	424.90	424.90	424.90	**424.12**	424.90	424.90	2414.29	2414.29	2414.29	494.80	494.02	466.53	**424.12**	3600.27	475.95	482.23	475.95	486.16	3600.27	807.18	1786.23	496.37	424.90	425.90	425.90	425.90	425.90	425.90	425.90	**424.12**	494.02	440.61	540475.00	439.04
	bound	-Inf	205.21	-Inf	-Inf	-Inf	205.21	205.21	-Inf	-Inf	-Inf	411.59	411.59	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	411.94	411.94	411.59	411.94	411.87	411.84	410.92	411.09	398.12	411.83	411.20	411.62	**413.12**	-Inf	408.73
	runtime	0.16	0.02	0.08	0.02	0.01	0.06	0.20	0.05	0.03	0.17	2.16	2.49	3.93	1.69	22.33	25.74	26.52	31.01	31.10	25.40	2748.68	2485.87	1.72	110.67	40.36	37.95	38.37	38.83	40.38	37.37	40.70	5.17	3599.20	3600.55	253.78
	memory (GB)	0.02 GB	0.03 GB	0.03 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB	0.03 GB	0.01 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	0.06 GB	0.06 GB	0.06 GB	0.20 GB	0.18 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	0.03 GB	0.04 GB	0.03 GB	0.04 GB	0.03 GB	0.02 GB	0.44 GB	0.41 GB	0.49 GB
triplepoint4-plain-ring	value	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	4492.29	4492.29	4492.29	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	571.77	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**	**484.59**
	bound	-Inf	384.57	-Inf	-Inf	-Inf	384.57	384.57	-Inf	-Inf	-Inf	**484.59**	**484.59**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**484.59**	**484.59**	**484.59**	**484.59**	484.59	**484.59**	**484.59**	**484.59**	**484.59**	484.33	484.59	**484.59**	**484.59**	**484.59**	**484.59**
	runtime	0.07	0.01	0.06	0.01	0.01	0.05	0.19	0.07	0.04	0.20	0.48	0.40	4.56	1.69	1.65	8.46	2.87	10.25	3.47	1.92	24.94	11.89	0.23	9.16	39.59	0.31	4.40	0.14	0.12	41.24	38.26	0.37	25.11	13.64	4.30
	memory (GB)	0.02 GB	0.03 GB	0.02 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.02 GB	0.01 GB	0.01 GB	0.06 GB	0.06 GB	0.06 GB	0.06 GB	0.06 GB	0.06 GB	0.11 GB	0.05 GB	0.01 GB	0.03 GB	0.04 GB	0.04 GB	0.03 GB	0.04 GB	0.03 GB	0.04 GB	0.03 GB	0.02 GB	0.12 GB	0.07 GB	0.04 GB
mean energy		454.75	454.75	454.75	454.75	454.35	454.75	454.75	3453.29	3453.29	3453.29	489.70	489.30	475.56	454.35	497.55	479.09	479.49	479.09	479.49	497.55	461.81	1179.00	454.75	454.75	455.25	455.25	455.25	455.25	455.25	455.25	454.35	489.30	461.81	270479.80	461.81
mean bound		-Inf	294.89	-Inf	-Inf	-Inf	294.89	294.89	-Inf	-Inf	-Inf	448.09	448.09	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	448.27	448.27	448.09	448.27	448.23	448.22	447.76	447.84	441.36	448.08	447.89	448.10	448.86	-Inf	446.66
mean runtime		0.11	0.01	0.07	0.01	0.01	0.05	0.20	0.06	0.04	0.18	1.32	1.45	4.25	1.69	11.99	17.10	14.70	20.63	17.29	13.66	1386.81	1248.88	0.97	59.91	39.98	19.13	21.38	19.49	20.25	39.31	39.48	2.77	1812.16	1807.10	129.04
best value		50.00	50.00	50.00	50.00	100.00	50.00	50.00	0.00	0.00	0.00	50.00	50.00	50.00	100.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	0.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	100.00	50.00	50.00	50.00	50.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	50.00	50.00	0.00	50.00	50.00	50.00	50.00	0.00	0.00	50.00	100.00	50.00	50.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	50.00	50.00	0.00	50.00	50.00	50.00	50.00	0.00	0.00	50.00	50.00	50.00	50.00

Table 16: inpainting-n8

inpainting-n8		α-Exp-pct	α-Exp-VIEW	FastPD	FastPD-pct	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	$\alpha\beta$-Swap-VIEW	BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	MCR-TC-MTC	MCR-pct	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-TL	TRWS-pct	MCI-TC-MTC-TCI	MCI-pct	ogm-CombiLP
triplepoint4-plain-ring-inverse	value	**434.32**	434.84	434.84	**434.32**	434.84	434.84	2412.36	2412.36	2412.36	503.52	503.40	434.84	441.22	492.72	495.84	492.72	496.40	492.72	492.72	572.95	540475.00	439.20	435.32	435.32	435.32	435.32	435.32	435.32	435.32	504.97	440.19	572.95	540475.00	435.51
	bound	-Inf	-Inf	0.00	-Inf	-408.33	-408.33	-Inf	-Inf	-Inf	413.20	413.20	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	394.85	-Inf	**415.99**	415.83	415.80	414.69	413.55	397.75	415.64	413.09	413.20	413.22	394.85	-Inf	404.91
	runtime	0.33	0.50	0.11	0.21	0.19	0.69	0.09	0.06	0.56	12.68	10.24	0.32	8.16	15.14	65.37	16.74	80.02	19.43	16.52	3598.54	3600.43	312.14	104.53	105.55	100.12	118.35	100.42	98.21	85.46	10.35	34.30	3598.53	3600.26	4156.39
	memory (GB)	0.04 GB	0.03 GB	0.04 GB	0.04 GB	0.05 GB	0.07 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB	0.05 GB	0.03 GB	0.02 GB	0.10 GB	0.10 GB	0.10 GB	0.10 GB	0.10 GB	0.10 GB	0.07 GB	0.26 GB	0.05 GB	0.10 GB	0.09 GB	0.06 GB	0.10 GB	0.06 GB	0.09 GB	0.06 GB	0.02 GB	0.03 GB	0.07 GB	0.26 GB	1.05 GB
triplepoint4-plain-ring	value	**495.20**	**495.20**	**495.20**	**495.20**	**495.20**	**495.20**	4490.36	4490.36	4490.36	**495.20**	**495.20**	**495.20**	**495.20**	**495.20**	**495.20**	**495.20**	**495.20**	**495.20**	**495.20**	785.58	745.51	**495.20**	**495.20**	495.36	498.31	**495.20**	496.20	**495.20**	498.31	**495.20**	**495.20**	**495.20**	**495.20**	**495.20**
	bound	-Inf	-Inf	272.56	-Inf	272.56	272.56	-Inf	-Inf	-Inf	494.71	494.71	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**495.20**	**495.20**	494.97	495.04	495.07	494.88	495.07	494.35	494.83	493.91	494.71	494.72	**495.20**	**495.20**	**495.20**
	runtime	0.15	0.37	0.07	0.14	0.15	0.65	0.09	0.06	0.56	9.82	10.37	0.44	7.36	4.13	18.17	6.60	19.94	7.28	4.63	547.50	141.79	282.82	88.66	90.17	86.42	86.09	99.85	101.53	86.58	9.95	5.17	733.97	158.13	79.14
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.03 GB	0.05 GB	0.07 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB	0.05 GB	0.03 GB	0.02 GB	0.10 GB	0.10 GB	0.10 GB	0.10 GB	0.10 GB	0.10 GB	0.17 GB	0.07 GB	0.05 GB	0.09 GB	0.11 GB	0.06 GB	0.11 GB	0.06 GB	0.11 GB	0.06 GB	0.02 GB	0.03 GB	0.40 GB	0.10 GB	0.22 GB
mean energy		464.76	465.02	465.02	464.76	465.02	465.02	3451.36	3451.36	3451.36	499.36	499.30	465.02	468.21	493.96	493.79	493.96	493.79	493.96	493.96	497.23	270610.25	467.20	465.26	465.34	466.81	465.26	465.76	465.26	466.81	466.80	467.69	497.01	270485.10	465.35
mean bound		-Inf	-Inf	136.28	-Inf	-67.89	-67.89	-Inf	-Inf	-Inf	453.96	453.96	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	445.02	-Inf	455.48	455.43	455.43	454.78	454.31	446.05	455.23	453.50	453.96	453.97	445.02	-Inf	450.06
mean runtime		0.24	0.43	0.09	0.17	0.17	0.67	0.09	0.06	0.56	11.25	10.24	0.38	7.76	9.64	41.77	11.67	49.98	13.36	10.58	2073.02	1871.11	297.48	96.60	97.86	93.27	102.22	100.14	99.87	86.02	10.15	19.74	2166.25	1879.20	2117.77
best value		100.00	50.00	50.00	100.00	50.00	50.00	0.00	0.00	0.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	0.00	0.00	50.00	50.00	0.00	0.00	50.00	0.00	50.00	0.00	50.00	50.00	50.00	50.00	50.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	50.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	50.00	50.00

Table 17: knott-3d-150

knott-3d-150		ogm-ICM	ogm-KL	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
gm_knott_3d_032	value	-5323.38	-5529.15	-5323.38	-5809.04	-5809.04	**-5811.47**	**-5811.47**	**-5811.47**	**-5811.47**
	bound	-Inf	-Inf	-Inf	-5812.24	-5812.24	**-5811.47**	**-5811.47**	**-5811.47**	**-5811.47**
	runtime	2.09	0.14	0.75	3.02	0.60	0.78	0.82	0.56	0.51
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
gm_knott_3d_033	value	-2450.72	-2487.31	-2450.72	**-2545.84**	**-2545.84**	**-2545.84**	**-2545.84**	**-2545.84**	**-2545.84**
	bound	-Inf	-Inf	-Inf	**-2545.84**	**-2545.84**	**-2545.84**	**-2545.84**	**-2545.84**	**-2545.84**
	runtime	2.16	0.18	0.77	101.07	7.79	7.84	7.76	0.40	0.57
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.08 GB	0.03 GB	0.03 GB	0.03 GB	0.04 GB	0.03 GB
gm_knott_3d_034	value	-3912.75	-3889.86	-3912.75	-4061.36	-4061.36	**-4064.87**	**-4064.87**	**-4064.87**	**-4064.87**
	bound	-Inf	-Inf	-Inf	-4065.78	-4065.78	**-4064.87**	**-4064.87**	**-4064.87**	**-4064.87**
	runtime	2.73	0.29	0.97	8.65	1.56	1.78	1.68	0.65	0.74
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
gm_knott_3d_035	value	-3827.57	-4561.64	-3827.57	**-4595.84**	**-4595.84**	**-4595.84**	**-4595.84**	**-4595.84**	**-4595.84**
	bound	-Inf	-Inf	-Inf	**-4595.84**	**-4595.84**	**-4595.84**	**-4595.84**	**-4595.84**	**-4595.84**
	runtime	2.57	0.17	0.87	16.07	2.98	3.00	2.97	0.28	0.29
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
gm_knott_3d_036	value	-4757.43	-5031.51	-4757.43	-5195.89	-5195.89	**-5198.37**	**-5198.37**	**-5198.37**	**-5198.37**
	bound	-Inf	-Inf	-Inf	-5198.39	-5198.39	**-5198.37**	**-5198.37**	**-5198.37**	**-5198.37**
	runtime	1.53	0.07	0.53	1.84	0.38	0.53	0.41	0.25	0.36
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.03 GB
gm_knott_3d_037	value	-4292.28	-4501.88	-4292.28	-4630.01	-4630.01	-4632.48	**-4638.99**	**-4638.99**	**-4638.99**
	bound	-Inf	-Inf	-Inf	-4640.47	-4640.47	-4640.38	**-4638.99**	**-4638.99**	**-4638.99**
	runtime	1.72	0.06	0.57	4.64	0.58	0.82	0.83	1.20	1.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
gm_knott_3d_038	value	-4449.71	-4459.46	-4449.71	**-4625.80**	**-4625.80**	**-4625.80**	**-4625.80**	**-4625.80**	**-4625.80**
	bound	-Inf	-Inf	-Inf	**-4625.80**	**-4625.80**	**-4625.80**	**-4625.80**	**-4625.80**	**-4625.80**
	runtime	2.15	0.23	0.73	4.60	0.73	0.76	0.76	0.36	0.30
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.02 GB	0.03 GB	0.02 GB
gm_knott_3d_039	value	-4420.59	-4992.50	-4420.59	-5087.40	-5087.40	**-5092.32**	**-5092.32**	**-5092.32**	**-5092.32**
	bound	-Inf	-Inf	-Inf	-5092.45	-5092.45	**-5092.32**	**-5092.32**	**-5092.32**	**-5092.32**
	runtime	1.48	0.08	0.53	1.91	0.34	0.50	0.43	0.86	0.72
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
mean energy		-4179.30	-4431.67	-4179.30	-4568.90	-4568.90	-4570.87	-4571.69	-4571.69	-4571.69
mean bound		-Inf	-Inf	-Inf	-4572.10	-4572.10	-4571.86	-4571.69	-4571.69	-4571.69
mean runtime		2.05	0.15	0.72	17.72	1.87	2.00	1.96	0.57	0.58
best value		0.00	0.00	0.00	37.50	37.50	87.50	100.00	100.00	100.00
best bound		0.00	0.00	0.00	37.50	37.50	87.50	100.00	100.00	100.00
verified opt		0.00	0.00	0.00	37.50	37.50	87.50	100.00	100.00	100.00

Table 18: knott-3d-300

knott-3d-300		ogm-ICM	ogm-KL	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
gm_knott_3d_072	value	-29971.07	-30354.28	-29972.56	-32872.16	-32987.47	**-32999.85**	**-32999.85**	**-32999.85**	**-32999.85**
	bound	-Inf	-Inf	-Inf	-33032.20	-33000.58	**-32999.85**	**-32999.85**	**-32999.85**	**-32999.85**
	runtime	74.43	14.40	26.00	3620.20	354.04	391.64	296.39	38.44	41.90
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.46 GB	0.10 GB	0.10 GB	0.22 GB	0.25 GB	0.13 GB
gm_knott_3d_073	value	-23766.70	-24368.30	-24135.32	-24346.21	-25849.06	**-25863.38**	**-25863.38**	**-25863.38**	**-25863.38**
	bound	-Inf	-Inf	-Inf	-25962.73	-25864.27	**-25863.38**	**-25863.38**	**-25863.38**	**-25863.38**
	runtime	84.70	13.99	30.47	3600.29	993.07	1084.76	858.21	33.46	49.78
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.15 GB	0.15 GB	0.37 GB	0.20 GB	0.13 GB
gm_knott_3d_074	value	-23867.35	-24035.85	-23867.35	-22839.69	-25709.66	-25709.66	-24859.42	**-25721.90**	**-25721.90**
	bound	-Inf	-Inf	-Inf	-25957.83	-25735.87	-25735.87	-25735.87	**-25721.90**	**-25721.90**
	runtime	102.03	12.80	34.62	3600.28	3600.18	3600.24	3600.22	24.80	59.57
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.22 GB	0.14 GB
gm_knott_3d_075	value	-27756.49	-28815.15	-27756.49	**-30478.37**	**-30478.37**	**-30478.37**	**-30478.37**	**-30478.37**	**-30478.37**
	bound	-Inf	-Inf	-Inf	**-30478.37**	**-30478.37**	**-30478.37**	**-30478.37**	-30496.28	**-30478.37**
	runtime	96.32	13.44	32.95	2328.37	372.89	387.31	308.91	9.81	36.59
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.31 GB	0.09 GB	0.09 GB	0.09 GB	0.17 GB	0.12 GB
gm_knott_3d_076	value	-25180.51	-25246.64	-25174.82	-27024.74	-27024.74	**-27056.99**	**-27056.99**	**-27056.99**	**-27056.99**
	bound	-Inf	-Inf	-Inf	-27057.82	-27057.82	**-27056.99**	**-27056.99**	**-27056.99**	**-27056.99**
	runtime	73.15	9.67	24.39	3439.30	492.79	490.81	378.29	20.09	48.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.57 GB	0.09 GB	0.09 GB	0.22 GB	0.20 GB	0.12 GB
gm_knott_3d_077	value	-27542.11	-27819.39	-27528.90	-29389.31	-29481.84	**-29482.24**	**-29482.24**	**-29482.24**	**-29482.24**
	bound	-Inf	-Inf	-Inf	-29513.05	-29482.26	**-29482.24**	**-29482.24**	**-29482.24**	**-29482.24**
	runtime	82.52	17.43	27.93	3600.27	402.34	532.80	406.06	20.10	50.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.10 GB	0.10 GB	0.21 GB	0.22 GB	0.13 GB
gm_knott_3d_078	value	-19340.52	-19132.84	-19367.31	-15823.44	-20099.41	-20099.41	-17264.33	**-20211.55**	**-20211.55**
	bound	-Inf	-Inf	-Inf	-20704.94	-20228.73	-20252.31	-20240.86	**-20211.55**	**-20211.55**
	runtime	101.34	13.40	35.53	3600.17	3600.09	3600.05	3600.02	1487.19	478.19
	memory (GB)	0.01 GB	0.01 GB	0.02 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.28 GB	0.16 GB
gm_knott_3d_079	value	-24147.34	-24683.01	-24147.34	-26520.59	-26578.44	**-26607.98**	**-26607.98**	**-26607.98**	**-26607.98**
	bound	-Inf	-Inf	-Inf	-26767.43	-26609.83	**-26607.98**	**-26607.98**	**-26607.98**	**-26607.98**
	runtime	60.45	10.14	20.73	3600.32	896.52	848.65	647.84	128.55	72.10
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.15 GB	0.15 GB	0.34 GB	0.25 GB	0.13 GB
mean energy		-25196.51	-25556.93	-25243.76	-26786.99	-27276.38	-27287.49	-27280.79	-27302.78	-27302.78
mean bound		-Inf	-Inf	-Inf	-27434.30	-27307.22	-27309.62	-27308.19	-27305.02	-27302.78
mean runtime		84.37	13.16	29.08	3423.65	1338.99	1367.03	1261.99	220.30	104.55
best value		0.00	0.00	0.00	12.50	12.50	75.00	75.00	100.00	100.00
best bound		0.00	0.00	0.00	12.50	12.50	75.00	75.00	87.50	100.00
verified opt		0.00	0.00	0.00	12.50	12.50	75.00	75.00	87.50	100.00

Table 19: knott-3d-450

knott-3d-450		ogm-ICM	ogm-KL	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
gm_knott_3d_096	value	-82367.79	-83436.56	-82369.50	-6504.54	-6504.54	-6504.54	-6504.54	**-89959.41**	**-89959.41**
	bound	-Inf	-Inf	-Inf	-94633.08	-94633.08	-94633.08	-94633.08	**-89959.41**	**-89959.41**
	runtime	814.51	184.49	281.09	9081.27	5297.25	5543.17	5486.84	399.33	500.23
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.34 GB	0.17 GB	0.17 GB	0.17 GB	0.79 GB	0.44 GB
gm_knott_3d_097	value	-68067.14	-69320.32	-68067.14	-4626.25	-4626.25	-4626.25	-4626.25	**-73477.55**	**-73477.55**
	bound	-Inf	-Inf	-Inf	-78026.62	-78026.62	-78026.62	-78026.62	**-73477.55**	**-73477.55**
	runtime	939.69	179.05	301.59	10714.11	7050.56	7173.39	7021.86	303.72	433.52
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.38 GB	0.18 GB	0.18 GB	0.18 GB	0.69 GB	0.43 GB
gm_knott_3d_098	value	-81022.57	-81676.37	-81022.57	-5807.00	-5807.00	-5807.00	-5807.00	**-86593.97**	**-86593.97**
	bound	-Inf	-Inf	-Inf	-91051.86	-91051.86	-91051.86	-91051.86	**-86593.97**	**-86593.97**
	runtime	857.08	170.94	292.12	8452.81	5158.60	5265.15	5153.60	497.05	916.37
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.34 GB	0.17 GB	0.17 GB	0.17 GB	0.80 GB	0.46 GB
gm_knott_3d_099	value	-80622.15	-81173.62	-80622.15	-5800.63	-5800.63	-5800.63	-5800.63	**-85908.57**	**-85908.57**
	bound	-Inf	-Inf	-Inf	-91020.66	-91020.66	-91020.66	-91020.66	-86421.04	**-86381.14**
	runtime	982.25	198.03	327.12	10801.36	6576.60	6513.55	6693.10	3600.12	3600.92
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.33 GB	0.17 GB	0.18 GB	0.17 GB	0.77 GB	0.46 GB
gm_knott_3d_100	value	-70029.23	-69788.31	-70009.39	-4148.97	-4148.97	-4148.97	-4148.97	**-76699.37**	**-76699.37**
	bound	-Inf	-Inf	-Inf	-81763.95	-81763.95	-81763.95	-81763.95	**-76699.37**	**-76699.37**
	runtime	811.50	176.43	274.46	8070.32	5251.77	5273.36	5219.51	407.26	484.70
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.32 GB	0.17 GB	0.17 GB	0.17 GB	0.79 GB	0.44 GB
gm_knott_3d_101	value	-68581.62	-69409.01	-68581.62	-4104.14	-4104.14	-4104.14	-4104.14	**-74529.51**	**-74529.51**
	bound	-Inf	-Inf	-Inf	-79463.73	-79463.73	-79463.73	-79463.73	**-74529.51**	**-74529.51**
	runtime	944.63	197.53	317.99	10854.02	7345.78	7390.57	7304.28	451.32	617.73
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.36 GB	0.18 GB	0.18 GB	0.18 GB	0.76 GB	0.47 GB
gm_knott_3d_102	value	-60622.60	-61743.77	-60761.21	-3926.11	-3926.11	-3926.11	-3926.11	**-66482.68**	**-66482.68**
	bound	-Inf	-Inf	-Inf	-71160.72	-71160.72	-71160.72	-71160.72	**-66482.68**	**-66482.68**
	runtime	850.08	192.10	297.73	10359.02	7392.13	7439.46	7285.17	311.22	880.78
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.38 GB	0.20 GB	0.19 GB	0.19 GB	0.76 GB	0.47 GB
gm_knott_3d_103	value	-68403.19	-68962.60	-68403.19	-4221.22	-4221.22	-4221.22	-4221.22	-71431.63	**-71790.55**
	bound	-Inf	-Inf	-Inf	-79062.14	-79062.14	-79062.14	-79062.14	-73984.87	**-73934.38**
	runtime	869.31	196.54	292.45	10182.73	7162.02	7043.00	7068.80	3602.97	3604.91
	memory (GB)	0.03 GB	0.03 GB	0.04 GB	0.39 GB	0.18 GB	0.18 GB	0.18 GB	0.83 GB	0.54 GB
mean energy		-72464.54	-73188.82	-72479.60	-4892.36	-4892.36	-4892.36	-4892.36	-78378.83	-78379.99
mean bound		-Inf	-Inf	-Inf	-83272.85	-83272.85	-83272.85	-83272.85	-78518.55	-78507.25
mean runtime		883.63	186.89	298.07	9814.45	6404.34	6455.21	6404.14	1196.62	1379.90
best value		0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.50	87.50
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.00	100.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.00	75.00

Table 20: matching

matching		α-Exp-QPBO	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-TRWS-LF1	ogm-TRWS-LF2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	TRWS-TAB	BRAOBB-1	BRAOBB-2	BRAOBB-3	ADDD-BB	ogm-ASTAR	ogm-CombiLP	ogm-ILP
matching0	value	1130000000000.00	48.18	45.71	32.84	48.18	36.59	32.68	59.99	34.15	50.66	60000000075.71	60000000075.71	60000000075.71	60000000075.71	60000000075.71	60000000075.71	200000000047.27	90000000059.69	**19.36**	47.83	58.64	91.23	91.25	86.24	93.19	86.24	78.50	150000000041.25	61.05	**19.36**	**19.36**	**19.36**	**19.36**	**19.36**	**19.36**	**19.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	11.02	11.02	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	11.56	10.96	**19.36**	9.95	11.27	11.37	9.17	10.39	9.17	11.37	9.17	11.56	11.02	-Inf	-Inf	-Inf	-Inf	**19.36**	**19.36**	**19.36**
	runtime	0.00	0.00	0.00	0.08	0.00	0.12	12.09	0.02	0.18	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.12	4.42	2619.61	1.05	1.05	0.91	1.04	0.90	1.05	0.88	8.92	0.02	1.37	7.50	30.28	587.37	0.43	323.51	1039.99
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.01 GB	0.03 GB	0.03 GB	0.32 GB	0.01 GB	0.03 GB	0.10 GB	0.11 GB
matching1	value	1710000000000.00	131.43	122.90	**23.58**	131.43	41.02	41.02	102.20	37.05	**23.58**	170000000090.50	170000000090.50	170000000090.50	170000000090.50	170000000090.50	170000000090.50	70000000031.36	50000000030.34	**23.58**	24.82	10000000021.89	10000000021.89	10000000130.60	10000000021.89	20000000084.57	10000000021.89	10000000120.02	70000000031.36	102.20	**23.58**	**23.58**	**23.58**	**23.58**	**23.58**	**23.58**	**23.58**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	18.52	18.52	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	20.13	18.47	**23.58**	20.05	17.48	19.63	11.82	17.48	11.82	17.48	11.82	20.14	18.52	-Inf	-Inf	-Inf	**23.58**	**23.58**	**23.58**	**23.58**
	runtime	0.00	0.00	0.00	0.24	0.00	0.48	12.89	0.02	0.48	0.12	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.31	2.48	1845.52	1.90	1.89	1.63	1.90	1.70	1.91	1.58	30.26	0.02	2.17	8.14	44.31	1495.37	0.74	284.59	114.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.01 GB	0.04 GB	0.04 GB	0.55 GB	0.02 GB	0.03 GB	0.14 GB	0.15 GB
matching2	value	1900000000000.00	164.21	132.20	59.42	164.21	56.86	56.86	51.59	36.42	59.82	110000000096.00	110000000096.00	110000000096.00	110000000096.00	110000000096.00	110000000096.00	20000000026.59	30000000025.18	**26.08**	26.57	20000000043.93	10000000046.64	20000000094.35	20000000043.93	10000000129.63	20000000043.93	20000000107.56	20000000026.59	51.59	**26.08**	**26.08**	**26.08**	**26.08**	**26.08**	**26.08**	**26.08**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	21.18	21.18	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	22.97	21.07	**26.08**	22.91	19.87	22.09	8.06	19.87	8.06	19.87	8.06	22.99	21.18	-Inf	-Inf	-Inf	**26.08**	**26.08**	**26.08**	**26.08**
	runtime	0.00	0.00	0.00	0.31	0.00	0.46	18.89	0.06	0.46	0.15	0.00	0.00	0.00	0.00	0.00	0.00	1.97	0.49	4.88	372.97	2.26	2.28	2.10	2.26	1.99	2.26	1.94	35.18	0.06	3.20	9.21	63.91	1538.68	1.75	85.81	73.94
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB	0.01 GB	0.06 GB	0.06 GB	0.81 GB	0.02 GB	0.05 GB	0.17 GB	0.17 GB
matching3	value	1120000000000.00	39.10	42.68	36.44	39.10	28.67	28.67	32.06	25.60	26.98	80000000066.03	80000000066.03	80000000066.03	80000000066.03	80000000066.03	80000000066.03	130000000051.70	90000000051.81	**15.86**	30.67	10000000042.82	10000000055.67	81.55	10000000042.82	96.94	10000000042.82	79.61	170000000047.82	41.92	**15.86**	**15.86**	**15.86**	150000000049.50	**15.86**	**15.86**	**15.86**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	10.14	10.14	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	10.72	10.15	**15.86**	9.59	9.25	10.55	8.03	9.25	8.03	9.25	8.03	10.72	10.14	-Inf	-Inf	-Inf	-Inf	**15.86**	**15.86**	**15.86**
	runtime	0.00	0.00	0.00	0.11	0.00	0.11	5.51	0.01	0.15	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.11	2.27	684.08	1.04	1.05	0.90	1.04	0.90	1.05	0.87	11.14	0.01	1.47	7.51	28.24	1146.67	0.29	564.18	380.25
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.01 GB	0.03 GB	0.03 GB	0.32 GB	0.01 GB	0.03 GB	0.10 GB	0.10 GB
mean energy		1465000000000.00	95.73	85.87	38.07	95.73	40.79	39.81	61.46	33.31	33.97	97500000064.52	97500000064.52	97500000064.52	97500000064.52	97500000064.52	97500000064.52	105000000039.23	32500000039.98	21.22	32.47	10000000041.82	7500000053.86	7500000099.44	10000000048.72	7500000101.08	10000000048.72	7500000096.42	102500000036.76	43.38	21.22	21.22	21.22	37500000029.63	21.22	21.22	21.22
mean bound		-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	15.22	15.22	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	16.35	15.16	21.22	15.62	14.47	15.91	9.27	14.25	9.27	14.49	9.27	16.35	15.22	-Inf	-Inf	-Inf	-Inf	21.22	21.22	21.22
mean runtime		0.00	0.00	0.00	0.19	0.00	0.29	12.35	0.03	0.32	0.11	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.26	3.51	1380.55	1.56	1.57	1.38	1.56	1.37	1.57	1.32	21.38	0.03	2.05	8.09	41.69	1192.02	0.80	314.52	402.09
best value		0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	75.00	100.00	100.00	100.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	100.00	100.00	100.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	100.00	100.00	100.00

Table 21: modularity-clustering

modularity-clustering		ogm-ICM	ogm-KL	ogm-LF-1	MCR-CC	MCR-CCFDB	MCR-CCFDB-OWC	MCI-CCFDB-CCIFD	MCI-CCI	MCI-CCIFD
adjnoun	value	0.0000	**-0.2980**	0.0000	-0.1273	-0.1273	-0.1512	0.0000	0.0000	0.0000
	bound	-Inf	-Inf	-Inf	-0.4113	-0.4113	**-0.3368**	-0.3727	-0.4374	-0.4496
	runtime	0.16	0.01	0.05	246.57	8.44	3600.51	3601.32	3601.25	3601.25
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.11 GB	0.03 GB	0.01 GB	1.58 GB	2.69 GB	3.02 GB
dolphins	value	0.0000	-0.5268	0.0000	-0.5192	-0.5192	**-0.5285**	**-0.5285**	**-0.5285**	**-0.5285**
	bound	-Inf	-Inf	-Inf	-0.5315	-0.5315	**-0.5285**	**-0.5285**	**-0.5285**	**-0.5285**
	runtime	0.03	0.00	0.01	2.06	0.17	1.04	0.57	14.92	8.23
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.03 GB	0.02 GB	0.02 GB	0.03 GB	0.04 GB	0.03 GB
football	value	0.0000	**-0.6046**	0.0000	-0.5878	-0.5878	**-0.6046**	**-0.6046**	**-0.6046**	**-0.6046**
	bound	-Inf	-Inf	-Inf	-0.6056	-0.6056	**-0.6046**	**-0.6046**	**-0.6046**	**-0.6046**
	runtime	0.18	0.01	0.06	158.57	0.95	6.89	2.08	22.36	12.88
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.14 GB	0.03 GB	0.03 GB	0.06 GB	0.11 GB	0.07 GB
karate	value	0.0000	**-0.4198**	0.0000	**-0.4198**	**-0.4198**	**-0.4198**	**-0.4198**	**-0.4198**	**-0.4198**
	bound	-Inf	-Inf	-Inf	**-0.4198**	**-0.4198**	**-0.4198**	**-0.4198**	**-0.4198**	**-0.4198**
	runtime	0.00	0.00	0.00	0.06	0.01	0.01	0.01	0.13	0.05
	memory (GB)	0.00 GB	0.00 GB	0.00 GB	0.02 GB	0.01 GB	0.01 GB	0.01 GB	0.02 GB	0.02 GB
lesmis	value	0.0000	-0.5443	0.0000	-0.5549	-0.5549	**-0.5600**	**-0.5600**	**-0.5600**	**-0.5600**
	bound	-Inf	-Inf	-Inf	-0.5609	-0.5609	**-0.5600**	**-0.5600**	**-0.5600**	**-0.5600**
	runtime	0.05	0.00	0.02	1.05	0.15	1.01	0.21	2.62	0.55
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.02 GB	0.02 GB	0.03 GB	0.06 GB	0.03 GB
polbooks	value	0.0000	-0.5226	0.0000	-0.5166	-0.5166	**-0.5272**	**-0.5272**	-0.4743	-0.5266
	bound	-Inf	-Inf	-Inf	-0.5276	-0.5276	**-0.5272**	**-0.5272**	-0.5446	-0.5430
	runtime	0.13	0.00	0.04	193.92	3.16	7.04	4.06	3601.13	3601.22
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.10 GB	0.03 GB	0.03 GB	0.05 GB	2.66 GB	2.11 GB
mean energy		0.0000	-0.4860	0.0000	-0.4619	-0.4643	-0.4682	-0.4613	-0.4312	-0.4399
mean bound		-Inf	-Inf	-Inf	-0.5094	-0.5094	-0.4962	-0.5021	-0.5158	-0.5176
mean runtime		0.09	0.01	0.03	100.37	2.15	602.75	601.38	1207.07	1204.03
best value		0.00	50.00	0.00	33.33	16.67	83.33	83.33	66.67	66.67
best bound		0.00	0.00	0.00	16.67	16.67	100.00	83.33	66.67	66.67
verified opt		0.00	0.00	0.00	16.67	16.67	83.33	83.33	66.67	66.67

