Table 1: Runtime comparison of competing model counters

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1	BN_80.erg.cnf	16199	43644	ТО	ТО	ТО	4664.37
2	BN_83.erg.cnf	16926	46720	ТО	ТО	ТО	4346.06
3	Network.50-20-9-q.cnf	1920	1728	ТО	ТО	ТО	4335.15
4	Family2Dominant.1.5loci.uai.cnf	1215	1607	ТО	ТО	ТО	4274.96
5	Family2Dominant.20.5loci.uai.cnf	1215	1607	ТО	ТО	ТО	4224.06
6	Pedigree_12.uai.cnf	1215	1607	ТО	ТО	ТО	4202.08
7	Pedigree_11.uai.cnf	1215	1607	ТО	ТО	ТО	4121.18
8	Network.90-38-8-q.cnf	7068	2265	4000.37	1.64	ТО	3986.17
9	cpcs360b.erg.cnf	17140	47013	4205.60	ТО	ТО	3947.29
10	Network.50-20-3-q.cnf	1920	1910	ТО	ТО	ТО	3760.50
11	Handmade.lang12.cnf	576	5102	3912.05	38.40	ТО	3553.84
12	Network.75-24-6-q.cnf	2784	1693	ТО	ТО	ТО	3473.38
13	Network.90-38-5-q.cnf	7068	2301	ТО	1.00	ТО	3430.55
14	Network.75-23-1-q.cnf	2553	1527	ТО	126.65	ТО	3275.83
15	min-8s.cnf	1129	2250	3422.93	ТО	ТО	3170.99
16	Network.50-20-6-q.cnf	1920	1966	ТО	ТО	ТО	3081.51
17	Network.75-24-3-q.cnf	2784	1682	ТО	ТО	ТО	2780.54
18	${\rm random.wff.} 3.100.150.{\rm cnf}$	100	150	1823.02	ТО	ТО	2555.36
19	rbm_22.uai.cnf	1144	2068	1581.13	ТО	ТО	2528.17
20	DBN_13.uai_no_w.cnf	1144	2068	1580.69	ТО	ТО	2504.04
21	DBN_13.uai.cnf	1144	2068	1566.94	ТО	ТО	2499.77
22	rbm_22.uai	1144	2068	1583.61	ТО	ТО	2498.55
23	rbm_ferro_22.uai.cnf	1144	2068	1467.01	ТО	ТО	2464.93
24	rbm_ferro_22.uai	1144	2068	1498.10	ТО	ТО	2446.48
25	DBN_16.uai_no_w.cnf	1144	2068	1484.82	ТО	ТО	2442.84
26	$\mathrm{DBN}_{-}16.\mathrm{uai.cnf}$	1144	2068	1514.54	ТО	ТО	2442.67
27	or_chain_212.fg.uai.cnf	3135	3773	ТО	ТО	ТО	2439.11
28	Network.75-23-5-q.cnf	2553	1530	ТО	62.08	ТО	2295.82
29	Configuration.C210_FW.cnf	2024	4461	2031.40	ТО	ТО	2111.23
30	Network.90-42-6-q.cnf	8652	2916	3107.83	16.35	ТО	2107.30
31	Network.90-34-3-q.cnf	5644	1783	2753.58	3.48	ТО	2012.71
32	GEOM30a_5.wcsp.uai.cnf	312	2355	1973.90	ТО	ТО	1996.59
33	grid10x10.f5.wrap.uai.cnf	800	1100	1158.16	ТО	ТО	1811.23

35	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
36 Grids.11.uai.cnf 800 1100 1151.22 TO TO 1761.12 37 Grids.13.uai.cnf 800 1100 1109.12 TO TO 1753.52 38 grid10x10.fl0.wrap.uai.cnf 800 1100 1109.91 TO TO 1750.95 39 Network.75-22-10-q.cnf 2332 1333 TO 35.02 TO 1712.10 40 Handmade.ais12.cnf 265 4269 2558.65 340.02 TO 1628.15 41 Network.90-34-10-q.cnf 5644 1941 1555.02 1.99 TO 1450.15 42 Configuration.C202.FS.cnf 1990 4016 1556.36 335.35 TO 1429.06 43 Network.59-22-7-q.cnf 2332 1620 TO 388.70 TO 1427.80 44 Configuration.C202.FW.cnf 2332 1620 TO 388.70 TO 1344.87 45 or.chain.4.fg.uai.cnf 2818 3396 2077.44<	l .							
37			800	1100				
Section Sect	l .	Grids_11.uai.cnf	800	1100	1151.22			
Network.75-22-10-q.cnf 2332 1333 TO 35.02 TO 1712.10	l .		800	1100	1109.12			
Handmade.ais12.cnf 265 4269 2558.65 340.02 TO 1628.15	l .		800	1100				
Network.90-34-10-q.cnf 5644 1941 1555.02 1.99 TO 1450.15				1333				
42 Configuration.C202_FS.cnf 1990 4016 1556.36 335.35 TO 1429.06 43 Network.75-22-7-q.cnf 2332 1620 TO 388.70 TO 1427.80 44 Configuration.C202_FW.cnf 2038 4649 1237.38 TO TO 1364.87 45 or.chain.4fg.uai.cnf 2818 3396 2077.44 TO TO 1349.88 46 07A-3.cnf 7709 19952 487.73 534.52 TO 1231.45 47 rbm.21.uai 1050 1890 761.28 TO TO 1195.85 48 Network.50-20-8-q.cnf 1920 1929 TO TO TO 1195.85 48 Network.50-20-8-q.cnf 1920 1929 TO TO TO 1195.85 48 Network.50-20-8-q.cnf 1920 1929 TO TO TO 1195.38 49 B.N.85.erg.cnf 14105 39913 1238.07 TO <	40	Handmade.ais12.cnf	265	4269	2558.65	340.02		1628.15
43 Network.75-22-7-q.cnf 2332 1620 TO 388.70 TO 1427.80 44 Configuration.C202.FW.cnf 2038 4649 1237.38 TO TO 1364.87 45 or.chain.4.fg.uai.cnf 2818 3396 2077.44 TO TO 1349.88 46 07A-3.cnf 7709 19952 487.73 534.52 TO 1231.45 47 rbm.21.uai 1050 1890 761.28 TO TO 1195.85 48 Network.50-20-8-q.cnf 1920 1929 TO TO TO 1195.38 49 BN.85.erg.cnf 14105 39913 1238.07 TO TO 1184.35 50 Configuration.C210.FS.cnf 1990 4158 104.00 391.04 TO 1183.31 51 rbm.ferro.21.uai.cnf 1050 1890 699.69 TO TO 1182.01 52 DBN.12.uai.cnf 1050 1890 723.41 TO <t< td=""><td>41</td><td></td><td>5644</td><td>1941</td><td>1555.02</td><td>1.99</td><td></td><td>1450.15</td></t<>	41		5644	1941	1555.02	1.99		1450.15
44 Configuration.C202.FW.cnf 2038 4649 1237.38 TO TO 1364.87 45 or.chain.4.fg.uai.cnf 2818 3396 2077.44 TO TO 1349.88 46 07A-3.cnf 7709 19952 487.73 534.52 TO 1231.45 47 rbm.21.uai 1050 1890 761.28 TO TO 1195.85 48 Network.50-20-8-q.cnf 1920 1929 TO TO TO 1195.38 49 BN.85.erg.cnf 14105 39913 1238.07 TO TO 1184.35 50 Configuration.C210.FS.cnf 1990 4158 1040.00 391.04 TO 1183.31 51 rbm.21.uai.cnf 1050 1890 699.69 TO TO 1182.01 52 DBN.12.uai.cnf 1050 1890 723.41 TO TO 1177.26 54 DBN.12.uai.cnf 1050 1890 731.30 TO TO		Configuration.C202_FS.cnf	1990	4016		335.35		1429.06
