

GPU				CPU					
				ANT		EAG		MCP	
FMC		PMC		QUALEX-MS		a=0		a=0.5	
Annealing		Exclusion		a=0		a=0.5		a=0.5	
Annealing		Exclusion							
Graph		Size	Time	Size	Time	Size	Time	Size	Time
Size	Time	Size	Time	Size	Time	Size	Time	Size	Time
Time	Size	Time	Size	Time	Size	Time	Speedup	Size	
Time	Speedup	Size	Time	Speedup	Size	Time	Speedup		
bern_4096_0.3_50_0 50 51.50 50 13.74 50 19.68									
10	7.04	10	2.21	50	411.03	50	0.69	50	
0.79	50	1.63	50	4.01	50	0.27	2.5	50	
0.31	2.5	50	0.61	2.7	50	2.84	1.4		
bern_4096_0.3_50_51 50 47.35 51 372.57 51 18.84									
10	6.95	19	2.25	51	398.84	50	0.79	50	
0.72	50	2.09	50	3.85	50	0.27	2.9	50	
0.31	2.3	50	0.61	3.4	50	2.91	1.3		
bern_4096_0.3_50_55 50 51.26 55 272.79 55 17.34									
10	7.60	10	2.24	55	403.96	50	0.70	50	
0.80	50	1.67	50	4.16	50	0.21	3.4	50	
0.31	2.5	50	0.61	2.7	50	2.92	1.4		
bern_4096_0.3_50_65 50 50.10 65 283.06 65 19.00									
10	7.03	10	2.50	65	392.03	50	0.77	50	
0.74	50	1.64	50	4.00	50	0.28	2.8	50	
0.31	2.4	50	0.61	2.7	50	2.91	1.4		
bern_4096_0.3_50_75 75 70.94 75 161.95 75 12.08									
10	7.08	25	1.94	75	408.02	50	0.75	50	
0.78	50	1.66	50	4.02	50	0.27	2.7	50	
0.31	2.5	50	0.61	2.7	75	3.37	1.2		
bern_4096_0.3_50_100 100 96.01 100 33.69 100 2.82									
10	7.02	44	2.10	100	397.02	100	0.73	100	
0.66	100	4.98	100	3.66	100	0.24	3.0	100	
0.24	2.8	100	0.43	11.5	100	1.48	2.5		
bern_4096_0.3_500_0 500 476.12 500 1.02 500 3.17									
500	103.87	500	3.80	500	432.43	500	2.75	500	
4.17	500	6.80	500	8.89	500	0.95	2.9	500	
1.02	4.1	500	0.93	7.3	500	1.94	4.6		
bern_4096_0.3_500_501 504 498.53 504 1.09 504 3.28									
504	116.59	504	3.99	504	417.82	504	3.77	504	
5.87	504	9.92	504	12.70	504	0.83	4.5	504	
0.84	7.0	504	1.02	9.7	504	2.77	4.6		
bern_4096_0.3_500_505 507 504.58 507 1.11 507 3.15									
505	116.13	507	3.79	507	408.05	507	2.14	507	
5.62	507	9.53	507	12.86	507	0.83	2.6	507	
0.86	6.5	507	1.02	9.4	507	2.75	4.7		
bern_4096_0.3_500_550 550 578.80 550 230.52 550 3.32									
550	94.15	550	4.03	550	410.07	516	3.82	516	
6.78	516	10.59	516	12.48	516	0.63	6.0	516	
0.79	8.6	516	0.93	11.4	516	2.74	4.6		
bern_4096_0.3_500_650 650 702.24 650 184.85 650 3.36									
650	111.25	650	4.59	650	441.19	514	2.75	514	

4.63	514	10.74	514	13.12	514	0.48	5.8	514
0.65	7.2	514	0.98	11.0	514	2.80	4.7	
bern_4096_0.3_500_750	750		783.08	750		21.45	750	3.36
750	181.08	750	4.48	750	414.16	525	2.62	525
3.87	525	10.48	750	14.11	525	0.51	5.2	525
0.52	7.5	525	0.92	11.4	750	2.69	5.2	
bern_4096_0.3_500_1000	1000		980.71	1000		1.98	1000	3.55
1000	202.59	1000	9.94	1000	425.25	554	5.06	554
7.32	554	10.68	1000	16.42	554	0.52	9.7	554