Table 22: mrf-inpainting

mrf-inpainting		FastPD	mrf-α-Exp-trunc-TL	mrf-αβ-Swap-trunc-TL	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	mrf-LBP-TL	mrf-BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	mrf-TRWS-TL	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-CombiLP
house-gm	value	49321973.00	38603213.00	37840326.00	38555704.00	38125548.00	42102178.00	42102178.00	41811448.00	37580589.00	37580556.00	37634558.00	37676160.00	56997953.00	43851528.00	48852713.00	69205726.00	50998860.00	57903754.00	37580728.00	37599502.00	79212319.00	79212319.00	68166870.00	79212319.00	53345624.00	79212319.00	79212319.00	**37580540.00**
	bound	0.00	-Inf	-Inf	-1498818487.00	-1498818487.00	-Inf	-Inf	-Inf	**37580520.06**	**37580520.06**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**37580520.06**	37563556.37	34486586.06	34066514.56	34936077.92	34504345.35	33143400.50	34362611.31	34301743.44	37580514.13
	runtime	13.20	73.29	156.01	269.50	12283.37	358.06	116.31	3600.29	998.63	3584.31	853.34	839.61	3735.01	3753.39	3756.03	3667.92	3665.40	3792.86	821.96	4168.10	3616.15	3619.02	3664.74	3672.82	3668.48	3657.19	3655.93	84622.94
	memory (GB)	4.10 GB	0.30 GB	0.33 GB	4.14 GB	4.15 GB	0.47 GB	0.29 GB	0.31 GB	0.99 GB	1.01 GB	0.63 GB	0.82 GB	2.97 GB	2.97 GB	2.97 GB	2.97 GB	2.97 GB	2.97 GB	0.82 GB	2.46 GB	2.65 GB	2.65 GB	0.79 GB	2.65 GB	0.79 GB	2.65 GB	0.79 GB	2.09 GB
penguin-gm	value	16556887.00	15929124.00	16270778.00	16463170.00	16292751.00	22832794.00	22833622.00	20566293.00	15347441.00	**15347102.00**	15560171.00	15548905.00	17451194.00	15647443.00	15424206.00	15877623.00	15522719.00	17906899.00	15349002.00	15376035.00	32853601.00	33012494.00	26026069.00	32853601.00	22083906.00	32853601.00	32845219.00	15355312.00
	bound	0.00	-Inf	-Inf	-285152557.00	-285152557.00	-Inf	-Inf	-Inf	15344381.12	15344381.12	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**15344381.12**	15327572.84	14401679.15	14378032.24	14569121.83	14401679.15	13648440.50	14404565.56	14435505.19	15343234.65
	runtime	2.25	10.84	28.12	78.58	2246.09	101.06	35.12	3600.14	360.63	1223.75	294.48	347.09	3619.79	3630.26	3616.09	3618.00	3622.21	3629.46	304.35	3616.18	3606.27	3611.12	3605.31	3607.24	3618.30	3613.45	3602.07	12823.52
	memory (GB)	1.37 GB	0.10 GB	0.14 GB	1.38 GB	1.38 GB	0.12 GB	0.10 GB	0.10 GB	0.33 GB	0.34 GB	0.21 GB	0.28 GB	0.99 GB	0.99 GB	0.99 GB	0.99 GB	0.99 GB	0.99 GB	0.28 GB	1.16 GB	0.90 GB	0.91 GB	0.27 GB	0.92 GB	0.27 GB	0.90 GB	0.27 GB	0.83 GB
mean energy		32939430.00	27266168.50	27055552.00	27509437.00	27209149.50	32467486.00	32467900.00	31188870.50	26464015.00	26463829.00	26596968.00	26612532.50	37224573.50	29746129.50	32136405.50	33445889.00	33260789.50	37903121.00	26464759.00	26487768.50	56032960.00	56112406.50	47096469.50	56032960.00	37714765.00	56032960.00	56028769.00	26467926.00
mean bound		0.00	-Inf	-Inf	-891985522.00	-891985522.00	-Inf	-Inf	-Inf	26462450.59	26462450.59	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	26462450.59	26445564.61	24444132.61	24222273.40	24752599.88	24453012.25	23395920.50	24383588.44	24368624.32	26461874.39
mean runtime		7.72	42.07	92.06	174.04	7264.73	229.56	75.71	3600.18	679.63	2404.03	573.91	593.35	3677.40	3691.83	3686.06	3642.96	3643.81	3711.16	563.15	3892.14	3611.21	3615.07	3635.02	3640.03	3643.39	3635.32	3629.00	48723.23
best value		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 23: mrf-photomontage

mrf-photomontage		mrf-α-Exp-trunc-TAB	mrf-αβ-Swap-trunc-TAB	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	mrf-LBP-TAB	mrf-BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	mrf-TRWS-TAB	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-CombiLP
family-gm	value	**185653.00**	189265.00	2963573.00	2963573.00	2613758.00	2308674.00	1302495.00	623583.00	3594545.00	2055054.00	668157.00	654347.00	668157.00	654347.00	2055054.00	2310411.00	199671.00	969043.00	709119.00	4543719.00	969043.00	4543719.00	969043.00	4543719.00	254600.00
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	184540.91	184540.91	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	184540.79	**184568.39**	177885.82	176721.06	40146.49	177885.82	34594.00	177885.82	153739.11	183016.65
	runtime	7.94	5.78	1.19	0.66	6.89	174.74	157.44	319.13	135.20	869.03	970.77	937.04	1271.29	1255.17	1016.59	143.08	3603.41	1411.04	1346.77	1413.45	1365.86	1405.33	1337.74	1215.18	3620.71
	memory (GB)	0.66 GB	0.66 GB	0.57 GB	0.69 GB	0.78 GB	1.00 GB	1.09 GB	0.68 GB	0.85 GB	1.90 GB	1.90 GB	1.90 GB	1.96 GB	1.96 GB	1.96 GB	0.85 GB	0.95 GB	1.44 GB	1.45 GB	1.10 GB	1.44 GB	1.10 GB	1.45 GB	1.10 GB	2.75 GB
pano-gm	value	**151261.00**	152452.00	36189600000.00	36189600000.00	36189600000.00	171244.00	167891.00	253639.00	840614.00	298443.00	247614.00	255634.00	247614.00	255634.00	298443.00	175877.00	171449.00	383115.00	489293.00	3149855.00	383115.00	5953621.00	445030.00	1468640.00	175107.00
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	149113.34	149113.34	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	149113.34	**149980.28**	46481.50	45479.65	11864.00	46481.50	11864.00	46569.41	38851.59	147992.79
	runtime	6.80	13.76	2.12	1.01	15.41	507.70	489.51	598.33	241.54	1620.77	1143.08	498.95	2320.47	1762.00	1950.31	264.50	3607.08	1871.25	1829.49	1818.66	1897.81	1843.73	1821.11	1783.27	3794.70
	memory (GB)	0.89 GB	0.89 GB	0.58 GB	0.72 GB	0.81 GB	1.37 GB	1.46 GB	0.93 GB	1.36 GB	2.35 GB	2.35 GB	2.35 GB	2.42 GB	2.42 GB	2.42 GB	1.36 GB	1.09 GB	1.78 GB	1.79 GB	1.26 GB	1.77 GB	1.26 GB	1.78 GB	1.26 GB	7.63 GB
mean energy		168457.00	170858.50	18096281786.50	18096281786.50	18096106879.00	1239959.00	735193.00	438611.00	2217579.50	1146880.50	457883.00	454989.00	457883.00	454989.00	1146880.50	234150.50	185560.00	676079.00	599206.00	3846787.00	676079.00	5248670.00	707036.50	3006179.50	214853.50
mean bound		-Inf	-Inf	-Inf	-Inf	-Inf	166827.12	166827.12	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	166827.07	167274.34	112183.66	111100.35	26005.24	112183.66	23229.00	112227.62	96295.35	165504.72
mean runtime		7.37	9.77	1.66	0.84	11.15	341.22	323.48	458.73	188.37	1244.90	1056.92	717.99	1795.88	1508.58	1483.45	203.79	3605.24	1641.14	1588.13	1616.05	1631.83	1624.53	1579.42	1499.23	3707.70
best value		100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 24: mrf-stereo

mrf-stereo		FastPD	mrf-α-Exp-trunc-TAB	mrf-α-Exp-trunc-TL	mrf-αβ-Swap-trunc-TAB	mrf-αβ-Swap-trunc-TL	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	mrf-LBP-TAB	mrf-LBP-TL	mrf-BPS-TAB	mrf-BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	mrf-TRWS-TAB	mrf-TRWS-TL	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-CombiLP
ted-gm	value	1344017.00	**1342604.00**	1343496.00	1351711.00	1349180.00	1344017.00	1343939.00	3533002.00	3545259.00	1890935.00	1345541.00	1343593.00	1393291.00	1393301.00	1430088.00	1430085.00	2649457.00	1421463.00	1431438.00	1442786.00	1429727.00	2657743.00	1346111.00	1346132.00	1350174.00	1527194.00	1516546.00	1931169.00	1527194.00	2453438.00	1527194.00	1776298.00	1345421.00
	bound	395613.00	-Inf	-Inf	-Inf	-Inf	-9274247.00	-9274247.00	-Inf	-Inf	-Inf	**1337092.22**	**1337092.22**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1337090.34	**1337092.22**	1336814.31	1335878.81	1336308.84	1314074.59	1335878.81	1164303.50	1335882.82	1325004.18	1336911.13
	runtime	6.47	37.11	20.36	30.07	20.29	41.07	404.22	11.89	4.73	787.26	371.94	733.73	3605.13	346.61	3601.10	357.47	3611.97	3608.37	3606.06	3615.44	3624.75	3604.27	2368.59	360.22	3621.51	3601.40	3602.11	3603.31	3607.94	3610.67	3609.45	3610.78	1161.32
	memory (GB)	2.55 GB	9.75 GB	0.26 GB	9.75 GB	0.26 GB	2.66 GB	2.70 GB	0.22 GB	0.27 GB	0.30 GB	0.56 GB	0.59 GB	9.94 GB	0.45 GB	19.62 GB	0.56 GB	2.22 GB	2.22 GB	2.22 GB	2.24 GB	2.24 GB	2.24 GB	19.62 GB	0.56 GB	0.98 GB	1.93 GB	1.94 GB	0.75 GB	1.91 GB	0.75 GB	1.93 GB	0.75 GB	7.17 GB
tsu-gm	value	370825.00	370616.00	371023.00	371814.00	373007.00	370825.00	370787.00	2940925.00	2916982.00	1795760.00	369255.00	369255.00	406896.00	406896.00	427036.00	427036.00	567658.00	410334.00	407163.00	410079.00	407163.00	567658.00	369279.00	369252.00	**369218.00**	**369218.00**	**369218.00**	**369218.00**	**369218.00**	892787.00	369223.00	372362.00	**369218.00**
	bound	31900.00	-Inf	-Inf	-Inf	-Inf	-9205086.00	-9205086.00	-Inf	-Inf	-Inf	369217.57	369217.57	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	369217.58	369217.58	**369218.00**	369218.00	369216.38	369218.00	369218.00	304814.50	369216.26	369055.80	**369218.00**
	runtime	0.79	4.15	3.40	3.48	3.25	2.85	20.01	1.45	0.63	29.80	48.43	63.71	646.37	86.62	249.16	57.11	1051.00	1133.05	817.24	1840.91	1832.49	1672.70	289.31	56.99	2263.84	824.03	929.43	889.96	493.69	919.49	931.80	888.76	253.92
	memory (GB)	0.50 GB	0.54 GB	0.10 GB	0.54 GB	0.10 GB	0.57 GB	0.60 GB	0.11 GB	0.14 GB	0.17 GB	0.20 GB	0.23 GB	0.57 GB	0.13 GB	1.04 GB	0.15 GB	0.66 GB	0.66 GB	0.66 GB	0.67 GB	0.67 GB	0.67 GB	1.05 GB	0.15 GB	0.29 GB	0.54 GB	0.52 GB	0.29 GB	0.53 GB	0.29 GB	0.54 GB	0.29 GB	0.55 GB
ven-gm	value	3127923.00	3124809.00	3131528.00	3262995.00	4059610.00	3124914.00	3119727.00	18603670.00	18603670.00	18502424.00	3048402.00	3048283.00	3099731.00	3099832.00	3358967.00	3358967.00	4429204.00	3118205.00	3131888.00	3117685.00	3131420.00	4430217.00	3048406.00	3048402.00	3048562.00	3050641.00	3049987.00	3068343.00	3050152.00	4156261.00	3049753.00	3137941.00	**3048043.00**
	bound	475665.00	-Inf	-Inf	-Inf	-Inf	-82006513.00	-82006513.00	-Inf	-Inf	-Inf	3047929.80	3047929.80	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	3047929.80	3047929.80	3047961.42	3047878.12	3047874.27	3047302.01	3047873.00	2737697.50	3047850.10	3044964.92	**3048043.00**
	runtime	2.05	10.17	10.31	14.91	15.83	6.60	46.38	2.17	0.83	43.81	259.93	300.27	1425.08	293.07	570.04	258.68	2498.34	2662.78	2684.32	3601.67	3602.47	3602.14	664.37	232.01	3604.03	1911.37	1924.91	1803.52	1909.86	1802.18	1910.21	1800.71	1092.53
	memory (GB)	0.91 GB	1.19 GB	0.15 GB	1.19 GB	0.15 GB	1.02 GB	1.05 GB	0.16 GB	0.21 GB	0.25 GB	0.33 GB	0.36 GB	1.25 GB	0.21 GB	2.35 GB	0.25 GB	1.10 GB	1.10 GB	1.10 GB	1.12 GB	1.12 GB	1.12 GB	2.35 GB	0.25 GB	0.47 GB	0.87 GB	0.90 GB	0.47 GB	0.89 GB	0.48 GB	0.89 GB	0.48 GB	2.55 GB
mean energy		1614255.00	1612676.33	1615349.00	1662173.33	1927265.67	1613252.00	1611484.33	8359199.00	8355303.67	7396373.00	1587732.67	1587043.67	1633281.67	1633281.67	1738695.67	1738695.67	2546538.00	1649939.33	1656538.67	1656827.67	1655865.00	2547961.67	1587269.67	1587269.67	1589318.00	1649017.67	1645250.33	1789576.67	1648854.67	2500828.67	1648723.33	1762200.33	1587560.67
mean bound		301059.33	-Inf	-Inf	-Inf	-Inf	-33495282.00	-33495282.00	-Inf	-Inf	-Inf	1584746.53	1584746.53	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1584745.90	1584746.53	1584664.58	1584324.98	1584466.49	1576864.87	1584323.27	1402271.83	1584316.40	1579674.96	1584724.04
mean runtime		3.11	17.14	11.36	16.15	13.12	16.84	156.87	5.17	2.07	286.95	226.77	365.90	1892.20	242.10	1473.43	224.42	2387.10	2468.07	2369.21	3019.34	3019.90	2959.70	1518.01	216.41	3163.13	2112.27	2152.15	2098.93	2003.83	2110.78	2150.49	2100.09	835.92
best value		0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	33.33	33.33	33.33	33.33	0.00	0.00	0.00	66.67
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	33.33	33.33	0.00	0.00	33.33	0.00	0.00	0.00	66.67
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	33.33	0.00	0.00	33.33	0.00	0.00	0.00	66.67

Table 25: object-seg

object-seg		α-Exp-pct	FastPD	FastPD-pct	mrf-α-Exp-trunc-TL	mrf-αβ-Swap-trunc-TL	ogm-FastPD-LF1	ogm-FastPD-LF2	ogm-ICM	ogm-LF-1	ogm-LF-2	ogm-TRWS-LF1	ogm-TRWS-LF2	mrf-LBP-TL	mrf-BPS-TL	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	MCR-TC-MTC	MCR-pct	mrf-TRWS-TL	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-pct	MCI-TC-MTC-TCI	MCI-pct	ogm-CombiLP
objseg-349	value	**2369.37**	**2369.37**	**2369.37**	**2369.37**	**2369.37**	**2369.37**	**2369.37**	36071.66	36071.66	36041.08	**2369.37**	**2369.37**	3055.51	5529.63	6063.07	3550.77	3560.35	3550.77	3560.35	6063.07	**2369.37**	**2369.37**	**2369.37**	**2369.37**	2369.77	**2369.37**	2371.36	**2369.37**	7920.25	2378.03	2469.63	**2369.37**	**2369.37**	**2369.37**	**2369.37**
	bound	-Inf	1223.09	-Inf	-Inf	-Inf	1074.50	1074.50	-Inf	-Inf	-Inf	**2369.37**	**2369.37**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**2369.37**	**2369.37**	**2369.37**	**2369.37**	2368.59	2368.93	2366.03	2369.25	1765.64	2365.27	2346.76	**2369.37**	**2369.37**	**2369.37**	**2369.37**
	runtime	0.19	0.06	0.18	0.14	0.13	0.21	0.86	0.14	0.08	0.73	3.68	3.72	24.03	8.01	96.59	116.48	58.05	150.11	144.96	113.38	27.55	0.37	2.39	125.31	150.96	146.02	139.40	151.57	145.55	155.62	136.35	0.24	30.04	0.40	33.01
	memory (GB)	0.07 GB	0.10 GB	0.07 GB	0.04 GB	0.04 GB	0.15 GB	0.16 GB	0.05 GB	0.07 GB	0.09 GB	0.08 GB	0.08 GB	0.04 GB	0.04 GB	0.26 GB	0.27 GB	0.26 GB	0.28 GB	0.27 GB	0.27 GB	0.50 GB	0.07 GB	0.04 GB	0.12 GB	0.21 GB	0.20 GB	0.15 GB	0.20 GB	0.15 GB	0.20 GB	0.15 GB	0.07 GB	0.50 GB	0.07 GB	0.21 GB
objseg-353	value	40635.99	40635.99	40635.99	40635.99	40636.25	40635.99	40635.99	53431.33	53431.33	53415.25	**40634.11**	**40634.11**	42880.28	46957.98	44360.22	43435.07	43411.77	43435.07	43411.77	44360.22	45930.79	42024.34	**40634.11**	**40634.11**	**40634.11**	**40634.11**	41202.59	40650.18	59901.43	40648.37	42355.09	**40634.11**	**40634.11**	**40634.11**	**40634.11**
	bound	-Inf	37900.02	-Inf	-Inf	-Inf	32234.40	32234.40	-Inf	-Inf	-Inf	**40634.11**	**40634.11**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**40634.11**	**40634.11**	**40634.11**	**40634.11**	40633.43	40633.06	40610.64	40630.88	39127.46	40632.30	40585.06	**40634.11**	**40634.11**	**40634.11**	**40634.11**
	runtime	0.68	0.19	0.55	0.65	0.39	0.51	2.33	0.26	0.11	1.93	2.59	2.58	32.41	13.09	166.14	84.70	30.33	282.82	278.09	227.15	1909.05	304.97	1.86	81.54	215.57	210.66	204.37	211.34	202.48	216.94	190.08	3.05	1944.40	341.63	39.74
	memory (GB)	0.07 GB	0.15 GB	0.08 GB	0.05 GB	0.05 GB	0.20 GB	0.22 GB	0.06 GB	0.08 GB	0.09 GB	0.09 GB	0.09 GB	0.05 GB	0.05 GB	0.29 GB	0.29 GB	0.29 GB	0.30 GB	0.30 GB	0.30 GB	0.86 GB	0.20 GB	0.05 GB	0.13 GB	0.24 GB	0.23 GB	0.16 GB	0.23 GB	0.16 GB	0.24 GB	0.16 GB	0.08 GB	1.81 GB	0.39 GB	0.28 GB
objseg-358	value	**38019.34**	**38019.34**	**38019.34**	**38019.34**	38040.11	**38019.34**	**38019.34**	51830.68	51830.68	51827.77	**38019.34**	**38019.34**	38669.97	42852.69	39263.31	38903.29	38908.23	38903.29	38908.23	39263.31	**38019.34**	38140.06	**38019.34**	**38019.34**	**38019.34**	**38019.34**	**38019.34**	38155.93	43300.36	38019.34	38500.24	**38019.34**	**38019.34**	**38019.34**	**38019.34**
	bound	-Inf	36187.00	-Inf	-Inf	-Inf	23228.50	23228.50	-Inf	-Inf	-Inf	**38019.34**	**38019.34**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**38019.34**	**38019.34**	**38019.34**	**38019.34**	**38019.34**	38019.31	38019.34	38004.90	37102.97	38019.15	37984.07	**38019.34**	**38019.34**	**38019.34**	**38019.34**
	runtime	0.25	0.10	0.22	0.37	0.17	0.32	1.27	0.18	0.09	1.04	3.29	3.32	28.32	9.58	112.16	79.91	27.53	185.89	178.76	141.28	85.88	4.47	2.26	111.34	65.97	181.32	166.99	178.65	171.29	169.05	158.56	0.55	81.22	4.87	33.64
	memory (GB)	0.07 GB	0.12 GB	0.07 GB	0.04 GB	0.04 GB	0.17 GB	0.18 GB	0.05 GB	0.08 GB	0.09 GB	0.09 GB	0.09 GB	0.05 GB	0.04 GB	0.27 GB	0.27 GB	0.27 GB	0.28 GB	0.28 GB	0.28 GB	0.54 GB	0.09 GB	0.05 GB	0.12 GB	0.22 GB	0.22 GB	0.16 GB	0.22 GB	0.16 GB	0.21 GB	0.16 GB	0.07 GB	0.54 GB	0.11 GB	0.19 GB
objseg-416	value	**38160.79**	**38160.79**	**38160.79**	**38160.79**	38167.92	**38160.79**	**38160.79**	93334.53	93334.53	92314.06	**38160.79**	**38160.79**	38807.48	44004.04	39145.69	38918.66	38952.78	38918.66	38952.78	39145.69	**38160.79**	38435.77	**38160.79**	**38160.79**	**38160.79**	**38160.79**	**38160.79**	38194.95	45262.45	38161.64	39767.52	**38160.79**	**38160.79**	**38160.79**	**38160.79**
	bound	-Inf	36568.50	-Inf	-Inf	-Inf	36145.52	36145.52	-Inf	-Inf	-Inf	**38160.79**	**38160.79**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**38160.79**	**38160.79**	**38160.79**	**38160.79**	38160.79	38160.68	38160.79	38158.43	37117.33	38160.20	38133.98	**38160.79**	**38160.79**	**38160.79**	**38160.79**
	runtime	0.25	0.09	0.23	0.28	0.15	0.34	1.27	0.20	0.12	1.17	3.89	3.86	28.56	10.14	113.00	140.54	142.02	184.46	180.50	141.93	64.18	1.62	2.46	100.59	106.15	181.40	183.87	181.26	184.85	182.48	181.20	0.53	66.96	1.88	32.16
	memory (GB)	0.07 GB	0.12 GB	0.07 GB	0.04 GB	0.04 GB	0.17 GB	0.18 GB	0.06 GB	0.08 GB	0.09 GB	0.09 GB	0.09 GB	0.05 GB	0.05 GB	0.27 GB	0.27 GB	0.27 GB	0.28 GB	0.28 GB	0.28 GB	0.52 GB	0.08 GB	0.05 GB	0.12 GB	0.21 GB	0.23 GB	0.16 GB	0.22 GB	0.16 GB	0.21 GB	0.16 GB	0.07 GB	0.52 GB	0.07 GB	0.25 GB
objseg-552	value	**37402.52**	**37402.52**	**37402.52**	**37402.52**	**37402.52**	**37402.52**	**37402.52**	91232.55	91232.55	91088.05	**37402.52**	**37402.52**	38586.81	39532.01	38990.44	38511.49	38535.64	38511.49	38511.49	38820.84	**37402.52**	**37402.52**	**37402.52**	**37402.52**	**37402.52**	**37402.52**	37410.68	37403.74	40092.51	**37402.52**	37595.63	**37402.52**	**37402.52**	**37402.52**	**37402.52**
	bound	-Inf	36177.56	-Inf	-Inf	-Inf	28061.93	28061.93	-Inf	-Inf	-Inf	**37402.52**	**37402.52**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**37402.52**	**37402.52**	**37402.52**	**37402.52**	37402.52	37402.41	37402.22	37398.98	36746.30	37402.32	37383.85	**37402.52**	**37402.52**	**37402.52**	**37402.52**
	runtime	0.26	0.11	0.24	0.56	0.32	0.55	2.92	0.31	0.13	2.52	2.93	2.95	33.80	15.14	198.81	132.60	48.97	333.16	331.77	277.42	19.66	0.39	2.09	78.70	105.45	250.20	230.93	261.77	231.66	264.23	236.11	0.41	18.99	0.44	24.50
	memory (GB)	0.08 GB	0.17 GB	0.08 GB	0.05 GB	0.05 GB	0.22 GB	0.23 GB	0.06 GB	0.08 GB	0.10 GB	0.09 GB	0.09 GB	0.05 GB	0.05 GB	0.31 GB	0.31 GB	0.31 GB	0.32 GB	0.32 GB	0.32 GB	0.61 GB	0.08 GB	0.05 GB	0.14 GB	0.24 GB	0.27 GB	0.16 GB	0.24 GB	0.16 GB	0.24 GB	0.16 GB	0.08 GB	0.62 GB	0.08 GB	0.17 GB
mean energy		31317.60	31317.60	31317.60	31317.60	31323.23	31317.60	31317.60	65180.15	65180.15	64937.24	31317.23	31317.23	32400.01	35775.27	33418.04	32663.86	32673.75	32663.86	32668.92	33383.95	31375.53	31674.41	31317.23	31317.23	31317.31	31317.23	31432.95	31354.83	39295.40	31321.98	32137.62	31317.23	31317.23	31317.23	31317.23
mean bound		-Inf	29611.23	-Inf	-Inf	-Inf	24148.97	24148.97	-Inf	-Inf	-Inf	31317.23	31317.23	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	31317.23	31317.23	31317.23	31317.23	31316.93	31316.88	31311.80	31312.49	30371.94	31315.85	31286.74	31317.23	31317.23	31317.23	31317.23
mean runtime		0.33	0.11	0.29	0.40	0.23	0.39	1.73	0.22	0.11	1.48	3.27	3.29	29.43	11.19	137.34	110.84	61.38	227.29	222.82	180.23	421.26	62.36	2.21	99.50	128.82	193.92	185.11	196.92	187.17	197.66	180.46	0.96	428.32	69.84	32.61
best value		80.00	80.00	80.00	80.00	40.00	80.00	80.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	40.00	100.00	100.00	80.00	100.00	40.00	20.00	0.00	20.00	0.00	100.00	100.00	100.00	100.00
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	100.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	100.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	40.00	100.00	100.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	100.00

Table 26: protein-folding

protein-folding		ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-TRWS-LF1	ogm-TRWS-LF2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-TAB	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-CombiLP
1CKK	value	-11804.03	**-12712.41**	**-12712.41**	-11804.03	-12360.49	-12360.49	-12668.02	**-12712.41**	-12703.47	-10680.22	**-12712.41**	-12605.41	-12618.21	-11196.59	-10931.23	-9853.30	-11870.42	-12325.59	-12669.84	-11829.88	-11654.62	-11231.26	-11774.67	-11866.27	-11039.46	-10920.07	-12641.64	NaN	NaN	NaN	**-12712.41**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-12903.50	-12903.50	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-21410.68	-12890.23	-12739.36	-12856.13	-13658.53	-13458.79	-14552.55	-13430.16	-13657.15	-15042.15	-16972.64	-12903.50	NaN	NaN	NaN	**-12712.41**
	runtime	0.10	201.78	226.09	0.05	117.33	46929.31	36.48	122.92	39.40	222.07	220.43	210.76	203.23	202.77	201.18	310.95	548.01	3946.87	1035.18	893.44	814.83	856.09	815.46	807.18	907.49	892.03	37.21	NaN	NaN	NaN	579.37
	memory (GB)	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.50 GB	0.35 GB	7.03 GB	0.32 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	NaN GB	NaN GB	NaN GB	14.23 GB
1CM1	value	-11997.05	-12304.13	**-12467.56**	-11997.05	-11997.05	-12138.23	-12307.25	-12308.97	-12304.13	**-12467.56**	-12303.44	-12009.40	-12233.81	-11451.27	-11552.89	-8087.81	-12371.11	**-12467.56**	-12432.42	-11461.24	-11748.68	-10913.88	-11770.37	-12167.44	-10531.95	-9990.84	-12255.01	NaN	NaN	NaN	**-12467.56**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-12490.46	-12490.46	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-20773.86	-12486.16	-12467.56	-12487.13	-13452.39	-13365.36	-13837.22	-13326.03	-12945.52	-14436.80	-15479.56	-12490.46	NaN	NaN	NaN	**-12467.56**
	runtime	0.11	180.80	278.23	0.06	28.81	18842.42	29.57	86.39	32.16	196.60	191.47	191.25	192.39	192.54	191.55	318.41	455.70	842.50	642.05	627.50	627.53	610.99	671.31	648.68	615.90	631.72	30.42	NaN	NaN	NaN	349.32
	memory (GB)	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.49 GB	0.33 GB	3.07 GB	0.30 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	NaN GB	NaN GB	NaN GB	13.88 GB
1SY9	value	-8642.71	**-9175.99**	**-9175.99**	-8642.71	-8644.56	-8703.14	-8979.67	-8979.67	**-9175.99**	**-9175.99**	**-9175.99**	**-9175.99**	**-9175.99**	**-9175.99**	**-9175.99**	-7294.62	-8849.89	**-9175.99**	**-9175.99**	-8545.39	-8735.78	-8558.69	-8727.00	-8867.27	-8801.64	-8414.60	-8946.14	NaN	NaN	NaN	**-9175.99**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-9210.22	-9210.22	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-14728.27	-9193.89	**-9175.99**	-9196.55	-9609.73	-9486.34	-9849.12	-9476.09	-9401.10	-10390.19	-11148.51	-9210.22	NaN	NaN	NaN	**-9175.99**
	runtime	0.09	27.19	52.75	0.04	64.58	33918.40	42.47	67.12	40.03	9.38	32.67	8.97	213.91	166.19	121.38	326.25	873.57	666.34	780.58	865.45	854.18	833.28	838.95	831.28	828.34	833.96	40.84	NaN	NaN	NaN	260.97
	memory (GB)	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.51 GB	0.38 GB	3.52 GB	0.35 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	0.16 GB	NaN GB	NaN GB	NaN GB	15.48 GB
2BBN	value	-11691.36	-11995.75	-11995.75	-11691.36	-11928.37	-11998.54	-12066.97	-12066.97	-11987.34	-11798.54	-11904.48	-11678.35	-11531.03	-11570.82	-10564.42	-9808.11	-11560.01	-12137.76	-12201.27	-11634.99	-11581.49	-10826.70	-11575.90	-11721.44	-10128.62	-9727.68	-12066.97	NaN	NaN	NaN	**-12269.57**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-12426.36	-12426.36	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-20999.08	-12412.46	-12305.54	-12400.24	-13074.20	-12977.64	-13396.57	-12950.10	-12993.71	-13815.93	-14941.67	-12426.36	NaN	NaN	NaN	**-12269.57**
	runtime	0.17	330.15	371.71	0.09	106.67	21738.92	61.33	106.26	58.92	375.99	332.29	327.55	344.52	341.66	340.73	644.99	1577.51	3865.88	2356.69	1244.79	1199.05	1160.48	1258.61	1160.89	1274.53	1243.64	59.67	NaN	NaN	NaN	3180.64
	memory (GB)	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.85 GB	0.62 GB	6.30 GB	0.51 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	NaN GB	NaN GB	NaN GB	24.26 GB
2BCX	value	-13011.27	-13382.16	-13711.69	-13011.27	-13213.66	-13218.55	-13742.54	**-13820.59**	-13642.39	-13780.77	-13338.22	-13448.56	-13550.83	-12831.62	-11555.30	-9235.06	-12962.85	-13069.88	-13816.12	-12833.59	-12502.50	-11837.97	-12344.60	-12612.27	-12139.36	-11538.13	-13480.13	NaN	NaN	NaN	**-13820.59**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-14112.45	-14112.45	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-23632.47	-14054.25	-13991.47	-14051.73	-15544.96	-15473.93	-16131.05	-15444.29	-15403.37	-16956.53	-18690.76	-14112.45	NaN	NaN	NaN	**-13820.59**
	runtime	0.12	309.09	432.70	0.06	138.01	89655.77	53.00	141.75	50.78	333.97	337.99	311.05	310.41	310.55	307.35	523.48	794.08	6332.82	3401.99	1255.06	1228.82	1237.15	1214.09	1203.54	1224.12	1200.58	50.92	NaN	NaN	NaN	3688.76
	memory (GB)	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.77 GB	0.54 GB	11.14 GB	0.49 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	0.22 GB	NaN GB	NaN GB	NaN GB	21.85 GB
2BE6	value	-13134.10	-12914.17	-12914.17	-13134.10	-13233.46	-13233.46	-12538.59	-12696.27	-13172.30	-12605.74	-12914.17	-12783.80	-13132.34	-12783.80	-12605.74	-10823.01	-11136.43	**-13236.89**	-13165.41	-12721.75	-12280.94	-11978.52	-12128.49	-11967.83	-12209.70	-11657.36	-11432.59	NaN	NaN	NaN	**-13236.89**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-13430.55	-13430.55	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-20331.42	-13415.00	-13236.89	-13359.52	-14048.49	-13834.63	-14513.36	-13773.19	-14464.46	-15046.57	-16165.30	-13430.55	NaN	NaN	NaN	**-13236.89**
	runtime	0.12	162.10	182.74	0.05	67.51	35868.62	24.79	93.00	25.90	180.88	166.55	160.26	164.59	164.27	162.25	262.33	432.76	1795.53	618.59	687.01	707.05	721.18	686.56	679.39	653.86	635.25	24.46	NaN	NaN	NaN	493.25
	memory (GB)	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.40 GB	0.27 GB	3.67 GB	0.26 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	0.11 GB	NaN GB	NaN GB	NaN GB	11.23 GB
2F3Y	value	-13375.93	**-14354.11**	**-14354.11**	-13375.93	-13798.21	-13809.48	-13961.15	-14324.67	**-14354.11**	-12588.74	**-14354.11**	**-14354.11**	-13825.32	-14353.90	-12352.71	-10559.62	-13983.80	-12714.69	-14032.41	-12963.79	-12733.91	-12498.25	-12839.90	-13088.60	-12167.83	-12044.02	-13938.45	NaN	NaN	NaN	-14188.15
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-14653.47	-14653.47	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-22727.65	-14653.09	-14512.73	-14608.84	-15615.82	-15571.90	-16035.77	-15540.31	-15943.77	-16665.23	-18115.09	-14653.47	NaN	NaN	NaN	**-14188.15**
	runtime	0.09	18.73	44.80	0.04	158.65	41940.71	35.37	148.64	35.13	207.72	19.06	13.59	208.75	207.42	206.59	351.54	1469.05	3923.48	858.86	835.00	841.09	776.24	837.83	772.48	773.41	780.65	34.94	NaN	NaN	NaN	3667.72
	memory (GB)	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.53 GB	0.38 GB	6.26 GB	0.33 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	NaN GB	NaN GB	NaN GB	14.68 GB

protein-folding		ogm-SCM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-TRWS-LF1	ogm-TRWS-LF2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRDPS	ADDO	MPLP	MPLP-C	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-B	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	TRWS-TAB	BRAOBB-1	BRAOBB-2	BRAOBB-3	ogm-CombLP
2FOT	value	-11107.30	-11869.77	-11926.85	-11107.30	-11703.17	-11706.45	-11842.47	-11882.41	-11883.06	-11508.92	-11326.75	-11318.88	-11343.62	-11696.85	-10735.78	-10915.02	-11282.40	-11107.05	-11894.55	-11010.16	-11466.37	-11013.61	-11362.41	-11005.01	-11052.92	-10925.40	-11842.46	NaN	NaN	NaN	**-11941.22**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-21508.40	-12093.10	-11951.33	-11859.68	-Inf	-Inf	-11018.85	-Inf	-Inf	-12063.62	-12974.35	-Inf	-14616.91	-12070	NaN	NaN	NaN	**-11941.22**
	runtime	0.15	212.83	292.32	0.08	118.52	34159.91	41.05	66.57	37.88	263.74	217.92	229.99	210.48	211.20	209.48	381.81	1190.79	3728.02	779.00	814.22	798.62	827.95	798.99	771.71	797.84	824.95	39.70	NaN	NaN	NaN	803.94
	memory (GB)	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.53 GB	0.37 GB	7.06 GB	0.34 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	0.15 GB	NaN GB	NaN GB	NaN GB	18.08 GB
2HQW	value	-12588.76	**-13501.93**	**-13501.93**	-12588.76	-12697.77	-12977.29	**-13501.93**	**-13501.93**	**-13501.93**	**-13501.93**	**-13501.93**	**-13501.93**	**-13501.93**	**-13501.93**	**-13501.93**	**-13501.93**	**-13501.93**	**-13501.93**	**-13501.93**	-12220.91	-12215.36	-11929.73	-12125.97	-12355.33	-11522.02	-10978.64	-13309.60	NaN	NaN	NaN	**-13501.93**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-12215.36	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	NaN	NaN	NaN	**-13501.93**
	runtime	0.09	13.25	38.13	0.04	70.35	43618.72	33.09	56.76	35.29	144	15.20	5.94	193.07	194.18	191.32	267.08	1095.95	4093.77	673.13	206.78	142.25	386.09	143.10	148.38	361.50	386.74	32.96	NaN	NaN	NaN	131.17
	memory (GB)	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.47 GB	0.34 GB	7.68 GB	0.30 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	0.14 GB	NaN GB	NaN GB	NaN GB	13.62 GB
2O60	value	-12611.11	-13330.53	-13359.76	-12611.10	-12958.27	13075.37	-13351.50	**-13472.42**	-13358.30	-13349.56	-13309.88	-13368.76	-13206.02	-12101.50	-12680.97	-8646.64	-13202.88	-13072.59	-12454.64	-12505.49	-12911.42	-11972.67	-12348.87	-12909.17	-11485.62	-10910.00	-13344.81	NaN	NaN	NaN	**-13472.43**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-13584.50	-13584.50	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-23293.45	-13560.03	-13506.60	-13577.39	-14589.83	-14435.04	-14893.87	-14385.62	-14864.17	-15451.02	-16530.74	-13584.50	NaN	NaN	NaN	**-13472.43**
	runtime	0.21	262.69	329.04	0.05	111.17	42989.71	47.40	117.12	44.33	-Inf	276.00	272.05	258.84	258.84	258.27	479.01	1633.83	3907.39	816.27	1144.23	1171.82	1084.92	1215.09	1278.85	1093.98	1108.04	49.22	NaN	NaN	NaN	551.66
	memory (GB)	0.18 GB	0.18 GB	0.18 GB	0.18 GB	0.18 GB	0.18 GB	0.19 GB	0.19 GB	0.19 GB	0.19 GB	0.19 GB	0.19 GB	0.18 GB	0.18 GB	0.18 GB	0.18 GB	0.61 GB	0.47 GB	7.41 GB	0.39 GB	0.18 GB	0.18 GB	0.18 GB	0.18 GB	0.18 GB	0.18 GB	NaN GB	NaN GB	NaN GB	18.50 GB
3HXL	value	-13611.11	-13330.53	**-14101.32**	-13426.24	-13639.66	-13608.56	-13611.10	-13929.51	-13846.32	**-14101.32**	**-14101.32**	**-14101.32**	-13611.10	-13611.10	-13606.57	-13611.10	-13611.10	-13611.10	-13611.10	-13611.10	-13611.10	-13611.10	-13611.10	-13611.10	-13611.10	-13611.10	-13896.50	NaN	NaN	NaN	**-14101.32**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-14436.64	-14436.64	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-21590.58	-14426.11	-14426.11	-Inf	-14426.11	-14426.11	-14426.11	-14426.11	-14426.11	-14426.11	-14426.11	-Inf	NaN	NaN	NaN	**-14101.32**
	runtime	0.21	194.13	329.04	0.05	111.17	42989.71	47.40	117.12	44.33	-Inf	276.00	272.05	258.84	258.84	258.27	479.01	1633.83	3907.39	816.27	1144.23	1171.82	1084.92	1215.09	1278.85	1093.98	1108.04	49.22	NaN	NaN	NaN	551.66
	memory (GB)	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.56 GB	0.37 GB	7.41 GB	0.34 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	0.17 GB	NaN GB	NaN GB	NaN GB	16.46 GB
pili1525	value	4643.63	3956.06	3931.58	4643.63	3991.68	3927.29	3951.31	3936.47	3945.86	4143.45	4079.86	4047.05	3975.23	4038.24	4101.05	4063.55	3976.68	3922.86	3932.02	3996.74	3998.70	4015.53	3974.85	4136.48	4051.78	4370.47	3951.31	4263.78	4067.37	4075.98	**3922.30**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	3907.40	3907.40	-Inf	-Inf	-Inf	-Inf	-Inf	3905.78	3907.40	3902.36	3907.40	3907.40	-Inf	3905.78	3905.64	3899.60	3904.12	3905.60	3876.42	3711.55	3907.40	-Inf	-Inf	-Inf	**3922.30**
	runtime	0.17	111.70	116.54	0.10	8.08	1614.64	15.24	18.36	21.52	106.74	108.07	111.27	141.48	140.53	134.44	26.53	68.35	137.79	436.63	180.97	180.33	172.33	188.42	174.41	182.58	171.10	14.31	3600.00	3600.00	3600.00	102.33
	memory (GB)	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.30 GB	0.21 GB	0.16 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.09 GB	0.35 GB	1.36 GB	1.78 GB	0.09 GB
pili5d2e	value	1961.67	**1738.42**	**1738.42**	1961.67	1755.16	1757.03	1769.76	1754.17	1750.47	1831.19	**1738.42**	1816.15	1773.42	1816.15	1811.19	1836.43	1775.27	**1738.42**	1739.47	1771.26	1761.44	1773.48	1761.10	1788.75	1785.16	1790.37	1786.77	1836.34	1758.99	1760.07	**1738.42**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1738.42	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**1738.42**
	runtime	0.09	56.85	58.82	0.05	0.05	362.38	4.64	7.75	7.59	9.85	53.12	53.15	71.79	72.40	72.24	26.53	52.17	72.05	225.58	72.24	72.24	72.24	72.24	72.24	72.24	72.24	72.24	3600.00	3600.00	3600.00	72.46
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.16 GB	0.10 GB	0.14 GB	0.10 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.45 GB	0.46 GB	0.66 GB	0.32 GB
pili1lmj	value	1127.99	983.80	962.06	1113.23	962.82	979.62	985.43	979.57	986.47	1042.87	1031.20	1004.74	1006.65	1030.70	1001.31	1009.65	1004.74	1000.26	992.40	1000.26	992.61	992.29	994.72	998.28	1003.80	1048.93	985.43	1101.88	981.83	981.83	**976.05**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	965.65	965.65	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	965.33	966.21	**976.05**	966.54	964.92	965.18	964.40	965.60	944.91	958.45	930.91	965.65	-Inf	-Inf	-Inf	**976.05**
	runtime	0.03	28.93	28.93	0.05	1.79	247.22	2.13	2.88	2.88	28.58	28.58	28.58	28.58	28.58	28.58	4.93	28.14	28.58	36.30	26.44	42.17	37.16	40.58	37.75	40.31	35.93	0.03	3600.00	3600.00	12.91	3600.00
	memory (GB)	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.08 GB	0.06 GB	0.27 GB	0.06 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.47 GB	0.48 GB	0.58 GB	0.22 GB
pili5l24	value	-**439.39**	-**439.39**	-**439.39**	-556.06	-412.14	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-**439.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-**439.39**	-**439.39**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-435.58	-**439.39**	-**439.39**	-**439.39**	-438.99	-439.30	-438.99	-**439.39**	-**439.39**	-**439.39**	-**439.39**	-Inf	-Inf	-Inf	-Inf	-**439.39**
	runtime	0.03	42.75	44.20	0.04	2.05	320.70	1.20	2.48	8.07	41.33	41.57	42.27	54.15	54.09	50.97	4.52	7.49	19.10	44.64	56.83	59.87	55.03	57.15	54.33	56.32	55.27	1.10	3600.00	3600.00	3600.00	6.37
	memory (GB)	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.11 GB	0.07 GB	0.39 GB	0.08 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.93 GB	0.92 GB	0.93 GB	0.24 GB
pili1jmx	value	1444.94	1166.69	1444.94	1175.21	**1154.61**	1160.24	1158.69	1159.88	1260.40	1178.70	1259.43	1191.38	1196.34	1193.96	1206.37	1190.08	**1154.61**	1158.69	1162.34	1159.23	1166.35	1166.35	1159.46	1184.60	1180.19	1236.24	1162.34	1278.12	1159.18	1164.28	**1154.61**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	1154.61	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1136.64	1144.29	1144.29	-Inf	-Inf	1144.29	1143.51	1143.26	1143.26	1144.12	1117.52	1156.61	1081.92	1154.61	-Inf	-Inf	-Inf	**1154.61**
	runtime	0.05	3.71	36.19	0.03	3.28	552.45	1.20	2.23	5.96	3.62	3.57	33.25	4.72	4.78	5.44	5.51	12.02	35.15	29.68	32.44	54.87	5.54	5.75	5.60	5.91	4.98	0.10	3600.00	3600.00	3600.00	6.45
	memory (GB)	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.33 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.33 GB
pili1kgs	value	2226.07	1740.91	**1724.06**	2221.18	1785.91	1749.56	1749.56	1749.56	1744.84	1814.16	1751.95	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24	1794.24
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1717.86	1717.86	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**1724.06**
	runtime	0.09	41.84	43.78	0.04	2.71	349.56	2.52	3.37	6.89	38.54	41.17	41.33	52.66	52.54	50.92	4.93	55.98	50.92	166.54	55.21	52.05	51.33	51.35	51.05	56.14	52.69	0.52	3600.00	3600.00	3600.00	11.05
	memory (GB)	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.04 GB	0.04 GB	0.04 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.07 GB	0.40 GB	0.07 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.04 GB	0.03 GB	0.03 GB	0.04 GB	0.52 GB	0.54 GB	1.13 GB	0.29 GB
pili5kwk	value	948.74	707.41	948.74	705.52	707.94	707.41	707.36	**703.36**	704.60	707.36	707.36	707.36	707.36	707.36	707.36	707.36	707.36	707.36	707.36	707.36	707.36	707.36	707.36	710.10	707.36	733.11	707.36	703.51	704.01	704.01	707.36
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	696.49	696.49	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	691.79	696.47	**703.36**	696.49	692.57	693.60	691.00	693.98	686.13	672.89	653.43	696.49	-Inf	-Inf	-Inf	**703.36**
	runtime	0.09	21.64	52.23	0.05	0.05	251.02	1.20	2.23	5.96	3.62	3.57	33.25	4.72	4.78	5.44	5.51	12.02	35.15	29.68	32.44	54.87	5.54	5.75	5.60	5.91	4.98	0.10	3600.00	3600.00	3600.00	6.45
	memory (GB)	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.33 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.33 GB
pili1mlp	value	2482.59	2432.79	**2427.43**	2861.46	2460.22	**2427.43**	2434.39	2432.52	2455.36	2497.24	2479.18	2454.41	2445.38	2471.22	2496.72	2601.02	2453.66	**2427.43**	2428.96	2461.53	2458.38	2469.95	2445.19	2515.14	2547.80	2654.09	2478.16	2646.57	2493.64	2458.39	**2427.43**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	2421.75	2421.75	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	2409.69	2421.75	**2427.43**	2421.75	2420.18	2419.26	2412.30	2420.21	2364.35	2390.37	2265.19	2421.75	-Inf	-Inf	-Inf	**2427.43**
	runtime	0.08	41.28	42.73	0.05	2.89	308.65	2.21	3.45	7.82	39.17	39.85	40.77	48.06	51.91	48.77	12.09	15.28	33.11	94.07	61.62	60.60	54.59	58.31	55.20	57.99	54.81	2.11	3600.00	3600.00	3600.00	8.61
	memory (GB)	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.04 GB	0.04 GB	0.04 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.11 GB	0.07 GB	0.38 GB	0.08 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.04 GB	0.83 GB	0.80 GB	0.93 GB	0.23 GB
pili5jqks	value	1811.08	**1512.84**	**1512.84**	1811.08	1528.65	1522.67	1513.73	1513.73	1513.73	1546.29	1526.10	1520.10	1527.10	1527.10	1527.10	1534.57	1527.10	**1512.84**	1513.73	1522.78	1518.19	1525.47	**1512.84**	1518.28	1536.11	1622.04	1513.73	1672.19	1524.23	1526.36	**1512.84**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1512.05	1512.05	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	1503.81	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**1512.84**
	runtime	0.07	35.13	36.65	0.04	2.75	335.78	0.43	1.48	5.50	34.31	35.20	34.31	36.08	13.52	41.90	9.19	4.50	17.19	53.45	47.03	47.42	42.62	54.86	32.25	34.62	42.67	0.36	3600.00	3600.00	3600.00	14.86
	memory (GB)	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.33 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.03 GB	0.67 GB	0.67 GB	0.67 GB	0.33 GB
mean energy		-5488.57	-5892.00	-5912.03	-5417.26	-5787.01	-5806.11	-6186.61	-6058.41	-5873.21	-5941.33	-5949.12	-5949.12	-5949.12	-5941.33	-5566.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-6366.17	-5955.57
mean bound		-Inf	-Inf	-Inf	-Inf	-Inf	-6041.38	-6041.38	-6041.38	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-10384.42	-6033.98	-5994.52	-6124.30	-6477.78	-6415.00	-6766.79	-6395.59	-6494.35	-6996.84	-7876.56	-6041.38	NaN	NaN	NaN	-5955.57
mean runtime		0.09	102.71	130.17	0.05	54.54	22422.07	22.68	54.88	24.48	119.08	90.99	102.34	115.44	115.42	109.59	212.31	1014.80	487.56	473.82	497.69	493.19	497.90	473.89	473.90	479.96	473.82	22.19	NaN	NaN	NaN	503.13
best value		0.00	38.10	57.14	0.00	0.00	19.05	14.29	28.57	52.38	28.57	61.90	47.62	42.86	38.10	33.33	0.00	4.76	57.14	19.05	4.76	4.76	4.76	4.76	9.52	4.76	0.00	9.52	0.00	4.76	4.76	50.24
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.76	0.00	0.00	0.00	0.00	0.00	0.00	4.76	4.76	0.00	4.76	0.00	0.00	0.00	0.00	0.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.76	0.00	0.00	0.00	0.00	0.00	0.00	4.76	4.76	0.00	4.76	0.00	0.00	0.00	0.00	100.00