45 or.chain.4.fg.uai.cnf 2818 3396 2077.44 TO TO 1349.88 46 07A-3.cnf 7709 19952 487.73 534.52 TO 1231.45 47 rbm.21.uai 1050 1890 761.28 TO TO 1195.85 48 Network.50-20-8-q.cnf 1920 1929 TO TO TO 1195.38 49 BN.85.erg.cnf 14105 39913 1238.07 TO TO 1195.38 50 Configuration.C210.FS.cnf 1990 4158 1040.00 391.04 TO 1184.35 51 rbm.ferro.21.uai.cnf 1050 1890 699.69 TO TO 1182.01 52 DBN.12.uai.cnf 1050 1890 723.41 TO TO 1179.62 53 rbm.21.uai.cnf 1050 1890 724.81 TO TO 1177.26 54 DBN.15.uai.no.w.cnf 1050 1890 731.30 TO TO	43	Network.75-22-7-q.cnf	2332	1620	ТО			1427.80
46 07A-3.cnf 7709 19952 487.73 534.52 TO 1231.45 47 rbm.21.uai 1050 1890 761.28 TO TO 1195.85 48 Network.50-20-8-q.cnf 1920 1929 TO TO TO 1195.88 49 BN.85.erg.cnf 14105 39913 1238.07 TO TO 1184.35 50 Configuration.C210.FS.cnf 1990 4158 1040.00 391.04 TO 1183.31 51 rbm.ferro.21.uai.cnf 1050 1890 699.69 TO TO 1182.01 52 DBN.12.uai.cnf 1050 1890 723.41 TO TO 1177.26 53 rbm.21.uai.cnf 1050 1890 724.81 TO TO 1177.26 54 DBN.15.uai.cnf 1050 1890 731.30 TO TO 1167.36 56 DBN.15.uai.cnf 1050 1890 705.59 TO TO 1153	44	Configuration.C202_FW.cnf	2038	4649	1237.38		ТО	1364.87
47 rbm.21.uai 1050 1890 761.28 TO TO 1195.85 48 Network.50-20-8-q.cnf 1920 1929 TO TO TO 1195.38 49 BN.85.erg.cnf 14105 39913 1238.07 TO TO 1184.35 50 Configuration.C210.FS.cnf 1990 4158 1040.00 391.04 TO 1183.31 51 rbm.ferro-21.uai.cnf 1050 1890 699.69 TO TO 1182.01 52 DBN.12.uai.cnf 1050 1890 723.41 TO TO 1179.62 53 rbm.21.uai.cnf 1050 1890 724.81 TO TO 1177.26 54 DBN.12.uai.cnf 1050 1890 731.30 TO TO 1168.70 55 DBN.15.uai.cnf 1050 1890 705.59 TO TO 1167.36 56 DBN.15.uai.cnf 1050 1890 705.59 TO TO 1153	45	or_chain_4.fg.uai.cnf	2818	3396	2077.44	ТО	ТО	1349.88
48 Network.50-20-8-q.cnf 1920 1929 TO TO TO 1195.38 49 BN_85.erg.cnf 14105 39913 1238.07 TO TO 1184.35 50 Configuration.C210_FS.cnf 1990 4158 1040.00 391.04 TO 1183.31 51 rbm.ferro_21.uai.cnf 1050 1890 699.69 TO TO 1182.01 52 DBN_12.uai.no_w.cnf 1050 1890 724.81 TO TO 1177.26 54 DBN_12.uai.cnf 1050 1890 731.30 TO TO 1168.70 55 DBN_15.uai.cnf 1050 1890 705.59 TO TO 1167.36 56 DBN_15.uai.cnf 1050 1890 680.27 TO TO 1167.36 57 rbm.ferro_21.uai 1050 1890 695.88 TO TO 1153.09 57 rbm.ferro_21.uai 1050 1890 695.88 TO TO	46	07A- $3.cnf$	7709	19952	487.73	534.52	ТО	1231.45
49 BN.85.erg.cnf 14105 39913 1238.07 TO TO 1184.35 50 Configuration.C210.FS.cnf 1990 4158 1040.00 391.04 TO 1183.31 51 rbm.ferro.21.uai.cnf 1050 1890 699.69 TO TO 1182.01 52 DBN.12.uai.no.w.cnf 1050 1890 723.41 TO TO 1177.26 53 rbm.21.uai.cnf 1050 1890 724.81 TO TO 1177.26 54 DBN.12.uai.cnf 1050 1890 731.30 TO TO 1168.70 55 DBN.15.uai.no.w.cnf 1050 1890 680.27 TO TO 1167.36 56 DBN.15.uai.cnf 1050 1890 705.59 TO TO 1167.36 57 rbm.ferro.21.uai 1050 1890 695.88 TO TO 1153.09 58 or_chain138.fg.uai.cnf 2805 3386 TO TO TO <td>47</td> <td></td> <td>1050</td> <td>1890</td> <td>761.28</td> <td></td> <td>ТО</td> <td>1195.85</td>	47		1050	1890	761.28		ТО	1195.85
50 Configuration.C210_FS.cnf 1990 4158 1040.00 391.04 TO 1183.31 51 rbm_ferro_21.uai.cnf 1050 1890 699.69 TO TO 1182.01 52 DBN_12.uai.no_w.cnf 1050 1890 723.41 TO TO 1179.62 53 rbm_21.uai.cnf 1050 1890 724.81 TO TO 1177.26 54 DBN_12.uai.cnf 1050 1890 731.30 TO TO 1168.70 55 DBN_15.uai.cnf 1050 1890 680.27 TO TO 1167.36 56 DBN_15.uai.cnf 1050 1890 705.59 TO TO 1153.09 57 rbm_ferro_21.uai 1050 1890 695.88 TO TO 1151.67 58 or_chain_138.fg.uai.cnf 2805 3386 TO TO TO 1140.44 59 Network.75-26-8-q.cnf 3276 1989 TO TO TO	48	Network.50-20-8-q.cnf	1920	1929	ТО	ТО	ТО	1195.38
51 rbm_ferro_21.uai.cnf 1050 1890 699.69 TO TO 1182.01 52 DBN_12.uai.no_w.cnf 1050 1890 723.41 TO TO 1179.62 53 rbm_21.uai.cnf 1050 1890 724.81 TO TO 1177.26 54 DBN_12.uai.cnf 1050 1890 731.30 TO TO 1168.70 55 DBN_15.uai.cnf 1050 1890 680.27 TO TO 1167.36 56 DBN_15.uai.cnf 1050 1890 705.59 TO TO 1153.09 57 rbm_ferro_21.uai 1050 1890 695.88 TO TO 1151.67 58 or_chain_138.fg.uai.cnf 2805 3386 TO TO TO 1140.44 59 Network.75-26-8-q.cnf 3276 1989 TO TO TO 1126.58 60 Network.75-21-q.cnf 2121 1376 TO 148.11 TO 1	49	$\mathrm{BN}_85.\mathrm{erg.cnf}$	14105	39913	1238.07	ТО	ТО	1184.35
52 DBN_12.uai.no_w.cnf 1050 1890 723.41 TO TO 1179.62 53 rbm_21.uai.cnf 1050 1890 724.81 TO TO 1177.26 54 DBN_12.uai.cnf 1050 1890 731.30 TO TO 1168.70 55 DBN_15.uai.no_w.cnf 1050 1890 680.27 TO TO 1167.36 56 DBN_15.uai.cnf 1050 1890 705.59 TO TO 1153.09 57 rbm_ferro_21.uai 1050 1890 695.88 TO TO 1151.67 58 or_chain_138.fg.uai.cnf 2805 3386 TO TO TO 1140.44 59 Network.75-26-8-q.cnf 3276 1989 TO TO TO 1126.58 60 Network.75-21-6-q.cnf 2121 1376 TO 148.11 TO 1123.31 61 Network.75-24-8-q.cnf 2784 1518 TO 94.54 TO	50	Configuration.C210_FS.cnf	1990	4158	1040.00	391.04	ТО	1183.31