0.93	7.8	554	1.04	10.3	1000	2.98	5.5	
bern_4096_0.7_50_0	28		39.12	27		506.25	48	10004.50
25	54.16	25	5.80	50	439.51	50	4.33	50
4.34	50	9.72	50	32.97	50	0.44	9.9	50
0.54	8.1	50	1.20	8.1	50	5.43	6.1	
bern_4096_0.7_50_51	29		41.26	27		510.60	49	10004.64
25	56.33	25	4.95	50	447.21	50	4.40	50
4.46	50	10.06	50	33.35	50	0.51	8.7	50
0.56	8.0	50	1.20	8.4	50	5.43	6.1	
bern_4096_0.7_50_55	27		38.90	28		588.12	48	10004.37
25	56.58	25	4.95	50	432.55	50	4.50	50
4.40	50	9.61	50	32.45	50	0.50	8.9	50
0.55	8.0	50	1.20	8.0	50	5.52	5.9	
bern_4096_0.7_50_65	28		39.18	27		535.61	49	10004.60
25	55.65	25	4.96	65	432.42	50	4.66	50
4.64	50	10.16	50	33.11	50	0.44	10.6	50
0.55	8.5	50	1.20	8.5	50	5.52	6.0	
bern_4096_0.7_50_75	28		40.15	28		549.98	47	10004.39
25	56.03	25	4.92	75	435.16	50	4.60	50
4.40	50	10.12	50	32.75	50	0.48	9.5	50
0.55	8.1	50	1.20	8.4	50	5.52	5.9	
bern_4096_0.7_50_100	100		78.36	27		493.32	49	10004.41
25	55.26	25	4.66	100	435.23	50	4.53	50
4.52	50	10.14	50	34.17	50	0.51	8.9	50
0.55	8.2	50	1.20	8.4	50	5.62	6.1	
bern_4096_0.7_500_0	500		364.82	500		1.41	500	5.95
256	60.71	178	5.15	500	416.82	500	3.90	500
5.08	500	12.02	500	26.25	500	0.94	4.1	500
0.77	6.6	500	1.14	10.5	500	3.83	6.8	
bern_4096_0.7_500_501	510		324.00	510		1.28	510	5.83
291	69.52	143	5.21	510	422.13	510	5.67	510
15.54	510	17.49	510	37.66	510	0.80	7.1	510
0.63	24.7	510	1.25	14.0	510	5.43	6.9	
bern_4096_0.7_500_505	509		322.37	509		1.28	509	6.12
257	64.82	201	5.10	509	421.27	509	5.85	509
10.65	509	15.89	509	38.66	509	0.78	7.5	509
0.63	16.8	509	1.30	12.2	509	5.44	7.1	
bern_4096_0.7_500_550	511		376.19	511		3033.18	550	5.95
283	64.34	326	5.36	550	436.65	511	4.52	511
17.98	511	17.17	511	37.82	511	0.71	6.4	511
0.77	23.3	511	1.32	13.1	511	5.23	7.2	
bern_4096_0.7_500_650	515		364.51	650		1967.71	650	6.06
215	63.59	330	5.38	650	420.38	515	2.93	515
9.48	515	16.50	515	38.98	515	0.76	3.9	515
0.71	13.3	515	1.31	12.6	515	5.53	7.0	

bern_4096_0.7_500_750	750	566.72	750	723.76	750	6.24		
300	64.45	404	5.55	750	422.50	527	3.94	527
5.61	527	17.00	750	39.44	527	0.64	6.2	527
0.68	8.3	527	1.34	12.7	750	5.32	7.4	
bern_4096_0.7_500_1000	1000	763.41	1000	2.17	1000	6.61		
360	68.24	1000	7.49	1000	432.00	1000	3.00	1000
3.10	1000	13.16	1000	26.76	1000	0.33	9.1	1000
0.41	7.6	1000	1.25	10.6	1000	3.08	8.7	
bern_8192_0.3_50_0	50	114.31	*	***	50	898.59		
11	49.00	11	7.94	50	2960.07	50	5.96	50
6.60	50	9.78	50	25.97	50	1.56	3.8	50
0.99	6.7	50	1.62	6.1	50	6.07	4.3	
bern_8192_0.3_50_51	50	108.99	*	***	51	799.54		
11	51.34	11	7.96	51	2941.84	50	5.48	50
6.98	50	7.54	50	25.84	50	1.34	4.1	50
0.95	7.3	50	1.62	4.6	50	6.35	4.1	
bern_8192_0.3_50_55	50	78.79	*	***	55	900.29		