Table 27: protein-prediction

protein-prediction		ogm-SCM	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ADDO	MPLP	ogm-BUNDLE-A	ogm-BUNDLE-B	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LF	ogm-ILP
dist0sotoverger1	value	32490.95	30307.07	32490.95	31919.98	31870.84	32019.15	30329.93	30482.78	30119.35	30458.92	31671.63	30443.06	30374.49	30538.61	30528.87	31170.19	31485.43	31862.07	30560.43	31052.84	30373.23	**30163.35**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	30136.31	30096.00	-Inf	30144.75	30132.02	30133.66	30136.31	30136.36	-Inf	**30147.59**
	runtime	0.03	32.72	0.03	0.70	18.77	27.97	32.32	33.23	34.35	37.01	28.15	16.50	88.05	1122.65	121.92	1131.73	1127.07	1126.51	1249.77	1211.85	264.96	3601.40
	memory (GB)	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.25 GB	0.05 GB	0.25 GB	0.25 GB	0.25 GB	0.25 GB	0.16 GB	0.25 GB	0.25 GB
dist0sotoverger2	value	32561.26	29324.08	32561.26	31873.74	31807.03	30966.11	29324.08	30295.69	29322.74	30092.85	31253.29	29313.79	29320.04	29358.84	29341.64	30346.42	30759.87	31792.35	29359.60	29969.03	29323.43	**29305.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	29304.29	29304.29	-Inf	29304.29	29304.29	-Inf	29304.29	29304.29	-Inf	**29305.44**
	runtime	0.04	2.66	0.03	0.02	20.75	26.35	33.49	35.56	35.56	35.94	28.53	2.66	43.66	1314.60	1305.02	1305.04	1306.42	1305.04	1306.42	1305.04	1306.42
	memory (GB)	0.01 GB	0.06 GB	0.02 GB	0.02 GB	0.06 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.27 GB	0.25 GB	0.18 GB	0.26 GB	0.18 GB	0.26 GB	0.17 GB	0.24 GB	0.54 GB
dist0sotoverger3	value	32490.95	30570.03	30307.07	32490.95	31919.98	31870.84	30416.06	30314.60	30329.93	30482.78	30119.35	30458.92	31671.63	30443.06	30374.49	30538.61	30528.87	31170.19	31485.43	31862.07	30373.23	**30162.62**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	30144.75	30132.02	30133.66	30136.31	30096.00	30136.36	30144.13	**30147.60**
	runtime	0.04	34.04	0.03	0.03	0.69	19.05	27.91	30.31	33.09	38.08	28.40	15.35	96.28	1215.40	1275.27	1264.30	1223.82	1194.17	1256.91	1228.22	305.87	3601.64
	memory (GB)	0.01 GB	0.06 GB	0.02 GB	0.02 GB	0.09 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.25 GB	0.26 GB	0.17 GB	0.22 GB	0.16 GB	0.25 GB	0.16 GB	0.24 GB	0.65 GB
dist0sotoverger4	value	30144.29	29979.53	32506.25	29697.00	29775.67	31916.92	29604.24	30265.90	29677.29	29604.24	28975.53	30144.29	31176.17	29614.27	29604.24	30265.90	30267.49	31176.17	30506.43	31052.84	30326.36	**29604.24**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	29895.19	29892.01	-Inf	29662.91	29711.77	29651.72	29894.91	**29852.08**
	runtime	0.04	0.04	0.03	0.02	0.02	26.35	33.49	35.56	35.56	35.94	28.53	2.66	43.66	1314.60	1305.02	1305.04	1306.42	1305.04	1306.42	1305.04	1306.42
	memory (GB)	0.01 GB	0.06 GB	0.02 GB	0.02 GB	0.06 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.25 GB	0.25 GB	0.18 GB	0.26 GB	0.18 GB	0.26 GB	0.17 GB	0.24 GB	0.54 GB
dist0sotoverger5	value	256469.09	**214722.63**	256594.98	245962.63	240520.73	382705.73	221521.27	671438.98	282252.85	354788.51	357329.85	640510.44	603245.29	439748.74	439748.74	439748.74	439748.74	439748.74	439748.74	439748.74	615587.09	251508.17
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	129822.85	136647.83	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**189190.68**
	runtime	0.05	31.64	0.06	0.45	16.13	27.58	33.23	33.01	35.72	38.12	28.62	19.18	104.39	1314.38	1346.44	1303.23	1294.65	1259.16	1289.02	1187.38	89.03	3601.48
	memory (GB)	0.01 GB	0.06 GB	0.02 GB	0.02 GB	0.06 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.05 GB	0.27 GB	0.25 GB	0.17 GB	0.26 G

scene-decomposition		ss-Fusion	ogm-IoM	ogm-LBP-LP	ogm-LBP-LP2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-TRWS-LP1	ogm-TRWS-LP2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	AADD	MPLP	MPLP-C	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-B	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	TRWS-TAB	BRAOBB-1	BRAOBB-2	BRAOBB-3	ADDD-BB	ogm-CombLP	ogm-ILP
0011088	value	-900.43	-898.00	-900.43	-900.43	-898.39	-898.39	-900.16	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-900.44	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43	-900.43
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	0.51	0.00	0.00	0.10	0.01	0.05	0.02	0.35	0.10	0.05	0.02	0.05	0.05	0.05	1.27	0.15	1.15	0.09	0.08	1.27	1.14	0.24	0.00	0.87	6.85	27.90	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB
0011116	value	-871.82	-870.66	-871.01	-871.04	-870.66	-870.84	-870.84	-871.82	-871.82	-871.01	-871.32	-871.04	-871.32	-871.32	-871.32	-871.32	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.32	-871.82	-871.82	-871.82
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82	-871.82
	runtime	0.00	0.00	0.06	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.05	0.02	0.13	0.05	0.03	0.02	1.09	0.07	0.07	1.06	0.16	1.26	0.09	0.09	1.04	0.96	0.25	0.00	0.96	6.92	30.52	0.02	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	1.05 GB	0.01 GB	0.01 GB	0.07 GB
0011154	value	-781.19	-773.37	-781.48	-781.48	-773.37	-774.88	-774.88	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.50	-781.48	-781.48	-781.75	-782.45	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48	-781.48
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.40	0.00	0.00	0.10	0.01	0.04	0.02	0.17	0.08	0.03	0.02	1.26	0.05	0.07	1.06	0.15	1.26	0.10	0.11	1.25	1.15	0.25	0.00	23.46	28.05	25.34	0.02	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.80 GB	0.01 GB	0.01 GB	0.07 GB
0100626	value	-694.22	-694.22	-694.00	-694.00	-694.00	-690.90	-690.90	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.34	-694.22	-694.22	-694.58	-695.37	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22	-694.22
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.40	0.00	0.00	0.10	0.01	0.04	0.02	0.17	0.08	0.03	0.02	1.26	0.05	0.07	1.06	0.15	1.26	0.09	0.09	1.04	0.96	0.25	0.00	0.96	6.92	30.52	0.02	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.80 GB	0.01 GB	0.01 GB	0.07 GB
0100030	value	-850.75	-850.69	-850.75	-850.75	-850.69	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75	-850.75
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.42	0.00	0.00	0.10	0.01	0.03	0.02	0.21	0.10	0.03	0.02	0.75	0.07	0.02	0.04	0.02	0.75	0.07	0.07	1.25	1.13	0.23	0.00	0.81	6.78	28.53	0.02	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.80 GB	0.01 GB	0.01 GB	0.07 GB
0100061	value	-734.38	-732.09	-733.86	-733.86	-732.09	-734.38	-734.38	-734.38	-734.38	-734.38	-733.86	-733.86	-733.86	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.06	-734.38	-734.38	-731.80	-734.38	-734.38	-734.38	-734.38	-734.38
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38	-734.38
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.03	0.02	0.16	0.08	0.03	0.02	0.75	0.07	0.02	0.04	0.02	0.75	0.07	0.07	1.25	1.13	0.23	0.00	1.04	8.57	21.96	0.03	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.13 GB	0.01 GB	0.01 GB	0.06 GB
0100091	value	-828.18	-825.22	-825.22	-825.22	-825.22	-718.57	-825.22	-828.18	-828.18	-825.22	-825.22	-825.22	-825.22	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.31	-828.58	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18	-828.18
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	0.41	0.00	0.00	0.10	0.02	0.04	0.02	0.16	0.08	0.03	0.02	1.26	0.05	0.07	1.06	0.15	1.26	0.09	0.09	1.04	0.96	0.25	0.00	1.39	8.53	26.11	0.01	0.02	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.80 GB	0.01 GB	0.01 GB	0.07 GB
0100113	value	-718.54	-718.54	-718.54	-713.36	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.69	-719.39	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54	-718.54
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.04	0.02	0.16	0.08	0.03	0.02	1.26	0.05	0.07	1.06	0.15	1.26	0.09	0.09	1.04	0.96	0.25	0.00	1.39	8.53	27.72	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.80 GB	0.01 GB	0.01 GB	0.07 GB
0100132	value	-1089.51	-1089.15	-1088.13	-1088.13	-1089.15	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1088.13	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1088.13	-1088.13	-1089.51	-1089.51	-1089.51	-1089.51
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51	-1089.51
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.40	0.00	0.01	0.10	0.02	0.04	0.02	0.34	0.14	0.07	0.03	0.03	0.03	0.03	1.23	0.05	1.02	0.04	0.02	1.24	1.10	0.23	0.00	0.69	6.68	27.58	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.90 GB	0.01 GB	0.01 GB	0.07 GB
0100164	value	-917.47	-916.81	-917.47	-916.81	-917.03	-917.03	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47	-917.47
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.04	0.02	0.16	0.08	0.03	0.02	1.26	0.05	0.07	1.06	0.15	1.26	0.09	0.09	1.04	0.96	0.25	0.00	1.39	8.53	27.72	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.90 GB	0.01 GB	0.01 GB	0.07 GB
0100241	value	-852.14	-852.14	-852.14	-852.14	-852.14	-851.31	-851.31	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-852.14	-852.14	-852.14	-852.14	-852.14	-852.15	-852.14	-852.14	-852.14	-852.34	-852.85	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14	-852.14
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.04	0.02	0.16	0.08	0.03	0.02	1.26	0.05	0.07	1.06	0.15	1.26	0.09	0.09	1.04	0.96	0.25	0.00	1.60	8.53	27.72	0.15	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
0100477	value	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91	-719.91
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.04	0.02	0.16	0.08	0.03	0.02	1.26	0.05	0.07	1.06	0.15	1.26	0.09	0.09	1.04	0.96	0.25	0.00	1.60	8.53	27.72	0.15	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
0100579	value	-955.86	-955.59	-955.86	-955.86	-955.59	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-956.07	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86	-955.86
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.37	0.00	0.00	0.10	0.01	0.04	0.02	0.12	0.05	0.04	0.02	1.12	0.25	1.04	0.08	0.19	1.12	1.01	0.20	0.00	0.63	6.62	24.94	0.04	0.01	0.15	0.01	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.80 GB	0.01 GB	0.01 GB	0.07 GB
0100628	value	-769.19	-762.56	-769.19	-769.19	-762.56	-768.39	-769.13	-769.19	-769.19	-768.66	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19	-769.19
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.51	0.00	0.00	0.10	0.01	0.04	0.02	0.30	0.13	0.09	0.04	0.06	0.09	0.10	1.19	0.15	1.16	0.10	0.11	1.25	1.08	0.22	0.00	0.79	6.60	25.23	0.45	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB
0100740	value	-850.59	-848.40	-850.40	-850.40	-848.41	-850.40	-850.40	-850.59	-850.59	-850.40	-850.40	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.68	-851.27	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59	-850.59
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.41	0.00	0.00	0.10	0.02	0.04	0.02	0.22	0.09	0.03	0.02	0.70	0.25	0.02	0.05	0.02	0.65	0.06	0.06	1.23	1.08	0.22	0.00	9.65	15.88	39.70	0.02	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.98 GB	0.01 GB	0.01 GB	0.07 GB
0100787	value	-858.17	-849.18	-858.17	-858.17	-852.21	-858.17	-858.17	-858.18	-858.18	-858.17	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18	-858.18
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.04	0.02	0.16	0.08	0.03	0.02	1.26	0.05	0.07	1.06	0.15	1.26	0.09	0.09	1.04	0.96	0.25	0.00	1.60	8.53	27.72	0.15	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
0100858	value	-897.10	-896.09	-897.10	-897.10	-896.09	-896.09	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10	-897.10
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.04	0.02	0.16	0.08	0.03	0.02	1.26	0.05	0.07	1.06	0.15	1.26	0.09	0.09	1.04	0.96	0.25	0.00	1.60	8.53	27.72	0.15	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0

scene-decomposition		ss-Fusion	ogm-FCM	ogm-LBP-LP	ogm-LBP-LP2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-TRWS-LP1	ogm-TRWS-LP2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	AGDD	MPLP	MPLP-C	ogm-ADSAL	ogm-DUNDLE-A	ogm-DUNDLE-H	ogm-SG-A	ogm-DUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A	ogm-SG-A	ogm-LP-LP	TRWS-TAB	BRAOBJ-1	BRAOBJ-2	BRAOBJ-3	ADDD-BB	ogm-CombLP	ogm-ILP
1000993	value	-890.18	-889.10	**-890.24**	**-890.24**	-889.19	-890.22	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**	**-890.24**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.46	0.00	0.01	0.10	0.01	0.05	0.02	0.14	0.06	0.03	0.11	0.03	0.03	0.04	0.74	0.18	0.91	0.04	0.03	0.09	0.90	0.23	0.00	0.73	6.73	29.64	0.11	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	1.00 GB	0.01 GB	0.03 GB	0.07 GB
1001184	value	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**	**-987.96**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.03	0.04	0.00	0.02	0.40	0.00	0.00	0.10	0.01	0.03	0.02	0.13	0.05	0.03	0.01	0.02	0.02	0.02	0.46	0.04	0.87	0.02	0.02	1.27	0.14	0.07	0.00	6.50	27.42	0.05	0.06	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.90 GB	0.01 GB	0.03 GB	0.07 GB
1001195	value	-732.72	-730.05	**-732.85**	**-732.85**	-730.05	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	-732.71	-732.72	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**	**-732.85**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.06	0.06	0.00	0.02	0.35	0.00	0.01	0.09	0.01	0.05	0.25	0.11	0.05	0.03	0.01	0.02	0.05	0.25	1.07	0.05	0.05	0.05	0.05	1.09	8.71	0.51	0.00	2.80	8.59	25.97	0.01	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.12 GB	0.75 GB	0.01 GB	0.03 GB	0.06 GB
1001252	value	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**	**-688.02**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.41	0.00	0.00	0.09	0.01	0.03	0.02	0.13	0.05	0.03	0.01	0.02	0.02	0.02	0.46	0.04	0.86	0.02	0.02	1.09	8.57	0.51	0.00	2.80	8.59	25.97	0.01	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.12 GB	0.75 GB	0.01 GB	0.03 GB	0.06 GB
1001685	value	**-708.46**	-706.31	**-708.46**	**-708.46**	-706.31	-706.97	-706.97	**-708.46**	**-708.46**	-708.02	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	-708.33	-708.46	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**	**-708.46**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.41	0.00	0.00	0.11	0.01	0.04	0.02	0.24	0.10	0.05	0.02	0.03	0.03	0.04	1.30	0.13	1.19	0.06	0.07	1.32	1.18	0.23	0.00	2.38	8.41	23.50	0.02	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.72 GB	0.01 GB	0.03 GB	0.07 GB
1001688	value	**-711.48**	-708.30	-710.39	-710.39	-708.30	-710.24	-710.39	**-711.48**	**-711.48**	-710.39	-710.39	-710.39	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	-711.42	-711.38	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**	**-711.48**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.41	0.00	0.00	0.11	0.01	0.04	0.02	0.24	0.10	0.05	0.02	0.03	0.03	0.04	1.21	0.15	1.19	0.05	0.07	1.21	1.18	0.23	0.00	2.38	8.41	23.50	0.02	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.85 GB	0.01 GB	0.03 GB	0.06 GB
1001770	value	**-681.18**	**-681.18**	-679.37	**-681.18**	**-681.18**	-679.37	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**	**-681.18**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.03	0.03	0.00	0.02	0.35	0.00	0.00	0.09	0.01	0.03	0.02	0.20	0.08	0.03	0.01	0.02	0.02	0.02	0.90	0.09	0.92	0.03	0.05	1.11	0.91	0.18	0.00	2.65	6.65	24.26	0.01	0.02	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.73 GB	0.01 GB	0.03 GB	0.06 GB
1001794	value	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	-1091.24	-1091.28	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**	**-1091.20**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.41	0.00	0.00	0.09	0.01	0.03	0.02	0.20	0.08	0.03	0.01	0.02	0.02	0.02	1.16	0.07	1.06	0.05	0.05	1.16	1.06	0.21	0.00	0.63	6.62	24.44	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.78 GB	0.01 GB	0.03 GB	0.06 GB
1001944	value	**-746.76**	-746.41	**-746.76**	**-746.76**	-746.41	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**	**-746.76**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.28	0.00	0.00	0.09	0.01	0.03	0.02	0.12	0.05	0.03	0.01	0.02	0.02	0.02	0.92	0.09	0.92	0.04	0.03	1.06	0.94	0.22	0.00	2.65	6.65	24.26	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.78 GB	0.01 GB	0.03 GB	0.06 GB
1100001	value	**-852.50**	**-852.50**	**-852.50**	**-852.50**	-851.41	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	-852.41	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**	**-852.50**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.04	0.00	0.02	0.46	0.00	0.00	0.10	0.01	0.03	0.02	0.12	0.05	0.03	0.01	0.02	0.02	0.02	0.70	0.08	0.92	0.04	0.03	0.91	0.70	0.17	0.00	3.10	9.08	27.16	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.13 GB	0.13 GB	0.89 GB	0.01 GB	0.03 GB	0.06 GB
1100002	value	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**	**-703.77**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.03	0.02	0.12	0.05	0.03	0.01	0.02	0.02	0.02	0.70	0.08	0.92	0.04	0.03	0.91	0.70	0.17	0.00	3.10	9.08	27.16	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.13 GB	0.13 GB	0.89 GB	0.01 GB	0.03 GB	0.06 GB
1100003	value	**-719.45**	-718.17	**-719.45**	**-719.45**	-718.17	-719.26	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	-718.41	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**	**-719.45**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.03	0.02	0.15	0.07	0.30	0.03	0.05	0.04	0.56	0.78	0.07	0.04	0.05	0.04	0.85	0.77	0.19	0.00	2.62	8.65	23.67	0.01	0.02	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.12 GB	0.12 GB	0.74 GB	0.01 GB	0.03 GB	0.06 GB
1100004	value	-771.74	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	-772.63	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**	**-771.91**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.04	0.00	0.01	0.46	0.00	0.00	0.10	0.01	0.03	0.02	0.11	0.04	0.03	0.01	0.02	0.02	0.02	0.96	0.05	0.03	0.03	0.03	0.96	0.85	0.21	0.00	2.23	10.22	25.68	0.01	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.74 GB	0.01 GB	0.03 GB	0.06 GB
1100005	value	**-694.20**	**-694.20**	**-694.20**	-693.87	**-694.20**	-693.87	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	-694.59	-694.99	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**	**-694.20**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.04	0.00	0.02	0.35	0.00	0.00	0.09	0.01	0.03	0.02	0.22	0.08	0.03	0.01	0.02	0.02	0.02	1.13	0.16	0.92	0.03	0.03	1.13	9.75	26.27	0.02	3.69	9.75	26.27	0.02	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.89 GB	0.01 GB	0.03 GB	0.06 GB
1100006	value	**-615.12**	**-615.12**	-614.79	-609.75	-615.12	-612.53	**-615.12**	**-615.12**	**-615.12**	-614.79	-614.79	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	-615.16	-616.90	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**	**-615.12**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.35	0.00	0.00	0.09	0.01	0.03	0.02	0.19	0.08	0.03	0.01	0.02	0.02	0.02	0.98	0.08	1.13	0.03	0.03	1.13	0.99	0.29	0.00	2.29	8.19	24.68	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.80 GB	0.01 GB	0.03 GB	0.06 GB
1100007	value	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	-1010.06	-1010.05	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**	**-1010.03**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.04	0.04	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.04	0.02	0.21	0.08	0.05	0.21	0.02	0.02	0.02	0.43	0.65	0.61	0.03	0.02	1.25	1.11	0.23	0.00	0.78	6.78	27.18	0.22	0.00	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.03 GB	0.06 GB
1100008	value	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**	**-1011.71**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.04	0.00	0.02	0.39	0.00	0.00	0.09	0.01	0.03	0.02	0.21	0.09	0.05	0.01	0.02	0.02	0.02	1.18	0.09	1.09	0.04	0.05	1.19	1.07	0.21	0.00	0.68	6.67	25.17	0.01	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0

scene-decomposition	value	ss-Fusion	ogm-FCM	ogm-LBP-LP	ogm-LBP-LP2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-TRWS-LP1	ogm-TRWS-LP2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	AADD
3001018	value	-629.62	-629.21	-629.62	-629.62	-621.21	-621.90	-629.62	-629.62	-629.62	-629.62	-629.62	-629.62	-629.62	-629.62	-629.62	-629.62	-629.62
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.98	0.00	0.00	0.02	0.06	0.00	0.02	0.12	0.05	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001061	value	-754.82	-755.60	-754.82	-754.82	-755.60	-754.82	-754.82	-754.82	-754.82	-754.82	-754.82	-754.82	-754.82	-754.82	-754.69	-754.82	-754.82
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.39	0.00	0.00	0.02	0.04	0.00	0.02	0.24	0.10	0.05	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001131	value	-764.39	-762.34	-764.33	-764.33	-762.34	-763.52	-763.52	-764.39	-764.39	-764.33	-764.33	-764.33	-764.33	-764.39	-764.39	-764.39	-764.39
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-764.39	-764.39	-Inf	-Inf	-Inf	-Inf	-764.39	-764.39	-764.39	-764.39
	runtime	0.00	0.01	0.06	0.05	0.00	0.02	0.37	0.00	0.00	0.02	0.05	0.00	0.02	0.17	0.10	0.05	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001230	value	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36	-837.36
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-837.36	-837.36	-Inf	-Inf	-Inf	-Inf	-837.36	-837.36	-837.36	-837.36
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.38	0.00	0.00	0.02	0.04	0.00	0.02	0.12	0.05	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001319	value	-950.35	-950.35	-950.35	-950.35	-950.35	-950.35	-950.35	-950.35	-950.35	-949.87	-950.35	-950.35	-950.35	-950.35	-950.35	-950.35	-950.35
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-950.35	-950.35	-Inf	-Inf	-Inf	-Inf	-950.35	-950.35	-950.35	-950.35
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.40	0.00	0.00	0.02	0.04	0.02	0.33	0.12	0.07	0.03	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.13	0.01 GB	0.01 GB	0.01 GB
3001336	value	-639.35	-636.80	-639.35	-639.35	-636.80	-639.13	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35	-639.35
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.40	0.00	0.00	0.02	0.05	0.00	0.02	0.13	0.08	0.05	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001421	value	-944.28	-944.28	-944.28	-938.93	-938.93	-942.04	-944.28	-944.28	-944.28	-944.28	-944.28	-944.28	-944.28	-944.28	-944.28	-944.28	-944.28
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-944.28	-944.28	-Inf	-Inf	-Inf	-Inf	-Inf	-944.28	-944.28	-944.28	-944.28
	runtime	0.00	0.00	0.06	0.06	0.00	0.02	0.40	0.00	0.00	0.02	0.06	0.00	0.02	0.22	0.09	0.05	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001460	value	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29	-1037.29
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1037.29	-1037.29	-Inf	-Inf	-Inf	-Inf	-1037.29	-1037.29	-1037.29	-1037.29
	runtime	0.00	0.00	0.06	0.06	0.00	0.02	0.40	0.00	0.00	0.02	0.06	0.00	0.02	0.22	0.09	0.05	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001555	value	-570.50	-570.30	-570.50	-570.50	-570.30	-570.30	-570.37	-570.50	-570.50	-570.50	-570.50	-570.50	-570.50	-570.50	-570.50	-570.50	-570.50
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-570.50	-570.50	-Inf	-Inf	-Inf	-Inf	-570.50	-570.50	-570.50	-570.50
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.37	0.00	0.00	0.02	0.04	0.00	0.02	0.08	0.03	0.02	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001569	value	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69	-938.69
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-938.69	-938.69	-Inf	-Inf	-Inf	-Inf	-938.69	-938.69	-938.69	-938.69
	runtime	0.00	0.00	0.06	0.06	0.00	0.02	0.41	0.00	0.00	0.02	0.06	0.00	0.02	0.19	0.08	0.05	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001667	value	-776.10	-765.54	-776.10	-776.10	-775.74	-775.74	-776.10	-776.10	-776.10	-776.10	-776.10	-776.10	-776.10	-776.10	-776.10	-775.77	-776.10
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-776.10	-776.10	-Inf	-Inf	-Inf	-Inf	-776.10	-776.10	-776.10	-776.10
	runtime	0.00	0.00	0.06	0.06	0.00	0.02	0.40	0.00	0.00	0.02	0.06	0.00	0.02	0.17	0.09	0.05	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001751	value	-656.34	-656.34	-656.34	-656.34	-656.34	-656.34	-656.34	-656.34	-656.34	-656.34	-656.34	-656.34	-656.34	-656.34	-656.35	-656.34	-656.34
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-656.34	-656.34	-Inf	-Inf	-Inf	-Inf	-656.34	-656.34	-656.34	-656.34
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.37	0.00	0.00	0.02	0.04	0.00	0.02	0.08	0.03	0.02	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001767	value	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59	-888.59
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-888.59	-888.59	-Inf	-Inf	-Inf	-Inf	-888.59	-888.59	-888.59	-888.59
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.42	0.00	0.00	0.02	0.04	0.02	0.26	0.11	0.06	0.05	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001826	value	-694.78	-687.37	-694.78	-694.78	-687.37	-693.40	-694.78	-694.78	-694.78	-694.78	-694.78	-694.78	-694.78	-694.78	-694.78	-694.78	-694.78
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-694.78	-694.78	-Inf	-Inf	-Inf	-Inf	-694.78	-694.78	-694.78	-694.78
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.56	0.00	0.00	0.02	0.04	0.01	0.27	0.12	0.05	0.03	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001891	value	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91	-1169.91
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1169.91	-1169.91	-Inf	-Inf	-Inf	-Inf	-1169.91	-1169.91	-1169.91	-1169.91
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.41	0.00	0.00	0.02	0.03	0.00	0.02	0.19	0.07	0.04	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3001976	value	-645.03	-645.03	-641.91	-645.03	-645.03	-645.03	-645.03	-644.86	-645.03	-645.03	-645.03	-641.91	-641.91	-645.03	-645.03	-645.03	-645.03
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-645.03	-645.03	-Inf	-Inf	-Inf	-Inf	-645.03	-645.03	-645.03	-645.03
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.41	0.00	0.00	0.02	0.03	0.00	0.02	0.15	0.06	0.04	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002020	value	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80	-935.80
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-935.80	-935.80	-Inf	-Inf	-Inf	-Inf	-935.80	-935.80	-935.80	-935.80
	runtime	0.00	0.00	0.03	0.05	0.00	0.01	0.40	0.00	0.00	0.02	0.03	0.00	0.02	0.32	0.15	0.07	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002059	value	-816.79	-816.17	-816.79	-816.79	-816.17	-816.79	-816.79	-816.79	-816.79	-816.79	-816.79	-816.79	-816.79	-816.79	-816.79	-816.79	-816.79
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-816.79	-816.79	-Inf	-Inf	-Inf	-Inf	-816.79	-816.79	-816.79	-816.79
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.42	0.00	0.00	0.02	0.05	0.00	0.02	0.14	0.06	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002082	value	-641.62	-641.21	-641.62	-641.62	-641.21	-641.62	-641.62	-641.62	-641.62	-641.62	-641.62	-641.62	-641.62	-641.62	-641.62	-641.62	-641.62
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-641.62	-641.62	-Inf	-Inf	-Inf	-Inf	-641.62	-641.62	-641.62	-641.62
	runtime	0.00	0.00	0.04	0.04	0.00	0.02	0.41	0.00	0.00	0.02	0.03	0.00	0.02	0.13	0.05	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002154	value	-1031.99	-1031.79	-1031.99	-1031.79	-1031.21	-1031.79	-1031.99	-1031.99	-1031.99	-1031.99	-1031.99	-1031.99	-1031.99	-1031.99	-1031.79	-1031.99	-1031.99
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1031.99	-1031.99	-Inf	-Inf	-Inf	-Inf	-1031.99	-1031.99	-1031.99	-1031.99
	runtime	0.00	0.00	0.06	0.06	0.00	0.02	0.41	0.00	0.00	0.02	0.05	0.00	0.02	0.38	0.15	0.07	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002206	value	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86	-931.86
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-931.86	-931.86	-Inf	-Inf	-Inf	-Inf	-931.86	-931.86	-931.86	-931.86
	runtime	0.00	0.00	0.36	0.37	0.00	0.02	0.49	0.00	0.00	0.11	0.16	0.38	0.13	0.13	0.05	0.04	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002221	value	-926.08	-925.69	-926.08	-926.08	-925.69	-926.08	-926.08	-926.08	-926.08	-926.08	-926.08	-926.08	-926.08	-926.08	-926.08	-926.08	-926.08
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-926.08	-926.08	-Inf	-Inf	-Inf	-Inf	-926.08	-926.08	-926.08	-926.08
	runtime	0.00	0.00	0.06	0.06	0.00	0.01	0.35	0.00	0.00	0.02	0.05	0.00	0.02	0.19	0.09	0.04	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002240	value	-721.40	-722.15	-722.96	-722.96	-722.15	-723.09	-723.09	-723.09	-723.09	-722.96	-722.96	-722.96	-722.96	-723.09	-723.09	-723.09	-723.09
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-723.09	-723.09	-Inf	-Inf	-Inf	-Inf	-723.09	-723.09	-723.09	-723.09
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.44	0.00	0.00	0.02	0.05	0.00	0.02	0.13	0.06	0.04	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002366	value	-806.07	-806.39	-806.39	-806.39	-806.39	-806.39	-806.07	-806.07	-806.07	-806.39	-806.39	-806.39	-806.39	-806.07	-806.07	-806.07	-806.07
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-806.07	-806.07	-Inf	-Inf	-Inf	-Inf	-806.07	-806.07	-806.07	-806.07
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.38	0.00	0.00	0.02	0.05	0.00	0.02	0.16	0.05	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002411	value	-1054.59	-1054.59	-1054.59	-1052.84	-1052.84	-1054.59	-1054.59	-1054.59	-1054.59	-1054.59	-1054.59	-1054.59	-1054.59	-1054.59	-1054.59	-1054.59	-1054.59
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1054.59	-1054.59	-Inf	-Inf	-Inf	-Inf	-1054.59	-1054.59	-1054.59	-1054.59
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.39	0.00	0.00	0.02	0.05	0.00	0.02	0.16	0.05	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002594	value	-900.21	-895.26	-902.13	-895.26	-898.19	-899.13	-902.13	-902.13	-902.13	-902.13	-902.13	-902.13	-902.13	-902.13	-902.13	-902.13	-902.13
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-902.13	-902.13	-Inf	-Inf	-Inf	-Inf	-902.13	-902.13	-902.13	-902.13
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.47	0.00	0.00	0.11	0.01	0.05	0.02	0.26	0.10	0.06	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002905	value	-596.81	-593.05	-596.72	-596.72	-593.05	-596.72	-596.72	-596.81	-596.81	-596.72	-596.72	-596.72	-596.72	-596.81	-596.81	-596.81	-596.81
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-596.81	-596.81	-Inf	-Inf	-Inf	-Inf	-596.81	-596.81	-596.81	-596.81
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.38	0.00	0.00	0.02	0.05	0.00	0.02	0.13	0.06	0.04	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3002909	value	-806.23	-806.23	-806.23	-805.67	-805.67	-806.23	-806.23	-806.23	-806.23	-806.23	-806.23	-806.23	-806.23	-806.23	-806.23	-806.23	-806.23
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-806.23	-806.23	-Inf	-Inf	-Inf	-Inf	-806.23	-806.23	-806.23	-806.23
	runtime	0.00	0.00	0.04	0.04	0.00	0.02	0.41	0.00	0.00	0.02	0.04	0.00	0.02	0.20	0.07	0.04	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3003122	value	-959.80	-959.80	-959.80	-959.80	-957.41	-957.41	-959.80	-959.80	-959.80	-959.80	-959.80	-959.80	-959.80	-959.80	-959.80	-959.80	-959.80
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-959.80	-959.80	-Inf	-Inf	-Inf	-Inf	-959.80	-959.80	-959.80	-959.80
	runtime	0.00	0.00	0.04	0.04	0.00	0.02	0.41	0.00	0.00	0.02	0.04	0.00	0.02	0.20	0.07	0.04	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3003322	value	-740.54	-740.39	-740.54	-740.54	-740.39	-740.54	-740.54	-740.54	-740.54	-740.54	-740.54	-740.54	-740.54	-740.54	-740.54	-740.54	-740.54
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-740.54	-740.54	-Inf	-Inf	-Inf	-Inf	-740.54	-740.54	-740.54	-740.54
	runtime	0.00	0.00	0.03	0.04	0.00	0.02	0.37	0.00	0.00	0.02	0.03	0.00	0.02	0.12	0.05	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3003328	value	-809.39	-809.36	-809.39	-809.39	-809.36	-809.36	-809.39	-809.39	-809.39	-809.39	-809.39	-809.39	-809.39	-809.39	-809.39	-809.39	-809.39
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-809.39	-809.39	-Inf	-Inf	-Inf	-Inf	-809.39	-809.39	-809.39	-809.39
	runtime	0.00	0.00	0.03	0.04	0.00	0.02	0.37	0.00	0.00	0.02	0.03	0.00	0.02	0.12	0.05	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3003356	value	-867.90	-867.90	-867.90	-867.90	-866.54	-867.90	-867.90	-867.90	-867.90	-867.90	-867.90	-867.90	-867.90	-867.90	-867.90	-867.90	-867.90
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-867.90	-867.90	-Inf	-Inf	-Inf	-Inf	-867.90	-867.90	-867.90	-867.90
	runtime	0.00	0.00	0.03	0.03	0.00	0.02	0.39	0.00	0.00	0.02	0.03	0.00	0.02	0.17	0.05	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3003448	value	-1170.07	-1170.07	-1170.07	-1162.10	-1162.10	-1170.07	-1170.07	-1170.07	-1170.07	-1170.07	-1170.07	-1170.07	-1170.07	-1170.07	-1170.07	-1170.07	-1170.07
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1170.07	-1170.07	-Inf	-Inf	-Inf	-Inf	-1170.07	-1170.07	-1170.07	-1170.07
	runtime	0.00	0.00	0.03	0.03	0.00	0.02	0.40	0.00	0.00	0.02	0.03	0.00	0.02	0.17	0.05	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
3003731	value	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31	-803.31
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-803.31	-803.31	-Inf	-Inf	-Inf	-Inf	-803.31	-803.31	-803.31	-803.31
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.41	0.00	0.00	0.02	0.04	0.00	0.02	0.23	0.09	0.04	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 G