53 rbm_21.uai.cnf 1050 1890 724.81 TO TO 1177.26 54 DBN_12.uai.cnf 1050 1890 731.30 TO TO 1168.70 55 DBN_15.uai.no_w.cnf 1050 1890 680.27 TO TO 1167.36 56 DBN_15.uai.cnf 1050 1890 705.59 TO TO 1153.09 57 rbm_ferro_21.uai 1050 1890 695.88 TO TO 1151.67 58 or_chain_138.fg.uai.cnf 2805 3386 TO TO TO 1140.44 59 Network.75-26-8-q.cnf 3276 1989 TO TO TO 1126.58 60 Network.75-21-6-q.cnf 2121 1376 TO 148.11 TO 1123.31 61 Network.75-20-7-q.cnf 1920 1264 TO 94.54 TO 1089.26 62 Network.75-24-8-q.cnf 2784 1518 TO 38.97 TO	51		1050	1890	699.69		ТО	1182.01
54 DBN_12.uai.cnf 1050 1890 731.30 TO TO 1168.70 55 DBN_15.uai.no_w.cnf 1050 1890 680.27 TO TO 1167.36 56 DBN_15.uai.cnf 1050 1890 705.59 TO TO 1153.09 57 rbm_ferro_21.uai 1050 1890 695.88 TO TO 1151.67 58 or_chain_138.fg.uai.cnf 2805 3386 TO TO TO 1140.44 59 Network.75-26-8-q.cnf 3276 1989 TO TO TO 1126.58 60 Network.75-21-6-q.cnf 2121 1376 TO 148.11 TO 1123.31 61 Network.75-20-7-q.cnf 1920 1264 TO 94.54 TO 1089.26 62 Network.75-24-8-q.cnf 2784 1518 TO 38.97 TO 1049.90 63 Network.50-16-1-q.cnf 1216 1175 TO TO TO	52	DBN_12.uai_no_w.cnf	1050	1890	723.41		ТО	1179.62
55 DBN_15.uai_no_w.cnf 1050 1890 680.27 TO TO 1167.36 56 DBN_15.uai_cnf 1050 1890 705.59 TO TO 1153.09 57 rbm_ferro_21.uai 1050 1890 695.88 TO TO 1151.67 58 or_chain_138.fg.uai.cnf 2805 3386 TO TO TO 1140.44 59 Network.75-26-8-q.cnf 3276 1989 TO TO TO 1126.58 60 Network.75-21-6-q.cnf 2121 1376 TO 148.11 TO 1123.31 61 Network.75-20-7-q.cnf 1920 1264 TO 94.54 TO 1089.26 62 Network.75-24-8-q.cnf 2784 1518 TO 38.97 TO 1049.90 63 Network.50-16-1-q.cnf 1216 1175 TO TO TO 1027.40 64 Network.50-20-4-q.cnf 1920 1883 TO TO TO	53	rbm_21.uai.cnf	1050	1890	724.81		ТО	1177.26
56 DBN_15.uai.cnf 1050 1890 705.59 TO TO 1153.09 57 rbm_ferro_21.uai 1050 1890 695.88 TO TO 1151.67 58 or_chain_138.fg.uai.cnf 2805 3386 TO TO TO 1140.44 59 Network.75-26-8-q.cnf 3276 1989 TO TO TO 1126.58 60 Network.75-21-6-q.cnf 2121 1376 TO 148.11 TO 1123.31 61 Network.75-20-7-q.cnf 1920 1264 TO 94.54 TO 1089.26 62 Network.75-24-8-q.cnf 2784 1518 TO 38.97 TO 1049.90 63 Network.50-16-1-q.cnf 1216 1175 TO TO TO 1027.40 64 Network.50-20-4-q.cnf 1920 1883 TO TO TO 1013.06 65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO <td>54</td> <td>DBN_12.uai.cnf</td> <td>1050</td> <td>1890</td> <td>731.30</td> <td></td> <td>ТО</td> <td>1168.70</td>	54	DBN_12.uai.cnf	1050	1890	731.30		ТО	1168.70
57 rbm_ferro_21.uai 1050 1890 695.88 TO TO 1151.67 58 or_chain_138.fg.uai.cnf 2805 3386 TO TO TO 1140.44 59 Network.75-26-8-q.cnf 3276 1989 TO TO TO 1126.58 60 Network.75-21-6-q.cnf 2121 1376 TO 148.11 TO 1123.31 61 Network.75-20-7-q.cnf 1920 1264 TO 94.54 TO 1089.26 62 Network.75-24-8-q.cnf 2784 1518 TO 38.97 TO 1049.90 63 Network.50-16-1-q.cnf 1216 1175 TO TO 1027.40 64 Network.50-20-4-q.cnf 1920 1883 TO TO TO 1013.06 65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO 1010.51 66 min-6s.cnf 839 1679 TO 468.00 TO 984.48 <td>55</td> <td>DBN_15.uai_no_w.cnf</td> <td>1050</td> <td>1890</td> <td>680.27</td> <td></td> <td>ТО</td> <td>1167.36</td>	55	DBN_15.uai_no_w.cnf	1050	1890	680.27		ТО	1167.36
58 or_chain_138.fg.uai.cnf 2805 3386 TO TO TO 1140.44 59 Network.75-26-8-q.cnf 3276 1989 TO TO TO 1126.58 60 Network.75-21-6-q.cnf 2121 1376 TO 148.11 TO 1123.31 61 Network.75-20-7-q.cnf 1920 1264 TO 94.54 TO 1089.26 62 Network.75-24-8-q.cnf 2784 1518 TO 38.97 TO 1049.90 63 Network.50-16-1-q.cnf 1216 1175 TO TO TO 1027.40 64 Network.50-20-4-q.cnf 1920 1883 TO TO TO 1013.06 65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO 1010.51 66 min-6s.cnf 839 1679 TO TO 984.48 67 Network.75-21-7-q.cnf 2121 1355 TO 468.00 TO 984.48 <td>56</td> <td>$\mathrm{DBN}_{-}15.\mathrm{uai.cnf}$</td> <td>1050</td> <td>1890</td> <td>705.59</td> <td></td> <td>ТО</td> <td>1153.09</td>	56	$\mathrm{DBN}_{-}15.\mathrm{uai.cnf}$	1050	1890	705.59		ТО	1153.09
59 Network.75-26-8-q.cnf 3276 1989 TO TO TO 1126.58 60 Network.75-21-6-q.cnf 2121 1376 TO 148.11 TO 1123.31 61 Network.75-20-7-q.cnf 1920 1264 TO 94.54 TO 1089.26 62 Network.75-24-8-q.cnf 2784 1518 TO 38.97 TO 1049.90 63 Network.50-16-1-q.cnf 1216 1175 TO TO TO 1027.40 64 Network.50-20-4-q.cnf 1920 1883 TO TO TO 1013.06 65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO 1010.51 66 min-6s.cnf 839 1679 TO TO 138.83 993.95 67 Network.75-21-7-q.cnf 2121 1355 TO 468.00 TO 984.48	57	rbm_ferro_21.uai	1050	1890	695.88		ТО	1151.67
60 Network.75-21-6-q.cnf 2121 1376 TO 148.11 TO 1123.31 61 Network.75-20-7-q.cnf 1920 1264 TO 94.54 TO 1089.26 62 Network.75-24-8-q.cnf 2784 1518 TO 38.97 TO 1049.90 63 Network.50-16-1-q.cnf 1216 1175 TO TO TO 1027.40 64 Network.50-20-4-q.cnf 1920 1883 TO TO TO 1013.06 65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO 1010.51 66 min-6s.cnf 839 1679 TO TO 138.83 993.95 67 Network.75-21-7-q.cnf 2121 1355 TO 468.00 TO 984.48	58	or_chain_138.fg.uai.cnf	2805	3386			ТО	1140.44