11	50.29	11	7.79	55	2928.40	50	5.61	50
6.68	50	7.80	50	25.53	50	1.66	3.4	50
1.04	6.4	50	1.62	4.8	50	5.97	4.3	
bern_8192_0.3_50_65	50	110.61	*	***	65	1035.16		
11	49.31	11	8.57	65	2924.42	50	6.21	50
6.27	50	9.01	50	26.00	50	1.58	3.9	50
0.99	6.3	50	1.61	5.6	50	6.26	4.2	
bern_8192_0.3_50_75	75	151.93	*	***	75	615.76		
32	49.19	11	7.95	75	2934.57	50	5.96	50
8.26	50	8.21	50	25.82	50	1.93	3.1	50
0.73	11.4	50	1.63	5.0	50	6.32	4.1	
bern_8192_0.3_50_100	100	186.69	*	***	100	216.71		
14	49.73	18	7.84	100	3016.97	50	6.39	50
7.66	50	7.80	100	32.20	50	1.07	6.0	50
0.99	7.7	50	1.63	4.8	100	7.68	4.2	
bern_8192_0.3_500_0	500	1303.29	*	***	500	13.02		
500	56.14	500	8.85	500	2937.43	500	5.88	500
4.95	500	10.87	500	19.61	500	1.58	3.7	500
1.38	3.6	500	1.73	6.3	500	4.30	4.6	
bern_8192_0.3_500_501	505	1225.31	*	***	505	13.78		
504	57.09	505	9.00	505	3078.00	505	6.01	505
11.91	505	14.98	505	27.83	505	1.99	3.0	505
1.14	10.5	505	1.80	8.3	505	5.29	5.3	
bern_8192_0.3_500_505	505	1196.58	*	***	505	13.67		
505	55.15	505	9.10	505	3007.98	501	5.91	501
12.61	501	16.52	501	26.11	501	1.89	3.1	501
1.18	10.7	501	1.76	9.4	501	5.61	4.7	
bern_8192_0.3_500_550	550	1314.95	*	***	550	13.60		
550	59.00	550	9.37	550	2961.05	504	3.25	504
11.94	504	14.86	504	25.76	504	2.04	1.6	504
1.12	10.6	504	1.85	8.0	504	5.61	4.6	
bern_8192_0.3_500_650	650	1744.15	*	***	650	14.61		
503	56.99	650	9.53	650	2970.32	504	3.44	504
8.46	504	15.41	650	26.88	504	2.21	1.6	504
1.12	7.6	504	1.80	8.6	650	5.57	4.8	
bern_8192_0.3_500_750	750	1834.90	*	***	750	13.26		
750	59.44	750	9.90	750	2980.19	508	4.03	508

7.16	508	15.86	750	27.05	508	1.40	2.9	508
1.00	7.2	508	1.85	8.6	750	5.39	5.0	
bern_8192_0.3_500_1000	1000		2655.62	*	***	1000	14.17	
1000	79.82	1000	11.89	1000	3013.40	1000	1.98	1000
3.43	1000	9.55	1000	18.53	1000	1.30	1.5	1000
0.67	5.1	1000	2.81	3.4	1000	3.26	5.7	
bern_8192_0.7_50_0	30		110.04	*	***	44	10018.63	
27	443.72	28	18.81	50	3249.55	50	26.18	50
25.29	50	47.38	50	152.57	50	1.97	13.3	50
2.01	12.6	50	3.83	12.4	50	15.14	10.1	
bern_8192_0.7_50_51	29		116.86	*	***	42	10017.91	
27	448.58	28	18.97	50	3223.55	50	27.58	50
25.22	50	46.93	50	150.59	50	1.97	14.0	50
1.96	12.9	50	3.83	12.3	50	15.29	9.8	
bern_8192_0.7_50_55	30		110.71	*	***	46	10017.81	
27	431.37	28	18.96	50	3354.79	50	27.69	50
28.18	50	46.67	50	150.45	50	1.96	14.1	50
2.17	13.0	50	3.83	12.2	50	15.51	9.7	
bern_8192_0.7_50_65	30		119.29	*	***	44	10018.31	
27	435.39	28	19.29	50	3272.99	50	26.78	50
25.24	50	47.38	50	150.90	50	1.97	13.6	50
2.26	11.2	50	3.83	12.4	50	15.56	9.7	
bern_8192_0.7_50_75	30		105.47	*	***	41	10018.41	
27	443.32	28	18.84	50	3254.76	50	25.97	50