scene-decomposition		ogn-Fusion	ogn-FCM	ogn-LBP-LP	ogn-LBP-LP2	ogn-LF-1	ogn-LF-2	ogn-LF-3	ogn-TBWS-LP1	ogn-TBWS-LP2	BPS-TAB	ogn-BPS	ogn-LBP-0.5	ogn-LBP-0.95	ogn-TRBP-0.5	ogn-TRBP-0.95	ogn-TRBPS	AGDD	MPLP	MPLP-C	ogn-ASDAL	ogn-BundleLA	ogn-BundleLA2	ogn-BundleLA3	ogn-SG-A	ogn-BundleLA+	ogn-SG-A+	ogn-BundleLA-	ogn-SG-A-	ogn-LP-LP	TBWS-TAB	BRAOSB-1	BRAOSB-2	BRAOSB-3	AODD-BB	ogn-CoordLP	ogn-ILP
5000173	value	-915.62	-911.59	-915.62	-915.62	-911.59	-911.59	-911.59	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-915.62	-915.62	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62	-915.62
	runtime	0.01	0.00	0.06	0.08	0.00	0.02	0.41	0.01	0.00	0.11	0.01	0.06	0.02	0.36	0.11	0.06	0.01	0.07	0.08	0.10	1.32	0.23	1.17	0.09	0.09	0.09	1.34	1.17	0.23	0.00	3.52	9.57	30.01	0.01	0.01	0.05	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	1.02 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000174	value	-913.92	-909.59	-910.96	-910.96	-909.59	-910.34	-910.45	-913.92	-913.92	-911.00	-911.00	-910.96	-911.00	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.91	-913.91	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-913.92	-913.92	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92	-913.92
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.43	0.01	0.00	0.10	0.01	0.07	0.02	0.34	0.10	1.07	0.00	0.31	0.12	0.12	1.32	0.70	0.41	0.10	0.10	0.10	1.35	1.16	0.23	0.00	48.10	18.47	33.82	0.00	0.01	0.07	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.06 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000175	value	-811.92	-794.39	-808.36	-794.39	-808.36	-806.84	-806.84	-811.92	-811.92	-807.63	-808.36	-808.36	-808.36	-810.33	-810.33	-810.33	-811.92	-811.92	-811.92	-811.92	-811.92	-811.92	-811.92	-811.92	-811.92	-811.92	-812.26	-833.41	-811.92	-811.92	-811.92	-811.92	-811.92	-811.92	-811.92	-811.92	-811.92
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-811.92	-811.92	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-816.75	-811.92	-811.92	-811.92	-811.92	-811.92	-811.94	-811.92	-811.92	-811.92	-Inf	-Inf	-811.92	-811.92	-Inf	-Inf	-811.92	-811.92	-811.92	-811.92	-811.92
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.47	0.00	0.00	0.02	0.02	0.07	0.28	0.13	0.05	1.06	0.00	0.13	0.12	0.12	1.06	1.05	0.99	0.11	0.10	0.10	1.06	7.04	0.25	0.00	25.16	0.59	0.59	0.00	0.01	0.19	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.79 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000176	value	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-714.58	-714.58	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-714.58	-Inf	-Inf	-714.58	-714.58	-Inf	-Inf	-714.58	-714.58	-714.58	-714.58	-714.58
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.41	0.00	0.00	0.02	0.02	0.07	0.28	0.13	0.05	1.06	0.00	0.13	0.12	0.12	1.06	0.70	0.41	0.10	0.10	0.10	1.06	7.04	0.25	0.00	25.16	0.59	0.59	0.00	0.01	0.19	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.79 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000180	value	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-921.98	-921.98	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-922.04	-922.04	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98	-921.98
	runtime	0.00	0.01	0.03	0.04	0.00	0.01	0.34	0.00	0.00	0.03	0.03	0.03	0.02	0.23	0.11	0.06	0.01	0.01	0.03	0.03	0.77	0.06	0.77	0.03	0.04	0.03	1.07	0.95	0.19	0.00	0.65	6.65	23.77	0.01	0.01	0.04	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000181	value	-832.33	-830.86	-832.33	-832.33	-830.86	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-832.33	-832.33	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-832.33	-Inf	-Inf	-832.33	-832.33	-832.33	-832.33	-832.33
	runtime	0.00	0.01	0.03	0.04	0.00	0.01	0.34	0.00	0.00	0.03	0.03	0.03	0.02	0.13	0.05	0.06	0.01	0.01	0.03	0.03	0.64	0.03	0.63	0.03	0.03	0.03	1.06	0.95	0.19	0.00	3.16	6.01	22.97	0.00	0.01	0.04	0.13
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.79 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000182	value	-731.06	-730.94	-730.94	-730.94	-722.85	-731.06	-731.06	-731.06	-731.06	-730.94	-730.94	-730.94	-730.94	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-731.06	-731.06	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-731.06	-731.06	-731.06	-731.06	-731.06	-731.06	-731.07	-731.06	-731.08	-731.06	-731.26	-731.41	-731.06	-731.06	-Inf	-Inf	-731.06	-731.06	-731.06	-731.06	-731.06
	runtime	0.00	0.01	0.04	0.05	0.00	0.02	0.41	0.00	0.00	0.03	0.03	0.03	0.02	0.22	0.10	0.04	0.01	0.01	0.03	0.03	0.80	0.15	0.80	0.03	0.03	0.03	2.41	8.83	19.86	0.01	0.02	0.02	0.02	0.01	0.02	0.14	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000183	value	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-865.79	-865.79	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-865.79	-Inf	-Inf	-865.79	-865.79	-865.79	-865.79	-865.79
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.41	0.00	0.00	0.03	0.03	0.03	0.02	0.22	0.10	0.04	0.01	0.01	0.03	0.03	0.80	0.15	0.80	0.03	0.03	0.03	2.41	8.83	19.86	0.01	0.02	0.02	0.02	0.01	0.02	0.14	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000184	value	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-922.47	-922.47	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-922.47	-Inf	-Inf	-922.47	-922.47	-922.47	-922.47	-922.47
	runtime	0.00	0.00	0.02	0.03	0.00	0.02	0.36	0.00	0.00	0.03	0.03	0.03	0.02	0.12	0.05	0.03	0.01	0.01	0.01	0.02	0.25	0.03	0.25	0.01	0.01	0.01	1.09	0.97	0.19	0.00	0.72	6.72	24.45	0.01	0.00	0.04	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.79 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000188	value	-750.68	-750.38	-750.68	-750.68	-750.38	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-750.68	-750.68	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-750.68	-Inf	-Inf	-750.68	-750.68	-750.68	-750.68	-750.68
	runtime	0.00	0.00	0.02	0.03	0.00	0.02	0.36	0.00	0.00	0.03	0.03	0.03	0.02	0.11	0.05	0.03	0.01	0.01	0.01	0.02	0.23	0.03	0.23	0.01	0.01	0.01	0.83	0.73	0.14	0.00	0.72	6.72	24.45	0.01	0.00	0.04	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.79 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000190	value	-741.31	-737.41	-741.31	-741.31	-737.41	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-741.31	-741.31	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.31	-741.33	-741.47	-741.31	-741.31	-Inf	-Inf	-741.31	-741.31	-741.31	-741.31	-741.31
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.48	0.00	0.00	0.03	0.03	0.04	0.02	0.13	0.05	0.37	0.01	0.01	0.02	0.02	0.37	0.08	0.34	0.02	0.02	0.02	0.85	0.70	0.14	0.00	3.10	9.09	22.10	0.02	0.00	0.04	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.69 GB	0.01 GB	0.01 GB	0.06 GB	0.06 GB
5000191	value	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-563.59	-563.59	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-563.59	-563.59	-563.59	-563.59	-563.59	-563.59	-563.70	-563.59	-563.76	-563.59	-563.59	-563.59	-563.59	-563.59	-Inf	-Inf	-563.59	-563.59	-563.59	-563.59	-563.59
	runtime	0.00	0.00	0.02	0.03	0.00	0.02	0.36	0.00	0.00	0.03	0.03	0.03	0.02	0.11	0.05	0.03	0.01	0.01	0.01	0.02	0.23	0.03	0.23	0.01	0.01	0.01	0.83	0.73	0.14	0.00	0.72	6.72	24.45	0.01	0.00	0.04	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.79 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000192	value	-679.25	-676.29	-679.22	-679.22	-676.29	-678.60	-678.60	-679.25	-679.25	-679.25	-678.60	-679.22	-678.60	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-678.79	-679.25	-679.25	-677.02	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-679.25	-679.25	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-679.26	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-679.25	-Inf	-Inf	-679.25	-679.25	-679.25	-679.25	-679.25
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.36	0.00	0.00	0.08	0.02	0.04	0.02	0.16	0.07	0.87	0.07	0.05	0.05	0.07	0.43	1.00	0.09	0.17	0.18	0.09	1.08	0.99	0.20	0.00	3.44	9.83	27.88	0.07	0.02	0.16	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000194	value	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-677.37	-677.37	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-677.37	-Inf	-Inf	-677.37	-677.37	-677.37	-677.37	-677.37
	runtime	0.00	0.01	0.05	0.06	0.00	0.02	0.32	0.00	0.00	0.03	0.03	0.03	0.02	0.11	0.05	0.02	0.01	0.01	0.01	0.02	0.22	0.02	0.22	0.01	0.01	0.01	0.83	0.77	0.14	0.00	0.72	6.72	24.45	0.01	0.00	0.04	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.79 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
5000195	value	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-816.50	-816.50	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.50	-816.73	-816.98	-816.50	-816.50	-Inf	-Inf	-816.50	-816.50	-816.50	-816.50	-816.50
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.39	0.00	0.00	0.03	0.03	0.03	0.02	0.22	0.10	0.04	0.01	0.01	0.01	0.02	0.22	0.06	0.22	0.01	0.01	0.01	1.21	7.61	0.14	0.00	3.10	9.09	22.10	0.02	0.00	0.04	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.69 GB	0.01 GB	0.01 GB	0.06 GB	0.06 GB
5000196	value	-786.56	-786.56	-786.39	-786.39	-786.56	-786.56	-786.56	-786.56	-786.56	-786.56	-786.39	-786.56	-786.56	-786.56	-786.56	-786.56	-786.56	-786.56	-786.56	-786.56	-786.62	-786.56	-786.74	-786.56	-786.56	-786.56	-787.19	-787.69	-786.56	-786.56	-Inf	-Inf	-786.56	-786.56	-786.56	-786.56	-786.56
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-786.56	-786.56	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-786.56	-786.56	-786.56	-786.56	-786.56	-786.56	-786.56	-786.56	-786.56	-786.56	-Inf	-Inf	-786.56	-786.56	-Inf	-Inf	-786.56	-786.56	-786.56	-786.56	-786.56
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.39	0.00	0.00	0.03	0.03	0.03	0.02	0.15	0.07	0.04	0.01	0.01	0.01	0.02	0.23	0.06	0.23	0.01	0.01	0.01	1.15	7.95	0.14	0.00	3.10	9.09	22.10	0.02	0.00	0.04	0.14
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.69 GB	0.01 GB	0.01 GB	0.06 GB	0.06 GB
5000197	value

scene-decomposition		ss-Fusion	ogm-FCM	ogm-LBP-LP	ogm-LBP-LP2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-TRWS-LP1	ogm-TRWS-LP2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	AADD	MPLP	MPLP-C	ogm-ADSAL	ogm-BundleE-A	ogm-BundleE-B	ogm-SG-A	ogm-BundleA-A	ogm-SG-A+	ogm-BundleE-A	ogm-SG-A	ogm-LP-LP	TRWS-TAB	BRAOBJ-1	BRAOBJ-2	BRAOBJ-3	ADDD-BB	ogm-CombLP	ogm-ILP
6000039	value	-866.86	-863.73	-865.40	-863.73	-863.73	-865.04	-866.86	-866.86	-866.86	-865.40	-866.86	-865.40	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86	-866.86
	runtime	0.00	0.00	0.05	0.07	0.01	0.02	0.54	0.00	0.00	0.10	0.02	0.05	0.02	0.38	0.15	0.07	0.01	0.05	0.05	0.05	1.29	0.09	1.16	0.07	0.06	0.09	1.29	1.20	0.24	0.00	0.87	6.46	29.61	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.15 GB
6000040	value	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.37	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91	-792.91
	runtime	0.00	0.00	0.04	0.05	0.02	0.02	0.39	0.00	0.00	0.04	0.02	0.04	0.02	0.14	0.07	0.05	0.01	0.05	0.03	0.03	1.23	0.07	0.74	0.05	0.03	0.07	1.20	1.11	0.22	0.00	36.10	62.18	26.84	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.05 GB	0.05 GB	0.85 GB	0.01 GB	0.01 GB	0.07 GB
6000041	value	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-923.10	-923.10	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.15	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10	-923.10
	runtime	0.00	0.00	0.05	0.05	0.02	0.02	0.42	0.00	0.00	0.04	0.04	0.04	0.02	0.14	0.07	0.05	0.01	0.05	0.03	0.03	0.47	0.06	0.37	0.02	0.02	0.03	1.07	0.96	0.24	0.00	7.16	30.16	0.01	0.01	0.16	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	1.05 GB	0.01 GB	0.01 GB	0.07 GB
6000042	value	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-848.62	-848.62	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62	-848.62
	runtime	0.00	0.00	0.05	0.05	0.02	0.02	0.42	0.00	0.00	0.04	0.02	0.04	0.02	0.14	0.07	0.05	0.01	0.05	0.03	0.03	0.47	0.06	0.37	0.02	0.02	0.03	1.07	0.96	0.24	0.00	7.16	30.16	0.01	0.01	0.16	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	1.05 GB	0.01 GB	0.01 GB	0.07 GB
6000043	value	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-929.64	-929.64	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64	-929.64
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.42	0.00	0.00	0.04	0.02	0.01	0.01	0.10	0.07	0.03	0.03	0.03	0.03	0.03	1.28	0.26	1.12	0.04	0.04	0.04	1.27	1.16	0.24	0.00	0.87	6.87	24.40	0.03	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.77 GB	0.01 GB	0.01 GB	0.07 GB
6000044	value	-762.38	-761.68	-762.38	-762.38	-761.68	-761.68	-761.68	-762.38	-762.38	-761.68	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-762.38	-762.38	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38	-762.38
	runtime	0.00	0.00	0.05	0.05	0.02	0.02	0.41	0.00	0.00	0.04	0.02	0.04	0.02	0.14	0.07	0.05	0.01	0.05	0.03	0.03	1.28	0.07	1.28	0.05	0.03	0.07	1.28	1.11	0.22	0.00	11.47	29.16	0.03	0.01	0.16	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.90 GB	0.01 GB	0.01 GB	0.07 GB
6000045	value	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-870.52	-870.52	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52	-870.52
	runtime	0.00	0.00	0.05	0.05	0.02	0.02	0.41	0.00	0.00	0.04	0.02	0.04	0.02	0.14	0.07	0.05	0.01	0.05	0.03	0.03	0.47	0.06	0.37	0.02	0.02	0.03	1.32	0.96	0.24	0.00	1.02	7.11	26.26	0.09	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
6000046	value	-827.81	-827.81	-827.70	-827.81	-827.81	-827.81	-827.71	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-827.81	-827.81	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81	-827.81
	runtime	0.00	0.00	0.05	0.05	0.02	0.02	0.42	0.00	0.00	0.04	0.02	0.04	0.02	0.14	0.07	0.05	0.01	0.05	0.03	0.03	0.47	0.06	0.37	0.02	0.02	0.03	1.32	0.96	0.24	0.00	1.02	7.11	26.26	0.09	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
6000047	value	-872.40	-872.15	-872.20	-872.20	-872.15	-872.20	-872.20	-872.40	-872.40	-872.20	-872.40	-872.20	-872.40	-872.20	-872.40	-872.20	-872.40	-872.20	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-872.40	-872.40	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40	-872.40
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.43	0.00	0.00	0.10	0.02	0.05	0.02	0.14	0.06	0.03	0.02	0.07	0.07	0.08	1.02	0.18	0.97	0.09	0.08	0.11	1.02	0.97	0.24	0.00	1.25	7.26	27.10	0.02	0.04	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.88 GB	0.01 GB	0.01 GB	0.07 GB
6000048	value	-856.87	-856.05	-856.70	-856.70	-856.05	-856.16	-856.70	-856.87	-856.87	-856.70	-856.70	-856.70	-856.70	-856.70	-856.70	-856.70	-856.87	-855.84	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-856.87	-856.87	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87	-856.87
	runtime	0.00	0.00	0.05	0.05	0.02	0.02	0.48	0.00	0.00	0.04	0.02	0.04	0.02	0.17	0.07	0.05	0.01	0.05	0.03	0.03	1.28	0.07	1.31	0.05	0.03	0.07	1.33	1.20	0.24	0.00	1.33	7.28	29.84	0.06	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB
6000049	value	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-853.92	-853.92	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92	-853.92
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.53	0.00	0.00	0.11	0.02	0.07	0.02	0.26	0.10	0.06	0.01	0.06	0.03	0.03	1.34	0.09	1.23	0.06	0.03	0.07	1.34	1.23	0.24	0.00	1.30	8.27	24.92	0.07	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB
6000050	value	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-885.48	-885.48	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48	-885.48
	runtime	0.00	0.00	0.05	0.05	0.02	0.02	0.42	0.00	0.00	0.04	0.02	0.04	0.02	0.14	0.07	0.05	0.01	0.05	0.03	0.03	1.27	0.06	1.17	0.05	0.03	0.07	1.27	1.17	0.24	0.00	1.27	7.27	27.27	0.01	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.91 GB	0.01 GB	0.01 GB	0.07 GB
6000051	value	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-920.98	-920.98	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98	-920.98
	runtime	0.00	0.01	0.05	0.05	0.01	0.02	0.42	0.00	0.00	0.04	0.02	0.04	0.01	0.17	0.08	0.04	0.01	0.02	0.02	0.02	0.24	0.05	0.47	0.02	0.02	0.03	1.01	0.93	0.24	0.00	0.79	6.78	27.16	0.02	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.90 GB	0.01 GB	0.01 GB	0.07 GB
6000052	value	-917.26	-914.69	-917.26	-917.26	-914.69	-917.10	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.25	-917.26	-917.26	-917.10	-917.26	-917.26	-917.26	-917.26
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-917.26	-917.26	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26	-917.26
	runtime	0.00	0.00	0.05	0.05	0.02	0.02	0.37	0.00	0.00	0.11	0.02	0.07	0.02	0.26	0.10	0.06	0.01	0.06	0.03	0.03	1.33	0.09	1.23	0.06	0.03	0.07	1.33	1.23	0.24	0.00	1.30	8.27	24.92	0.07	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB
6000053	value	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-920.71	-920.71	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71	-920.71
	runtime	0.00	0.00	0.05	0.05	0.02	0.02	0.42	0.00	0.00	0.11	0.02	0.07	0.02	0.26	0.10	0.06	0.01	0.06	0.03	0.03	1.23	0.09	1.23	0.06	0.03	0.07	1.23	1.23	0.24	0.00	1.30	8.27	24.92	0.07	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB
6000054	value	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-797.92	-797.92	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92	-797.92
	runtime	0.00	0.00	0.05	0.05	0.02	0.02	0.42	0.00	0.00	0.11	0.02	0.04	0.02	0.28	0.10	0.06	0.01	0.06	0.03	0.03	1.00	0.09	1.00	0.06	0.03	0.07	1.00	0.93	0.24	0.00	0.74	6.78	24.98	0.02	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.77 GB	0.01 GB	0.01 GB	0.07 GB
6000055	value	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-859.93	-859.93	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93	-859.93
	runtime	0.00	0.01	0.04	0.05	0.00	0.02	0.43	0.00	0.00	0.11	0.02	0.04	0.01	0.28	0.11	0.05	0.01	0.03	0.03	0.02	0.66	0.07	0.78	0.06	0.04	0.04	1.28	1.18	0.23