61 Network.75-20-7-q.cnf 1920 1264 TO 94.54 TO 1089.26 62 Network.75-24-8-q.cnf 2784 1518 TO 38.97 TO 1049.90 63 Network.50-16-1-q.cnf 1216 1175 TO TO TO 1027.40 64 Network.50-20-4-q.cnf 1920 1883 TO TO TO 1013.06 65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO 1010.51 66 min-6s.cnf 839 1679 TO TO 138.83 993.95 67 Network.75-21-7-q.cnf 2121 1355 TO 468.00 TO 984.48	59	Network.75-26-8-q.cnf	3276	1989	ТО	ТО	ТО	1126.58
62 Network.75-24-8-q.cnf 2784 1518 TO 38.97 TO 1049.90 63 Network.50-16-1-q.cnf 1216 1175 TO TO TO 1027.40 64 Network.50-20-4-q.cnf 1920 1883 TO TO TO 1013.06 65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO 1010.51 66 min-6s.cnf 839 1679 TO TO 138.83 993.95 67 Network.75-21-7-q.cnf 2121 1355 TO 468.00 TO 984.48	60	Network.75-21-6-q.cnf	2121	1376	ТО	148.11	ТО	1123.31
63 Network.50-16-1-q.cnf 1216 1175 TO TO TO 1027.40 64 Network.50-20-4-q.cnf 1920 1883 TO TO TO 1013.06 65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO 1010.51 66 min-6s.cnf 839 1679 TO TO 138.83 993.95 67 Network.75-21-7-q.cnf 2121 1355 TO 468.00 TO 984.48	61	Network.75-20-7-q.cnf	1920	1264	ТО	94.54	ТО	1089.26
64 Network.50-20-4-q.cnf 1920 1883 TO TO TO 1013.06 65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO 1010.51 66 min-6s.cnf 839 1679 TO TO 138.83 993.95 67 Network.75-21-7-q.cnf 2121 1355 TO 468.00 TO 984.48	62	Network.75-24-8-q.cnf	2784	1518	ТО	38.97	ТО	1049.90
65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO 1010.51 66 min-6s.cnf 839 1679 TO TO 138.83 993.95 67 Network.75-21-7-q.cnf 2121 1355 TO 468.00 TO 984.48	63		1216	1175	ТО		ТО	1027.40
65 Network.75-25-1-q.cnf 3025 1704 TO 127.65 TO 1010.51 66 min-6s.cnf 839 1679 TO TO 138.83 993.95 67 Network.75-21-7-q.cnf 2121 1355 TO 468.00 TO 984.48	64	Network.50-20-4-q.cnf	1920	1883		ТО		1013.06
67 Network.75-21-7-q.cnf 2121 1355 TO 468.00 TO 984.48	65		3025	1704	ТО	127.65	ТО	1010.51
	66	min-6s.cnf	839	1679	ТО	ТО	138.83	993.95
68 Network.50-20-2-q.cnf 1920 1855 TO TO TO 976.98		Network.75-21-7-q.cnf	2121	1355	ТО	468.00		984.48
	68	Network. 50-20-2-q.cnf	1920	1855	ТО	ТО	ТО	976.98

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
69	Network.50-18-1-q.cnf	1548	1510	ТО	ТО	ТО	946.38
70	Network.50-20-1-q.cnf	1920	1839	ТО	ТО	ТО	934.11
71	Network.50-18-8-q.cnf	1548	1440	ТО	ТО	ТО	906.13
72	Network.75-24-1-q.cnf	2784	1792	ТО	ТО	ТО	850.96
73	Network.75-22-9-q.cnf	2332	1392	ТО	91.58	ТО	807.91
74	Network.75-19-4-q.cnf	1729	1082	ТО	9.18	ТО	792.17
75	Network.75-22-6-q.cnf	2332	1466	ТО	133.93	ТО	783.45
76	Network.50-18-5-q.cnf	1548	1566	ТО	ТО	ТО	780.33
77	circuit.c2670.isc.cnf	1230	1791	578.97	5.17	91.57	753.58
78	$\mathrm{BN}_10.\mathrm{erg.cnf}$	1136	1051	684.26	ТО	ТО	733.73
79	Network.50-18-7-q.cnf	1548	1539	ТО	ТО	ТО	728.35
80	Network.75-24-10-q.cnf	2784	1691	ТО	529.05	ТО	706.93
81	BN_38.erg.cnf	3870	3624	470.28	33.87	ТО	705.76
82	Network.75-25-5-q.cnf	3025	1912	ТО	ТО	ТО	686.31
83	Network.75-22-8-q.cnf	2332	1387	ТО	176.35	ТО	670.85
84	Network.50-18-9-q.cnf	1548	1438	ТО	ТО	ТО	650.25
85	Network.50-18-10-q.cnf	1548	1622	ТО	ТО	ТО	636.64
86	Network.75-23-4-q.cnf	2553	1663	ТО	312.26	ТО	626.15
87	Network.50-16-9-q.cnf	1216	1316	ТО	ТО	ТО	618.49
88	rbm_20.uai.cnf	960	1720	326.57	ТО	ТО	577.88
89	DBN_11.uai.cnf	960	1720	322.77	ТО	ТО	573.41
90	Network.75-20-8-q.cnf	1920	1215	ТО	46.79	ТО	570.43
91	rbm_20.uai	960	1720	324.35	ТО	ТО	566.50
92	DBN_11.uai_no_w.cnf	960	1720	323.28	ТО	ТО	565.69
93	Network.75-24-9-q.cnf	2784	1738	ТО	678.71	ТО	565.50
94	rbm_ferro_20.uai	960	1720	307.30	ТО	ТО	549.45
95	DBN_14.uai_no_w.cnf	960	1720	300.56	ТО	ТО	548.32
96	rbm_ferro_20.uai.cnf	960	1720	299.26	ТО	ТО	546.75
97	DBN_14.uai.cnf	960	1720	297.73	ТО	ТО	542.57
98	or_chain_220.fg.uai.cnf	2433	2950	1901.95	1307.16	ТО	535.43
99	$\mathrm{BN}_28.\mathrm{erg.cnf}$	119752	142257	507.10	ТО	ТО	535.28
100	Network.50-16-10-q.cnf	1216	1293	ТО	ТО	ТО	533.33
101	Network.75-19-5-q.cnf	1729	1064	ТО	10.17	ТО	524.59
102	circuit.c1908.isc.cnf	751	1218	557.45	35.45	1.18	518.00
103	Network.75-21-4-q.cnf	2121	1231	ТО	15.71	ТО	507.58
		•					

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
104	Network.50-18-3-q.cnf	1548	1456	ТО	ТО	TO	476.05
105	Network.75-20-6-q.cnf	1920	1128	ТО	34.19	ТО	462.76
106	Network.50-18-2-q.cnf	1548	1480	ТО	ТО	ТО	461.87
107	Network.75-24-4-q.cnf	2784	1547	ТО	74.45	ТО	448.20
108	Network.75-22-3-q.cnf	2332	1444	ТО	74.49	ТО	435.72
109	or_chain_186.fg.uai.cnf	4417	5129	1692.59	108.67	ТО	420.99
110	Configuration.C168_FW.cnf	1909	3668	407.69	104.49	ТО	418.88
111	Network.50-16-7-q.cnf	1216	1182	ТО	533.00	ТО	416.52
112	Network.75-20-3-q.cnf	1920	1230	ТО	9.36	ТО	381.22
113	Network.50-16-2-q.cnf	1216	1270	ТО	ТО	ТО	376.38
114	Network.75-23-2-q.cnf	2553	1485	ТО	69.64	ТО	365.76
115	Network.75-19-2-q.cnf	1729	1205	ТО	50.02	ТО	363.49
116	Network.75-24-5-q.cnf	2784	1678	ТО	ТО	ТО	357.58
117	Network.50-16-8-q.cnf	1216	1150	ТО	ТО	ТО	356.21
118	Network.50-16-5-q.cnf	1216	1214	ТО	ТО	ТО	350.64
119	or_chain_247.fg.uai.cnf	2644	3205	516.38	243.46	ТО	344.26