25.46	50	47.36	50	148.91	50	1.97	13.2	50
2.26	11.3	50	3.81	12.4	50	15.75	9.5	
bern_8192_0.7_50_100	30		111.04	*	***	44	10019.17	
27	434.44	28	19.17	100	3295.81	50	25.82	50
26.41	50	47.31	50	152.34	50	2.20	11.8	50
2.67	9.9	50	3.83	12.4	50	15.29	10.0	
bern_8192_0.7_500_0	500		957.88	*	***	500	10018.48	
39	443.62	41	19.26	500	3178.81	500	11.09	500
12.39	500	32.83	500	87.34	500	2.38	4.7	500
2.38	5.2	500	3.18	10.3	500	9.78	8.9	
bern_8192_0.7_500_501	502		1027.22	*	***	502	10018.27	
31	447.54	151	19.03	502	3225.45	502	10.89	502
22.24	502	37.63	502	123.56	502	1.86	5.8	502
1.66	13.4	502	3.47	10.8	502	12.84	9.6	
bern_8192_0.7_500_505	504		1041.96	*	***	504	10018.15	
42	452.18	47	19.47	505	3288.59	504	11.41	504
24.66	504	38.75	504	122.27	504	2.16	5.3	504
2.21	11.2	504	3.25	11.9	504	13.00	9.4	
bern_8192_0.7_500_550	506		1017.69	*	***	506	10019.10	
71	464.48	109	19.43	550	3197.80	506	12.00	506
19.40	506	39.25	506	121.73	506	2.16	5.6	506
2.25	8.6	506	3.24	12.1	506	12.76	9.5	
bern_8192_0.7_500_650	507		1041.21	*	***	507	10019.60	
42	460.88	124	19.45	650	3339.50	507	12.88	507
15.37	507	38.61	650	120.77	507	2.24	5.8	507
1.80	8.5	507	2.99	12.9	650	12.35	9.8	
bern_8192_0.7_500_750	750		1429.71	*	***	750	9130.56	
63	483.49	100	19.78	750	3286.37	507	11.10	507
12.85	507	37.97	750	123.16	507	1.52	7.3	507
2.18	5.9	507	3.26	11.7	750	11.87	10.4	

bern_8192_0.7_500_1000	1000	1772.85	*	***	1000	311.64
696	482.35	329	19.81	1000	3259.27	509
14.61	509	40.76	1000	125.87	509	2.31
2.41	6.1	509	3.32	12.3	1000	12.13
bern_16384_0.3_50_0	12	107.42	*	***	48	10035.11
11	378.90	11	35.49	50	22511.61	50
22.18	50	35.08	50	127.89	50	3.89
3.89	5.7	50	11.89	2.9	50	25.43
bern_16384_0.3_50_51	50	219.00	*	***	49	10039.84
11	371.42	11	34.16	51	22547.36	50
21.12	50	34.72	50	116.20	50	5.06
3.88	5.4	50	9.66	3.6	50	25.07
bern_16384_0.3_50_55	50	189.89	*	***	49	10035.51
11	370.77	11	35.88	55	22671.66	50
22.24	50	34.84	50	124.37	50	5.19
3.81	5.8	50	12.61	2.8	50	23.11
bern_16384_0.3_50_65	13	144.93	*	***	48	10034.20
11	379.68	11	31.75	65	22105.06	50
20.91	50	35.05	50	127.93	50	7.83
3.85	5.4	50	13.64	2.6	50	22.72
bern_16384_0.3_50_75	12	142.55	*	***	48	10033.94
11	382.15	11	39.78	75	21765.82	50
22.86	50	34.65	50	127.45	50	7.83
3.67	6.2	50	9.22	3.8	50	25.03
bern_16384_0.3_50_100	13	107.42	*	***	49	10033.96
11	381.35	11	41.99	100	22338.35	50
21.21	50	34.93	50	128.51	50	7.28
6.52	3.3	50	8.88	3.9	50	24.53
bern_16384_0.3_500_0	500	2761.88	*	***	500	71.11
169	371.68	500	31.91	500	21695.98	500
12.84	500	25.67	500	66.35	500	5.95
5.96	2.2	500	9.11	2.8	500	16.00
bern_16384_0.3_500_501	501	2890.79	*	***	501	71.45
169	376.80	501	44.03	501	22056.05	500