scene-decomposition		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-TRWS-LF1	ogm-TRWS-LF2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+	ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	TRWS-TAB	BRAOBB-1	BRAOBB-2	BRAOBB-3	ADDD-BB	ogm-CombiLP	ogm-ILP
6000108	value	**-756.29**	-754.66	**-756.29**	**-756.29**	-754.66	-754.90	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	-756.05	**-756.29**	**-756.29**	**-756.29**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-756.29**	**-756.29**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	**-756.29**	-756.41	-756.75	**-756.29**	**-756.29**	-Inf	-Inf	-Inf	**-756.29**	**-756.29**	**-756.29**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.65	0.00	0.00	0.10	0.01	0.04	0.02	0.47	0.18	0.11	0.01	0.02	0.03	0.03	0.67	0.05	1.15	0.05	0.02	1.25	1.12	0.23	0.00	0.70	6.70	27.00	0.01	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.91 GB	0.01 GB	0.01 GB	0.07 GB
6000109	value	**-955.50**	-944.02	**-955.50**	**-955.50**	-944.02	-953.70	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	-955.31	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**	**-955.50**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-955.50**	**-955.50**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-955.50**	-955.50	-955.50	**-955.50**	**-955.50**	**-955.50**	-955.50	**-955.50**	**-955.50**	-955.60	-955.98	**-955.50**	**-955.50**	-Inf	-Inf	-Inf	**-955.50**	**-955.50**	**-955.50**
	runtime	0.00	0.00	0.07	0.07	0.00	0.02	0.65	0.00	0.00	0.11	0.02	0.06	0.02	0.16	0.06	0.03	0.02	0.04	0.04	0.05	0.57	0.10	0.99	0.04	0.04	1.03	0.98	0.24	0.00	1.27	7.28	26.05	0.02	0.02	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000110	value	**-691.70**	-681.22	**-691.70**	**-691.70**	-681.22	-686.60	-686.60	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	-691.69	-690.84	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**	**-691.70**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-691.70**	**-691.70**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-691.70**	-691.70	-691.70	**-691.70**	-691.70	**-691.70**	-691.71	**-691.70**	**-691.70**	-692.08	-693.22	**-691.70**	**-691.70**	-Inf	-Inf	-Inf	**-691.70**	**-691.70**	**-691.70**
	runtime	0.01	0.00	0.06	0.07	0.00	0.03	0.45	0.01	0.01	0.11	0.01	0.06	0.02	0.46	0.19	0.09	0.03	0.04	0.04	0.05	1.37	0.57	1.24	0.10	0.10	1.33	1.26	0.26	0.00	28.87	35.12	28.21	0.03	0.02	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.06 GB	0.06 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
6000111	value	-853.93	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	-852.60	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**	**-854.07**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-854.07**	**-854.07**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-854.07**	**-854.07**	**-854.07**	**-854.07**	-854.07	**-854.07**	-854.07	**-854.07**	**-854.07**	-854.50	-855.08	**-854.07**	**-854.07**	-Inf	-Inf	-Inf	**-854.07**	**-854.07**	**-854.07**
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.42	0.01	0.00	0.10	0.01	0.04	0.02	0.40	0.21	1.07	0.03	0.03	0.03	0.03	1.31	0.11	1.19	0.06	0.07	1.30	1.18	0.24	0.00	2.50	8.51	26.18	0.02	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000112	value	**-945.47**	-943.85	**-945.47**	**-945.47**	-943.85	-944.35	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-945.47**	**-945.47**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	**-945.47**	-945.47	**-945.47**	**-945.47**	-945.65	-946.00	**-945.47**	**-945.47**	-Inf	-Inf	-Inf	**-945.47**	**-945.47**	**-945.47**
	runtime	0.00	0.01	0.04	0.06	0.00	0.02	0.49	0.00	0.00	0.11	0.01	0.05	0.02	0.24	0.10	0.05	0.03	0.02	0.02	0.02	1.22	0.13	1.24	0.05	0.04	1.36	1.25	0.25	0.00	0.88	6.88	28.77	0.03	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.95 GB	0.01 GB	0.01 GB	0.07 GB
6000113	value	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-894.72**	**-894.72**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	**-894.72**	-894.72	**-894.72**	**-894.72**	-894.81	-895.16	**-894.72**	**-894.72**	-Inf	-Inf	-Inf	**-894.72**	**-894.72**	**-894.72**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.43	0.00	0.00	0.11	0.01	0.04	0.01	0.19	0.08	0.03	0.01	0.03	0.02	0.03	1.01	0.04	0.94	0.02	0.04	0.99	0.95	0.23	0.00	0.75	6.75	26.77	0.01	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.01 GB	0.07 GB
6000114	value	**-802.85**	-800.17	**-802.85**	**-802.85**	-800.17	-800.72	-800.72	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-802.85**	**-802.85**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	**-802.85**	-802.85	**-802.85**	**-802.85**	-802.90	-803.15	**-802.85**	**-802.85**	-Inf	-Inf	-Inf	**-802.85**	**-802.85**	**-802.85**
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.40	0.00	0.00	0.10	0.01	0.06	0.02	0.21	0.09	0.04	0.01	0.02	0.02	0.02	0.46	0.05	1.12	0.04	0.02	1.23	1.12	0.23	0.00	0.72	6.71	24.47	0.01	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.79 GB	0.01 GB	0.01 GB	0.06 GB
6000115	value	**-864.59**	-862.66	**-864.59**	**-864.59**	-862.66	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-864.59**	**-864.59**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	**-864.59**	-864.70	-864.77	**-864.59**	**-864.59**	-Inf	-Inf	-Inf	**-864.59**	**-864.59**	**-864.59**
	runtime	0.00	0.01	0.03	0.04	0.00	0.02	0.43	0.00	0.00	0.10	0.01	0.04	0.01	0.20	0.08	0.04	0.02	0.01	0.02	0.02	0.61	0.09	0.50	0.05	0.05	1.31	1.20	0.24	0.00	0.77	6.77	26.18	0.02	0.00	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.01 GB	0.07 GB
6000116	value	**-864.49**	-864.33	**-864.49**	**-864.49**	-864.33	-864.33	-864.33	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-864.49**	**-864.49**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	**-864.49**	-864.55	-865.09	**-864.49**	**-864.49**	-Inf	-Inf	-Inf	**-864.49**	**-864.49**	**-864.49**
	runtime	0.00	0.00	0.06	0.07	0.00	0.01	0.43	0.00	0.01	0.11	0.02	0.07	0.02	0.28	0.12	0.09	0.01	0.04	0.04	0.05	0.41	0.15	0.52	0.06	0.03	1.29	1.19	0.25	0.00	0.86	6.86	28.78	0.01	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.91 GB	0.01 GB	0.01 GB	0.07 GB
6000117	value	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	-841.19	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**	**-841.28**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-841.28**	**-841.28**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-841.28**	**-841.28**	**-841.28**	**-841.28**	-841.28	**-841.28**	-841.28	**-841.28**	**-841.28**	-841.42	-841.57	**-841.28**	**-841.28**	-Inf	-Inf	-Inf	**-841.28**	**-841.28**	**-841.28**
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.43	0.00	0.00	0.10	0.01	0.05	0.02	0.23	0.09	0.05	0.01	0.03	0.03	0.06	1.29	0.12	1.15	0.12	0.07	1.28	1.18	0.24	0.00	3.79	9.67	25.77	0.01	0.03	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.82 GB	0.01 GB	0.01 GB	0.07 GB
6000118	value	**-785.37**	-782.53	**-785.37**	**-785.37**	-782.53	-785.02	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-785.37**	**-785.37**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	**-785.37**	-785.41	-785.46	**-785.37**	**-785.37**	-Inf	-Inf	-Inf	**-785.37**	**-785.37**	**-785.37**
	runtime	0.00	0.01	0.06	0.06	0.00	0.02	0.52	0.00	0.00	0.11	0.01	0.05	0.01	0.19	0.08	0.05	0.03	0.02	0.02	0.02	0.73	0.16	0.75	0.05	0.02	1.38	1.27	0.26	0.00	0.72	6.72	26.82	0.03	0.00	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.01 GB	0.07 GB
6000119	value	**-858.32**	-848.59	**-858.32**	**-858.32**	-848.59	-848.59	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-858.32**	**-858.32**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	**-858.32**	-858.43	-858.58	**-858.32**	**-858.32**	-Inf	-Inf	-Inf	**-858.32**	**-858.32**	**-858.32**
	runtime	0.00	0.01	0.03	0.05	0.00	0.01	0.65	0.00	0.00	0.11	0.01	0.04	0.02	0.11	0.05	0.03	0.01	0.02	0.02	0.03	0.74	0.05	0.88	0.03	0.02	1.02	0.93	0.22	0.00	0.74	6.74	27.20	0.01	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
6000120	value	**-924.06**	-915.78	**-924.06**	**-924.06**	-915.78	-923.49	-923.49	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-924.06**	**-924.06**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	**-924.06**	-924.06	**-924.06**	**-924.06**	-924.12	-924.47	**-924.06**	**-924.06**	-Inf	-Inf	-Inf	**-924.06**	**-924.06**	**-924.06**
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.44	0.00	0.00	0.11	0.01	0.05	0.02	0.18	0.08	0.06	0.01	0.03	0.03	0.04	0.90	0.11	1.25	0.07	0.04	1.36	1.23	0.24	0.00	0.76	6.75	25.60	0.02	0.02	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.84 GB	0.01 GB	0.01 GB	0.07 GB
6000121	value	**-892.97**	-891.89	**-892.97**	**-892.97**	-891.89	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-892.97**	**-892.97**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	**-892.97**	-892.98	**-892.97**	**-892.97**	-892.99	-893.32	**-892.97**	**-892.97**	-Inf	-Inf	-Inf	**-892.97**	**-892.97**	**-892.97**
	runtime	0.00	0.00	0.03	0.05	0.00	0.02	0.42	0.00	0.00	0.10	0.01	0.04	0.01	0.15	0.07	0.04	0.04	0.03	0.03	0.03	0.71	0.23	0.98	0.06	0.04	1.06	0.97	0.23	0.00	0.82	6.82	27.48	0.04	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.90 GB	0.01 GB	0.01 GB	0.07 GB
6000122	value	**-924.26**	-923.82	**-924.26**	**-924.26**	-923.82	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-924.26**	**-924.26**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	**-924.26**	-924.26	**-924.26**	**-924.26**	-924.35	-924.84	**-924.26**	**-924.26**	-Inf	-Inf	-Inf	**-924.26**	**-924.26**	**-924.26**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.43	0.00	0.00	0.11	0.01	0.04	0.01	0.17	0.07	0.03	0.04	0.02	0.03	0.03	1.04	0.40	1.23	0.05	0.06	1.33	1.21	0.24	0.00	0.93	6.93	26.28	0.04	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.01 GB	0.07 GB
6000123	value	-849.91	-849.68	**-850.46**	**-850.46**	-849.68	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	-850.24	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**	**-850.46**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-850.46**	**-850.46**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-850.46**	**-850.46**	**-850.46**	**-850.46**	-850.47	**-850.46**	-850.50	**-850.46**	**-850.46**	-850.83	-851.38	**-850.46**	**-850.46**	-Inf	-Inf	-Inf	**-850.46**	**-850.46**	**-850.46**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.44	0.00	0.00	0.11	0.01	0.04	0.02	0.11	0.04	0.02	0.02	0.03	0.03	0.03	1.06	0.14	0.99	0.04	0.08	1.07	0.98	0.24	0.00	0.99	6.96	25.94	0.01	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000124	value	**-812.99**	-809.22	-812.86	-812.86	-809.22	-812.86	-812.86	**-812.99**	**-812.99**	-812.86	-812.86	-812.86	-812.86	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**	**-812.99**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-812.99**	**-812.99**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-812.99**	-812.99	-812.99	**-812.99**	-813.01	**-812.99**	-813.08	**-812.99**	**-812.99**	-813.40	-814.12	**-812.99**	**-812.99**	-Inf	-Inf	-Inf	**-812.99**	**-812.99**	**-812.99**
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.43	0.01	0.00	0.11	0.02	0.07	0.02	0.30	0.14	0.06	0.15	0.12	0.13	0.10	1.32	0.50	1.24	0.13	0.27	1.36	1.25	0.24	0.01	3.83	9.86	29.23	0.15	0.05	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.95 GB	0.01 GB	0.01 GB	0.07 GB
6000125	value	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-867.83**	**-867.83**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	**-867.83**	-867.89	-868.35	**-867.83**	**-867.83**	-Inf	-Inf	-Inf	**-867.83**	**-867.83**	**-867.83**
	runtime	0.00	0.01	0.04	0.05	0.00	0.01	0.41	0.00	0.00	0.10	0.01	0.04	0.01	0.15	0.07	0.05	0.01	0.02	0.03	0.03	0.42	0.06	0.47	0.04	0.03	1.07	0.94	0.22	0.00	0.77	6.76	28.83	0.01	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.96 GB	0.01 GB	0.01 GB	0.07 GB
6000126	value	**-750.46**	-742.62	-747.48	-747.48	-742.62	-747.05	-747.05	**-750.46**	**-750.46**	-747.48	-747.48	-747.48	-747.48	**-750.46**	-747.48	-747.48	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-750.46**	**-750.46**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	**-750.46**	-750.47	-750.49	**-750.46**	**-750.46**	-Inf	-Inf	-Inf	**-750.46**	**-750.46**	**-750.46**
	runtime	0.00	0.00	0.04	0.05	0.00	0.03	0.42	0.00	0.00	0.10	0.02	0.04	0.02	0.15	0.06	0.03	0.01	0.02	0.01	0.02	0.39	0.03	0.33	0.03	0.02	1.00	0.92	0.22	0.00	0.69	6.69	26.15	0.01	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.82 GB	0.01 GB	0.01 GB	0.07 GB
6000127	value	-776.10	-774.87	**-776.51**	**-776.51**	-774.87	-774.87	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-776.51**	**-776.51**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	**-776.51**	-776.60	-776.87	**-776.51**	**-776.51**	-Inf	-Inf	-Inf	**-776.51**	**-776.51**	**-776.51**
	runtime	0.00	0.01	0.04	0.05	0.00	0.01	0.48	0.00	0.00	0.10	0.01	0.04	0.01	0.11	0.05	0.03	0.01	0.03	0.03	0.02	0.41	0.07	0.66	0.03	0.03	1.00	0.91	0.22	0.00	0.81	6.82	22.74	0.01	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.69 GB	0.01 GB	0.01 GB	0.07 GB
6000128	value	-865.73	-861.20	**-865.86**	**-865.86**	-861.20	-861.20	-861.20	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	-865.74	**-865.86**	**-865.86**	-864.96	-864.97	-864.97	**-865.86**	**-865.86**	**-865.86**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-865.86**	**-865.86**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	**-865.86**	-865.86	**-865.86**	**-865.86**	-866.18	-866.97	**-865.86**	**-865.86**	-Inf	-Inf	-Inf	**-865.86**	**-865.86**	**-865.86**
	runtime	0.01	0.01	0.05	0.08	0.00	0.02	0.45	0.00	0.00	0.10	0.02	0.06	0.02	0.36	0.16	0.14	0.05	0.04	0.04	0.03	1.04	1.04	1.23	0.09	0.08	1.36	1.21	0.25	0.00	1.92	7.94	24.98	0.05	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.77 GB	0.01 GB	0.01 GB	0.07 GB
6000129	value	**-861.15**	-860.50	**-861.15**	**-861.15**	-860.50	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	**-861.15**	-860.50	**-861.15**	**-861.15**	**-861.15**	**-861.15**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-861.15**	**-861.15**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-861.15**	**-861.15**	**-861.15**	**-861.15**	-861.15	**-861.15**	-861.15	**-861.15**	**-861.15**	-861.26	-861.44	**-861.15**	**-861.15**	-Inf	-Inf	-Inf	**-861.15**	**-861.15**	**-861.15**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.42	0.00	0.00	0.10	0.01	0.04	0.02	0.23	0.10	0.04	0.01	0.02	0.02	0.02	1.30	0.06	1.19	0.04	0.04	1.26	1.17	0.22	0.00	0.75	6.76	27.85	0.01	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.91 GB	0.01 GB	0.01 GB	0.07 GB
6000130	value	**-884.19**	-882.71	-883.45	-883.45	-882.71	-883.04	-883.04	**-884.19**	**-884.19**	-883.45	-883.45	-883.45	-883.45	-883.45	-883.45	-883.45	**-884.19**	**-884.19**	**-884.19**	**-884.19**	**-884.19**	**-884.19**	-884.08	**-884.19**	**-884.19**	-883.94	-882.96	**-884.19**	**-884.19**	**-884.19**	**-884.19**	**-884.19**	**-884.19**	**-884.19**	**-884.19**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-884.19**	**-884.19**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-884.19**	**-884.19**	**-884.19**	**-884.19**	-884.20	**-884.19**	-884.28	**-884.19**	**-884.19**	-884.84	-885.76	**-884.19**	**-884.19**	-Inf	-Inf	-Inf	**-884.19**	**-884.19**	**-884.19**
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.43	0.01	0.01	0.11	0.01	0.06	0.02	0.34	0.14	1.07	0.03	0.11	0.11	0.11	1.35	0.37	1.23	0.26	0.19	1.31	1.21	0.24	0.01	10.18	16.29	27.29	0.03	0.06	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.88 GB	0.01 GB	0.01 GB	0.07 GB
6000131	value	-884.02	-875.20	**-884.16**	**-884.16**	-875.20	-876.11	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-884.16**	**-884.16**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	**-884.16**	-884.22	-884.40	**-884.16**	**-884.16**	-Inf	-Inf	-Inf	**-884.16**	**-884.16**	**-884.16**
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.74	0.00	0.01	0.11	0.01	0.05	0.02	0.23	0.10	0.04	0.01	0.04	0.04	0.04	0.72	0.10	0.83	0.04	0.04	1.06	0.97	0.24	0.00	0.82	6.82	26.31	0.01	0.02	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.85 GB	0.01 GB	0.01 GB	0.07 GB
6000132	value	**-850.86**	-847.25	**-850.86**	**-850.86**	-847.25	-847.25	-849.18	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	-848.70	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	-849.59	**-850.86**	**-850.86**	**-850.86**	**-850.86**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-850.86**	**-850.86**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	**-850.86**	-850.86	**-850.86**	**-850.86**	-851.11	-851.59	**-850.86**	**-850.86**	-Inf	-Inf	-Inf	**-850.86**	**-850.86**	**-850.86**
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.61	0.00	0.00	0.11	0.01	0.05	0.02	0.28	1.22	1.07	0.01	0.02	0.02	0.03	1.20	0.12	1.20	0.05	0.05	1.30	1.20	0.23	0.00	0.79	6.80	27.37	0.01	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
6000133	value	-780.38	-779.34	**-780.42**	**-780.42**	-779.34	-780.07	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	-780.16	**-780.42**	**-780.42**	**-780.42**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-780.42**	**-780.42**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	**-780.42**	-780.42	**-780.42**	**-780.42**	-780.66	-781.15	**-780.42**	**-780.42**	-Inf	-Inf	-Inf	**-780.42**	**-780.42**	**-780.42**
	runtime	0.00	0.01	0.04	0.06	0.00	0.02	0.54	0.00	0.00	0.10	0.01	0.05	0.02	0.32	0.13	0.07	0.03	0.04	0.04	0.04	1.09	0.20	1.22	0.07	0.06	1.31	1.21	0.23	0.00	0.89	6.89	28.60	0.03	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.94 GB	0.01 GB	0.01 GB	0.07 GB
6000134	value	**-855.51**	-855.21	**-855.51**	**-855.51**	-855.21	-855.50	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**	**-855.51**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-855.51**	**-855.51**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-855.51**	-855.51	-855.51	**-855.51**	-855.55	-855.51	-855.66	**-855.51**	**-855.51**	-856.29	-857.35	**-855.51**	**-855.51**	-Inf	-Inf	-Inf	**-855.51**	**-855.51**	**-855.51**
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	0.50	0.01	0.01	0.11	0.01	0.06	0.02	0.27	0.11	0.05	0.47	0.17	0.17	0.12	1.31	1.28	1.23	0.28	0.22	1.31	1.26	0.25	0.01	3.15	9.17	30.32	0.46	0.06	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.99 GB	0.01 GB	0.01 GB	0.07 GB
6000135	value	-772.10	-768.92	-771.61	-771.61	-768.92	-769.15	-769.47	**-772.24**	**-772.24**	-771.61	-771.61	-771.61	-771.61	-771.61	-771.61	-771.61	**-772.24**	**-772.24**	**-772.24**	**-772.24**	**-772.24**	**-772.24**	**-772.24**	**-772.24**	**-772.24**	**-772.24**	-772.19	**-772.24**	**-772.24**	**-772.24**	**-772.24**	**-772.24**	**-772.24**	**-772.24**	**-772.24**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-772.24**	**-772.24**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-772.24**	**-772.24**	**-772.24**	**-772.24**	-772.25	**-772.24**	-772.29	**-772.24**	**-772.24**	-772.59	-773.59	**-772.24**	**-772.24**	-Inf	-Inf	-Inf	**-772.24**	**-772.24**	**-772.24**
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.51	0.00	0.01	0.10	0.01	0.04	0.01	0.12	0.05	0.03	0.03	0.05	0.05	0.08	1.01	0.10	0.96	0.06	0.05	1.01	0.92	0.24	0.00	0.81	6.81	24.61	0.04	0.03	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.77 GB	0.01 GB	0.01 GB	0.07 GB
6000136	value	-825.41	-818.41	-823.60	-823.60	-818.41	-820.70	-821.52	**-825.63**	**-825.63**	-823.60	-823.60	-823.60	-823.60	-823.60	-823.60	-823.60	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	-825.41	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-825.63**	**-825.63**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	**-825.63**	-825.67	-825.91	**-825.63**	**-825.63**	-Inf	-Inf	-Inf	**-825.63**	**-825.63**	**-825.63**
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.48	0.00	0.00	0.11	0.02	0.07	0.02	0.43	0.18	0.07	0.02	0.03	0.03	0.04	0.67	0.11	0.86	0.07	0.03	1.35	1.24	0.25	0.00	0.93	6.92	27.28	0.02	0.01	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.88 GB	0.01 GB	0.01 GB	0.07 GB
6000137	value	**-821.11**	-815.32	-818.82	-818.82	-815.32	-817.91	-818.82	**-821.11**	**-821.11**	**-821.11**	-818.82	-818.82	-818.82	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	-821.10	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**	**-821.11**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-821.11**	**-821.11**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-821.11**	**-821.11**	**-821.11**	**-821.11**	-821.12	**-821.11**	-821.14	**-821.11**	**-821.11**	-821.47	-822.29	**-821.11**	**-821.11**	-Inf	-Inf	-Inf	**-821.11**	**-821.11**	**-821.11**
	runtime	0.00	0.01	0.05	0.06	0.00	0.02	0.46	0.00	0.00	0.10	0.01	0.05	0.02	0.26	0.10	0.07	0.02	0.07	0.07	0.05	1.27	0.19	1.17	0.11	0.27	1.26	1.17	0.23	0.00	0.74	6.73	25.15	0.02	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.81 GB	0.01 GB	0.01 GB	0.07 GB
6000138	value	**-891.99**	-885.78	-889.56	-889.56	-885.78	-885.98	-885.98	**-891.99**	**-891.99**	-889.56	**-891.99**	-889.56	-889.56	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**	**-891.99**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-891.99**	**-891.99**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-891.99**	**-891.99**	**-891.99**	**-891.99**	-891.99	**-891.99**	-892.02	**-891.99**	**-891.99**	-892.32	-892.95	**-891.99**	**-891.99**	-Inf	-Inf	-Inf	**-891.99**	**-891.99**	**-891.99**
	runtime	0.00	0.00	0.08	0.09	0.00	0.02	0.49	0.00	0.00	0.11	0.03	0.08	0.03	0.23	0.10	0.05	0.05	0.04	0.04	0.06	1.04	0.75	0.97	0.05	0.07	1.05	0.98	0.24	0.00	0.86	6.85	29.11	0.05	0.03	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.98 GB	0.01 GB	0.01 GB	0.07 GB
6000139	value	**-943.57**	-936.30	**-943.57**	**-943.57**	-936.30	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-943.57**	**-943.57**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	**-943.57**	-943.61	-943.64	**-943.57**	**-943.57**	-Inf	-Inf	-Inf	**-943.57**	**-943.57**	**-943.57**
	runtime	0.00	0.00	0.03	0.05	0.00	0.02	0.47	0.00	0.00	0.11	0.01	0.04	0.01	0.21	0.08	0.05	0.01	0.03	0.02	0.03	0.80	0.09	0.78	0.06	0.04	1.35	1.27	0.24	0.00	0.78	6.76	25.81	0.01	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000140	value	**-854.23**	-850.15	**-854.23**	**-854.23**	-850.15	-853.12	-853.12	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	**-854.23**	-853.12	-853.52	**-854.23**	**-854.23**	**-854.23**	**-854.23**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-854.23**	**-854.23**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-854.23**	-854.23	-854.23	**-854.23**	-854.23	**-854.23**	-854.23	**-854.23**	**-854.23**	-854.39	-854.59	**-854.23**	**-854.23**	-Inf	-Inf	-Inf	**-854.23**	**-854.23**	**-854.23**
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.43	0.00	0.00	0.10	0.01	0.05	0.02	0.21	0.07	0.05	0.01	0.02	0.02	0.03	1.28	0.10	1.20	0.09	0.06	1.30	1.19	0.24	0.00	0.87	6.86	28.17	0.01	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
6000141	value	**-862.86**	-858.71	-862.75	-862.75	-858.71	-858.71	-858.71	**-862.86**	**-862.86**	-862.75	-862.75	-862.75	-862.75	**-862.86**	**-862.86**	**-862.86**	**-862.86**	-862.12	-862.12	**-862.86**	**-862.86**	**-862.86**	**-862.86**	**-862.86**	**-862.86**	**-862.86**	**-862.86**	**-862.86**	**-862.86**	**-862.86**	**-862.86**	-862.14	**-862.86**	**-862.86**	**-862.86**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-862.86**	**-862.86**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-862.86**	-862.86	-862.86	**-862.86**	-862.87	-862.86	-862.92	**-862.86**	**-862.86**	-863.30	-864.00	**-862.86**	**-862.86**	-Inf	-Inf	-Inf	**-862.86**	**-862.86**	**-862.86**
	runtime	0.00	0.00	0.05	0.07	0.00	0.01	0.41	0.01	0.01	0.11	0.02	0.05	0.02	0.62	0.28	0.08	0.12	0.13	0.27	0.16	1.27	1.25	1.18	0.24	0.13	1.29	1.18	0.24	0.01	1.08	7.08	26.61	0.12	0.11	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.02 GB	0.07 GB
6000142	value	**-852.04**	-850.98	-851.96	-851.96	-850.98	-851.05	-851.05	**-852.04**	**-852.04**	-851.43	-851.96	-851.96	-851.96	-851.96	-851.96	-851.96	**-852.04**	**-852.04**	**-852.04**	**-852.04**	**-852.04**	**-852.04**	**-852.04**	**-852.04**	**-852.04**	**-852.04**	-851.96	**-852.04**	**-852.04**	**-852.04**	**-852.04**	**-852.04**	**-852.04**	**-852.04**	**-852.04**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-852.04**	**-852.04**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-852.04**	-852.04	-852.04	**-852.04**	-852.09	**-852.04**	-852.18	**-852.04**	**-852.04**	-852.59	-853.16	**-852.04**	**-852.04**	-Inf	-Inf	-Inf	**-852.04**	**-852.04**	**-852.04**
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.44	0.01	0.01	0.10	0.01	0.05	0.02	0.16	0.06	0.05	0.05	0.09	0.09	0.06	1.27	0.73	1.18	0.30	0.47	1.31	1.14	0.24	0.00	3.96	10.00	26.53	0.04	0.04	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
6000143	value	**-865.33**	-848.52	**-865.33**	**-865.33**	-848.52	-856.58	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	-865.25	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-865.33**	**-865.33**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	**-865.33**	-865.33	**-865.33**	**-865.33**	-865.43	-865.70	**-865.33**	**-865.33**	-Inf	-Inf	-Inf	**-865.33**	**-865.33**	**-865.33**
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.75	0.00	0.00	0.11	0.02	0.05	0.02	0.36	0.14	0.07	0.01	0.03	0.03	0.04	0.90	0.06	1.20	0.05	0.06	1.29	1.19	0.24	0.00	1.23	7.23	29.52	0.01	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.99 GB	0.01 GB	0.01 GB	0.07 GB
6000144	value	**-845.41**	-837.36	**-845.41**	**-845.41**	-837.36	-843.40	-843.40	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**	**-845.41**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-845.41**	**-845.41**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-845.41**	-845.41	-845.41	**-845.41**	**-845.41**	**-845.41**	-845.42	**-845.41**	**-845.41**	-845.85	-846.60	**-845.41**	**-845.41**	-Inf	-Inf	-Inf	**-845.41**	**-845.41**	**-845.41**
	runtime	0.00	0.00	0.06	0.08	0.00	0.02	0.40	0.01	0.01	0.10	0.01	0.06	0.02	0.34	0.13	0.08	0.01	0.04	0.04	0.04	1.04	0.14	1.16	0.09	0.06	1.20	1.14	0.23	0.00	2.18	7.94	31.98	0.01	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	1.12 GB	0.01 GB	0.01 GB	0.07 GB
6000145	value	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**	**-855.57**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-855.57**	**-855.57**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-855.57**	**-855.57**	**-855.57**	**-855.57**	-855.57	**-855.57**	-855.57	**-855.57**	**-855.57**	-855.67	-855.99	**-855.57**	**-855.57**	-Inf	-Inf	-Inf	**-855.57**	**-855.57**	**-855.57**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.04	0.01	0.18	0.07	0.06	0.02	0.03	0.03	0.03	1.31	0.11	1.20	0.06	0.06	1.28	1.17	0.24	0.00	0.80	6.80	26.88	0.02	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.85 GB	0.01 GB	0.01 GB	0.07 GB
6000146	value	**-1078.28**	-1077.26	**-1078.28**	**-1078.28**	-1077.26	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-1078.28**	**-1078.28**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	**-1078.28**	-1078.28	**-1078.28**	**-1078.28**	-1078.36	-1078.54	**-1078.28**	**-1078.28**	-Inf	-Inf	-Inf	**-1078.28**	**-1078.28**	**-1078.28**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.42	0.00	0.00	0.10	0.01	0.04	0.02	0.23	0.09	0.05	0.01	0.04	0.04	0.04	0.93	0.09	1.14	0.05	0.03	1.26	1.16	0.23	0.00	0.67	6.67	23.69	0.01	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.70 GB	0.01 GB	0.01 GB	0.07 GB
6000147	value	**-909.94**	-908.59	**-909.94**	**-909.94**	-908.59	-908.81	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	-909.45	**-909.94**	**-909.94**	**-909.94**	**-909.94**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-909.94**	**-909.94**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	**-909.94**	-909.94	**-909.94**	**-909.94**	-910.09	-910.38	**-909.94**	**-909.94**	-Inf	-Inf	-Inf	**-909.94**	**-909.94**	**-909.94**
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.66	0.00	0.00	0.11	0.01	0.05	0.02	0.32	0.13	0.07	0.01	0.03	0.04	0.03	1.12	0.14	1.24	0.06	0.02	1.29	1.23	0.25	0.00	0.84	6.85	28.28	0.01	0.02	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB
6000148	value	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-901.13**	**-901.13**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	**-901.13**	-901.13	**-901.13**	**-901.13**	-901.19	-901.48	**-901.13**	**-901.13**	-Inf	-Inf	-Inf	**-901.13**	**-901.13**	**-901.13**
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.40	0.00	0.00	0.09	0.01	0.04	0.01	0.10	0.04	0.02	0.01	0.02	0.02	0.02	0.77	0.03	0.89	0.02	0.03	0.97	0.89	0.21	0.00	0.68	6.67	23.44	0.02	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.72 GB	0.01 GB	0.01 GB	0.06 GB
6000149	value	**-860.84**	-857.93	**-860.84**	**-860.84**	-857.93	-857.93	-857.93	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	**-860.84**	-860.33	**-860.84**	**-860.84**	**-860.84**	**-860.84**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-860.84**	**-860.84**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-860.84**	**-860.84**	**-860.84**	**-860.84**	-860.84	**-860.84**	-860.85	**-860.84**	**-860.84**	-861.03	-861.21	**-860.84**	**-860.84**	-Inf	-Inf	-Inf	**-860.84**	**-860.84**	**-860.84**
	runtime	0.00	0.01	0.05	0.06	0.00	0.02	0.42	0.00	0.00	0.10	0.01	0.05	0.02	0.17	0.07	0.04	0.01	0.03	0.02	0.03	1.27	0.06	1.18	0.05	0.04	1.26	1.17	0.23	0.00	0.76	6.76	25.75	0.01	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000150	value	-843.63	-841.63	**-843.77**	**-843.77**	-841.63	-842.14	-843.63	**-843.77**	**-843.77**	**-843.77**	**-843.77**	**-843.77**	**-843.77**	-843.63	**-843.77**	**-843.77**	**-843.77**	**-843.77**	**-843.77**	**-843.77**	**-843.77**	**-843.77**	**-843.77**	**-843.77**	**-843.77**	**-843.77**	-842.98	**-843.77**	**-843.77**	-843.19	-843.48	-843.63	**-843.77**	**-843.77**	**-843.77**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-843.77**	**-843.77**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-843.77**	-843.77	-843.77	**-843.77**	-843.78	**-843.77**	-843.83	**-843.77**	**-843.77**	-844.11	-844.79	**-843.77**	**-843.77**	-Inf	-Inf	-Inf	**-843.77**	**-843.77**	**-843.77**
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.60	0.00	0.00	0.11	0.01	0.05	0.02	0.29	0.17	0.09	0.03	0.05	0.05	0.05	1.33	0.26	1.23	0.10	0.06	1.31	1.21	0.25	0.00	15.61	21.67	27.53	0.02	0.02	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
6000151	value	**-811.30**	-808.03	-810.13	-810.13	-808.03	-809.81	-809.81	**-811.30**	**-811.30**	-810.13	-810.13	-810.13	-810.13	-810.13	-810.13	-810.13	**-811.30**	**-811.30**	**-811.30**	**-811.30**	**-811.30**	**-811.30**	**-811.30**	**-811.30**	**-811.30**	**-811.30**	**-811.30**	**-811.30**	**-811.30**	**-811.30**	-811.28	**-811.30**	**-811.30**	**-811.30**	**-811.30**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-811.30**	**-811.30**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-811.30**	**-811.30**	**-811.30**	**-811.30**	-811.31	**-811.30**	-811.33	**-811.30**	**-811.30**	-811.60	-812.51	**-811.30**	**-811.30**	-Inf	-Inf	-Inf	**-811.30**	**-811.30**	**-811.30**
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	0.42	0.00	0.00	0.10	0.01	0.06	0.03	0.14	0.05	0.03	0.05	0.04	0.04	0.05	1.02	0.16	1.00	0.04	0.04	0.99	0.95	0.23	0.00	3.71	9.74	29.52	0.06	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB
6000152	value	**-886.95**	-875.09	-886.74	-886.74	-875.09	-878.16	-878.16	**-886.95**	**-886.95**	-886.74	-886.74	-886.74	-886.74	-886.74	-886.74	-886.74	**-886.95**	**-886.95**	**-886.95**	**-886.95**	**-886.95**	**-886.95**	**-886.95**	**-886.95**	**-886.95**	**-886.95**	-886.74	**-886.95**	**-886.95**	**-886.95**	**-886.95**	**-886.95**	**-886.95**	**-886.95**	**-886.95**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-886.95**	**-886.95**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-886.95**	**-886.95**	**-886.95**	**-886.95**	-886.96	**-886.95**	-886.99	**-886.95**	**-886.95**	-887.45	-888.87	**-886.95**	**-886.95**	-Inf	-Inf	-Inf	**-886.95**	**-886.95**	**-886.95**
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.42	0.00	0.00	0.10	0.01	0.06	0.02	0.21	0.09	0.07	0.02	0.05	0.04	0.05	1.28	0.21	1.20	0.12	0.08	1.27	1.20	0.24	0.00	1.06	7.07	29.48	0.02	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.95 GB	0.01 GB	0.01 GB	0.07 GB
6000153	value	**-857.60**	-851.26	**-857.60**	**-857.60**	-851.26	-852.63	-856.88	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**	**-857.60**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-857.60**	**-857.60**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-857.60**	**-857.60**	**-857.60**	**-857.60**	-857.61	**-857.60**	-857.62	**-857.60**	**-857.60**	-857.96	-858.35	**-857.60**	**-857.60**	-Inf	-Inf	-Inf	**-857.60**	**-857.60**	**-857.60**
	runtime	0.00	0.00	0.06	0.08	0.00	0.02	0.52	0.00	0.01	0.10	0.02	0.07	0.02	0.17	0.07	0.04	0.01	0.05	0.05	0.05	0.99	0.08	0.91	0.08	0.05	0.99	0.95	0.24	0.01	0.79	6.79	26.78	0.01	0.03	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.85 GB	0.01 GB	0.01 GB	0.07 GB
6000154	value	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**	**-799.99**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-799.99**	**-799.99**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-799.99**	**-799.99**	**-799.99**	**-799.99**	-799.99	**-799.99**	-799.99	**-799.99**	**-799.99**	-800.09	-800.38	**-799.99**	**-799.99**	-Inf	-Inf	-Inf	**-799.99**	**-799.99**	**-799.99**
	runtime	0.01	0.00	0.04	0.05	0.00	0.01	0.41	0.00	0.00	0.10	0.01	0.04	0.01	0.21	0.09	0.06	0.02	0.02	0.03	0.03	1.19	0.07	1.09	0.04	0.03	1.20	1.10	0.23	0.00	0.65	6.65	24.47	0.03	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.78 GB	0.01 GB	0.01 GB	0.06 GB
6000155	value	**-907.89**	-905.18	-905.79	-905.79	-905.18	-905.79	-905.79	**-907.89**	**-907.89**	-905.79	-905.79	-905.79	-905.79	**-907.89**	-905.79	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**	-907.70	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**	**-907.89**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-907.89**	**-907.89**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-907.89**	**-907.89**	**-907.89**	**-907.89**	-907.89	**-907.89**	-907.95	**-907.89**	**-907.89**	-908.29	-909.10	**-907.89**	**-907.89**	-Inf	-Inf	-Inf	**-907.89**	**-907.89**	**-907.89**
	runtime	0.01	0.00	0.07	0.08	0.00	0.02	0.45	0.00	0.00	0.11	0.02	0.07	0.02	0.27	0.09	0.08	0.02	0.05	0.05	0.04	1.38	0.11	1.26	0.08	0.08	1.41	1.26	0.27	0.00	14.53	16.21	30.54	0.02	0.01	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.05 GB	0.04 GB	1.00 GB	0.01 GB	0.01 GB	0.07 GB
6000156	value	**-853.69**	-839.20	-852.95	-852.95	-839.20	-849.20	-849.32	**-853.69**	**-853.69**	-850.37	-852.95	-852.95	-850.37	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	-853.36	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**	**-853.69**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-853.69**	**-853.69**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-853.69**	**-853.69**	**-853.69**	**-853.69**	-853.69	**-853.69**	-853.70	**-853.69**	**-853.69**	-854.01	-854.95	**-853.69**	**-853.69**	-Inf	-Inf	-Inf	**-853.69**	**-853.69**	**-853.69**
	runtime	0.00	0.01	0.06	0.07	0.00	0.03	0.53	0.00	0.00	0.11	0.02	0.06	0.04	0.31	0.18	0.09	0.02	0.05	0.05	0.03	1.38	0.16	1.22	0.08	0.05	1.34	1.24	0.27	0.00	4.29	10.33	33.21	0.02	0.01	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	1.16 GB	0.01 GB	0.01 GB	0.07 GB
6000157	value	**-832.17**	-826.14	**-832.17**	**-832.17**	-826.14	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	-832.07	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**	**-832.17**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-832.17**	**-832.17**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-832.17**	**-832.17**	**-832.17**	**-832.17**	-832.17	**-832.17**	-832.18	**-832.17**	**-832.17**	-832.36	-832.87	**-832.17**	**-832.17**	-Inf	-Inf	-Inf	**-832.17**	**-832.17**	**-832.17**
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.04	0.01	0.24	0.09	0.05	0.01	0.02	0.02	0.03	1.23	0.11	1.11	0.07	0.03	1.20	1.13	0.22	0.00	0.71	6.71	25.39	0.01	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.82 GB	0.01 GB	0.01 GB	0.07 GB
6000158	value	**-825.36**	-824.40	**-825.36**	**-825.36**	-824.40	-824.91	-824.91	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	**-825.36**	-825.36	**-825.36**	**-825.36**	**-825.36**	**-825.36**	-825.22	**-825.36**	**-825.36**	**-825.36**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-825.36**	**-825.36**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-825.36**	-825.36	-825.36	**-825.36**	-825.38	**-825.36**	-825.41	**-825.36**	**-825.36**	-825.74	-826.22	**-825.36**	**-825.36**	-Inf	-Inf	-Inf	**-825.36**	**-825.36**	**-825.36**
	runtime	0.00	0.00	0.25	0.27	0.00	0.02	0.42	0.01	0.00	0.11	0.02	0.26	0.10	0.39	0.16	0.09	0.37	0.09	0.09	0.08	1.31	1.16	1.20	0.12	0.18	1.29	1.18	0.24	0.00	10.64	16.70	28.24	0.38	0.05	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.91 GB	0.01 GB	0.01 GB	0.07 GB
6000159	value	**-816.97**	-816.64	**-816.97**	**-816.97**	-816.64	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-816.97**	**-816.97**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	**-816.97**	-817.00	-817.08	**-816.97**	**-816.97**	-Inf	-Inf	-Inf	**-816.97**	**-816.97**	**-816.97**
	runtime	0.01	0.00	0.04	0.05	0.00	0.01	0.39	0.00	0.00	0.10	0.01	0.04	0.02	0.13	0.05	0.02	0.03	0.02	0.02	0.02	0.40	0.11	0.43	0.03	0.03	0.97	0.90	0.22	0.00	0.73	6.73	27.65	0.04	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
6000160	value	**-813.28**	-813.26	**-813.28**	**-813.28**	-813.26	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	-812.60	**-813.28**	**-813.28**	**-813.28**	**-813.28**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-813.28**	**-813.28**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	**-813.28**	-813.35	-813.61	**-813.28**	**-813.28**	-Inf	-Inf	-Inf	**-813.28**	**-813.28**	**-813.28**
	runtime	0.00	0.01	0.04	0.05	0.00	0.02	0.42	0.00	0.00	0.10	0.01	0.04	0.01	0.11	0.04	0.02	0.03	0.03	0.04	0.03	0.90	0.13	0.94	0.05	0.05	1.04	0.99	0.23	0.00	0.80	6.81	24.87	0.02	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB
6000161	value	**-891.41**	-880.61	**-891.41**	**-891.41**	-880.61	-886.66	-886.66	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	-890.90	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**	**-891.41**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-891.41**	**-891.41**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-891.41**	**-891.41**	**-891.41**	**-891.41**	-891.41	**-891.41**	-891.41	**-891.41**	**-891.41**	-891.71	-892.13	**-891.41**	**-891.41**	-Inf	-Inf	-Inf	**-891.41**	**-891.41**	**-891.41**
	runtime	0.00	0.00	0.07	0.09	0.00	0.02	0.41	0.00	0.00	0.10	0.02	0.08	0.03	0.18	0.07	0.04	0.06	0.04	0.04	0.04	1.22	0.15	1.12	0.07	0.04	1.19	1.09	0.24	0.00	2.84	8.89	25.11	0.06	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.12 GB	0.12 GB	0.79 GB	0.01 GB	0.01 GB	0.07 GB
6000162	value	**-1034.63**	-1031.03	**-1034.63**	**-1034.63**	-1031.03	-1032.16	-1032.16	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	**-1034.63**	-1034.61	**-1034.63**	**-1034.63**	**-1034.63**	-1034.19	-1034.19	**-1034.63**	**-1034.63**	**-1034.63**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-1034.63**	**-1034.63**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-1034.63**	-1034.63	-1034.63	**-1034.63**	-1034.67	**-1034.63**	-1034.75	**-1034.63**	**-1034.63**	-1035.11	-1036.05	**-1034.63**	**-1034.63**	-Inf	-Inf	-Inf	**-1034.63**	**-1034.63**	**-1034.63**
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.42	0.00	0.00	0.11	0.01	0.06	0.02	0.46	0.20	0.08	0.05	0.06	0.06	0.07	1.31	0.46	1.22	0.12	0.13	1.35	1.20	0.25	0.00	0.84	6.84	27.80	0.05	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
6000163	value	-666.95	-664.07	-666.53	-666.53	-664.07	-666.53	-666.53	**-667.12**	**-667.12**	-666.53	**-667.12**	-666.53	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	-666.24	**-667.12**	**-667.12**	**-667.12**	**-667.12**	-666.99	**-667.12**	**-667.12**	**-667.12**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-667.12**	**-667.12**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	**-667.12**	-667.13	**-667.12**	**-667.12**	-667.26	-667.75	**-667.12**	**-667.12**	-Inf	-Inf	-Inf	**-667.12**	**-667.12**	**-667.12**
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.05	0.01	0.25	0.10	0.05	0.02	0.05	0.04	0.05	0.85	0.46	1.15	0.08	0.06	1.27	1.15	0.24	0.00	10.41	16.41	26.96	0.02	0.02	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.01 GB	0.07 GB
6000164	value	-731.35	-732.10	**-733.39**	**-733.39**	-732.10	-732.10	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	-733.03	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**	**-733.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-733.39**	**-733.39**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-733.39**	**-733.39**	**-733.39**	**-733.39**	-733.39	**-733.39**	-733.41	**-733.39**	**-733.39**	-733.75	-734.69	**-733.39**	**-733.39**	-Inf	-Inf	-Inf	**-733.39**	**-733.39**	**-733.39**
	runtime	0.01	0.00	0.04	0.06	0.00	0.01	0.50	0.00	0.00	0.09	0.01	0.05	0.02	0.22	0.09	0.03	0.02	0.03	0.04	0.04	0.94	0.07	0.89	0.05	0.05	0.95	0.89	0.22	0.00	3.26	9.22	25.36	0.01	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.14 GB	0.14 GB	0.78 GB	0.01 GB	0.01 GB	0.06 GB
6000165	value	**-926.03**	-923.83	**-926.03**	**-926.03**	-923.83	-923.83	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**	**-926.03**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-926.03**	**-926.03**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-926.03**	-926.03	-926.03	**-926.03**	-926.03	**-926.03**	-926.04	**-926.03**	**-926.03**	-926.31	-926.76	**-926.03**	**-926.03**	-Inf	-Inf	-Inf	**-926.03**	**-926.03**	**-926.03**
	runtime	0.00	0.00	0.04	0.06	0.00	0.01	0.55	0.00	0.00	0.10	0.01	0.05	0.02	0.28	0.11	0.06	0.06	0.03	0.03	0.03	1.29	0.19	1.26	0.07	0.08	1.31	1.17	0.23	0.00	0.86	6.86	27.51	0.05	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
6000166	value	-892.11	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**	**-894.09**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-894.09**	**-894.09**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-894.09**	**-894.09**	**-894.09**	**-894.09**	-894.10	**-894.09**	-894.11	**-894.09**	**-894.09**	-894.54	-895.05	**-894.09**	**-894.09**	-Inf	-Inf	-Inf	**-894.09**	**-894.09**	**-894.09**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.42	0.00	0.00	0.11	0.01	0.04	0.02	0.25	0.10	0.05	0.02	0.05	0.05	0.04	1.31	0.10	1.21	0.11	0.08	1.32	1.21	0.24	0.00	3.62	9.67	30.78	0.02	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.99 GB	0.01 GB	0.01 GB	0.07 GB
6000167	value	**-825.65**	-825.32	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	-825.39	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**	**-825.65**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-825.65**	**-825.65**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-825.65**	**-825.65**	**-825.65**	**-825.65**	-825.80	**-825.65**	-826.05	**-825.65**	**-825.65**	-826.70	-827.71	**-825.65**	**-825.65**	-Inf	-Inf	-Inf	**-825.65**	**-825.65**	**-825.65**
	runtime	0.01	0.01	0.06	0.06	0.00	0.02	0.41	0.01	0.01	0.11	0.02	0.05	0.02	0.34	0.14	1.03	0.02	0.12	0.12	0.11	1.29	0.58	1.12	0.14	0.23	1.24	1.14	0.24	0.01	0.99	6.98	23.62	0.03	0.06	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.71 GB	0.01 GB	0.01 GB	0.07 GB
6000168	value	**-814.00**	-813.73	**-814.00**	**-814.00**	-813.73	-813.84	-813.84	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	-813.55	-813.55	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	-813.90	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-814.00	-814.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-813.91**	-814.00	-814.00	-814.00	-814.06	-814.01	-814.13	-814.00	-814.00	-814.53	-815.11	-814.00	-814.00	-Inf	-Inf	-Inf	-814.00	-814.00	-814.00
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.44	0.01	0.02	0.11	0.01	0.05	0.02	0.21	0.09	0.06	0.49	0.13	0.30	0.11	1.29	1.25	1.23	0.17	0.27	1.30	1.17	0.24	0.01	0.86	6.86	29.16	3.26	0.09	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.98 GB	0.01 GB	0.01 GB	0.07 GB
6000169	value	**-855.30**	-853.57	-854.33	-854.33	-853.57	-853.85	-853.85	**-855.30**	**-855.30**	**-855.30**	-854.33	-854.33	-854.33	-854.33	-854.33	-849.08	**-855.30**	**-855.30**	**-855.30**	**-855.30**	**-855.30**	**-855.30**	**-855.30**	**-855.30**	**-855.30**	**-855.30**	-853.89	**-855.30**	**-855.30**	**-855.30**	**-855.30**	**-855.30**	**-855.30**	**-855.30**	**-855.30**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-855.30**	**-855.30**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-855.30**	**-855.30**	**-855.30**	**-855.30**	-855.40	**-855.30**	-855.71	**-855.30**	**-855.30**	-856.34	-857.68	**-855.30**	**-855.30**	-Inf	-Inf	-Inf	**-855.30**	**-855.30**	**-855.30**
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.44	0.01	0.01	0.11	0.01	0.07	0.03	1.25	1.23	1.11	0.03	0.10	0.10	0.09	1.35	0.39	1.22	0.14	0.17	1.36	1.23	0.27	0.00	1.62	7.39	26.17	0.03	0.04	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.82 GB	0.01 GB	0.01 GB	0.07 GB
6000170	value	**-805.83**	-804.05	**-805.83**	**-805.83**	-804.05	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**	**-805.83**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-805.83**	**-805.83**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-805.83**	**-805.83**	**-805.83**	**-805.83**	-805.83	**-805.83**	-805.83	**-805.83**	**-805.83**	-806.23	-806.88	**-805.83**	**-805.83**	-Inf	-Inf	-Inf	**-805.83**	**-805.83**	**-805.83**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.39	0.00	0.00	0.09	0.01	0.04	0.01	0.24	0.10	0.05	0.01	0.04	0.03	0.04	1.19	0.14	1.09	0.06	0.04	1.20	1.10	0.21	0.00	1.65	7.65	28.05	0.01	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.06 GB
6000171	value	-864.12	-859.09	**-864.20**	**-864.20**	-859.09	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	**-864.20**	-864.12	**-864.20**	**-864.20**	**-864.20**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-864.20**	**-864.20**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-864.20**	**-864.20**	**-864.20**	**-864.20**	-864.20	**-864.20**	-864.21	**-864.20**	**-864.20**	-864.40	-865.03	**-864.20**	**-864.20**	-Inf	-Inf	-Inf	**-864.20**	**-864.20**	**-864.20**
	runtime	0.00	0.00	0.03	0.05	0.00	0.02	0.40	0.00	0.00	0.10	0.01	0.04	0.02	0.38	0.15	0.06	0.01	0.03	0.03	0.03	1.20	0.08	1.12	0.05	0.04	1.20	1.09	0.21	0.00	0.91	6.92	28.28	0.01	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.93 GB	0.01 GB	0.01 GB	0.06 GB
6000172	value	**-844.84**	-844.42	-844.84	-844.84	-844.42	-844.42	-844.42	**-844.84**	**-844.84**	-844.84	-844.84	-844.84	-844.84	-844.84	-844.84	-844.84	-844.84	-842.37	-843.02	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**	**-844.84**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-844.84	-844.84	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-844.83**	-844.84	-844.84	-844.84	-844.85	-844.85	-844.93	-844.84	-844.84	-845.47	-846.34	-844.84	-844.84	-Inf	-Inf	-Inf	-844.84	-844.84	-844.84
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.40	0.00	0.00	0.10	0.01	0.03	0.02	0.21	0.09	0.04	0.51	0.06	0.21	0.09	1.22	1.15	1.15	0.09	0.20	1.23	1.14	0.23	0.01	0.70	6.71	26.96	2.34	0.05	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.84 GB	0.01 GB	0.01 GB	0.06 GB
6000173	value	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-826.74**	**-826.74**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	**-826.74**	-826.74	**-826.74**	**-826.74**	-826.83	-826.89	**-826.74**	**-826.74**	-Inf	-Inf	-Inf	**-826.74**	**-826.74**	**-826.74**
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.41	0.00	0.00	0.10	0.01	0.04	0.02	0.17	0.07	0.04	0.04	0.02	0.02	0.03	0.97	0.07	0.93	0.03	0.04	1.04	0.96	0.23	0.00	0.78	6.78	27.83	0.04	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.88 GB	0.01 GB	0.01 GB	0.07 GB
6000174	value	**-820.89**	-818.43	**-820.89**	**-820.89**	-818.43	-819.97	-819.97	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	**-820.89**	-819.98	**-820.89**	**-820.89**	**-820.89**	-820.75	-820.75	**-820.89**	**-820.89**	**-820.89**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-820.89**	**-820.89**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-820.89**	-820.89	-820.89	**-820.89**	-820.89	**-820.89**	-820.93	**-820.89**	**-820.89**	-821.44	-822.85	**-820.89**	**-820.89**	-Inf	-Inf	-Inf	**-820.89**	**-820.89**	**-820.89**
	runtime	0.00	0.01	0.07	0.08	0.00	0.02	0.45	0.00	0.00	0.11	0.02	0.07	0.03	0.25	0.10	0.05	0.03	0.07	0.07	0.07	1.33	0.43	1.23	0.12	0.09	1.30	1.22	0.25	0.00	325.42	337.14	28.56	0.03	0.02	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.09 GB	0.09 GB	0.87 GB	0.01 GB	0.01 GB	0.07 GB
6000175	value	-820.73	-820.36	**-821.95**	**-821.95**	-820.36	-820.36	-820.36	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	-821.08	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**	**-821.95**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-821.95**	**-821.95**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-821.95**	**-821.95**	**-821.95**	**-821.95**	-821.96	**-821.95**	-822.01	**-821.95**	**-821.95**	-822.44	-823.68	**-821.95**	**-821.95**	-Inf	-Inf	-Inf	**-821.95**	**-821.95**	**-821.95**
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.43	0.01	0.00	0.10	0.01	0.05	0.02	0.29	0.12	0.05	0.15	0.07	0.07	0.07	1.29	0.87	1.19	0.14	0.09	1.27	1.18	0.25	0.00	0.95	6.95	24.75	0.15	0.03	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.76 GB	0.01 GB	0.01 GB	0.07 GB
6000176	value	**-814.00**	-808.61	-813.60	-813.60	-808.61	-810.46	-811.25	**-814.00**	**-814.00**	-813.60	-813.60	-813.60	-813.60	-813.71	-813.71	-813.71	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	-813.40	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**	**-814.00**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-814.00**	**-814.00**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-814.00**	**-814.00**	**-814.00**	**-814.00**	-814.04	**-814.00**	-814.16	**-814.00**	**-814.00**	-814.62	-815.96	**-814.00**	**-814.00**	-Inf	-Inf	-Inf	**-814.00**	**-814.00**	**-814.00**
	runtime	0.00	0.00	0.06	0.06	0.00	0.02	0.51	0.01	0.00	0.11	0.01	0.05	0.02	0.63	0.24	0.13	0.03	0.07	0.07	0.07	1.36	0.80	1.26	0.11	0.08	1.35	1.25	0.26	0.00	17.69	23.61	28.41	0.03	0.04	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.91 GB	0.01 GB	0.01 GB	0.07 GB