120	Network.75-21-10-q.cnf	2121	1314	ТО	72.77	ТО	340.63
121	Network.50-16-4-q.cnf	1216	1173	ТО	ТО	ТО	339.81
122	Network.50-18-6-q.cnf	1548	1415	ТО	ТО	ТО	338.09
123	Network.75-19-7-q.cnf	1729	1080	ТО	22.36	ТО	335.01
124	Network.75-21-8-q.cnf	2121	1284	ТО	83.53	ТО	334.71
125	Promedus_38.uai.cnf	2644	3205	489.07	229.63	ТО	332.20
126	Network.75-20-10-q.cnf	1920	1115	ТО	46.48	ТО	331.23
127	Network.75-23-8-q.cnf	2553	1438	ТО	173.38	ТО	316.11
128	Network.75-21-2-q.cnf	2121	1149	ТО	14.60	ТО	314.31
129	Network.90-50-8-q.cnf	12300	3826	ТО	3.60	ТО	307.76
130	Network.75-15-7-q.cnf	1065	646	320.26	1.70	ТО	303.17
131	Network.75-23-10-q.cnf	2553	1451	ТО	26.37	ТО	302.93
132	Network.75-22-4-q.cnf	2332	1463	ТО	ТО	ТО	302.15
133	Network.75-20-1-q.cnf	1920	1198	ТО	197.60	ТО	297.34
134	Network.75-19-3-q.cnf	1729	1136	ТО	44.95	ТО	293.44
135	${\rm random.wff.} 3.150.525.{\rm cnf}$	150	525	200.14	ТО	ТО	292.38
136	Network.50-16-6-q.cnf	1216	1179	ТО	383.49	ТО	291.24
137	Network.90-38-6-q.cnf	7068	2371	244.57	4.86	ТО	291.13
138	Network.75-23-9-q.cnf	2553	1576	ТО	205.94	ТО	287.55

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
139	Configuration.C220_FW.cnf	1932	3385	249.45	75.69	ТО	283.16
140	Network.75-21-3-q.cnf	2121	1342	ТО	122.42	ТО	282.41
141	Network.50-16-3-q.cnf	1216	1111	ТО	ТО	ТО	279.10
142	Network.75-19-10-q.cnf	1729	1080	ТО	15.42	ТО	276.57
143	Configuration.C208_FC.cnf	1922	4151	247.39	51.14	ТО	275.71
144	Network.75-22-1-q.cnf	2332	1416	ТО	98.95	ТО	274.51
145	Network.75-21-1-q.cnf	2121	1276	ТО	33.43	ТО	259.15
146	Network.75-20-9-q.cnf	1920	1154	ТО	15.94	ТО	250.21
147	02A-1.cnf	2226	5912	284.31	295.13	269.88	248.53
148	c1908.isc.cnf.uai.cnf	1502	1912	383.64	28.89	1.24	244.74
149	Network.50-14-2-q.cnf	924	898	ТО	36.47	ТО	242.46
150	Network.90-34-5-q.cnf	5644	1760	191.14	1.28	ТО	240.75
151	Network.75-20-2-q.cnf	1920	1192	ТО	71.17	ТО	240.65
152	Network.75-19-8-q.cnf	1729	1094	ТО	53.55	ТО	240.32
153	Network.75-19-1-q.cnf	1729	1076	ТО	8.82	ТО	232.50
154	$\mathrm{BN}_34.\mathrm{erg.cnf}$	3928	3597	81.77	1.47	ТО	227.38
155	Network.75-18-9-q.cnf	1548	938	ТО	17.14	ТО	227.26
156	Network.50-14-10-q.cnf	924	954	ТО	160.59	ТО	225.78
157	Network.75-18-8-q.cnf	1548	946	ТО	9.92	ТО	224.26
158	Network.75-18-10-q.cnf	1548	957	ТО	4.73	ТО	224.03
159	Network.50-10-1-q.cnf	460	481	154.03	3.68	288.98	224.03
160	logistics.logistics.c.cnf	1141	3124	226.46	292.98	ТО	223.48
161	Network.90-30-5-q.cnf	4380	1533	92.21	0.99	ТО	222.12
162	Network.75-18-3-q.cnf	1548	1071	ТО	49.40	ТО	214.68
163	or_chain_38.fg.uai.cnf	1613	1992	348.64	76.86	ТО	210.25
164	random.uf250-021.cnf	250	1065	147.51	66.39	ТО	207.74
165	Network.75-19-6-q.cnf	1729	1143	ТО	25.62	ТО	205.59
166	Promedus_14.uai.cnf	1613	1992	345.23	79.01	ТО	204.91
167	Network.75-18-5-q.cnf	1548	937	2971.16	2.91	ТО	203.45
168	Network.75-18-2-q.cnf	1548	929	ТО	11.81	ТО	195.58
169	min-3s.cnf	431	845	313.64	ТО	26.07	195.44
170	Network.50-14-6-q.cnf	924	851	ТО	37.20	ТО	195.10
171	Network.75-16-9-q.cnf	1216	851	2795.84	13.40	ТО	194.17
172	Network.75-18-6-q.cnf	1548	930	3034.85	6.70	ТО	193.78
173	Network.75-20-5-q.cnf	1920	1091	ТО	5.39	ТО	193.22

174	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
176	l .							
177	l .		924	910		346.02		191.84
178			1548	945	1902.58		ТО	191.44
Network.50-14-7-q.cnf 924 957 TO 82.02 TO 185.40	177			14504			3990.73	190.78
Network.50-14-9-q.cnf 924 952 TO 224.62 TO 184.96 181 Network.75-17-3-q.cnf 1377 880 TO 26.84 TO 184.04 182 Network.50-14-4-q.cnf 924 820 TO 30.38 TO 181.96 181.83 Network.75-16-5-q.cnf 1216 669 107.87 1.89 TO 179.58 184 Network.50-14-8-q.cnf 924 843 TO 25.66 TO 179.58 185 blasted_case18.cnf 579 1311 205.25 0.78 16.82 178.79 186 Network.50-14-1-q.cnf 924 932 TO 204.78 TO 177.83 187 Network.50-14-1-q.cnf 924 932 TO 204.78 TO 176.41 188 Network.50-12-3-q.cnf 672 668 TO 14.73 682.93 175.71 189 Network.50-12-4-q.cnf 672 667 TO 19.28 694.63 174.62 190 Network.75-16-2-q.cnf 1216 835 TO 12.98 TO 174.47 191 Network.75-17-8-q.cnf 1377 880 TO 4.15 TO 173.49 192 Network.75-10-q.cnf 1377 880 TO 4.15 TO 173.49 193 Network.75-10-q.cnf 1377 865 TO 3.01 TO 165.71 194 Network.75-16-q.cnf 1377 865 TO 3.01 TO 165.58 195 Network.75-17-1-q.cnf 1377 791 854.29 2.33 TO 163.32 197 Network.50-12-0-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.50-12-0-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.50-12-0-q.cnf 1377 854 TO 3.38 TO 160.72 201 Or.chain.29.fg.nai.cnf 2193 2668 652.08 185.77 TO 156.68 203 Network.50-12-0-q.cnf 1216 743 821.49 2.69 TO 158.66 203 Network.50-12-0-q.cnf 672 682 TO 2.00 719.81 157.39 204 Network.50-12-0-q.cnf 672 682 TO 2.00 719.81 157.39 204 Network.50-12-0-q.cnf 672 680 TO 7.09 706.76 153.88 207 Network.50-12-9-q.cnf 672 680 TO	178		1216					
Network.75-17-3-q.cnf 1377 880 TO 26.84 TO 184.04 182	l .							