17.75	500	26.53	500	93.01	500	6.61
5.99	3.0	500	9.04	2.9	500	19.03
bern_16384_0.3_500_505	500	2501.82	*	***	505	74.58
169	378.66	500	34.41	505	22799.42	500
22.35	500	26.51	500	90.86	500	6.12
5.51	4.1	500	8.99	3.0	500	20.94
bern_16384_0.3_500_550	550	2833.46	*	***	550	68.40
169	374.39	501	36.28	550	22369.52	501
18.13	501	37.94	550	89.77	501	6.53
5.35	3.4	501	10.67	3.6	550	19.77
bern_16384_0.3_500_650	650	3031.75	*	***	650	69.69
206	372.69	650	44.71	650	22352.39	501
18.20	501	27.44	650	89.70	501	6.00
5.37	3.4	501	7.40	3.7	650	19.14
bern_16384_0.3_500_750	750	4642.50	*	***	750	67.77
249	379.32	750	41.94	750	22116.52	503
16.38	503	32.73	750	90.72	503	5.18
4.82	3.4	503	9.18	3.6	750	19.53
bern_16384_0.3_500_1000	1000	5680.27	*	***	1000	68.80
1000	396.16	1000	34.32	1000	22375.44	1000

8.77	1000	23.76	1000	52.38	1000	3.20	2.7	1000
4.41	2.0	1000	10.51	2.3	1000	13.23	4.0	
bern_16384_0.7_50_0	32	284.07	*	***	37	10073.07		
29	3572.17	30	96.81	50	26274.78	50	130.01	37
134.03	50	230.35	50	712.30	50	11.10	11.7	37
11.39	11.8	50	22.60	10.2	50	92.71	7.7	
bern_16384_0.7_50_51	33	335.56	*	***	38	10073.94		
29	3410.80	30	102.25	50	24477.61	50	136.72	37
140.34	50	228.42	50	958.15	50	10.53	13.0	37
10.53	13.3	50	20.53	11.1	50	92.51	10.4	
bern_16384_0.7_50_55	32	347.08	*	***	35	10078.53		
29	3500.62	30	117.37	50	25019.26	50	134.46	37
143.42	50	219.77	50	717.85	50	10.10	13.3	37
11.44	12.5	50	20.21	10.9	50	92.93	7.7	
bern_16384_0.7_50_65	32	388.50	*	***	36	10076.02		
29	3448.97	30	79.66	50	24862.18	50	137.66	33
131.98	50	220.69	50	714.45	50	10.68	12.9	33
11.69	11.3	50	18.54	11.9	50	112.78	6.3	
bern_16384_0.7_50_75	33	368.49	*	***	36	10072.10		
29	3447.88	30	108.87	50	25914.48	50	146.67	32
132.11	50	230.77	50	1219.79	50	10.47	14.0	32
11.73	11.3	50	19.35	11.9	50	74.38	16.4	
bern_16384_0.7_50_100	32	358.10	*	***	34	10073.52		
29	3404.24	30	77.45	50	25249.57	50	129.24	37
136.67	50	226.16	50	960.93	50	10.62	12.2	37
11.79	11.6	50	18.70	12.1	50	77.54	12.4	
bern_16384_0.7_500_0	500	2741.35	*	***	500	10074.50		
30	3604.69	29	79.41	500	24697.37	500	50.25	500
50.97	500	126.94	500	375.61	500	7.01	7.2	500
7.21	7.1	500	10.28	12.3	500	30.54	12.3	
bern_16384_0.7_500_501	500	2218.76	*	***	500	10074.31		
30	3466.73	29	77.48	501	23896.98	500	51.84	500
55.78	500	131.89	500	529.58	500	7.02	7.4	500
7.81	7.1	500	9.97	13.2	500	42.30	12.5	
bern_16384_0.7_500_505	500	2581.12	*	***	500	10073.74		
30	3577.00	30	87.65	505	23964.58	500	51.72	500
53.21	500	127.30	500	525.80	500	7.69	6.7	500
8.12	6.6	500	12.03	10.6	505	40.85	12.9	
bern_16384_0.7_500_550	500	2851.96	*	***	500	10071.25		
29	3580.07	30	79.34	550	25665.82	500	58.79	500