scene-decomposition		ro-Fusion	ogm-FCM	ogm-LBP-LP	ogm-LBP-LP2	ogm-LF-1	ogm-LF-2	ogm-LF-3	ogm-TRWS-LP1	ogm-TRWS-LP2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDO	MPLP	MPLP-C	ogm-ADSAL	ogm-BundleLA	ogm-BundleLB	ogm-SG-A	ogm-BundleAa	ogm-SG-Aa	ogm-BundleLA-	ogm-SG-A-	ogm-LP-LP	TRWS-TAB	BRAOBB-1	BRAOBB-2	BRAOBB-3	ADDO-BB	ogm-CombLP	ogm-ILP
6000177	value	**-810.47**	-801.13	**-810.47**	-810.47	-801.13	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	-810.30	**-810.47**	**-810.47**	-809.77	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**	**-810.47**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.06	0.00	0.03	0.40	0.01	0.00	0.10	0.01	0.05	0.02	0.17	0.08	0.04	0.02	0.03	0.03	0.52	0.07	0.70	0.04	0.03	0.02	0.89	0.21	0.00	0.68	6.69	22.46	0.01	0.01	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.68 GB	0.01 GB	0.01 GB	0.06 GB	0.06 GB
6000178	value	**-881.43**	-885.38	**-881.43**	**-881.43**	-880.98	-880.38	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**	**-881.43**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.56	0.00	0.00	0.11	0.01	0.04	0.02	0.17	0.07	0.04	0.14	0.03	0.03	1.28	1.26	1.15	0.03	0.03	0.03	1.33	2.16	0.01	0.98	6.97	28.24	0.14	0.02	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB	0.07 GB
6000179	value	**-750.02**	-748.71	**-750.02**	**-750.02**	-748.71	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**	**-750.02**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-750.02**	**-750.02**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-750.02**	**-750.02**	**-750.02**	**-750.02**	-750.03	-750.02	-750.04	-Inf	-Inf	-750.50	-751.21	**-750.02**	**-750.02**	-Inf	-Inf	-Inf	-Inf	**-750.02**	**-750.02**
	runtime	0.01	0.00	0.04	0.06	1.23	0.02	0.43	0.00	0.00	0.10	0.00	0.06	0.25	0.17	0.07	0.04	0.14	0.03	0.03	1.23	1.23	1.15	0.03	0.15	0.15	1.25	4.99	7.26	0.02	0.03	24.41	0.51	0.02	0.03	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.79 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000180	value	**-666.17**	-660.41	**-666.17**	-665.61	-660.41	-665.61	-665.61	**-666.17**	**-666.17**	-665.61	-665.61	-665.61	-665.61	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**	**-666.17**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-666.17**	**-666.17**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-666.17**	**-666.17**	**-666.17**	**-666.17**	-666.17	-666.17	-666.22	-Inf	-Inf	-666.57	-667.25	**-666.17**	**-666.17**	-Inf	-Inf	-Inf	-Inf	**-666.17**	**-666.17**
	runtime	0.01	0.00	0.04	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.00	0.05	0.02	0.17	0.07	0.04	0.14	0.03	0.03	1.28	1.26	1.15	0.03	0.03	0.03	1.33	2.16	0.01	0.98	6.97	28.24	0.14	0.02	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.04 GB	0.93 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000181	value	**-861.33**	-858.79	-860.79	-860.79	-859.79	-860.52	-860.52	**-861.33**	**-861.33**	**-861.33**	-860.79	-860.79	-860.79	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**	**-861.33**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-861.33**	**-861.33**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-861.34	-861.34	-861.34	-861.34	-861.34	-861.34	-861.34	-Inf	-Inf	-861.90	-862.67	**-861.33**	**-861.33**	-Inf	-Inf	-Inf	-Inf	**-861.33**	**-861.33**
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.44	0.00	0.00	0.10	0.02	0.06	0.02	0.21	0.10	0.06	0.04	0.04	0.04	1.32	1.32	1.20	0.09	0.05	0.05	1.29	1.19	0.25	0.00	0.86	6.85	25.15	0.03	0.02	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.80 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000182	value	**-950.57**	-948.42	**-950.57**	**-950.57**	-948.42	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**	**-950.57**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-950.57**	**-950.57**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-950.57	-950.57	-950.57	-950.57	-950.57	-950.57	-950.57	-Inf	-Inf	-951.13	-951.67	**-950.57**	**-950.57**	-Inf	-Inf	-Inf	-Inf	**-950.57**	**-950.57**
	runtime	0.01	0.00	0.05	0.07	0.00	0.02	0.44	0.00	0.00	0.10	0.02	0.06	0.02	0.21	0.10	0.06	0.04	0.04	0.04	1.32	1.32	1.20	0.09	0.05	0.05	1.29	1.19	0.25	0.00	0.86	6.85	25.15	0.03	0.02	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.80 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000183	value	**-929.45**	-929.44	**-929.45**	**-929.45**	-928.75	-929.44	-929.44	**-929.45**	**-929.45**	**-929.45**	-929.14	-929.44	-929.44	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**	**-929.45**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-929.45**	**-929.45**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-929.45**	-929.45	-929.45	-929.45	-929.47	-929.45	-929.51	-Inf	-Inf	-929.77	-930.38	**-929.45**	**-929.45**	-Inf	-Inf	-Inf	-Inf	**-929.45**	**-929.45**
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.00	0.06	0.25	0.17	0.07	0.04	0.14	0.03	0.03	1.23	1.23	1.15	0.03	0.14	0.14	0.99	0.99	0.21	0.00	0.84	24.76	0.21	0.02	0.03	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.76 GB	0.01 GB	0.02 GB	0.07 GB	0.07 GB
6000184	value	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-973.56**	**-973.56**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	**-973.56**	-973.56	-Inf	-Inf	-973.87	-974.34	**-973.56**	**-973.56**	-Inf	-Inf	-Inf	-Inf	**-973.56**	**-973.56**
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.41	0.00	0.00	0.10	0.00	0.06	0.25	0.17	0.07	0.04	0.14	0.03	0.03	1.23	1.23	1.15	0.03	0.14	0.14	0.99	0.99	0.21	0.00	0.84	24.76	0.21	0.02	0.03	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.76 GB	0.01 GB	0.02 GB	0.07 GB	0.07 GB
6000185	value	**-977.79**	-976.69	-976.09	-976.09	-976.09	-976.09	-976.09	**-977.79**	**-977.79**	-976.09	-976.09	-976.09	-976.09	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**	**-977.79**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-977.79**	**-977.79**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-977.79	-977.79	-977.79	-977.79	-977.81	-977.79	-977.79	-Inf	-Inf	-978.27	-978.79	**-977.79**	**-977.79**	-Inf	-Inf	-Inf	-Inf	**-977.79**	**-977.79**
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.45	0.00	0.00	0.11	0.03	0.06	0.02	0.20	0.08	0.05	0.02	0.06	0.06	0.05	1.41	0.13	1.27	0.08	0.07	1.39	1.26	0.27	0.00	1.51	7.52	28.46	0.02	0.03	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.80 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000186	value	**-1034.89**	-1033.19	-1033.87	-1033.19	-1033.87	-1033.87	-1033.87	**-1034.89**	**-1034.89**	-1033.87	-1033.87	-1033.87	-1033.87	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	-1034.24	**-1034.89**	**-1034.89**	-1034.64	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**	**-1034.89**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-1034.89**	**-1034.89**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1034.90	-1034.90	-1034.90	-1034.90	-1034.90	-1034.90	-1034.90	-Inf	-Inf	-1036.24	-1036.24	**-1034.89**	**-1034.89**	-Inf	-Inf	-Inf	-Inf	**-1034.89**	**-1034.89**
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.45	0.00	0.00	0.11	0.03	0.06	0.02	0.21	0.08	0.05	0.02	0.06	0.06	0.05	1.28	0.13	1.27	0.08	0.07	1.36	1.23	0.28	0.00	1.56	7.52	29.24	0.02	0.03	0.21
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.80 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000187	value	**-952.39**	-953.19	-951.97	-951.97	-953.19	-951.14	-951.14	**-952.39**	**-952.39**	-951.97	-951.97	-951.97	-951.97	**-952.39**	**-952.39**	**-952.39**	**-952.39**	**-952.39**	**-952.39**	**-952.39**	**-952.39**	**-952.39**	**-952.39**	**-952.39**	**-952.39**	-952.55	-953.19	**-952.39**	**-952.39**	-952.39	-952.39	-952.39	-952.39	**-952.39**	**-952.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-952.39**	**-952.39**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-952.39**	**-952.39**	**-952.39**	**-952.39**	-952.39	-952.39	-952.39	-Inf	-Inf	-952.55	-953.19	**-952.39**	**-952.39**	-Inf	-Inf	-Inf	-Inf	**-952.39**	**-952.39**
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.45	0.00	0.00	0.11	0.03	0.06	0.02	0.21	0.08	0.05	0.02	0.06	0.06	0.05	1.43	0.13	1.27	0.08	0.07	1.44	1.26	0.27	0.00	1.62	6.81	27.94	0.11	0.03	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.80 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000188	value	**-771.44**	-771.44	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**	**-771.44**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-771.44**	**-771.44**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-771.44	-771.44	-771.44	-771.44	-771.44	-771.44	-771.44	-Inf	-Inf	-771.70	-772.55	**-771.44**	**-771.44**	-Inf	-Inf	-Inf	-Inf	**-771.44**	**-771.44**
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.45	0.00	0.00	0.11	0.03	0.06	0.02	0.21	0.08	0.05	0.02	0.06	0.06	0.05	1.43	0.13	1.27	0.08	0.07	1.44	1.26	0.27	0.00	1.62	6.81	27.94	0.11	0.03	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.80 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000189	value	**-799.40**	-795.19	**-799.40**	**-799.40**	-795.55	-794.09	-795.55	**-799.40**	**-799.40**	-795.55	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	**-799.40**	-799.15	-799.95	**-799.40**	**-799.40**	-798.07	-797.70	**-799.40**	**-799.40**	**-799.40**	**-799.40**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-799.40**	**-799.40**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-799.43	-799.43	-799.43	-799.43	-799.43	-799.43	-799.43	-Inf	-Inf	-799.40	-800.00	**-799.40**	**-799.40**	-Inf	-Inf	-Inf	-Inf	**-799.40**	**-799.40**
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.70	0.01	0.00	0.11	0.03	0.06	0.02	0.18	0.08	0.04	0.03	0.09	0.09	0.09	0.99	0.23	0.93	0.09	0.09	0.99	0.93	0.23	0.01	2.25	8.26	25.29	0.03	0.05	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.81 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000190	value	**-869.30**	-868.54	**-869.30**	**-869.30**	-868.54	-868.75	-868.75	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	-869.22	-869.22	**-869.30**	**-869.30**	**-869.30**	**-869.30**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-869.30**	**-869.30**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	**-869.30**	-Inf	-Inf	-869.30	-869.30	**-869.30**	**-869.30**	-Inf	-Inf	-Inf	-Inf	**-869.30**	**-869.30**
	runtime	0.00	0.01	0.05	0.06	0.00	0.02	0.39	0.00	0.00	0.10	0.00	0.05	0.02	0.23	0.07	0.04	0.03	0.08	0.08	0.05	1.26	0.13	1.25	0.03	0.03	1.26	1.12	0.22	0.00	1.70	6.70	25.74	0.01	0.03	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.80 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000191	value	**-875.39**	-874.19	**-875.39**	**-875.39**	-874.19	-874.19	-874.19	**-875.39**	**-875.39**	-874.19	-874.19	-874.19	-874.19	**-875.39**	**-875.39**	**-875.39**	**-875.39**	**-875.39**	**-875.39**	**-875.39**	**-875.39**	**-875.39**	**-875.39**	**-875.39**	**-875.39**	-875.04	-875.95	**-875.39**	**-875.39**	-875.39	-875.39	**-875.39**	**-875.39**	**-875.39**	**-875.39**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-875.39**	**-875.39**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-875.39**	**-875.39**	**-875.39**	**-875.39**	-875.40	**-875.39**	-875.41	-Inf	-Inf	-875.39	-876.07	**-875.39**	**-875.39**	-Inf	-Inf	-Inf	-Inf	**-875.39**	**-875.39**
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.45	0.00	0.00	0.11	0.03	0.06	0.02	0.21	0.08	0.05	0.02	0.06	0.06	0.05	1.26	0.13	1.25	0.03	0.03	1.26	1.12	0.22	0.00	1.70	6.70	25.74	0.01	0.03	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.80 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000192	value	**-924.70**	-921.59	**-924.70**	**-924.70**	-921.59	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	-924.74	-924.84	**-924.70**	**-924.70**	-924.70	-924.70	**-924.70**	**-924.70**	**-924.70**	**-924.70**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-924.70**	**-924.70**	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	**-924.70**	-Inf	-Inf	-924.70	-925.50	**-924.70**	**-924.70**	-Inf	-Inf	-Inf	-Inf	**-924.70**	**-924.70**
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.40	0.00	0.00	0.10	0.01	0.05	0.02	0.19	0.07	0.04	0.03	0.08	0.08	0.05	1.26	0.13	1.25	0.03	0.03	1.26	1.06	0.22	0.00	1.70	6.70	27.76	0.01	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.03 GB	0.03 GB	0.80 GB	0.01 GB	0.03 GB	0.07 GB	0.07 GB
6000193	value	**-957.80**	-955.80	**-957.80**	**-957.80**	-955.80	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**	**-957.80**
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	**-957.80**	**-957.80**	-Inf	-Inf	-Inf	-Inf	-In

scene-decomposition		ogn-Fusion	ogn-FCM	ogn-LBP-LP	ogn-LBP-LP2	ogn-LF-1	ogn-LF-2	ogn-LF-3	ogn-TBWS-LP1	ogn-TBWS-LP2	BPS-TAB	ogn-BPS	ogn-LBP-0.5	ogn-LBP-0.95	ogn-TRBP-0.5	ogn-TRBP-0.95	ogn-TRBPS	AGDD	MPLP	MPLP-C	ogn-ADSAL	ogn-BundleLA	ogn-BundleLA2	ogn-BundleLA3	ogn-BundleLA4	ogn-BundleLA5	ogn-BundleLA6	ogn-SG-A	ogn-SG-A2	ogn-SG-A3	ogn-SG-A4	ogn-LP-LP	TBWS-TAB	BRAOHB-1	BRAOHB-2	BRAOHB-3	AODD-HB	ogn-CombLP	ogn-ILP
6000246	value	-877.32	-877.18	-877.32	-877.19	-877.18	-877.18	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32	-877.32
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.46	0.00	0.00	0.11	0.01	0.04	0.02	0.47	0.19	0.08	0.02	0.02	0.02	0.02	0.56	0.11	0.64	0.03	0.03	1.36	1.25	0.23	0.00	0.88	6.88	29.27	0.02	0.01	0.02	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000247	value	-911.772	-905.46	-911.772	-911.772	-905.46	-911.67	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772	-911.772
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.52	0.00	0.00	0.11	0.00	0.05	0.02	0.23	0.05	0.03	0.01	0.02	0.02	0.02	0.75	0.07	0.79	0.04	0.07	1.11	1.01	0.24	0.00	0.71	6.70	28.34	0.01	0.02	0.02	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000248	value	-875.35	-875.18	-875.54	-875.54	-875.11	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.55	-875.54	-875.54	-875.73	-876.23	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.55	-875.54	-875.54	-875.73	-876.23	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54	-875.54
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.43	0.00	0.00	0.11	0.00	0.05	0.02	0.21	0.05	0.03	0.01	0.02	0.02	0.02	0.73	0.06	0.79	0.03	0.06	1.33	1.19	0.24	0.00	0.65	6.37	28.34	0.01	0.02	0.02	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000249	value	-829.46	-829.46	-829.69	-829.69	-829.46	-829.69	-829.69	-829.46	-829.46	-829.69	-829.69	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46	-829.46
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.50	0.00	0.00	0.11	0.00	0.05	0.02	0.21	0.05	0.03	0.01	0.02	0.02	0.02	0.73	0.06	0.78	0.03	0.06	1.33	1.19	0.24	0.00	0.65	6.37	28.34	0.01	0.02	0.02	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000250	value	-930.25	-925.58	-930.45	-930.45	-925.58	-930.25	-930.39	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45	-930.45
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.50	0.00	0.00	0.10	0.02	0.07	0.02	0.24	0.10	0.05	0.02	0.06	0.06	0.05	1.25	0.26	1.18	0.16	0.11	1.28	1.15	0.23	0.00	0.73	6.73	25.70	0.02	0.03	0.16	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000251	value	-908.64	-907.68	-908.64	-908.64	-907.68	-907.68	-907.68	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64	-908.64
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.44	0.00	0.00	0.11	0.00	0.05	0.02	0.23	0.06	0.03	0.01	0.02	0.02	0.02	0.66	0.21	0.74	0.03	0.06	1.35	1.24	0.23	0.00	0.70	6.56	25.44	0.02	0.02	0.02	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000252	value	-904.28	-904.28	-904.28	-903.59	-903.59	-903.59	-903.59	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-904.28	-904.28	-904.28	-904.28	-904.29	-904.28	-904.30	-904.28	-904.28	-904.59	-905.14	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28	-904.28
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.42	0.00	0.00	0.11	0.00	0.05	0.02	0.24	0.09	0.03	0.01	0.02	0.02	0.02	1.30	0.13	0.80	0.03	0.05	1.31	1.39	0.24	0.00	0.71	6.83	30.54	0.02	0.02	0.02	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000253	value	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-939.52	-939.65	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41	-936.41
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.42	0.00	0.00	0.11	0.00	0.05	0.02	0.23	0.06	0.03	0.01	0.02	0.02	0.02	1.27	0.11	0.80	0.03	0.05	1.32	1.29	0.24	0.00	0.71	6.81	28.34	0.02	0.02	0.02	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000254	value	-879.69	-878.54	-879.69	-879.69	-878.54	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-879.69	-879.69	-879.69	-879.69	-879.70	-879.69	-879.70	-879.69	-879.69	-880.80	-880.80	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69	-879.69
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	0.46	0.00	0.00	0.11	0.01	0.06	0.02	0.18	0.08	0.04	0.03	0.05	0.04	0.05	1.33	0.19	1.26	0.14	0.08	1.35	1.23	0.25	0.00	0.78	6.78	24.07	0.03	0.02	0.02	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000255	value	-948.32	-948.10	-948.32	-948.10	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32	-948.32
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.43	0.00	0.00	0.11	0.00	0.05	0.02	0.22	0.06	0.03	0.01	0.02	0.02	0.02	0.72	0.11	0.79	0.03	0.06	1.29	1.17	0.24	0.00	0.65	6.37	28.34	0.02	0.02	0.02	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000256	value	-1011.99	-1008.61	-1011.99	-1011.99	-1008.61	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1012.08	-1012.75	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99	-1011.99
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.41	0.00	0.00	0.11	0.00	0.05	0.02	0.23	0.06	0.03	0.01	0.02	0.02	0.02	1.27	0.11	1.21	0.03	0.05	1.32	1.26	0.24	0.00	0.84	6.81	31.11	0.02	0.02	0.02	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000257	value	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.81	-996.84	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80	-996.80
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.41	0.00	0.00	0.11	0.00	0.05	0.02	0.23	0.06	0.03	0.01	0.02	0.02	0.02	1.27	0.11	1.21	0.03	0.05	1.32	1.26	0.24	0.00	0.84	6.81	31.11	0.02	0.02	0.02	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000258	value	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75	-929.75
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.42	0.00	0.00	0.11	0.00	0.03	0.01	0.22	0.09	0.05	0.01	0.01	0.01	0.02	0.47	0.03	0.46	0.02	0.02	1.29	1.18	0.24	0.00	0.76	6.76	28.51	0.01	0.00	0.15	0.01	0.00	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000259	value	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59	-907.59
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.43	0.00	0.00	0.11	0.00	0.05	0.02	0.37	0.13	0.08	0.01	0.02	0.02	0.02	0.99	0.06	0.77	0.04	0.03	1.33	1.20	0.23	0.00	0.76	6.76	27.65	0.02	0.02	0.16	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000260	value	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.74	-922.81	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72	-922.72
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.44	0.00	0.00	0.11	0.00	0.05	0.02	0.28	0.11	0.05	0.01	0.02	0.02	0.02	0.49	0.06	0.81	0.03	0.02	1.33	1.20	0.23	0.00	0.79	6.73	25.67	0.01	0.00	0.15	0.01	0.00	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.94 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.07 GB
6000261	value	-971.20	-965.26	-968.49	-965.26	-965.26	-965.26	-965.26	-971.20	-971.20	-968.49	-968.49	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.47	-972.26	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20	-971.20
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.

scene-decomposition		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3
6000315	value	-888.53	-886.40	-888.53	-888.53	-886.40	-888.53	-888.53
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000316	value	-906.21	-905.97	-906.21	-906.21	-905.97	-906.21	-906.21
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000317	value	-836.38	-836.20	-836.38	-836.38	-836.20	-836.25	-836.38
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.07	0.08	0.00	0.02	0.46
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000318	value	-712.55	-712.36	-712.55	-712.55	-712.36	-712.55	-712.55
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.35
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000319	value	-924.67	-923.97	-924.70	-924.70	-923.97	-924.70	-924.70
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000320	value	-945.98	-939.44	-945.98	-945.98	-939.44	-942.54	-942.54
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.04	0.05	0.00	0.02	0.48
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000321	value	-848.30	-841.85	-848.30	-848.30	-841.85	-843.12	-848.30
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.87
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000322	value	-933.26	-928.89	-933.26	-933.26	-928.89	-931.72	-931.72
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.40
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000323	value	-925.22	-917.02	-925.22	-925.22	-917.02	-925.22	-925.22
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000324	value	-800.05	-799.52	-798.98	-798.98	-799.52	-800.05	-800.05
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000325	value	-878.06	-877.12	-878.06	-878.06	-877.12	-877.53	-877.53
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.06	0.07	0.00	0.02	0.40
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000326	value	-860.89	-860.82	-860.89	-860.89	-860.82	-860.82	-860.89
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.06	0.00	0.01	0.46
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000327	value	-889.31	-882.10	-889.31	-889.31	-882.10	-885.81	-885.89
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.48
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000328	value	-775.80	-775.40	-775.80	-775.80	-775.40	-775.64	-775.71
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.07	0.08	0.00	0.02	0.47
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000329	value	-936.97	-922.90	-936.97	-936.97	-922.90	-923.38	-936.97
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.72
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000330	value	-881.14	-879.83	-881.14	-881.14	-879.83	-879.83	-879.83
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.05	0.06	0.00	0.02	0.40
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000331	value	-922.04	-921.14	-922.36	-922.36	-921.14	-921.62	-922.02
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.07	0.08	0.00	0.02	0.50
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000332	value	-890.03	-888.91	-890.03	-890.03	-888.91	-889.34	-889.34
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.06	0.07	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000333	value	-874.63	-871.74	-874.63	-874.63	-871.74	-874.48	-874.48
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.08	0.10	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000334	value	-877.18	-875.18	-877.18	-877.18	-875.18	-877.18	-877.18
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000335	value	-880.16	-879.01	-879.01	-879.01	-879.01	-879.01	-879.01
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000336	value	-851.24	-849.99	-851.24	-851.24	-849.99	-851.24	-851.24
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.04	0.06	0.00	0.02	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000337	value	-996.14	-991.81	-996.14	-996.14	-991.81	-996.14	-996.14
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.05	0.00	0.03	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000338	value	-958.07	-956.71	-958.07	-958.07	-956.71	-958.07	-958.07
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000339	value	-832.44	-831.99	-832.27	-832.27	-831.99	-831.99	-832.27
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.50
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000340	value	-946.52	-944.80	-946.52	-946.52	-944.80	-946.30	-946.52
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.05	0.06	0.00	0.02	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000341	value	-879.23	-877.05	-879.03	-879.03	-877.05	-877.05	-879.03
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.03	0.05	0.00	0.01	0.56
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000342	value	-879.57	-876.87	-879.57	-879.57	-876.87	-879.35	-879.57
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.05	0.07	0.00	0.02	0.47
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000343	value	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.48
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000344	value	-927.52	-925.65	-927.52	-927.52	-925.65	-925.65	-927.52
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.68
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000345	value	-859.27	-857.55	-859.27	-859.27	-857.55	-859.27	-859.27
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.06	0.00	0.02	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000346	value	-939.24	-936.68	-939.48	-939.48	-936.68	-938.72	-938.72
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.05	0.07	0.00	0.02	0.45
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000347	value	-822.95	-820.75	-822.54	-822.54	-820.75	-822.54	-822.54
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000348	value	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.03	0.04	0.00	0.01	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000349	value	-893.19	-891.83	-893.19	-893.19	-891.83	-893.17	-893.17
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000350	value	-768.70	-766.98	-768.92	-768.92	-766.98	-767.51	-767.64
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.04	0.06	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000351	value	-805.81	-804.71	-805.14	-805.14	-804.71	-804.97	-804.97
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.01	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000352	value	-885.65	-878.51	-885.65	-885.65	-878.51	-882.62	-882.62
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.03	0.45
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000353	value	-889.21	-889.02	-889.29	-889.29	-889.02	-889.29	-889.29
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	0.45
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000354	value	-944.47	-941.36	-944.47	-944.47	-941.36	-942.41	-944.47
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.60
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000355	value	-973.02	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8000811	value	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.03	0.05	0.00	0.01	0.35
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8001155	value	-778.75	-778.18	-778.75	-778.75	-778.18	-778.75	-778.75
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.04	0.06	0.00	0.02	0.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8001974	value	-815.35	-815.01	-815.64	-815.64	-815.01	-815.01	-815.01
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.02	0.00	0.06	0.06	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8002274	value	-1106.97	-1106.97	-1106.68	-1106.68	-1106.97	-1106.97	-1106.97
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.03	0.05	0.00	0.02	0.35
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8002764	value	-1017.78	-1017.36	-1017.78	-1017.78	-1017.36	-1017.36	-1017.78
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8003131	value	-716.52	-677.47	-716.60	-716.60	-677.47	-698.86	-716.60
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.06	0.06	0.00	0.03	0.93
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8003836	value	-1098.96	-1097.47	-1098.96	-1098.96	-1097.47	-1098.24	-1098.96
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.54
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8003952	value	-761.35	-761.18	-761.31	-761.31	-761.18	-761.31	-761.31
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.04	0.05	0.00	0.02	0.35
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8004573	value	-728.65	-728.55	-728.65	-728.65	-728.55	-728.65	-728.65
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.04	0.05	0.00	0.01	0.35
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8005616	value	-833.66	-832.30	-833.66	-833.66	-832.30	-832.30	-832.30
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.05	0.05	0.00	0.01	0.35
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8006160	value	-997.20	-996.89	-997.20	-997.20	-996.89	-997.20	-997.20
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.04	0.05	0.00	0.02	0.38
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8006302	value	-839.51	-834.34	-839.09	-839.09	-834.34	-835.10	-835.10
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.06	0.01	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8008099	value	-727.42	-727.51	-727.90	-727.90	-727.51	-727.90	-727.90
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.03	0.05	0.00	0.03	0.34
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8008545	value	-1036.72	-1033.99	-1036.77	-1036.77	-1033.99	-1035.34	-1035.34
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.06	0.06	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8008998	value	-946.03	-944.31	-946.03	-946.03	-944.31	-944.31	-946.03
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.01	0.50
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000001	value	-889.24	-888.10	-889.24	-889.24	-888.10	-888.10	-888.10
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000002	value	-970.59	-967.77	-971.04	-971.04	-967.77	-970.59	-970.59
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000003	value	-681.39	-672.08	-681.52	-681.52	-672.08	-679.31	-681.52
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.03	0.61
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000029	value	-890.55	-882.28	-890.78	-890.78	-882.28	-882.64	-887.74
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.05	0.06	0.00	0.01	0.64
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000127	value	-788.83	-787.57	-788.83	-788.83	-787.57	-787.75	-787.75
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.01	0.39
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000136	value	-971.76	-969.69	-973.09	-973.09	-969.69	-972.85	-972.85
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000210	value	-797.65	-790.77	-797.65	-797.65	-790.77	-790.99	-792.34
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.05	0.06	0.00	0.01	0.53
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000288	value	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.05	0.05	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000395	value	-822.39	-821.07	-822.73	-822.73	-821.07	-822.73	-822.73
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000747	value	-826.15	-823.59	-826.15	-826.15	-823.59	-823.59	-823.88
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.01	0.47
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000868	value	-853.22	-852.88	-853.22	-853.22	-852.88	-853.22	-853.22
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000875	value	-897.09	-893.35	-896.68	-896.68	-893.35	-896.68	-896.68
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000928	value	-924.22	-922.15	-924.22	-924.22	-922.15	-923.07	-923.07
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB

scene-decomposition		ogm-TRWS-LF1	ogm-TRWS-LF2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+
6000315	value	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53
	bound	-888.53	-888.53	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53
	runtime	0.00	0.00	0.11	0.01	0.03	0.01	0.25	0.10	0.06	0.01	0.02	0.02	0.02	0.50	0.08	0.61	0.04	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000316	value	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21
	bound	-906.21	-906.21	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21	-906.21
	runtime	0.00	0.00	0.11	0.01	0.04	0.01	0.19	0.08	0.05	0.04	0.03	0.02	0.04	1.05	0.09	1.19	0.06	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000317	value	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38
	bound	-836.38	-836.38	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38
	runtime	0.00	0.00	0.11	0.03	0.07	0.03	0.20	0.08	0.67	0.08	0.04	0.04	0.03	0.60	0.14	0.42	0.07	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000318	value	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55
	bound	-712.55	-712.55	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55
	runtime	0.00	0.00	0.09	0.01	0.04	0.01	0.08	0.03	0.02	0.01	0.02	0.02	0.02	0.61	0.05	0.72	0.02	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000319	value	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70
	bound	-924.70	-924.70	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70	-924.70
	runtime	0.00	0.00	0.10	0.01	0.05	0.01	0.29	0.11	0.06	0.02	0.03	0.03	0.03	1.09	0.18	1.15	0.07	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000320	value	-945.98	-945.98	-942.54	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98
	bound	-945.98	-945.98	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98
	runtime	0.00	0.00	0.11	0.01	0.04	0.02	0.49	0.19	0.08	0.02	0.02	0.02	0.03	0.92	0.10	1.06	0.04	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000321	value	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30
	bound	-848.30	-848.30	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.33	-848.30	-848.30
	runtime	0.00	0.00	0.11	0.01	0.05	0.02	0.13	0.05	0.05	0.06	0.04	0.04	0.06	1.14	0.19	1.03	0.13	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000322	value	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26
	bound	-933.26	-933.26	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.46	0.18	0.07	0.02	0.03	0.03	0.02	0.68	0.12	0.92	0.05	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000323	value	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22
	bound	-925.22	-925.22	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22
	runtime	0.00	0.00	0.11	0.01	0.04	0.01	0.26	0.10	0.06	0.03	0.02	0.02	0.03	0.30	0.08	0.76	0.04	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000324	value	-800.05	-800.05	-798.98	-798.98	-798.98	-798.98	-800.05	-800.05	-800.05	-800.05	-800.05	-800.05	-800.05	-800.05	-800.05	-800.05	-800.05	-800.05
	bound	-800.05	-800.05	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-800.05	-800.05	-800.05	-800.05	-800.05	-800.05	-800.06	-800.05	-800.05
	runtime	0.00	0.01	0.10	0.01	0.04	0.02	0.18	0.08	0.04	0.01	0.04	0.04	0.04	1.30	0.13	1.16	0.08	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000325	value	-878.06	-878.06	-877.53	-877.53	-878.06	-877.53	-878.06	-878.06	-878.06	-878.06	-878.06	-878.06	-878.06	-878.06	-878.06	-878.06	-878.06	-878.06
	bound	-878.06	-878.06	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-878.06	-878.06	-878.06	-878.06	-878.07	-878.06	-878.09	-878.06	-878.06
	runtime	0.00	0.00	0.10	0.01	0.06	0.02	0.18	0.07	1.01	0.09	0.04	0.04	0.04	1.27	0.18	1.14	0.08	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000326	value	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89
	bound	-860.89	-860.89	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89	-860.89
	runtime	0.00	0.00	0.10	0.01	0.05	0.02	0.17	0.07	0.03	0.01	0.02	0.02	0.03	1.00	0.07	0.91	0.03	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000327	value	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31
	bound	-889.31	-889.31	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31
	runtime	0.00	0.00	0.10	0.01	0.06	0.02	0.21	0.08	0.04	0.01	0.02	0.02	0.04	0.51	0.08	0.98	0.06	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000328	value	-775.80	-775.80	-775.80	-775.80	-775.80	-775.80	-775.80	-775.80	-773.03	-775.80	-775.80	-775.80	-775.80	-775.80	-775.80	-775.80	-775.80	-775.80
	bound	-775.80	-775.80	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-775.80	-775.80	-775.80	-775.80	-775.81	-775.80	-775.85	-775.80	-775.80
	runtime	0.00	0.00	0.10	0.02	0.07	0.02	0.62	0.42	0.05	0.02	0.06	0.07	0.05	1.25	0.15	1.13	0.13	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000329	value	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97
	bound	-936.97	-936.97	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97
	runtime	0.00	0.00	0.11	0.01	0.04	0.02	0.23	0.10	0.05	0.02	0.02	0.03	0.03	0.66	0.09	0.85	0.04	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000330	value	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14
	bound	-881.14	-881.14	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-881.15	-881.14	-881.14
	runtime	0.01	0.00	0.10	0.01	0.05	0.02	0.20	0.08	0.05	0.02	0.05	0.05	0.06	1.25	0.09	1.14	0.13	0.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000331	value	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36
	bound	-922.36	-922.36	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.38	-922.36	-922.36
	runtime	0.00	0.00	0.11	0.02	0.07	0.02	0.23	0.09	0.05	0.01	0.06	0.06	0.09	1.31	0.17	1.23	0.11	0.12
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000332	value	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03
	bound	-890.03	-890.03	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03
	runtime	0.00	0.00	0.10	0.02	0.06	0.02	0.27	0.11	0.06	0.02	0.04	0.04	0.03	1.28	0.16	1.20	0.06	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000333	value	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63
	bound	-874.63	-874.63	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63
	runtime	0.00	0.00	0.10	0.02	0.08	0.03	0.30	0.05	0.03	0.01	0.05	0.04	0.04	0.98	0.07	0.92	0.04	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000334	value	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18
	bound	-877.18	-877.18	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18
	runtime	0.00	0.00	0.11	0.01	0.05	0.02	0.18	0.07	0.04	0.04	0.03	0.03	0.03	0.51	0.08	0.51	0.04	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000335	value	-880.16	-880.16	-879.01	-879.01	-879.01	-879.01	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16
	bound	-880.16	-880.16	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-880.16	-880.16	-880.16	-880.16	-880.17	-880.16	-880.22	-880.16	-880.16
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.19	0.08	0.05	0.02	0.03	0.03	0.04	1.30	0.10	1.15	0.06	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000336	value	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24
	bound	-851.24	-851.24	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24
	runtime	0.00	0.00	0.11	0.01	0.04	0.01	0.28	0.12	0.06	0.07	0.02	0.02	0.03	0.77	0.26	1.27	0.05	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000337	value	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14
	bound	-996.14	-996.14	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14
	runtime	0.00	0.00	0.11	0.01	0.04	0.01	0.47	0.19	0.10	0.02	0.03	0.03	0.03	1.31	0.10	1.21	0.11	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000338	value	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07
	bound	-958.07	-958.07	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07
	runtime	0.00	0.00	0.11	0.01	0.04	0.02	0.58	0.24	0.16	0.01	0.03	0.03	0.03	0.96	0.07	1.14	0.04	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000339	value	-832.44	-832.44	-832.27	-832.27	-832.27	-832.27	-832.27	-832.27	-832.27	-832.44	-832.44	-832.44	-832.44	-832.44	-832.44	-832.44	-832.44	-832.44
	bound	-832.44	-832.44	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-832.44	-832.44	-832.44	-832.44	-832.44	-832.44	-832.48	-832.44	-832.44
	runtime	0.00	0.01	0.11	0.01	0.05	0.02	0.11	0.05	0.02	0.02	0.09	0.08	0.09	1.04	0.15	0.98	0.07	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000340	value	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52
	bound	-946.52	-946.52	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.16	0.06	0.04	0.01	0.02	0.01	0.03	1.23	0.12	1.17	0.04	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000341	value	-879.23	-879.23	-879.03	-879.03	-879.03	-879.03	-879.03	-879.03	-879.03	-879.23	-879.23	-879.23	-879.23	-879.23	-879.23	-879.23	-879.23	-879.23
	bound	-879.23	-879.23	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-879.23	-879.23	-879.23	-879.23	-879.23	-879.23	-879.23	-879.23	-879.23
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.17	0.07	0.04	0.05	0.02	0.02	0.03	0.42	0.08	0.48	0.05	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000342	value	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57
	bound	-879.57	-879.57	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57
	runtime	0.00	0.00	0.10	0.02	0.05	0.02	0.14	0.05	0.03	0.02	0.02	0.02	0.03	0.36	0.06	0.53	0.02	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000343	value	-1064.40	-1064.40	-1064.23	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40
	bound	-1064.40	-1064.40	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40
	runtime	0.00	0.00	0.11	0.01	0.05	0.02	0.30	0.12	0.06	0.01	0.03	0.03	0.03	0.48	0.23	0.51	0.05	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000344	value	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52
	bound	-927.52	-927.52	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52
	runtime	0.00	0.00	0.11	0.01	0.04	0.01	0.37	0.16	0.07	0.03	0.02	0.02	0.03	0.51	0.10	0.97	0.04	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000345	value	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27	-857.09	-857.09	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27
	bound	-859.27	-859.27	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-859.35	-859.27	-859.27	-859.27	-859.27	-859.27	-859.29	-859.27	-859.27
	runtime	0.01	0.01	0.10	0.01	0.04	0.01	0.52	0.21	1.10	0.61	0.09	0.24	0.09	1.38	1.34	1.26	0.10	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000346	value	-939.71	-939.71	-939.48	-939.71	-939.48	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71
	bound	-939.71	-939.71	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-939.71	-939.71	-939.71	-939.71	-939.76	-939.71	-939.84	-939.71	-939.71
	runtime	0.01	0.00	0.10	0.01	0.06	0.02	0.50	0.21	0.09	0.02	0.08	0.08	0.07	1.37	0.18	1.19	0.09	0.19
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000347	value	-823.05	-823.05	-822.54	-822.54	-822.54	-822.54	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05
	bound	-823.05	-823.05	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-823.05	-823.05	-823.05	-823.05	-823.09	-823.05	-823.19	-823.05	-823.05
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.28	0.11	0.06	0.02	0.09	0.09	0.08	1.30	0.58	1.14	0.12	0.24
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000348	value	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47
	bound	-977.47	-977.47	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47
	runtime	0.00	0.00	0.10	0.01	0.03	0.01	0.20	0.09	0.05	0.02	0.01	0.01	0.02	0.43	0.08	0.65	0.03	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000349	value	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19
	bound	-893.19	-893.19	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.20	-893.19	-893.19
	runtime	0.01	0.00	0.09	0.01	0.04	0.02	0.18	0.07	0.04	0.06	0.07	0.07	0.07	1.19	0.46	1.08	0.08	0.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000350	value	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92	-768.92
	bound	-768.92	-768.92	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-768.92	-768.92	-768.92	-768.92	-768.95	-768.92	-768.99	-768.92	-768.92
	runtime	0.01	0.00	0.10	0.01	0.05	0.02	0.27	0.11	0.06	0.02	0.06	0.06	0.06	1.16	0.43	1.12	0.10	0.18
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000351	value	-805.81	-805.81	-805.14	-805.14	-805.14	-805.14	-805.81	-805.81	-805.81	-805.81	-805.81	-805.81	-805.81	-805.81	-805.81	-805.81	-805.81	-805.81
	bound	-805.81	-805.81	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-805.81	-805.81	-805.81	-805.81	-805.81	-805.81	-805.85	-805.81	-805.81
	runtime	0.00	0.00	0.10	0.02	0.05	0.02	0.14	0.06	0.03	0.12	0.06	0.06	0.06	0.95	0.32	0.94	0.05	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000352	value	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65
	bound	-885.65	-885.65	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.68	-885.65	-885.65
	runtime	0.01	0.00	0.10	0.01	0.05	0.02	0.13	0.05	0.03	0.20	0.05	0.05	0.04	1.01	0.24	0.99	0.05	0.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000353	value	-889.29	-889.29	-889.29	-889.21	-889.29	-889.21	-889.29	-889.21	-889.21	-889.29	-889.29	-889.29	-889.29	-889.29	-889.29	-889.29	-889.29	-889.29
	bound	-889.29	-889.29	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-889.29	-889.29	-889.29	-889.29	-889.30	-889.29	-889.32	-889.29	-889.29
	runtime	0.00	0.01	0.11	0.01	0.05	0.02	0.09	0.05	0.03	0.08	0.11	0.11	0.07	1.06	0.22	1.00	0.06	0.34
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000354	value	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47
	bound	-944.47	-944.47	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-944.47	-944.47	-944.47	-944.47	-944.48	-944.47	-944.48	-944.47	-944.47
	runtime	0.00	0.00	0.10	0.01	0.05	0.01	0.20	0.08	0.04	0.01	0.04	0.04	0.03	1.27	0.10	1.19	0.05	0.10
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
6000355	value	-974.84	-974.84	-973.02	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84
	bound	-974.84	-974.84	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.20	0.08	0.03	0.01	0.03	0.02	0.03	0.64	0.05	0.80	0.03	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8000811	value	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19
	bound	-1054.19	-1054.19	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19
	runtime	0.00	0.00	0.09	0.01	0.04	0.01	0.12	0.05	0.02	0.03	0.01	0.02	0.03	0.33	0.05	0.37	0.02	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8001155	value	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75
	bound	-778.75	-778.75	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75
	runtime	0.00	0.00	0.11	0.01	0.05	0.02	0.15	0.06	0.04	0.02	0.04	0.04	0.03	1.35	0.10	1.23	0.07	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8001974	value	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64
	bound	-815.64	-815.64	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-815.64	-815.64	-815.64	-815.64	-815.64	-815.64	-815.65	-815.64	-815.64
	runtime	0.00	0.00	0.10	0.01	0.05	0.02	0.34	0.14	0.05	0.01	0.03	0.03	0.04	1.35	0.13	1.23	0.10	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8002274	value	-1106.97	-1106.97	-1106.97	-1106.97	-1106.68	-1106.68	-1106.68	-1106.68	-1105.47	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97
	bound	-1106.97	-1106.97	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97
	runtime	0.00	0.00	0.09	0.02	0.03	0.01	0.16	0.06	0.94	0.01	0.02	0.02	0.02	0.79	0.08	1.00	0.04	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8002764	value	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78
	bound	-1017.78	-1017.78	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78
	runtime	0.00	0.00	0.09	0.01	0.03	0.01	0.12	0.05	0.03	0.02	0.02	0.02	0.02	0.67	0.06	0.75	0.05	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8003131	value	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60
	bound	-716.60	-716.60	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-716.60	-716.60	-716.60	-716.60	-716.60	-716.60	-716.61	-716.60	-716.60
	runtime	0.00	0.01	0.09	0.02	0.05	0.02	0.33	0.14	0.08	0.04	0.04	0.05	0.04	1.19	0.38	1.08	0.06	0.12
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8003836	value	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96
	bound	-1098.96	-1098.96	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96
	runtime	0.00	0.00	0.10	0.01	0.05	0.01	0.29	0.11	0.08	0.01	0.04	0.03	0.03	1.30	0.14	1.18	0.08	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8003952	value	-761.35	-761.35	-761.31	-761.31	-761.31	-761.31	-761.35	-761.35	-761.35	-761.35	-761.35	-761.35	-761.35	-761.35	-761.35	-761.35	-761.35	-761.35
	bound	-761.35	-761.35	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-761.35	-761.35	-761.35	-761.35	-761.35	-761.35	-761.36	-761.35	-761.35
	runtime	0.00	0.00	0.09	0.01	0.04	0.02	0.19	0.06	0.05	0.03	0.05	0.05	0.05	0.88	0.17	0.80	0.04	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8004573	value	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65
	bound	-728.65	-728.65	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65	-728.65
	runtime	0.00	0.00	0.08	0.01	0.03	0.01	0.20	0.08	0.04	0.01	0.02	0.02	0.03	0.70	0.05	0.42	0.07	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8005616	value	-833.77	-833.77	-833.66	-833.66	-833.66	-833.66	-833.66	-833.66	-833.66	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77
	bound	-833.77	-833.77	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77
	runtime	0.00	0.00	0.09	0.01	0.04	0.02	0.09	0.04	0.02	0.02	0.04	0.03	0.03	0.74	0.21	0.82	0.04	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8006160	value	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20
	bound	-997.20	-997.20	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20
	runtime	0.00	0.00	0.09	0.01	0.04	0.02	0.11	0.05	0.02	0.04	0.02	0.02	0.03	0.74	0.15	0.71	0.02	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8006302	value	-839.51	-839.51	-839.09	-839.09	-839.09	-839.09	-839.09	-839.09	-839.09	-839.51	-839.51	-839.51	-839.51	-839.51	-839.51	-839.51	-839.51	-839.51
	bound	-839.51	-839.51	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-839.51	-839.51	-839.51	-839.51	-839.51	-839.51	-839.52	-839.51	-839.51
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.15	0.06	0.03	0.02	0.03	0.03	0.03	0.54	0.07	0.95	0.05	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8008099	value	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90
	bound	-727.90	-727.90	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90
	runtime	0.00	0.00	0.09	0.01	0.04	0.02	0.15	0.06	0.04	0.11	0.02	0.02	0.02	1.10	1.09	1.03	0.08	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8008545	value	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77
	bound	-1036.77	-1036.77	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1036.77	-1036.77	-1036.77	-1036.77	-1036.78	-1036.77	-1036.79	-1036.77	-1036.77
	runtime	0.01	0.00	0.10	0.01	0.05	0.02	0.23	0.09	0.03	0.01	0.03	0.03	0.05	0.98	0.09	0.92	0.04	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
8008998	value	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03
	bound	-946.03	-946.03	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03
	runtime	0.00	0.00	0.09	0.01	0.04	0.01	0.38	0.16	0.08	0.01	0.03	0.02	0.02	0.35	0.07	0.70	0.04	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000001	value	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24
	bound	-889.24	-889.24	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.29	0.11	0.05	0.35	0.04	0.03	0.03	0.53	1.19	0.66	0.05	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000002	value	-971.04	-971.04	-971.04	-971.04	-971.04	-971.04	-970.34	-971.01	-971.04	-971.04	-971.04	-971.04	-971.04	-971.04	-971.04	-971.04	-971.04	-971.04
	bound	-971.04	-971.04	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-971.04	-971.04	-971.04	-971.04	-971.07	-971.04	-971.12	-971.04	-971.04
	runtime	0.00	0.00	0.09	0.01	0.04	0.01	0.05	1.17	1.04	0.09	0.08	0.08	0.07	1.26	0.64	1.11	0.23	0.28
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000003	value	-681.79	-681.79	-681.78	-681.52	-681.52	-681.52	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79
	bound	-681.79	-681.79	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79	-681.82	-681.79	-681.79
	runtime	0.00	0.00	0.09	0.01	0.05	0.02	0.35	0.14	0.95	0.15	0.04	0.05	0.05	1.19	0.96	1.07	0.08	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000029	value	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78
	bound	-890.78	-890.78	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.80	-890.78	-890.78
	runtime	0.00	0.00	0.10	0.01	0.05	0.02	0.30	0.14	1.01	0.02	0.05	0.04	0.06	1.26	0.22	1.14	0.08	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000127	value	-788.83	-788.83	-788.23	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83
	bound	-788.83	-788.83	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-788.83	-788.83	-788.83	-788.83	-788.85	-788.83	-788.96	-788.83	-788.83
	runtime	0.00	0.00	0.09	0.02	0.04	0.02	0.29	0.12	0.06	0.06	0.05	0.06	0.06	0.98	0.14	0.88	0.05	0.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000136	value	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09
	bound	-973.09	-973.09	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-973.09	-973.09	-973.09	-973.09	-973.11	-973.09	-973.15	-973.09	-973.09
	runtime	0.00	0.00	0.11	0.01	0.05	0.02	0.21	0.08	0.04	0.21	0.07	0.07	0.07	1.10	0.56	1.00	0.07	0.11
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000210	value	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65
	bound	-797.65	-797.65	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65
	runtime	0.00	0.00	0.10	0.02	0.06	0.02	0.18	0.07	0.04	0.07	0.03	0.03	0.04	1.18	0.23	1.15	0.06	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000288	value	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15
	bound	-849.15	-849.15	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15
	runtime	0.00	0.00	0.10	0.01	0.03	0.01	0.16	0.06	0.04	0.01	0.02	0.02	0.02	0.87	0.04	1.22	0.04	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000395	value	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73
	bound	-822.73	-822.73	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.22	0.08	0.06	0.01	0.02	0.02	0.03	0.71	0.08	0.78	0.05	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000747	value	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15
	bound	-826.15	-826.15	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15	-826.15
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.40	0.16	0.06	0.05	0.03	0.03	0.05	1.28	0.24	1.19	0.06	0.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000868	value	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22
	bound	-853.22	-853.22	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22
	runtime	0.00	0.00	0.10	0.01	0.05	0.01	0.29	0.12	0.06	0.01	0.02	0.02	0.03	1.26	0.05	1.04	0.04	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000875	value	-897.09	-897.09	-897.09	-896.68	-896.68	-896.68	-896.68	-896.68	-896.68	-897.09	-897.09	-897.09	-897.09	-897.09	-897.09	-897.09	-897.09	-897.09
	bound	-897.09	-897.09	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-897.09	-897.09	-897.09	-897.09	-897.09	-897.09	-897.11	-897.09	-897.09
	runtime	0.00	0.00	0.10	0.01	0.05	0.02	0.24	0.10	0.06	0.03	0.06	0.05	0.05	1.29	0.29	1.23	0.05	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000928	value	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22
	bound	-924.22	-924.22	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22
	runtime	0.00	0.00	0.10	0.01	0.05	0.01	0.20	0.09	0.05	0.03	0.03	0.03	0.04	0.47	0.31	0.42	0.08	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB

scene-decomposition		ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	TRWS-TAB	BRAOBB-1	BRAOBB-2	BRAOBB-3	ADDD-BB	ogm-CombiLP	ogm-ILP
6000315	value	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53	-888.53
	bound	-888.59	-888.81	-888.53	-888.53	-Inf	-Inf	-Inf	-888.53	-888.53	-888.53
	runtime	1.32	1.26	0.23	0.00	0.88	6.88	28.04	0.01	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
6000316	value	-906.21	-906.21	-906.21	-906.21	-906.21	-905.03	-906.21	-906.21	-906.21	-906.21
	bound	-906.37	-906.82	-906.21	-906.21	-Inf	-Inf	-Inf	-906.21	-906.21	-906.21
	runtime	1.30	1.20	0.25	0.00	0.84	6.84	27.55	0.04	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.94 GB	0.01 GB	0.01 GB	0.07 GB
6000317	value	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38	-836.38
	bound	-836.39	-836.59	-836.38	-836.38	-Inf	-Inf	-Inf	-836.38	-836.38	-836.38
	runtime	1.05	0.98	0.24	0.00	1.89	7.89	27.19	0.07	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.88 GB	0.01 GB	0.01 GB	0.07 GB
6000318	value	-712.55	-712.36	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55	-712.55
	bound	-712.59	-712.62	-712.55	-712.55	-Inf	-Inf	-Inf	-712.55	-712.55	-712.55
	runtime	0.86	0.82	0.19	0.00	2.98	8.99	23.78	0.01	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.14 GB	0.14 GB	0.75 GB	0.01 GB	0.01 GB	0.06 GB
6000319	value	-924.70	-924.57	-924.70	-924.70	-924.70	-924.70	-924.67	-924.70	-924.70	-924.70
	bound	-924.83	-925.31	-924.70	-924.70	-Inf	-Inf	-Inf	-924.70	-924.70	-924.70
	runtime	1.28	1.19	0.23	0.00	2.36	8.36	28.18	0.02	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB
6000320	value	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98	-945.98
	bound	-946.12	-946.31	-945.98	-945.98	-Inf	-Inf	-Inf	-945.98	-945.98	-945.98
	runtime	1.38	1.28	0.25	0.00	0.82	6.82	26.68	0.02	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.05 GB	0.01 GB	0.04 GB	0.04 GB	0.85 GB	0.01 GB	0.01 GB	0.07 GB
6000321	value	-848.30	-848.01	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30	-848.30
	bound	-848.80	-849.82	-848.30	-848.30	-Inf	-Inf	-Inf	-848.30	-848.30	-848.30
	runtime	1.12	1.03	0.26	0.00	1.81	7.82	25.25	0.06	0.02	0.21
	memory (GB)	0.01 GB	0.01 GB	0.05 GB	0.01 GB	0.04 GB	0.04 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB
6000322	value	-933.26	-933.16	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26	-933.26
	bound	-933.35	-934.02	-933.26	-933.26	-Inf	-Inf	-Inf	-933.26	-933.26	-933.26
	runtime	1.20	1.14	0.22	0.00	1.19	7.21	26.57	0.02	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.01 GB	0.06 GB
6000323	value	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22	-925.22
	bound	-925.24	-925.50	-925.22	-925.22	-Inf	-Inf	-Inf	-925.22	-925.22	-925.22
	runtime	1.30	1.21	0.23	0.00	0.77	6.77	28.84	0.03	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	1.01 GB	0.01 GB	0.01 GB	0.07 GB
6000324	value	-800.05	-799.79	-800.05	-800.05	-799.62	-799.62	-800.05	-800.05	-800.05	-800.05
	bound	-800.41	-801.27	-800.05	-800.05	-Inf	-Inf	-Inf	-800.05	-800.05	-800.05
	runtime	1.29	1.16	0.23	0.00	12.59	18.54	26.57	0.01	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000325	value	-878.06	-877.89	-878.06	-878.06	-878.06	-877.84	-878.06	-878.06	-878.06	-878.06
	bound	-878.43	-878.83	-878.06	-878.06	-Inf	-Inf	-Inf	-878.06	-878.06	-878.06
	runtime	1.25	1.13	0.22	0.00	0.87	6.86	24.83	0.09	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB
6000326	value	-860.89	-860.89	-860.89	-860.89	-860.89	-860.82	-860.82	-860.89	-860.89	-860.89
	bound	-860.98	-861.20	-860.89	-860.89	-Inf	-Inf	-Inf	-860.89	-860.89	-860.89
	runtime	0.98	0.93	0.22	0.00	0.83	6.83	28.84	0.01	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB
6000327	value	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31	-889.31
	bound	-889.43	-890.08	-889.31	-889.31	-Inf	-Inf	-Inf	-889.31	-889.31	-889.31
	runtime	1.04	0.98	0.24	0.01	0.86	6.85	25.87	0.01	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.82 GB	0.01 GB	0.01 GB	0.07 GB
6000328	value	-775.80	-775.64	-775.80	-775.80	-775.80	-775.73	-775.80	-775.80	-775.80	-775.80
	bound	-776.08	-776.45	-775.80	-775.80	-Inf	-Inf	-Inf	-775.80	-775.80	-775.80
	runtime	1.23	1.13	0.22	0.00	0.89	6.89	28.38	0.02	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.93 GB	0.01 GB	0.01 GB	0.07 GB
6000329	value	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97	-936.97
	bound	-937.07	-937.25	-936.97	-936.97	-Inf	-Inf	-Inf	-936.97	-936.97	-936.97
	runtime	1.37	1.18	0.23	0.00	1.05	7.06	25.63	0.02	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000330	value	-881.14	-881.14	-881.14	-881.14	-881.14	-881.14	-880.64	-881.14	-881.14	-881.14
	bound	-881.46	-881.84	-881.14	-881.14	-Inf	-Inf	-Inf	-881.14	-881.14	-881.14
	runtime	1.27	1.18	0.22	0.00	0.78	6.78	26.59	0.02	0.04	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.01 GB	0.07 GB
6000331	value	-922.36	-922.28	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36	-922.36
	bound	-922.83	-923.68	-922.36	-922.36	-Inf	-Inf	-Inf	-922.36	-922.36	-922.36
	runtime	1.26	1.18	0.24	0.00	0.86	6.85	27.92	0.01	0.04	0.19
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.90 GB	0.01 GB	0.01 GB	0.07 GB
6000332	value	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03	-890.03
	bound	-890.23	-890.46	-890.03	-890.03	-Inf	-Inf	-Inf	-890.03	-890.03	-890.03
	runtime	1.30	1.20	0.24	0.00	0.85	6.79	28.64	0.01	0.02	0.19
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.96 GB	0.01 GB	0.01 GB	0.07 GB
6000333	value	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63	-874.63
	bound	-874.68	-875.05	-874.63	-874.63	-Inf	-Inf	-Inf	-874.63	-874.63	-874.63
	runtime	1.02	0.94	0.24	0.00	0.72	6.73	26.40	0.02	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000334	value	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18	-877.18
	bound	-877.25	-877.60	-877.18	-877.18	-Inf	-Inf	-Inf	-877.18	-877.18	-877.18
	runtime	1.04	0.94	0.24	0.00	0.72	6.72	26.29	0.04	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000335	value	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16	-880.16
	bound	-880.46	-881.53	-880.16	-880.16	-Inf	-Inf	-Inf	-880.16	-880.16	-880.16
	runtime	1.25	1.15	0.23	0.00	0.85	6.85	29.65	0.01	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.95 GB	0.01 GB	0.01 GB	0.07 GB
6000336	value	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24	-851.24
	bound	-851.30	-851.54	-851.24	-851.24	-Inf	-Inf	-Inf	-851.24	-851.24	-851.24
	runtime	1.40	1.24	0.26	0.00	0.79	6.79	25.45	0.06	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000337	value	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14	-996.14
	bound	-996.38	-996.57	-996.14	-996.14	-Inf	-Inf	-Inf	-996.14	-996.14	-996.14
	runtime	1.34	1.19	0.24	0.00	0.80	6.80	28.52	0.02	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
6000338	value	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07	-958.07
	bound	-958.20	-958.37	-958.07	-958.07	-Inf	-Inf	-Inf	-958.07	-958.07	-958.07
	runtime	1.32	1.24	0.24	0.00	0.82	6.82	29.19	0.01	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.98 GB	0.01 GB	0.01 GB	0.07 GB
6000339	value	-832.44	-832.27	-832.44	-832.44	-831.59	-832.44	-832.44	-832.44	-832.44	-832.44
	bound	-832.59	-833.13	-832.44	-832.44	-Inf	-Inf	-Inf	-832.44	-832.44	-832.44
	runtime	1.05	0.99	0.25	0.00	0.79	6.79	27.90	0.02	0.04	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.91 GB	0.01 GB	0.01 GB	0.07 GB
6000340	value	-946.52	-946.52	-946.52	-946.52	-946.52	-946.52	-946.46	-946.52	-946.52	-946.52
	bound	-946.64	-946.96	-946.52	-946.52	-Inf	-Inf	-Inf	-946.52	-946.52	-946.52
	runtime	1.28	1.14	0.23	0.00	0.72	6.72	29.09	0.01	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.98 GB	0.01 GB	0.01 GB	0.07 GB
6000341	value	-879.23	-879.23	-879.23	-879.23	-879.23	-879.03	-879.23	-879.23	-879.23	-879.23
	bound	-879.27	-879.36	-879.23	-879.23	-Inf	-Inf	-Inf	-879.23	-879.23	-879.23
	runtime	1.23	1.12	0.23	0.00	0.72	6.72	26.01	0.05	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000342	value	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57	-879.57
	bound	-879.59	-879.75	-879.57	-879.57	-Inf	-Inf	-Inf	-879.57	-879.57	-879.57
	runtime	1.00	0.97	0.24	0.00	0.90	6.90	27.44	0.02	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
6000343	value	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40	-1064.40
	bound	-1064.51	-1064.96	-1064.40	-1064.40	-Inf	-Inf	-Inf	-1064.40	-1064.40	-1064.40
	runtime	1.41	1.27	0.27	0.00	1.78	7.80	31.04	0.02	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.05 GB	0.01 GB	0.04 GB	0.04 GB	1.03 GB	0.01 GB	0.01 GB	0.07 GB
6000344	value	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52	-927.52
	bound	-927.64	-928.00	-927.52	-927.52	-Inf	-Inf	-Inf	-927.52	-927.52	-927.52
	runtime	1.34	1.23	0.25	0.00	0.79	6.79	28.14	0.02	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
6000345	value	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27	-859.27
	bound	-859.51	-860.31	-859.27	-859.27	-Inf	-Inf	-Inf	-859.27	-859.27	-859.27
	runtime	1.36	1.27	0.25	0.01	815.67	794.38	37.32	10.72	0.05	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.11 GB	0.11 GB	1.10 GB	0.01 GB	0.01 GB	0.07 GB
6000346	value	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71	-939.71
	bound	-940.21	-941.16	-939.71	-939.71	-Inf	-Inf	-Inf	-939.71	-939.71	-939.71
	runtime	1.32	1.22	0.24	0.01	1.01	6.97	24.49	0.02	0.04	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.74 GB	0.01 GB	0.01 GB	0.07 GB
6000347	value	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05	-823.05
	bound	-823.50	-824.63	-823.05	-823.05	-Inf	-Inf	-Inf	-823.05	-823.05	-823.05
	runtime	1.30	1.17	0.24	0.00	4.70	10.68	26.06	0.02	0.03	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
6000348	value	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47	-977.47
	bound	-977.49	-977.56	-977.47	-977.47	-Inf	-Inf	-Inf	-977.47	-977.47	-977.47
	runtime	1.26	1.15	0.23	0.00	0.72	6.72	28.77	0.02	0.00	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.95 GB	0.01 GB	0.01 GB	0.07 GB
6000349	value	-893.19	-893.17	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19	-893.19
	bound	-893.39	-893.70	-893.19	-893.19	-Inf	-Inf	-Inf	-893.19	-893.19	-893.19
	runtime	1.22	1.09	0.22	0.00	0.69	6.70	26.22	0.06	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.85 GB	0.01 GB	0.01 GB	0.07 GB
6000350	value	-768.83	-768.69	-768.92	-768.92	-768.92	-768.79	-768.92	-768.92	-768.92	-768.92
	bound	-769.62	-770.40	-768.92	-768.92	-Inf	-Inf	-Inf	-768.92	-768.92	-768.92
	runtime	1.19	1.06	0.22	0.00	0.69	6.69	23.22	0.02	0.03	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.73 GB	0.01 GB	0.01 GB	0.06 GB
6000351	value	-805.81	-805.35	-805.81	-805.81	-805.81	-805.55	-805.81	-805.81	-805.81	-805.81
	bound	-806.10	-807.08	-805.81	-805.81	-Inf	-Inf	-Inf	-805.81	-805.81	-805.81
	runtime	1.03	0.95	0.24	0.00	0.83	6.83	27.92	0.11	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.94 GB	0.01 GB	0.01 GB	0.07 GB
6000352	value	-885.65	-885.43	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65	-885.65
	bound	-885.71	-886.52	-885.65	-885.65	-Inf	-Inf	-Inf	-885.65	-885.65	-885.65
	runtime	1.01	0.99	0.25	0.00	1.25	7.25	29.95	0.19	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.96 GB	0.01 GB	0.01 GB	0.07 GB
6000353	value	-889.29	-889.21	-889.29	-889.29	-889.29	-889.29	-889.29	-889.29	-889.29	-889.29
	bound	-889.59	-890.10	-889.29	-889.29	-Inf	-Inf	-Inf	-889.29	-889.29	-889.29
	runtime	1.08	0.99	0.24	0.00	12.24	18.20	30.26	0.08	0.03	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.05 GB	0.05 GB	0.99 GB	0.01 GB	0.01 GB	0.07 GB
6000354	value	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47	-944.47
	bound	-944.81	-945.04	-944.47	-944.47	-Inf	-Inf	-Inf	-944.47	-944.47	-944.47
	runtime	1.33	1.19	0.23	0.00	0.79	6.80	27.39	0.01	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.94 GB	0.01 GB	0.01 GB	0.07 GB
6000355	value	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84	-974.84
	bound	-974.88	-975.20	-974.84	-974.84	-Inf	-Inf	-Inf	-974.84	-974.84	-974.84
	runtime	1.04	0.97	0.23	0.00	0.98	6.98	29.09	0.01	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.95 GB	0.01 GB	0.01 GB	0.07 GB
8000811	value	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19	-1054.19
	bound	-1054.20	-1054.28	-1054.19	-1054.19	-Inf	-Inf	-Inf	-1054.19	-1054.19	-1054.19
	runtime	0.82	0.78	0.19	0.00	0.63	6.62	24.57	0.03	0.01	0.14
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.77 GB	0.01 GB	0.01 GB	0.06 GB
8001155	value	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75	-778.75
	bound	-778.93	-779.53	-778.75	-778.75	-Inf	-Inf	-Inf	-778.75	-778.75	-778.75
	runtime	1.32	1.22	0.25	0.00	330.60	332.07	29.03	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.06 GB	0.06 GB	0.91 GB	0.01 GB	0.01 GB	0.07 GB
8001974	value	-815.64	-815.64	-815.64	-815.64	-815.64	-815.21	-815.64	-815.64	-815.64	-815.64
	bound	-815.92	-816.38	-815.64	-815.64	-Inf	-Inf	-Inf	-815.64	-815.64	-815.64
	runtime	1.31	1.22	0.25	0.00	3.96	9.98	26.99	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.84 GB	0.01 GB	0.01 GB	0.07 GB
8002274	value	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97	-1106.97
	bound	-1107.06	-1107.22	-1106.97	-1106.97	-Inf	-Inf	-Inf	-1106.97	-1106.97	-1106.97
	runtime	1.11	1.02	0.21	0.00	0.71	6.71	22.95	0.01	0.01	0.14
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.72 GB	0.01 GB	0.01 GB	0.06 GB
8002764	value	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78	-1017.78
	bound	-1017.83	-1017.91	-1017.78	-1017.78	-Inf	-Inf	-Inf	-1017.78	-1017.78	-1017.78
	runtime	1.04	0.97	0.19	0.00	0.63	6.64	22.11	0.02	0.01	0.13
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.64 GB	0.01 GB	0.01 GB	0.06 GB
8003131	value	-716.60	-716.60	-716.60	-716.60	-716.60	-716.36	-716.60	-716.60	-716.60	-716.60
	bound	-716.83	-717.12	-716.60	-716.60	-Inf	-Inf	-Inf	-716.60	-716.60	-716.60
	runtime	1.17	1.07	0.21	0.00	0.71	6.72	24.35	0.05	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.75 GB	0.01 GB	0.01 GB	0.06 GB
8003836	value	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96	-1098.96
	bound	-1099.07	-1099.37	-1098.96	-1098.96	-Inf	-Inf	-Inf	-1098.96	-1098.96	-1098.96
	runtime	1.27	1.16	0.23	0.00	2.85	8.87	28.64	0.01	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.97 GB	0.01 GB	0.01 GB	0.07 GB
8003952	value	-761.35	-761.35	-761.35	-761.35	-761.35	-761.18	-761.35	-761.35	-761.35	-761.35
	bound	-761.57	-761.97	-761.35	-761.35	-Inf	-Inf	-Inf	-761.35	-761.35	-761.35
	runtime	0.87	0.79	0.19	0.01	0.67	6.66	23.50	0.03	0.02	0.13
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.74 GB	0.01 GB	0.01 GB	0.06 GB
8004573	value	-728.65	-728.65	-728.65	-728.65	-728.65	-728.55	-728.65	-728.65	-728.65	-728.65
	bound	-728.71	-728.75	-728.65	-728.65	-Inf	-Inf	-Inf	-728.65	-728.65	-728.65
	runtime	1.08	0.98	0.19	0.00	0.58	6.58	23.12	0.01	0.01	0.13
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.74 GB	0.01 GB	0.01 GB	0.06 GB
8005616	value	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77	-833.77
	bound	-833.85	-834.19	-833.77	-833.77	-Inf	-Inf	-Inf	-833.77	-833.77	-833.77
	runtime	0.91	0.84	0.21	0.00	0.68	6.68	23.99	0.02	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.76 GB	0.01 GB	0.01 GB	0.06 GB
8006160	value	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20	-997.20
	bound	-997.32	-997.69	-997.20	-997.20	-Inf	-Inf	-Inf	-997.20	-997.20	-997.20
	runtime	0.89	0.85	0.22	0.00	0.71	6.71	22.91	0.04	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.69 GB	0.01 GB	0.01 GB	0.06 GB
8006302	value	-839.51	-839.51	-839.51	-839.51	-839.51	-839.51	-839.51	-839.51	-839.51	-839.51
	bound	-839.65	-840.01	-839.51	-839.51	-Inf	-Inf	-Inf	-839.51	-839.51	-839.51
	runtime	1.00	0.96	0.25	0.00	18.86	25.05	26.52	0.02	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.01 GB	0.07 GB
8008099	value	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90	-727.90
	bound	-728.21	-729.19	-727.90	-727.90	-Inf	-Inf	-Inf	-727.90	-727.90	-727.90
	runtime	1.10	1.02	0.20	0.00	3.40	9.38	22.75	0.10	0.01	0.13
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.69 GB	0.01 GB	0.01 GB	0.06 GB
8008545	value	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77	-1036.77
	bound	-1036.94	-1037.14	-1036.77	-1036.77	-Inf	-Inf	-Inf	-1036.77	-1036.77	-1036.77
	runtime	0.96	0.90	0.23	0.00	7.22	12.82	26.06	0.01	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.07 GB
8008998	value	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03	-946.03
	bound	-946.07	-946.28	-946.03	-946.03	-Inf	-Inf	-Inf	-946.03	-946.03	-946.03
	runtime	1.14	1.07	0.22	0.00	3.01	8.98	25.75	0.01	0.01	0.14
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.13 GB	0.13 GB	0.82 GB	0.01 GB	0.01 GB	0.06 GB
9000001	value	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24	-889.24
	bound	-889.31	-889.40	-889.24	-889.24	-Inf	-Inf	-Inf	-889.24	-889.24	-889.24
	runtime	1.28	1.18	0.24	0.00	0.83	6.83	25.53	0.36	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.77 GB	0.01 GB	0.01 GB	0.07 GB
9000002	value	-971.04	-971.01	-971.04	-971.04	-971.04	-971.04	-971.01	-971.04	-971.04	-971.04
	bound	-971.47	-971.80	-971.04	-971.04	-Inf	-Inf	-Inf	-971.04	-971.04	-971.04
	runtime	1.21	1.13	0.23	0.00	0.70	6.70	26.69	0.09	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.85 GB	0.01 GB	0.01 GB	0.07 GB
9000003	value	-681.54	-680.97	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79	-681.79
	bound	-682.05	-683.54	-681.79	-681.79	-Inf	-Inf	-Inf	-681.79	-681.79	-681.79
	runtime	1.13	1.05	0.22	0.00	616.13	632.79	28.63	0.15	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.07 GB	0.07 GB	0.75 GB	0.01 GB	0.01 GB	0.06 GB
9000029	value	-890.65	-890.65	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78	-890.78
	bound	-891.09	-891.67	-890.78	-890.78	-Inf	-Inf	-Inf	-890.78	-890.78	-890.78
	runtime	1.24	1.14	0.24	0.00	4.28	10.30	26.63	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.84 GB	0.01 GB	0.01 GB	0.07 GB
9000127	value	-788.83	-788.81	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83	-788.83
	bound	-789.25	-790.25	-788.83	-788.83	-Inf	-Inf	-Inf	-788.83	-788.83	-788.83
	runtime	0.97	0.89	0.23	0.00	2.57	8.61	25.09	0.06	0.04	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.83 GB	0.01 GB	0.01 GB	0.06 GB
9000136	value	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09	-973.09
	bound	-973.45	-974.63	-973.09	-973.09	-Inf	-Inf	-Inf	-973.09	-973.09	-973.09
	runtime	1.05	0.99	0.25	0.00	1.58	7.58	32.06	0.20	0.03	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	1.06 GB	0.01 GB	0.01 GB	0.07 GB
9000210	value	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65	-797.65
	bound	-797.77	-798.12	-797.65	-797.65	-Inf	-Inf	-Inf	-797.65	-797.65	-797.65
	runtime	1.23	1.14	0.22	0.00	0.74	6.75	24.07	0.06	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.75 GB	0.01 GB	0.01 GB	0.07 GB
9000288	value	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15	-849.15
	bound	-849.19	-849.27	-849.15	-849.15	-Inf	-Inf	-Inf	-849.15	-849.15	-849.15
	runtime	1.28	1.24	0.22	0.00	0.72	6.73	24.77	0.01	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB
9000395	value	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73	-822.73
	bound	-822.78	-822.85	-822.73	-822.73	-Inf	-Inf	-Inf	-822.73	-822.73	-822.73
	runtime	1.23	1.11	0.22	0.00	0.86	6.87	28.13	0.01	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.93 GB	0.01 GB	0.01 GB	0.06 GB
9000747	value	-826.15	-826.15	-826.15	-826.15	-826.13	-826.15	-826.15	-826.15	-826.15	-826.15
	bound	-826.47	-826.86	-826.15	-826.15	-Inf	-Inf	-Inf	-826.15	-826.15	-826.15
	runtime	1.32	1.20	0.24	0.00	0.92	6.91	26.70	0.05	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.87 GB	0.01 GB	0.01 GB	0.07 GB
9000868	value	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22	-853.22
	bound	-853.29	-853.40	-853.22	-853.22	-Inf	-Inf	-Inf	-853.22	-853.22	-853.22
	runtime	1.32	1.20	0.24	0.00	0.77	6.77	26.63	0.01	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.84 GB	0.01 GB	0.01 GB	0.07 GB
9000875	value	-897.09	-897.09	-897.09	-897.09	-897.09	-897.09	-897.09	-897.09	-897.09	-897.09
	bound	-897.59	-898.17	-897.09	-897.09	-Inf	-Inf	-Inf	-897.09	-897.09	-897.09
	runtime	1.33	1.22	0.24	0.00	0.95	6.96	27.61	0.03	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
9000928	value	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22	-924.22
	bound	-924.23	-924.76	-924.22	-924.22	-Inf	-Inf	-Inf	-924.22	-924.22	-924.22
	runtime	1.28	1.15	0.24	0.00	1.25	7.26	23.20	0.04	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.73 GB	0.01 GB	0.01 GB	0.07 GB

scene-decomposition		α-Fusion	ogm-ICM	ogm-LBP-LF1	ogm-LBP-LF2	ogm-LF-1	ogm-LF-2	ogm-LF-3
9000933	value	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000989	value	-908.40	-904.77	-908.40	-908.40	-904.77	-907.00	-908.40
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.04	0.05	0.00	0.02	0.54
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001001	value	-915.65	-914.96	-915.65	-915.65	-914.96	-914.98	-915.65
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.05	0.06	0.00	0.02	0.53
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001034	value	-856.09	-855.87	-856.09	-856.09	-855.87	-855.87	-856.09
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001071	value	-768.19	-764.03	-768.19	-768.19	-764.03	-765.16	-768.19
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.65
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001184	value	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.04	0.05	0.00	0.02	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001300	value	-923.49	-920.33	-923.47	-923.47	-920.33	-921.67	-921.67
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001317	value	-715.63	-711.21	-717.51	-717.51	-711.21	-714.85	-714.85
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.06	0.07	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001619	value	-861.88	-859.51	-861.39	-861.39	-859.51	-861.88	-861.88
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.06	0.00	0.02	0.46
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001713	value	-834.00	-830.99	-834.00	-834.00	-830.99	-831.62	-831.62
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001991	value	-842.85	-839.43	-843.18	-843.18	-839.43	-841.85	-841.85
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.06	0.07	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002004	value	-972.40	-971.66	-972.40	-972.40	-971.66	-971.66	-971.66
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.04	0.00	0.01	0.35
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002021	value	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.03	0.05	0.00	0.01	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002090	value	-933.27	-931.73	-933.27	-933.27	-931.73	-932.59	-932.59
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002114	value	-824.19	-821.18	-824.19	-824.19	-821.18	-824.19	-824.19
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.40
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002474	value	-801.67	-800.38	-801.67	-801.67	-800.38	-800.58	-800.58
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.01	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002577	value	-1231.71	-1231.30	-1231.71	-1231.71	-1231.30	-1231.49	-1231.49
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.40
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002827	value	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.03	0.04	0.00	0.02	0.36
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002861	value	-868.93	-865.65	-866.36	-866.36	-865.65	-865.65	-866.36
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.02	0.53
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002972	value	-772.47	-772.24	-772.40	-772.40	-772.24	-772.33	-772.33
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.06	0.07	0.00	0.02	0.38
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003116	value	-707.26	-700.93	-707.26	-707.26	-700.93	-705.98	-705.98
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.05	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003135	value	-947.41	-945.73	-947.41	-947.41	-945.73	-946.50	-946.58
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.07	0.00	0.02	0.48
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003234	value	-864.69	-863.50	-864.69	-864.69	-863.50	-863.50	-863.50
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.01	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003250	value	-963.74	-963.63	-963.78	-963.78	-963.63	-963.63	-963.78
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.45
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003301	value	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.03	0.04	0.00	0.01	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003333	value	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.43
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003339	value	-892.18	-889.35	-892.18	-892.18	-889.35	-892.11	-892.18
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.05	0.06	0.01	0.02	0.50
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003378	value	-832.65	-831.87	-832.65	-832.65	-831.87	-832.65	-832.65
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003423	value	-865.41	-863.19	-865.49	-865.49	-863.19	-865.41	-865.49
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.04	0.05	0.00	0.02	0.46
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003585	value	-639.00	-635.04	-639.00	-639.00	-635.04	-636.97	-636.97
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.03	0.05	0.00	0.02	0.34
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003635	value	-819.14	-815.19	-819.14	-819.14	-815.19	-819.14	-819.14
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003836	value	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.03	0.05	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004060	value	-928.50	-922.67	-927.56	-927.56	-922.67	-922.67	-922.67
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.06	0.00	0.01	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004066	value	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.03	0.04	0.00	0.01	0.40
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004070	value	-1010.98	-1010.64	-1010.98	-1010.98	-1010.64	-1010.98	-1010.98
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.04	0.05	0.00	0.02	0.40
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004199	value	-819.98	-820.65	-820.75	-820.75	-820.65	-820.75	-820.75
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.03	0.05	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004242	value	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.04	0.05	0.00	0.01	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004294	value	-940.53	-938.98	-940.53	-940.53	-938.98	-940.16	-940.53
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.05	0.06	0.00	0.03	0.51
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004353	value	-901.46	-901.30	-901.62	-901.62	-901.30	-901.62	-901.62
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.07	0.00	0.02	0.45
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004368	value	-743.92	-743.82	-743.92	-743.92	-743.82	-743.82	-743.82
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.07	0.08	0.00	0.01	0.38
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004383	value	-967.70	-967.32	-967.73	-967.73	-967.32	-967.71	-967.71
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.90	0.87	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004427	value	-972.46	-969.38	-970.71	-970.71	-969.38	-970.71	-970.71
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.05	0.06	0.00	0.02	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004520	value	-871.22	-868.05	-871.22	-871.22	-868.05	-870.87	-870.87
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.40
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004581	value	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.04	0.05	0.00	0.02	0.39
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004766	value	-672.97	-672.69	-672.97	-672.97	-672.69	-672.79	-672.79
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.04	0.05	0.00	0.02	0.36
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004879	value	-727.76	-727.47	-727.76	-727.76	-727.47	-727.76	-727.76
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.03	0.05	0.00	0.02	0.41
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004965	value	-756.79	-756.26	-756.79	-756.79	-756.26	-756.79	-756.79
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.03	0.04	0.00	0.02	0.33
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004971	value	-648.83	-648.21	-649.04	-649.04	-648.21	-648.67	-649.04
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.01	0.04	0.06	0.00	0.02	0.49
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9005011	value	-863.43	-857.85	-863.43	-863.43	-857.85	-858.58	-858.58
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.01	0.06	0.08	0.00	0.02	0.44
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9005105	value	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.05	0.06	0.00	0.01	0.42
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9005245	value	-1115.38	-1114.82	-1115.38	-1115.38	-1114.82	-1115.38	-1115.38
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.05	0.00	0.01	0.38
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9005273	value	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.01	0.00	0.04	0.06	0.00	0.01	0.36
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9005294	value	-1080.63	-1077.61	-1080.63	-1080.63	-1077.61	-1077.61	-1080.61
	bound	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
	runtime	0.00	0.00	0.07	0.09	0.00	0.02	0.65
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
mean energy		-866.85	-864.56	-866.76	-866.76	-864.56	-865.81	-866.27
mean bound		-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
mean runtime		0.00	0.00	0.05	0.06	0.00	0.02	0.45
best value		82.10	15.38	80.56	80.56	15.38	40.00	58.74
best bound		0.00	0.00	0.00	0.00	0.00	0.00	0.00
verified opt		0.00	0.00	0.00	0.00	0.00	0.00	0.00