Network.50-14-4-q.cnf 924 820 TO 30.38 TO 181.96	180	Network.50-14-9-q.cnf	924	952		224.62		184.96
183	181		1377	880				184.04
Network.50-14-8-q.cnf 924 843 TO 25.66 TO 179.58 185 blasted.case18.cnf 579 1311 205.25 0.78 16.82 178.79 186 Network.50-14-1-q.cnf 924 932 TO 204.78 TO 177.83 187 Network.75-17-6-q.cnf 1377 798 148.69 2.65 TO 176.41 188 Network.50-12-3-q.cnf 672 668 TO 14.73 682.93 175.71 189 Network.50-12-4-q.cnf 672 667 TO 19.28 694.63 174.62 190 Network.75-16-2-q.cnf 1216 835 TO 12.98 TO 174.47 191 Network.75-16-2-q.cnf 1377 880 TO 4.15 TO 173.49 192 Network.75-20-4-q.cnf 1920 1117 TO 13.76 TO 168.09 193 Network.75-17-1-q.cnf 1377 865 TO 3.01 TO 165.51 194 Network.90-30-8-q.cnf 1216 721 118.05 3.17 TO 165.58 195 Network.90-30-8-q.cnf 4380 1538 326.78 2.25 TO 165.03 196 Network.75-17-5-q.cnf 1377 791 854.29 2.33 TO 163.32 197 Network.50-12-10-q.cnf 672 687 TO 18.43 728.81 162.90 198 Network.50-10-2-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.50-10-2-q.cnf 1377 854 TO 3.38 TO 162.05 200 Network.75-16-7-q.cnf 1216 762 1441.62 2.92 TO 160.72 201 or_chain.29.fg.uai.cnf 2193 2668 652.08 185.77 TO 158.66 203 Network.50-12-7-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.50-12-9-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.50-12-9-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.50-12-9-q.cnf 672 688 TO 7.09 706.76 153.38 206 Network.50-12-9-q.cnf 672 680 TO 7.09 706.76 153.38 206 Network.50-12-8-q.cnf 672 685 TO 54.44 688.71 152.88 207 Network.50-12-8-q.cnf 672 675 575 478.99 2.18 729.96 152.04 207 Network.50-12-6-q.cnf 672 675 575 478.99 2.18 729.96 152.04 207 Network.50-12-6-q.cnf 672 675 575 478.99 2.18 729.96 152.04 207 207 207 207 207 207 207 207 207 207 207 2	182	Network.50-14-4-q.cnf	924	820	ТО	30.38	ТО	181.96
185	183	Network.75-16-5-q.cnf	1216	669		1.89		179.58
Network.50-14-1-q.cnf 924 932 TO 204.78 TO 177.83	184	Network.50-14-8-q.cnf	924	843	ТО	25.66	ТО	179.58
Network.75-17-6-q.cnf 1377 798 148.69 2.65 TO 176.41	185	$blasted_case18.cnf$	579	1311	205.25	0.78	16.82	178.79
188 Network.50-12-3-q.cnf 672 668 TO 14.73 682.93 175.71 189 Network.50-12-4-q.cnf 672 667 TO 19.28 694.63 174.62 190 Network.75-16-2-q.cnf 1216 835 TO 12.98 TO 174.47 191 Network.75-16-16-2-q.cnf 1377 880 TO 4.15 TO 173.49 192 Network.75-17-1-q.cnf 1377 80 TO 4.15 TO 168.09 193 Network.75-17-1-q.cnf 1377 865 TO 3.01 TO 165.71 194 Network.75-16-10-q.cnf 1216 721 118.05 3.17 TO 165.58 195 Network.90-30-8-q.cnf 4380 1538 326.78 2.25 TO 165.03 196 Network.75-17-5-q.cnf 1377 791 854.29 2.33 TO 163.32 197 Network.50-12-10-q.cnf 672 687 TO 18.	186	Network.50-14-1-q.cnf	924	932	ТО	204.78	ТО	177.83
Network.50-12-4-q.cnf 672 667 TO 19.28 694.63 174.62	187	Network.75-17-6-q.cnf	1377	798	148.69	2.65	ТО	176.41
Network.75-16-2-q.cnf 1216 835 TO 12.98 TO 174.47 191	188	Network.50-12-3-q.cnf	672	668	ТО	14.73	682.93	175.71
191 Network.75-17-8-q.cnf 1377 880 TO 4.15 TO 173.49 192 Network.75-20-4-q.cnf 1920 1117 TO 13.76 TO 168.09 193 Network.75-17-1-q.cnf 1377 865 TO 3.01 TO 165.71 194 Network.75-16-10-q.cnf 1216 721 118.05 3.17 TO 165.58 195 Network.90-30-8-q.cnf 4380 1538 326.78 2.25 TO 165.03 196 Network.75-17-5-q.cnf 1377 791 854.29 2.33 TO 163.32 197 Network.50-12-10-q.cnf 672 687 TO 18.43 728.81 162.90 198 Network.50-12-2-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.75-16-7-q.cnf 1377 854 TO 3.38 TO 162.05 200 Network.75-16-7-q.cnf 1216 762 1441.62	189	Network.50-12-4-q.cnf	672	667	ТО	19.28	694.63	174.62
192 Network.75-20-4-q.cnf 1920 1117 TO 13.76 TO 168.09 193 Network.75-17-1-q.cnf 1377 865 TO 3.01 TO 165.71 194 Network.75-16-10-q.cnf 1216 721 118.05 3.17 TO 165.58 195 Network.90-30-8-q.cnf 4380 1538 326.78 2.25 TO 165.03 196 Network.75-17-5-q.cnf 1377 791 854.29 2.33 TO 163.32 197 Network.50-12-10-q.cnf 672 687 TO 18.43 728.81 162.90 198 Network.50-10-2-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.75-16-7-q.cnf 1377 854 TO 3.38 TO 160.05 200 Network.75-16-7-q.cnf 1216 762 1441.62 2.92 TO 160.72 201 or_chain_29.fg.uai.cnf 2193 2668 652.08	190	Network.75-16-2-q.cnf	1216	835	ТО	12.98	ТО	174.47
193 Network.75-17-1-q.cnf 1377 865 TO 3.01 TO 165.71 194 Network.75-16-10-q.cnf 1216 721 118.05 3.17 TO 165.58 195 Network.90-30-8-q.cnf 4380 1538 326.78 2.25 TO 165.03 196 Network.50-17-17-5-q.cnf 1377 791 854.29 2.33 TO 163.32 197 Network.50-12-10-q.cnf 672 687 TO 18.43 728.81 162.90 198 Network.50-10-2-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.75-17-4-q.cnf 1377 854 TO 3.38 TO 162.05 200 Network.75-16-7-q.cnf 1216 762 1441.62 2.92 TO 160.72 201 or_chain_29.fg.uai.cnf 2193 2668 652.08 185.77 TO 159.06 202 Network.75-16-1-q.cnf 1216 743 821.4	191	Network.75-17-8-q.cnf	1377	880	ТО	4.15	ТО	173.49
194 Network.75-16-10-q.cnf 1216 721 118.05 3.17 TO 165.58 195 Network.90-30-8-q.cnf 4380 1538 326.78 2.25 TO 165.03 196 Network.75-17-5-q.cnf 1377 791 854.29 2.33 TO 163.32 197 Network.50-12-10-q.cnf 672 687 TO 18.43 728.81 162.90 198 Network.50-10-2-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.75-17-4-q.cnf 1377 854 TO 3.38 TO 162.05 200 Network.75-16-7-q.cnf 1216 762 1441.62 2.92 TO 160.72 201 or_chain_29.fg.uai.cnf 2193 2668 652.08 185.77 TO 159.06 202 Network.75-16-1-q.cnf 1216 743 821.49 2.69 TO 158.66 203 Network.50-12-7-q.cnf 672 682 TO <td>192</td> <td>Network.75-20-4-q.cnf</td> <td>1920</td> <td>1117</td> <td>ТО</td> <td>13.76</td> <td>ТО</td> <td>168.09</td>	192	Network.75-20-4-q.cnf	1920	1117	ТО	13.76	ТО	168.09