53.27	500	127.32	550	517.01	500	7.83	7.5	500
7.66	7.0	500	15.41	8.3	550	42.85	12.1	
bern_16384_0.7_500_650	501	2636.78	*	***	501	10072.90		
44	3478.56	34	92.29	650	25708.39	501	56.99	501
52.83	501	126.81	650	506.74	501	6.67	8.5	501
5.59	9.5	501	14.15	9.0	650	40.39	12.5	
bern_16384_0.7_500_750	502	2926.23	*	***	502	10072.36		
30	3495.09	44	89.75	750	24078.23	502	55.72	502
52.70	502	129.34	750	512.34	502	7.64	7.3	502
8.06	6.5	502	16.34	7.9	750	40.35	12.7	
bern_16384_0.7_500_1000	1000	4746.36	*	***	982	10072.43		
38	3474.40	143	80.13	1000	23511.34	1000	51.05	1000
45.38	1000	123.85	1000	269.05	1000	6.50	7.9	1000
7.30	6.2	1000	14.54	8.5	1000	21.79	12.4	

bern_32768_0.3_50_0	13	416.35	*	***	*	***
12 3021.39	12 127.10	*	***	50	139.16	50
140.24	50 200.69	50	657.71	50	27.73	5.0 50
32.45	4.3 50	37.40	5.4	50	107.10	6.1
bern_32768_0.3_50_51	13	337.14	*	***	*	***
12 2892.16	12 125.69	*	***	50	166.58	50
129.25	50 210.15	50	663.40	50	27.68	6.0 50
20.60	6.3 50	32.91	6.4	49	117.53	5.6
bern_32768_0.3_50_55	13	414.50	*	***	*	***
12 2846.50	12 138.61	*	***	50	128.24	50
156.26	50 201.12	50	605.03	50	29.44	4.4 50
27.86	5.6 50	44.13	4.6	50	121.36	5.0
bern_32768_0.3_50_65	12	427.03	*	***	*	***
12 2965.15	12 167.28	*	***	50	131.35	50
128.90	50 195.90	50	632.58	50	34.17	3.8 50
46.73	2.8 50	34.76	5.6	50	119.06	5.3
bern_32768_0.3_50_75	12	412.59	*	***	*	***
12 2862.35	12 125.67	*	***	50	150.57	50
129.24	50 197.46	50	641.05	50	28.37	5.3 50
22.65	5.7 50	41.27	4.8	50	117.26	5.5
bern_32768_0.3_50_100	12	359.71	*	***	*	***
12 2862.53	12 181.22	*	***	50	128.98	50
136.08	50 195.12	50	613.67	50	29.53	4.4 50
36.63	3.7 50	28.67	6.8	50	118.78	5.2
bern_32768_0.3_500_0	500	8365.22	*	***	*	***
143 3046.00	500 140.16	*	***	500	53.72	500
46.17	500 100.62	500	309.90	500	21.43	2.5 500
28.78	1.6 500	23.56	4.3	500	68.54	4.5
bern_32768_0.3_500_501	500	7341.68	*	***	*	***
143 3045.26	500 164.98	*	***	500	46.52	500
51.14	500 123.81	500	415.72	500	19.81	2.3 500
22.45	2.3 500	25.27	4.9	501	77.06	5.4
bern_32768_0.3_500_505	505	9607.29	*	***	*	***
167 3001.01	500 145.03	*	***	500	42.62	500
67.01	500 108.85	500	395.60	500	13.45	3.2 500
32.99	2.0 500	31.87	3.4	505	80.22	4.9
bern_32768_0.3_500_550	550	9959.34	*	***	*	***
167 3045.91	500 159.67	*	***	500	46.36	500
88.66	500 105.51	550	395.22	500	23.05	2.0 500
15.40	5.8 500	33.36	3.2	550	86.16	4.6
bern_32768_0.3_500_650	501	7361.62	*	***	*	***
143 2854.75	650 164.70	*	***	501	105.59	501
50.12	501 99.64	650	409.26	501	19.10	5.5 501
11.38	4.4 501	29.99	3.3	650	86.69	4.7
bern_32768_0.3_500_750	750	9272.64	*	***	*	***
240 2998.10	750 128.52	*	***	500	43.35	500