scene-decomposition		ogm-TRWS-LF1	ogm-TRWS-LF2	BPS-TAB	ogm-BPS	ogm-LBP-0.5	ogm-LBP-0.95	ogm-TRBP-0.5	ogm-TRBP-0.95	ogm-TRBPS	ADDD	MPLP	MPLP-C	ogm-ADSAL	ogm-BUNDLE-A	ogm-BUNDLE-H	ogm-SG-A	ogm-BUNDLE-A+	ogm-SG-A+
9000933	value	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49
	bound	-907.49	-907.49	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.17	0.07	0.04	0.01	0.03	0.03	0.03	1.31	0.19	1.19	0.09	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9000989	value	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40
	bound	-908.40	-908.40	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.41	-908.40	-908.40
	runtime	0.00	0.00	0.11	0.01	0.04	0.02	0.27	0.11	0.07	0.15	0.05	0.05	0.03	1.36	0.41	1.24	0.08	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001001	value	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65
	bound	-915.65	-915.65	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65
	runtime	0.00	0.00	0.11	0.01	0.05	0.02	0.27	0.13	0.06	0.05	0.05	0.05	0.05	1.43	0.31	1.25	0.09	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001034	value	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09
	bound	-856.09	-856.09	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.11	-856.09	-856.09
	runtime	0.00	0.00	0.09	0.01	0.04	0.01	0.23	0.09	0.05	0.03	0.03	0.04	0.04	1.22	0.27	1.10	0.06	0.11
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001071	value	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19
	bound	-768.19	-768.19	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19	-768.19
	runtime	0.00	0.00	0.09	0.01	0.04	0.01	0.13	0.05	0.03	0.06	0.03	0.03	0.06	0.95	0.43	0.88	0.05	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001184	value	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33
	bound	-997.33	-997.33	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.17	0.07	0.05	0.01	0.01	0.01	0.02	0.25	0.03	0.31	0.02	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001300	value	-923.49	-923.49	-922.70	-923.47	-923.47	-923.47	-923.49	-923.47	-923.47	-923.49	-923.49	-923.49	-923.49	-923.49	-923.49	-923.49	-923.49	-923.49
	bound	-923.49	-923.49	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-923.49	-923.49	-923.49	-923.49	-923.50	-923.49	-923.52	-923.49	-923.49
	runtime	0.01	0.01	0.10	0.01	0.04	0.02	0.27	0.11	0.06	0.05	0.11	0.10	0.11	1.26	0.97	1.10	0.28	0.25
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001317	value	-717.51	-717.51	-715.68	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51
	bound	-717.51	-717.51	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.53	-717.51	-717.51
	runtime	0.01	0.00	0.10	0.02	0.06	0.03	0.23	0.10	0.05	0.02	0.08	0.08	0.06	1.31	0.60	1.20	0.09	0.09
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001619	value	-861.88	-861.88	-861.39	-861.39	-861.39	-861.39	-861.39	-861.39	-861.88	-861.88	-861.88	-861.88	-861.88	-861.88	-861.88	-861.88	-861.88	-861.88
	bound	-861.88	-861.88	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-861.88	-861.88	-861.88	-861.88	-861.88	-861.88	-861.91	-861.88	-861.88
	runtime	0.01	0.01	0.11	0.01	0.05	0.02	0.15	0.07	0.04	0.02	0.07	0.07	0.09	1.12	0.11	1.03	0.06	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001713	value	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00
	bound	-834.00	-834.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00	-834.00
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.21	0.08	0.05	0.01	0.03	0.03	0.04	0.59	0.07	0.65	0.05	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9001991	value	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18
	bound	-843.18	-843.18	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18
	runtime	0.00	0.00	0.10	0.01	0.06	0.02	0.26	0.10	0.05	0.02	0.04	0.04	0.03	1.33	0.12	1.24	0.14	0.13
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002004	value	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40
	bound	-972.40	-972.40	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40
	runtime	0.00	0.00	0.09	0.01	0.03	0.01	0.17	0.07	0.04	0.02	0.02	0.02	0.03	1.07	0.13	0.93	0.05	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002021	value	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82
	bound	-857.82	-857.82	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.20	0.09	0.05	0.01	0.02	0.02	0.02	1.27	0.05	1.13	0.03	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002090	value	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27
	bound	-933.27	-933.27	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-933.27	-933.27	-933.27	-933.27	-933.27	-933.27	-933.30	-933.27	-933.27
	runtime	0.00	0.00	0.11	0.01	0.05	0.02	0.14	0.06	0.03	0.01	0.06	0.06	0.04	1.05	0.07	0.97	0.05	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002114	value	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19
	bound	-824.19	-824.19	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.22	0.09	0.05	0.22	0.02	0.02	0.03	0.38	1.05	0.34	0.12	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002474	value	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67
	bound	-801.67	-801.67	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.11	0.05	0.03	0.02	0.03	0.03	0.03	0.45	0.09	0.95	0.03	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002577	value	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71
	bound	-1231.71	-1231.71	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.22	0.10	0.04	0.01	0.02	0.02	0.04	1.16	0.28	1.11	0.05	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002827	value	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24
	bound	-736.24	-736.24	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-736.25	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24
	runtime	0.01	0.01	0.09	0.01	0.03	0.01	0.13	0.06	0.04	0.49	0.04	0.04	0.05	1.03	1.08	1.03	0.06	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002861	value	-868.93	-868.93	-866.36	-866.36	-866.36	-866.36	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93
	bound	-868.93	-868.93	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93
	runtime	0.01	0.01	0.11	0.01	0.05	0.02	0.39	0.16	0.08	0.02	0.05	0.05	0.06	1.32	0.12	1.26	0.09	0.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9002972	value	-772.47	-772.47	-772.40	-772.40	-772.40	-772.40	-772.40	-772.40	-772.40	-772.47	-772.47	-772.47	-772.47	-772.47	-772.47	-772.47	-772.47	-772.47
	bound	-772.47	-772.47	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-772.47	-772.47	-772.47	-772.47	-772.50	-772.47	-772.57	-772.47	-772.47
	runtime	0.01	0.01	0.09	0.01	0.06	0.02	0.37	0.15	0.08	0.09	0.15	0.29	0.12	1.20	0.89	1.09	0.20	0.20
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003116	value	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26
	bound	-707.26	-707.26	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26
	runtime	0.00	0.00	0.10	0.02	0.04	0.02	0.20	0.07	0.04	0.03	0.03	0.03	0.03	1.27	0.17	1.14	0.05	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003135	value	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41	-947.41
	bound	-947.41	-947.41	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-947.41	-947.41	-947.41	-947.41	-947.42	-947.41	-947.43	-947.41	-947.41
	runtime	0.00	0.00	0.11	0.01	0.06	0.02	0.23	0.08	0.05	0.04	0.04	0.04	0.04	1.37	0.36	1.23	0.05	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003234	value	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69
	bound	-864.69	-864.69	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69
	runtime	0.00	0.00	0.10	0.01	0.05	0.01	0.29	0.11	0.06	0.01	0.02	0.02	0.03	0.86	0.06	1.17	0.05	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003250	value	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78
	bound	-963.78	-963.78	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78
	runtime	0.00	0.00	0.09	0.01	0.04	0.01	0.20	0.08	0.04	0.01	0.02	0.02	0.02	1.17	0.12	1.07	0.06	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003301	value	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64
	bound	-795.64	-795.64	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64
	runtime	0.00	0.00	0.10	0.01	0.03	0.01	0.13	0.05	0.03	0.01	0.01	0.01	0.00	0.34	0.02	0.26	0.02	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003333	value	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72
	bound	-834.72	-834.72	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.20	0.08	0.06	0.04	0.03	0.03	0.03	1.25	0.16	1.23	0.04	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003339	value	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18
	bound	-892.18	-892.18	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18
	runtime	0.01	0.01	0.10	0.01	0.04	0.02	0.21	0.09	0.06	0.01	0.03	0.03	0.03	1.31	0.19	1.22	0.06	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003378	value	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65
	bound	-832.65	-832.65	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.40	0.17	0.07	0.02	0.02	0.02	0.04	1.09	0.15	1.15	0.05	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003423	value	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49
	bound	-865.49	-865.49	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49	-865.49
	runtime	0.00	0.00	0.09	0.01	0.04	0.02	0.16	0.07	0.03	0.01	0.02	0.02	0.02	0.29	0.08	0.39	0.03	0.01
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003585	value	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00
	bound	-639.00	-639.00	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00
	runtime	0.00	0.00	0.09	0.01	0.03	0.01	0.19	0.08	0.04	0.02	0.02	0.02	0.03	0.42	0.04	0.36	0.02	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003635	value	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14
	bound	-819.14	-819.14	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.15	-819.14	-819.14
	runtime	0.00	0.01	0.11	0.01	0.04	0.02	0.16	0.06	0.04	0.02	0.05	0.05	0.04	1.23	0.18	1.11	0.08	0.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9003836	value	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95
	bound	-820.95	-820.95	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.31	0.13	0.07	0.01	0.01	0.01	0.02	0.39	0.02	0.39	0.03	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004060	value	-928.50	-928.50	-924.19	-927.56	-927.56	-927.56	-927.56	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50
	bound	-928.50	-928.50	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50	-928.52	-928.50	-928.50
	runtime	0.00	0.01	0.10	0.01	0.04	0.01	0.25	0.12	0.07	0.02	0.05	0.05	0.05	1.27	0.11	1.21	0.07	0.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004066	value	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86
	bound	-1159.86	-1159.86	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.15	0.06	0.04	0.02	0.02	0.02	0.02	0.53	0.10	0.56	0.02	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004070	value	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98
	bound	-1010.98	-1010.98	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.08	0.03	0.02	0.01	0.02	0.02	0.03	0.54	0.03	0.91	0.02	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004199	value	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75
	bound	-820.75	-820.75	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.09	0.04	0.03	0.01	0.03	0.03	0.04	0.51	0.06	0.67	0.02	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004242	value	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23
	bound	-844.23	-844.23	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23
	runtime	0.00	0.00	0.10	0.01	0.03	0.02	0.12	0.05	0.03	0.01	0.02	0.02	0.02	0.65	0.05	0.58	0.02	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004294	value	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53
	bound	-940.53	-940.53	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.54	-940.53	-940.53
	runtime	0.00	0.00	0.10	0.01	0.05	0.02	0.25	0.10	0.05	0.01	0.07	0.08	0.08	1.19	0.10	1.11	0.06	0.08
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004353	value	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62
	bound	-901.62	-901.62	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-901.62	-901.62	-901.62	-901.62	-901.62	-901.63	-901.64	-901.62	-901.62
	runtime	0.00	0.01	0.11	0.01	0.05	0.02	0.20	0.08	0.05	0.23	0.06	0.06	0.08	1.33	1.31	1.24	0.18	0.15
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004368	value	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92
	bound	-743.92	-743.92	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92
	runtime	0.00	0.00	0.09	0.02	0.07	0.03	0.17	0.07	0.05	0.01	0.05	0.05	0.04	1.16	0.12	1.09	0.06	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004383	value	-968.28	-968.28	-967.73	-967.73	-967.73	-967.73	-967.73	-967.73	-966.77	-968.28	-968.28	-968.28	-968.28	-968.28	-968.28	-968.28	-968.28	-968.28
	bound	-968.28	-968.28	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-968.28	-968.28	-968.28	-968.28	-968.28	-968.28	-968.29	-968.28	-968.28
	runtime	0.01	0.00	0.10	0.33	0.93	0.34	1.20	1.18	1.04	0.11	0.04	0.04	0.04	1.30	0.61	1.17	0.09	0.05
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004427	value	-972.46	-972.46	-970.71	-970.71	-970.71	-970.71	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46
	bound	-972.46	-972.46	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-972.46	-972.46	-972.46	-972.46	-972.49	-972.46	-972.53	-972.46	-972.46
	runtime	0.00	0.00	0.11	0.01	0.05	0.02	0.35	0.18	0.13	0.01	0.03	0.03	0.04	1.30	0.16	1.19	0.16	0.13
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004520	value	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22
	bound	-871.22	-871.22	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22
	runtime	0.00	0.00	0.10	0.01	0.04	0.02	0.13	0.06	0.03	0.01	0.03	0.03	0.03	0.81	0.05	0.84	0.03	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004581	value	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46
	bound	-1040.46	-1040.46	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46
	runtime	0.00	0.00	0.09	0.01	0.04	0.02	0.17	0.06	0.04	0.04	0.04	0.05	0.05	1.07	0.37	1.03	0.11	0.11
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004766	value	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97
	bound	-672.97	-672.97	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.98	-672.97	-672.97
	runtime	0.00	0.00	0.09	0.01	0.04	0.01	0.22	0.09	0.05	0.02	0.02	0.02	0.03	1.11	0.18	1.07	0.07	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004879	value	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76
	bound	-727.76	-727.76	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.20	0.09	0.05	0.02	0.02	0.02	0.02	0.63	0.10	1.09	0.05	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004965	value	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79
	bound	-756.79	-756.79	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79
	runtime	0.00	0.00	0.08	0.01	0.04	0.02	0.14	0.06	0.06	0.01	0.02	0.02	0.03	1.03	0.09	0.94	0.04	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9004971	value	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04
	bound	-649.04	-649.04	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04
	runtime	0.00	0.00	0.10	0.01	0.04	0.01	0.26	0.11	0.05	0.01	0.02	0.03	0.04	0.88	0.07	1.11	0.06	0.03
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9005011	value	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43
	bound	-863.43	-863.43	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-863.43	-863.43	-863.43	-863.43	-863.43	-863.43	-863.45	-863.43	-863.43
	runtime	0.00	0.00	0.11	0.02	0.06	0.03	0.39	0.16	0.08	0.01	0.05	0.05	0.05	1.36	0.11	1.24	0.09	0.07
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9005105	value	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24
	bound	-873.24	-873.24	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24
	runtime	0.01	0.00	0.10	0.01	0.05	0.02	0.14	0.06	0.03	0.11	0.04	0.04	0.04	0.88	0.40	0.93	0.06	0.06
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9005245	value	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38
	bound	-1115.38	-1115.38	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38
	runtime	0.00	0.00	0.09	0.01	0.04	0.02	0.24	0.09	0.05	0.03	0.03	0.03	0.03	0.82	0.10	0.93	0.05	0.04
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9005273	value	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73
	bound	-655.73	-655.73	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73	-655.73
	runtime	0.00	0.00	0.09	0.01	0.04	0.01	0.15	0.06	0.03	0.01	0.02	0.02	0.02	0.86	0.05	0.82	0.03	0.02
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
9005294	value	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.30	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63
	bound	-1080.63	-1080.63	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-1080.21	-1080.64	-1080.63	-1080.63	-1080.63	-1080.64	-1080.67	-1080.63	-1080.63
	runtime	0.01	0.01	0.10	0.02	0.07	0.02	0.47	0.19	0.11	0.61	0.13	0.27	0.13	1.31	1.29	1.20	0.18	0.16
	memory (GB)	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB	0.01 GB
mean energy		-866.93	-866.93	-866.73	-866.77	-866.76	-866.76	-866.85	-866.85	-866.85	-866.92	-866.92	-866.92	-866.93	-866.93	-866.93	-866.93	-866.93	-866.92
mean bound		-866.93	-866.93	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf	-866.93	-866.93	-866.93	-866.93	-866.93	-866.93	-866.94	-866.93	-866.93
mean runtime		0.00	0.00	0.10	0.02	0.05	0.02	0.24	0.11	0.13	0.06	0.04	0.04	0.04	0.94	0.26	0.96	0.07	0.07
best value		99.72	99.86	79.16	81.82	80.56	81.12	89.79	90.07	90.07	98.04	97.90	99.30	99.86	99.86	100.00	99.44	100.00	99.72
best bound		98.60	98.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.48	78.32	79.16	98.60	48.53	94.13	31.19	98.60	98.04
verified opt		99.58	99.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.48	78.46	79.30	99.58	48.81	94.13	31.19	99.58	99.02

scene-decomposition		ogm-BUNDLE-A-	ogm-SG-A-	ogm-LP-LP	TRWS-TAB	BRAOBB-1	BRAOBB-2	BRAOBB-3	ADDD-BB	ogm-CombiLP	ogm-ILP
9000933	value	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49	-907.49
	bound	-907.61	-907.77	-907.49	-907.49	-Inf	-Inf	-Inf	-907.49	-907.49	-907.49
	runtime	1.28	1.17	0.24	0.00	0.75	6.76	25.29	0.01	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.80 GB	0.01 GB	0.01 GB	0.07 GB
9000989	value	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40	-908.40
	bound	-908.66	-910.07	-908.40	-908.40	-Inf	-Inf	-Inf	-908.40	-908.40	-908.40
	runtime	1.36	1.22	0.25	0.00	9.14	15.56	29.00	0.15	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.05 GB	0.05 GB	0.96 GB	0.01 GB	0.01 GB	0.07 GB
9001001	value	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65	-915.65
	bound	-915.95	-916.29	-915.65	-915.65	-Inf	-Inf	-Inf	-915.65	-915.65	-915.65
	runtime	1.39	1.21	0.26	0.00	1.08	7.08	24.66	0.05	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB
9001034	value	-856.05	-856.05	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09	-856.09
	bound	-856.38	-857.18	-856.09	-856.09	-Inf	-Inf	-Inf	-856.09	-856.09	-856.09
	runtime	1.19	1.14	0.23	0.00	0.71	6.71	26.55	0.02	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.84 GB	0.01 GB	0.01 GB	0.06 GB
9001071	value	-768.19	-768.19	-768.19	-768.19	-767.67	-767.67	-768.19	-768.19	-768.19	-768.19
	bound	-768.37	-768.98	-768.19	-768.19	-Inf	-Inf	-Inf	-768.19	-768.19	-768.19
	runtime	0.93	0.88	0.23	0.00	0.76	6.75	24.42	0.06	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.76 GB	0.01 GB	0.01 GB	0.06 GB
9001184	value	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33	-997.33
	bound	-997.33	-997.34	-997.33	-997.33	-Inf	-Inf	-Inf	-997.33	-997.33	-997.33
	runtime	1.30	1.18	0.24	0.00	0.85	6.85	26.54	0.01	0.00	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.84 GB	0.01 GB	0.01 GB	0.07 GB
9001300	value	-923.49	-923.49	-923.49	-923.49	-923.49	-923.49	-923.49	-923.49	-923.49	-923.49
	bound	-923.77	-924.34	-923.49	-923.49	-Inf	-Inf	-Inf	-923.49	-923.49	-923.49
	runtime	1.25	1.13	0.24	0.00	2.53	8.51	25.16	0.05	0.05	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.77 GB	0.01 GB	0.01 GB	0.07 GB
9001317	value	-717.51	-717.38	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51	-717.51
	bound	-717.81	-718.68	-717.51	-717.51	-Inf	-Inf	-Inf	-717.51	-717.51	-717.51
	runtime	1.34	1.21	0.25	0.00	4.62	10.63	28.11	0.01	0.03	0.19
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.89 GB	0.01 GB	0.01 GB	0.07 GB
9001619	value	-861.88	-861.69	-861.88	-861.88	-861.88	-861.88	-861.88	-861.88	-861.88	-861.88
	bound	-862.16	-862.69	-861.88	-861.88	-Inf	-Inf	-Inf	-861.88	-861.88	-861.88
	runtime	1.11	1.02	0.27	0.00	18.35	22.71	25.14	0.01	0.04	0.20
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.79 GB	0.01 GB	0.01 GB	0.07 GB
9001713	value	-834.00	-834.00	-834.00	-834.00	-833.88	-833.88	-834.00	-834.00	-834.00	-834.00
	bound	-834.12	-834.65	-834.00	-834.00	-Inf	-Inf	-Inf	-834.00	-834.00	-834.00
	runtime	1.05	0.96	0.27	0.00	1.84	7.78	27.15	0.01	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.91 GB	0.01 GB	0.01 GB	0.07 GB
9001991	value	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18	-843.18
	bound	-843.41	-844.00	-843.18	-843.18	-Inf	-Inf	-Inf	-843.18	-843.18	-843.18
	runtime	1.30	1.20	0.25	0.00	466.28	492.67	33.49	0.01	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.09 GB	0.09 GB	0.95 GB	0.01 GB	0.01 GB	0.07 GB
9002004	value	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40	-972.40
	bound	-972.42	-972.48	-972.40	-972.40	-Inf	-Inf	-Inf	-972.40	-972.40	-972.40
	runtime	1.03	0.96	0.18	0.00	0.60	6.60	26.67	0.02	0.01	0.14
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.89 GB	0.01 GB	0.01 GB	0.06 GB
9002021	value	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82	-857.82
	bound	-857.93	-858.02	-857.82	-857.82	-Inf	-Inf	-Inf	-857.82	-857.82	-857.82
	runtime	1.25	1.13	0.22	0.00	0.77	6.78	27.88	0.01	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.90 GB	0.01 GB	0.01 GB	0.07 GB
9002090	value	-933.27	-933.18	-933.27	-933.27	-933.27	-932.99	-933.27	-933.27	-933.27	-933.27
	bound	-933.56	-934.25	-933.27	-933.27	-Inf	-Inf	-Inf	-933.27	-933.27	-933.27
	runtime	1.08	0.97	0.24	0.00	1.95	7.96	28.92	0.01	0.01	0.19
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.96 GB	0.01 GB	0.01 GB	0.07 GB
9002114	value	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19	-824.19
	bound	-824.20	-824.28	-824.19	-824.19	-Inf	-Inf	-Inf	-824.19	-824.19	-824.19
	runtime	1.22	1.15	0.21	0.00	0.71	6.71	25.34	0.22	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.84 GB	0.01 GB	0.01 GB	0.06 GB
9002474	value	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67	-801.67
	bound	-801.74	-802.28	-801.67	-801.67	-Inf	-Inf	-Inf	-801.67	-801.67	-801.67
	runtime	0.99	0.94	0.23	0.00	0.94	6.94	26.39	0.02	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.82 GB	0.01 GB	0.01 GB	0.07 GB
9002577	value	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71	-1231.71
	bound	-1231.76	-1231.82	-1231.71	-1231.71	-Inf	-Inf	-Inf	-1231.71	-1231.71	-1231.71
	runtime	1.22	1.06	0.21	0.00	0.62	6.62	22.11	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.66 GB	0.01 GB	0.01 GB	0.06 GB
9002827	value	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24	-736.24
	bound	-736.38	-736.68	-736.24	-736.24	-Inf	-Inf	-Inf	-736.24	-736.24	-736.24
	runtime	1.12	1.02	0.19	0.00	0.71	6.71	24.04	0.98	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.74 GB	0.01 GB	0.01 GB	0.06 GB
9002861	value	-868.89	-868.89	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93	-868.93
	bound	-869.13	-869.89	-868.93	-868.93	-Inf	-Inf	-Inf	-868.93	-868.93	-868.93
	runtime	1.34	1.23	0.24	0.00	2.01	8.00	27.97	0.02	0.02	0.20
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
9002972	value	-772.33	-772.18	-772.47	-772.47	-772.47	-772.47	-772.47	-772.47	-772.47	-772.47
	bound	-772.84	-773.63	-772.47	-772.47	-Inf	-Inf	-Inf	-772.47	-772.47	-772.47
	runtime	1.17	1.07	0.22	0.01	0.80	6.80	29.93	0.08	0.08	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.99 GB	0.01 GB	0.01 GB	0.06 GB
9003116	value	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26	-707.26
	bound	-707.49	-707.88	-707.26	-707.26	-Inf	-Inf	-Inf	-707.26	-707.26	-707.26
	runtime	1.23	1.11	0.23	0.00	3.89	9.86	28.94	0.03	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.94 GB	0.01 GB	0.01 GB	0.07 GB
9003135	value	-947.27	-947.41	-947.41	-947.41	-947.41	-947.41	-947.33	-947.41	-947.41	-947.41
	bound	-947.64	-947.99	-947.41	-947.41	-Inf	-Inf	-Inf	-947.41	-947.41	-947.41
	runtime	1.36	1.24	0.24	0.00	0.84	6.84	29.77	0.04	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	1.02 GB	0.01 GB	0.01 GB	0.07 GB
9003234	value	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69	-864.69
	bound	-864.78	-865.25	-864.69	-864.69	-Inf	-Inf	-Inf	-864.69	-864.69	-864.69
	runtime	1.27	1.15	0.23	0.00	0.76	6.76	27.77	0.01	0.02	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
9003250	value	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78	-963.78
	bound	-963.90	-964.16	-963.78	-963.78	-Inf	-Inf	-Inf	-963.78	-963.78	-963.78
	runtime	1.14	1.04	0.22	0.00	0.84	6.84	27.92	0.01	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.93 GB	0.01 GB	0.01 GB	0.06 GB
9003301	value	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64	-795.64
	bound	-795.65	-795.64	-795.64	-795.64	-Inf	-Inf	-Inf	-795.64	-795.64	-795.64
	runtime	1.21	1.14	0.22	0.00	0.73	6.73	29.85	0.01	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	1.00 GB	0.01 GB	0.01 GB	0.07 GB
9003333	value	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72	-834.72
	bound	-834.84	-835.09	-834.72	-834.72	-Inf	-Inf	-Inf	-834.72	-834.72	-834.72
	runtime	1.32	1.20	0.24	0.00	0.76	6.76	26.13	0.03	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.84 GB	0.01 GB	0.01 GB	0.07 GB
9003339	value	-892.18	-892.07	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18	-892.18
	bound	-892.31	-892.75	-892.18	-892.18	-Inf	-Inf	-Inf	-892.18	-892.18	-892.18
	runtime	1.29	1.18	0.23	0.00	0.83	6.82	27.08	0.01	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.04 GB	0.88 GB	0.01 GB	0.01 GB	0.07 GB
9003378	value	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65	-832.65
	bound	-832.73	-832.84	-832.65	-832.65	-Inf	-Inf	-Inf	-832.65	-832.65	-832.65
	runtime	1.26	1.18	0.22	0.00	0.66	6.66	26.29	0.02	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.86 GB	0.01 GB	0.01 GB	0.07 GB
9003423	value	-865.49	-865.41	-865.49	-865.49	-865.49	-865.41	-865.41	-865.49	-865.49	-865.49
	bound	-865.49	-865.52	-865.49	-865.49	-Inf	-Inf	-Inf	-865.49	-865.49	-865.49
	runtime	0.98	0.90	0.21	0.00	0.69	6.69	25.87	0.01	0.00	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.84 GB	0.01 GB	0.01 GB	0.06 GB
9003585	value	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00	-639.00
	bound	-639.02	-639.18	-639.00	-639.00	-Inf	-Inf	-Inf	-639.00	-639.00	-639.00
	runtime	0.89	0.83	0.19	0.00	0.65	6.64	20.70	0.01	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.61 GB	0.01 GB	0.01 GB	0.06 GB
9003635	value	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14	-819.14
	bound	-819.54	-819.89	-819.14	-819.14	-Inf	-Inf	-Inf	-819.14	-819.14	-819.14
	runtime	1.23	1.10	0.23	0.00	6.96	12.98	30.13	0.01	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.98 GB	0.01 GB	0.01 GB	0.07 GB
9003836	value	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95	-820.95
	bound	-820.97	-820.99	-820.95	-820.95	-Inf	-Inf	-Inf	-820.95	-820.95	-820.95
	runtime	1.25	1.14	0.23	0.00	0.74	6.74	27.36	0.01	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.88 GB	0.01 GB	0.01 GB	0.07 GB
9004060	value	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50	-928.50
	bound	-928.89	-929.66	-928.50	-928.50	-Inf	-Inf	-Inf	-928.50	-928.50	-928.50
	runtime	1.29	1.21	0.25	0.00	0.68	6.68	27.93	0.01	0.03	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.91 GB	0.01 GB	0.01 GB	0.07 GB
9004066	value	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86	-1159.86
	bound	-1159.88	-1159.90	-1159.86	-1159.86	-Inf	-Inf	-Inf	-1159.86	-1159.86	-1159.86
	runtime	1.23	1.10	0.22	0.00	0.74	6.74	26.84	0.02	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.88 GB	0.01 GB	0.01 GB	0.07 GB
9004070	value	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98	-1010.98
	bound	-1011.04	-1011.19	-1010.98	-1010.98	-Inf	-Inf	-Inf	-1010.98	-1010.98	-1010.98
	runtime	1.03	0.88	0.22	0.00	0.72	6.73	26.44	0.01	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.86 GB	0.01 GB	0.01 GB	0.07 GB
9004199	value	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75	-820.75
	bound	-820.82	-821.04	-820.75	-820.75	-Inf	-Inf	-Inf	-820.75	-820.75	-820.75
	runtime	0.97	0.93	0.22	0.00	0.70	6.70	28.17	0.01	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.92 GB	0.01 GB	0.01 GB	0.07 GB
9004242	value	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23	-844.23
	bound	-844.25	-844.28	-844.23	-844.23	-Inf	-Inf	-Inf	-844.23	-844.23	-844.23
	runtime	1.01	0.94	0.22	0.00	1.02	7.02	28.06	0.01	0.00	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.95 GB	0.01 GB	0.01 GB	0.07 GB
9004294	value	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53	-940.53
	bound	-940.74	-941.26	-940.53	-940.53	-Inf	-Inf	-Inf	-940.53	-940.53	-940.53
	runtime	1.20	1.07	0.23	0.00	0.83	6.82	23.11	0.01	0.04	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.72 GB	0.01 GB	0.01 GB	0.06 GB
9004353	value	-901.62	-901.62	-901.62	-901.62	-901.62	-901.62	-901.55	-901.62	-901.62	-901.62
	bound	-902.16	-902.67	-901.62	-901.62	-Inf	-Inf	-Inf	-901.62	-901.62	-901.62
	runtime	1.34	1.23	0.25	0.01	0.79	6.79	27.28	0.22	0.03	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.88 GB	0.01 GB	0.01 GB	0.07 GB
9004368	value	-743.92	-743.82	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92	-743.92
	bound	-744.06	-744.32	-743.92	-743.92	-Inf	-Inf	-Inf	-743.92	-743.92	-743.92
	runtime	1.18	1.08	0.22	0.00	0.78	6.78	23.49	0.02	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.73 GB	0.01 GB	0.01 GB	0.06 GB
9004383	value	-968.28	-967.94	-968.28	-968.28	-968.28	-967.70	-968.28	-968.28	-968.28	-968.28
	bound	-968.44	-968.85	-968.28	-968.28	-Inf	-Inf	-Inf	-968.28	-968.28	-968.28
	runtime	1.26	1.13	0.24	0.00	0.83	6.83	27.48	0.12	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.85 GB	0.01 GB	0.01 GB	0.07 GB
9004427	value	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46	-972.46
	bound	-972.83	-973.26	-972.46	-972.46	-Inf	-Inf	-Inf	-972.46	-972.46	-972.46
	runtime	1.26	1.17	0.25	0.00	1.98	7.94	28.87	0.01	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.94 GB	0.01 GB	0.01 GB	0.07 GB
9004520	value	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22	-871.22
	bound	-871.30	-871.64	-871.22	-871.22	-Inf	-Inf	-Inf	-871.22	-871.22	-871.22
	runtime	0.96	0.91	0.23	0.00	19.14	25.00	26.94	0.01	0.01	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.06 GB	0.06 GB	0.88 GB	0.01 GB	0.01 GB	0.07 GB
9004581	value	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46	-1040.46
	bound	-1040.60	-1040.69	-1040.46	-1040.46	-Inf	-Inf	-Inf	-1040.46	-1040.46	-1040.46
	runtime	1.10	1.00	0.20	0.00	0.64	6.65	23.38	0.04	0.02	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.73 GB	0.01 GB	0.01 GB	0.06 GB
9004766	value	-672.97	-672.87	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97	-672.97
	bound	-673.33	-674.16	-672.97	-672.97	-Inf	-Inf	-Inf	-672.97	-672.97	-672.97
	runtime	1.14	1.07	0.20	0.00	3.65	9.66	26.41	0.02	0.01	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.72 GB	0.01 GB	0.01 GB	0.06 GB
9004879	value	-727.76	-727.47	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76	-727.76
	bound	-727.84	-727.99	-727.76	-727.76	-Inf	-Inf	-Inf	-727.76	-727.76	-727.76
	runtime	1.23	1.16	0.23	0.00	1.08	7.07	25.34	0.02	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.81 GB	0.01 GB	0.01 GB	0.07 GB
9004965	value	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79	-756.79
	bound	-756.88	-757.21	-756.79	-756.79	-Inf	-Inf	-Inf	-756.79	-756.79	-756.79
	runtime	1.03	0.96	0.18	0.00	2.92	8.90	20.20	0.01	0.02	0.13
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.13 GB	0.13 GB	0.59 GB	0.01 GB	0.01 GB	0.06 GB
9004971	value	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04	-649.04
	bound	-649.16	-649.85	-649.04	-649.04	-Inf	-Inf	-Inf	-649.04	-649.04	-649.04
	runtime	1.18	1.09	0.22	0.00	1.10	7.11	24.74	0.01	0.02	0.17
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.78 GB	0.01 GB	0.01 GB	0.07 GB
9005011	value	-863.43	-863.43	-863.43	-863.43	-863.43	-863.00	-863.43	-863.43	-863.43	-863.43
	bound	-863.65	-864.06	-863.43	-863.43	-Inf	-Inf	-Inf	-863.43	-863.43	-863.43
	runtime	1.33	1.24	0.25	0.00	7.74	13.75	27.14	0.01	0.02	0.19
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.87 GB	0.01 GB	0.01 GB	0.07 GB
9005105	value	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24	-873.24
	bound	-873.44	-873.91	-873.24	-873.24	-Inf	-Inf	-Inf	-873.24	-873.24	-873.24
	runtime	1.03	0.97	0.23	0.01	1.44	7.43	27.84	0.10	0.02	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.90 GB	0.01 GB	0.01 GB	0.07 GB
9005245	value	-1115.38	-1115.38	-1115.38	-1115.38	-1115.38	-1114.82	-1115.38	-1115.38	-1115.38	-1115.38
	bound	-1115.71	-1116.03	-1115.38	-1115.38	-Inf	-Inf	-Inf	-1115.38	-1115.38	-1115.38
	runtime	1.16	1.12	0.21	0.00	0.68	6.68	27.15	0.03	0.01	0.16
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.03 GB	0.03 GB	0.93 GB	0.01 GB	0.01 GB	0.06 GB
9005273	value	-655.73	-655.73	-655.73	-655.73	-654.22	-655.73	-655.73	-655.73	-655.73	-655.73
	bound	-655.81	-655.88	-655.73	-655.73	-Inf	-Inf	-Inf	-655.73	-655.73	-655.73
	runtime	0.87	0.82	0.19	0.00	3.38	9.39	25.24	0.01	0.01	0.15
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.14 GB	0.14 GB	0.81 GB	0.01 GB	0.01 GB	0.06 GB
9005294	value	-1080.63	-1080.61	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63	-1080.63
	bound	-1081.29	-1082.72	-1080.63	-1080.63	-Inf	-Inf	-Inf	-1080.63	-1080.63	-1080.63
	runtime	1.34	1.22	0.24	0.01	0.98	6.97	29.84	0.80	0.07	0.18
	memory (GB)	0.01 GB	0.01 GB	0.04 GB	0.01 GB	0.04 GB	0.04 GB	0.99 GB	0.01 GB	0.01 GB	0.07 GB
mean energy		-866.92	-866.85	-866.93	-866.93	-866.90	-866.86	-866.90	-866.93	-866.93	-866.93
mean bound		-867.13	-867.56	-866.93	-866.93	-Inf	-Inf	-Inf	-866.93	-866.93	-866.93
mean runtime		1.19	1.08	0.23	0.00	17.61	23.40	27.20	0.11	0.02	0.17
best value		95.52	70.63	99.58	99.86	93.71	87.41	91.33	100.00	100.00	100.00
best bound		0.00	0.00	98.60	98.60	0.00	0.00	0.00	99.02	99.02	99.02
verified opt		0.00	0.00	99.58	99.58	0.00	0.00	0.00	100.00	100.00	100.00