195 Network.90-30-8-q.cnf 4380 1538 326.78 2.25 TO 165.03 196 Network.75-17-5-q.cnf 1377 791 854.29 2.33 TO 163.32 197 Network.50-12-10-q.cnf 672 687 TO 18.43 728.81 162.90 198 Network.50-10-2-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.75-17-4-q.cnf 1377 854 TO 3.38 TO 162.05 200 Network.75-16-7-q.cnf 1216 762 1441.62 2.92 TO 160.72 201 or_chain_29.fg.uai.cnf 2193 2668 652.08 185.77 TO 159.06 202 Network.75-16-1-q.cnf 1216 743 821.49 2.69 TO 158.66 203 Network.50-12-7-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.50-12-9-q.cnf 672 680 TO <td>193</td> <td>Network.75-17-1-q.cnf</td> <td>1377</td> <td>865</td> <td>ТО</td> <td>3.01</td> <td>ТО</td> <td>165.71</td>	193	Network.75-17-1-q.cnf	1377	865	ТО	3.01	ТО	165.71
196 Network.75-17-5-q.cnf 1377 791 854.29 2.33 TO 163.32 197 Network.50-12-10-q.cnf 672 687 TO 18.43 728.81 162.90 198 Network.50-10-2-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.75-17-4-q.cnf 1377 854 TO 3.38 TO 162.05 200 Network.75-16-7-q.cnf 1216 762 1441.62 2.92 TO 160.72 201 or_chain_29.fg.uai.cnf 2193 2668 652.08 185.77 TO 159.06 202 Network.75-16-1-q.cnf 1216 743 821.49 2.69 TO 158.66 203 Network.50-12-7-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.50-12-7-q.cnf 1377 776 731.17 4.51 TO 156.87 205 Network.50-12-9-q.cnf 672 680 TO	194	Network.75-16-10-q.cnf	1216	721	118.05	3.17	ТО	165.58
197 Network.50-12-10-q.cnf 672 687 TO 18.43 728.81 162.90 198 Network.50-10-2-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.75-17-4-q.cnf 1377 854 TO 3.38 TO 162.05 200 Network.75-16-7-q.cnf 1216 762 1441.62 2.92 TO 160.72 201 or_chain_29.fg.uai.cnf 2193 2668 652.08 185.77 TO 159.06 202 Network.75-16-1-q.cnf 1216 743 821.49 2.69 TO 158.66 203 Network.50-12-7-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.75-17-7-q.cnf 1377 776 731.17 4.51 TO 156.87 205 Network.50-12-9-q.cnf 672 680 TO 7.09 706.76 153.38 206 Network.50-12-8-q.cnf 672 655 TO	195	Network.90-30-8-q.cnf	4380	1538	326.78	2.25	ТО	165.03
198 Network.50-10-2-q.cnf 460 507 1049.72 5.60 289.86 162.84 199 Network.75-17-4-q.cnf 1377 854 TO 3.38 TO 162.05 200 Network.75-16-7-q.cnf 1216 762 1441.62 2.92 TO 160.72 201 or_chain_29.fg.uai.cnf 2193 2668 652.08 185.77 TO 159.06 202 Network.75-16-1-q.cnf 1216 743 821.49 2.69 TO 158.66 203 Network.50-12-7-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.75-17-7-q.cnf 1377 776 731.17 4.51 TO 156.87 205 Network.50-12-9-q.cnf 672 680 TO 7.09 706.76 153.38 206 Network.50-12-8-q.cnf 672 655 TO 54.44 688.71 152.88 207 Network.50-12-6-q.cnf 672 575 478.99 <td>196</td> <td>Network.75-17-5-q.cnf</td> <td>1377</td> <td>791</td> <td></td> <td>2.33</td> <td>ТО</td> <td>163.32</td>	196	Network.75-17-5-q.cnf	1377	791		2.33	ТО	163.32
199 Network.75-17-4-q.cnf 1377 854 TO 3.38 TO 162.05 200 Network.75-16-7-q.cnf 1216 762 1441.62 2.92 TO 160.72 201 or_chain.29.fg.uai.cnf 2193 2668 652.08 185.77 TO 159.06 202 Network.75-16-1-q.cnf 1216 743 821.49 2.69 TO 158.66 203 Network.50-12-7-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.75-17-7-q.cnf 1377 776 731.17 4.51 TO 156.87 205 Network.50-12-9-q.cnf 672 680 TO 7.09 706.76 153.38 206 Network.50-12-8-q.cnf 672 655 TO 54.44 688.71 152.88 207 Network.50-12-6-q.cnf 672 575 478.99 2.18 729.96 152.04	197	Network.50-12-10-q.cnf	672	687	ТО	18.43	728.81	162.90
200 Network.75-16-7-q.cnf 1216 762 1441.62 2.92 TO 160.72 201 or_chain_29.fg.uai.cnf 2193 2668 652.08 185.77 TO 159.06 202 Network.75-16-1-q.cnf 1216 743 821.49 2.69 TO 158.66 203 Network.50-12-7-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.75-17-7-q.cnf 1377 776 731.17 4.51 TO 156.87 205 Network.50-12-9-q.cnf 672 680 TO 7.09 706.76 153.38 206 Network.50-12-8-q.cnf 672 655 TO 54.44 688.71 152.88 207 Network.50-12-6-q.cnf 672 575 478.99 2.18 729.96 152.04	198	Network.50-10-2-q.cnf	460	507	1049.72	5.60	289.86	162.84
201 or_chain_29.fg.uai.cnf 2193 2668 652.08 185.77 TO 159.06 202 Network.75-16-1-q.cnf 1216 743 821.49 2.69 TO 158.66 203 Network.50-12-7-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.75-17-7-q.cnf 1377 776 731.17 4.51 TO 156.87 205 Network.50-12-9-q.cnf 672 680 TO 7.09 706.76 153.38 206 Network.50-12-8-q.cnf 672 655 TO 54.44 688.71 152.88 207 Network.50-12-6-q.cnf 672 575 478.99 2.18 729.96 152.04	199	Network.75-17-4-q.cnf	1377		ТО	3.38	ТО	162.05
202 Network.75-16-1-q.cnf 1216 743 821.49 2.69 TO 158.66 203 Network.50-12-7-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.75-17-7-q.cnf 1377 776 731.17 4.51 TO 156.87 205 Network.50-12-9-q.cnf 672 680 TO 7.09 706.76 153.38 206 Network.50-12-8-q.cnf 672 655 TO 54.44 688.71 152.88 207 Network.50-12-6-q.cnf 672 575 478.99 2.18 729.96 152.04								
203 Network.50-12-7-q.cnf 672 682 TO 20.00 719.81 157.39 204 Network.75-17-7-q.cnf 1377 776 731.17 4.51 TO 156.87 205 Network.50-12-9-q.cnf 672 680 TO 7.09 706.76 153.38 206 Network.50-12-8-q.cnf 672 655 TO 54.44 688.71 152.88 207 Network.50-12-6-q.cnf 672 575 478.99 2.18 729.96 152.04	201	or_chain_29.fg.uai.cnf	2193	2668	652.08	185.77		159.06
204 Network.75-17-7-q.cnf 1377 776 731.17 4.51 TO 156.87 205 Network.50-12-9-q.cnf 672 680 TO 7.09 706.76 153.38 206 Network.50-12-8-q.cnf 672 655 TO 54.44 688.71 152.88 207 Network.50-12-6-q.cnf 672 575 478.99 2.18 729.96 152.04	l .	Network.75-16-1-q.cnf	1216	743		2.69	ТО	158.66