54.26	500 124.02	750	384.75	500	17.17	2.5 500
32.35	1.7 500	31.75	3.9	750	86.23	4.5
bern_32768_0.3_500_1000	1000	14844.69	*	***	*	***
143 3021.77	1000 146.55	*	***	501	64.56	501
49.43	501 115.14	1000	461.34	501	18.59	3.5 501
32.57	1.5 501	31.32	3.7	1000	80.22	5.8
bern_32768_0.7_50_0	34	1104.04	*	***	*	***
31 27891.17	31 387.22	*	***	27	730.13	27

762.32	33	1196.31	33	20663.30	27	55.33	13.2	27
57.02	13.4	33	85.63	14.0	32	1434.42	14.4	
bern_32768_0.7_50_51		34	1211.51	*	***	*	***	
31_27070.22	31	321.23	*	***	27	730.59	27	
792.80	30	1182.92	33	20744.56	27	53.98	13.5	27
56.77	14.0	32	79.97	14.8	34	1434.74	14.5	
bern_32768_0.7_50_55		34	1179.13	*	***	*	***	
31_27334.01	31	374.86	*	***	27	777.67	27	
812.73	31	1168.19	33	20631.88	27	50.21	15.5	27
63.88	12.7	31	84.04	13.9	33	1440.29	14.3	
bern_32768_0.7_50_65		34	1160.96	*	***	*	***	
31_27391.63	31	321.63	*	***	27	777.76	27	
756.07	33	1159.45	34	20500.03	27	53.01	14.7	27
58.09	13.0	32	88.59	13.1	35	1434.28	14.3	
bern_32768_0.7_50_75		34	1146.93	*	***	*	***	
31_27052.40	31	344.48	*	***	29	750.77	28	
737.75	30	1284.89	33	20574.63	29	50.74	14.8	28
64.00	11.5	30	86.17	14.9	33	1441.15	14.3	
bern_32768_0.7_50_100		34	1466.67	*	***	*	***	
31_27041.09	32	343.28	*	***	27	758.32	27	
743.78	31	1276.26	34	20941.40	27	53.32	14.2	27
64.87	11.5	32	86.75	14.7	34	1440.59	14.5	
bern_32768_0.7_500_0		500	4676.45	*	***	*	***	
31_26801.24	31	339.36	*	***	500	303.20	500	
305.57	500	642.25	500	1706.56	500	30.36	10.0	500
38.71	7.9	500	57.66	11.1	500	135.11	12.6	
bern_32768_0.7_500_501		500	7016.77	*	***	*	***	
31_28183.81	32	353.05	*	***	500	314.66	500	
309.19	500	631.56	500	2495.41	500	31.74	9.9	500
39.73	7.8	500	56.99	11.1	501	197.56	12.6	
bern_32768_0.7_500_505		500	6202.46	*	***	*	***	
31_26824.83	31	343.11	*	***	500	306.54	500	
312.45	500	647.49	500	2491.93	500	34.49	8.9	500
39.86	7.8	500	58.42	11.1	505	199.06	12.5	
bern_32768_0.7_500_550		500	6869.97	*	***	*	***	
31_28061.59	32	366.58	*	***	500	315.62	500	
315.11	500	644.62	550	2485.04	500	27.64	11.4	500
40.18	7.8	500	57.79	11.2	550	196.97	12.6	
bern_32768_0.7_500_650		501	7970.50	*	***	*	***	
31_27077.42	31	373.70	*	***	501	319.52	501	
308.87	501	647.98	650	2419.08	501	27.08	11.8	501
39.03	7.9	501	55.54	11.7	650	191.26	12.6	
bern_32768_0.7_500_750		500	8808.52	*	***	*	***	
32_26982.95	32	338.99	*	***	500	316.99	500	
306.78	500	657.17	750	2373.70	500	30.70	10.3	500
38.43	8.0	500	58.54	11.2	750	187.87	12.6	
bern_32768_0.7_500_1000		1000	12820.52	*	***	*	***	
31_27037.36	33	345.58	*	***	1000	316.41	1000	
295.06	1000	603.39	1000	1250.70	1000	29.80	10.6	1000
37.21	7.9	1000	52.88	11.4	1000	106.00	11.8	