205 Network.50-12-9-q.cnf 672 680 TO 7.09 706.76 153.38 206 Network.50-12-8-q.cnf 672 655 TO 54.44 688.71 152.88 207 Network.50-12-6-q.cnf 672 575 478.99 2.18 729.96 152.04	l .		672	682	ТО	20.00		157.39
206 Network.50-12-8-q.cnf 672 655 TO 54.44 688.71 152.88 207 Network.50-12-6-q.cnf 672 575 478.99 2.18 729.96 152.04								
207 Network.50-12-6-q.cnf 672 575 478.99 2.18 729.96 152.04	205		672	680		7.09	706.76	153.38
	l .	Network.50-12-8-q.cnf		655	ТО	54.44	688.71	152.88
208 Network.50-12-1-q.cnf 672 606 TO 7.18 669.65 151.87	l .						729.96	152.04
	208	Network.50-12-1-q.cnf	672	606	ТО	7.18	669.65	151.87

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
209	Configuration.C220_FV.cnf	1933	3442	145.59	59.52	ТО	151.63
210	Network.75-18-4-q.cnf	1548	912	177.53	3.15	ТО	150.78
211	Network.90-42-5-q.cnf	8652	2780	129.89	4.72	ТО	150.03
212	Network.75-17-9-q.cnf	1377	795	971.68	4.34	ТО	148.81
213	Network.50-12-5-q.cnf	672	702	ТО	19.83	638.98	145.98
214	Network.75-18-1-q.cnf	1548	883	ТО	4.43	ТО	145.29
215	Network.75-15-2-q.cnf	1065	667	344.93	2.04	ТО	143.88
216	Network.90-23-2-q.cnf	2553	1016	116.84	1.96	ТО	143.72
217	Network.50-12-2-q.cnf	672	652	ТО	6.36	645.14	143.21
218	relational_5.uai.cnf	140000	180000	135.72	3492.67	ТО	140.80
219	BN_39.erg.cnf	3872	3611	118.82	43.08	ТО	135.61
220	Network.75-14-9-q.cnf	924	660	295.02	6.81	ТО	135.46
221	logistics.c.cnf.uai.cnf	2282	4249	120.31	281.40	ТО	129.98
222	Configuration.C203_FW.cnf	2030	3396	127.06	42.63	ТО	125.02
223	Network.75-17-10-q.cnf	1377	734	116.95	0.89	ТО	120.87
224	Network.50-10-3-q.cnf	460	464	1780.59	3.69	308.30	111.25
225	Family2Recessive.15.5loci.uai.cnf	1159	1537	107.00	30.91	ТО	111.03
226	blasted_squaring70.cnf	882	1662	138.03	201.02	13.18	111.01
227	Pedigree_13.uai.cnf	1159	1537	103.53	219.84	ТО	109.20
228	bmc.bmc-galileo-8.cnf	58074	71769	154.53	ТО	ТО	104.51
229	Network.50-10-7-q.cnf	460	435	141.63	1.37	296.86	98.63
230	min-2s.cnf	301	567	133.04	ТО	12.27	98.26
231	bmc.bmc-ibm-12.cnf	39598	41918	64.75	23.38	364.59	97.61
232	Configuration.C203_FS.cnf	1931	3339	90.47	39.06	TO	94.19
233	smokers_20.uai.cnf	2580	3300	83.36	495.32	ТО	92.30
234	Alchemy_11.uai.cnf	2580	3300	82.10	501.07	ТО	91.54
235	or_chain_91.fg.uai.cnf	2803	3221	83.55	16.10	ТО	85.58
236	Promedus_23.uai.cnf	2803	3221	82.89	17.37	ТО	83.26
237	Network.90-34-9-q.cnf	5644	1883	66.65	0.61	ТО	81.15
238	CSP_12.uai.cnf	734	1830	64.27	626.21	ТО	76.52
239	54.wcsp.uai.cnf	734	1830	64.22	654.12	ТО	75.71
240	Network.75-15-8-q.cnf	1065	675	56.35	0.45	ТО	75.35
241	or_chain_150.fg.uai.cnf	3665	4353	109.82	73.83	ТО	71.11
242	random.uf250-037.cnf	250	1065	64.24	21.74	ТО	70.24
243	$\mathrm{BN}_35.\mathrm{erg.cnf}$	3897	3564	28.31	4.30	ТО	69.68

Network sat-grid-pbl-0020.enf 420	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
246 Network.75-15-3-q.cnf 1065 633 29.98 2.27 TO 61.81 247 Network.90-25-7-q.cnf 3025 1160 64.59 1.03 TO 57.52 248 Configuration.C129-FR.cnf 1888 3875 44.41 22.63 TO 54.59 249 90-34-1e00.erg.cnf 1876 4044 47.76 105.51 TO 51.78 250 Configuration.C208.FA.cnf 1876 4044 47.76 105.51 TO 51.06 251 90-34-1e100.erg.cnf 3230 3092 50.00 3.91 TO 51.06 252 random.uf250-01.cnf 250 1065 70.85 21.19 183.86 49.25 253 Network.50-10-9-q.cnf 460 447 35.46 0.71 284.31 49.14 254 blasted.TR.bl4.1.linear.cnf 1287 2282 18.56 6.93 24.14 45.93 255 BN.36.erg.cnf 3924 3542 28.89 <td>244</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	244							
Network.90-25-7-q.cnf 3025 1160 64.59 1.03 TO 57.52			250					64.19
248 Configuration.C129_FR.cnf 1888 3875 44.41 22.63 TO 54.59 249 90-34-1e80.erg.cnf 3230 3092 50.37 4.20 TO 51.78 251 90-34-1e100.erg.cnf 3230 3092 50.00 3.91 TO 51.01 252 random.u250-01.cnf 250 1065 70.85 21.19 1833.86 49.25 253 Network.50-10-9-q.cnf 460 447 35.46 0.71 284.31 49.14 254 blasted.TR.b14.1 linear.cnf 1287 2282 18.56 6.93 24.14 45.93 255 BN.36.erg.cnf 3924 3542 28.89 3.59 TO 44.37 256 Network.90-34-1-q.cnf 5644 1903 22.65 0.98 TO 43.81 257 Promedus.19.uai.cnf 2449 2920 38.75 27.40 TO 43.33 258 or.chain.68.fg.uai.cnf 2449 2920 38.97		Network.75-15-3-q.cnf	1065	633	29.98	2.27		
249 90-34-1e80.erg.enf 3230 3092 50.37 4.20 TO 51.78 250 Configuration.C208.FA.cnf 1876 4044 47.76 105.51 TO 51.06 251 90-34-1e100.erg.cnf 3230 3092 50.00 3.91 TO 51.01 252 random.uf250-01.cnf 250 1065 70.85 21.19 1833.86 49.25 253 Network.50-10-9-q.cnf 460 447 35.46 0.71 284.31 49.14 254 blasted.TR.bl41.Linear.cnf 1287 2282 18.56 6.93 24.14 45.93 255 BN.36.erg.cnf 3924 3542 28.89 3.59 TO 44.37 256 Network.90-34-1-q.cnf 5644 1903 22.65 0.98 TO 43.81 257 Promedus.19.uai.cnf 2449 2920 38.75 27.40 TO 43.33 258 or.chain.68.fg.uai.cnf 2449 2920 38.75	247	Network.90-25-7-q.cnf	3025	1160	64.59	1.03	ТО	57.52
250 Configuration.C208.FA.cnf 1876 4044 47.76 105.51 TO 51.06 251 99-34-1e100.erg.cnf 3230 3092 50.00 3.91 TO 51.01 252 random.uf250-01.cnf 250 1065 70.85 21.19 1833.86 49.25 253 Network.50-10-9-q.cnf 460 447 35.46 0.71 284.31 49.14 254 blasted.TR.b14.1.linear.cnf 1287 2282 18.56 6.93 24.14 45.93 255 BN.36.erg.cnf 3924 3542 28.89 3.59 TO 44.37 256 Network.90-34-1-q.cnf 5644 1903 22.65 0.98 TO 43.81 257 Promedus.19.uai.cnf 2449 2920 38.97 20.22 TO 42.53 258 or.chain.68.fg.uai.cnf 2449 2920 38.97 20.22 TO 42.53 259 Network.75-17-2-q.cnf 1377 734 22.75	248		1888	3875	44.41	22.63	ТО	54.59
251 90-34-1e100.erg.cnf 3230 3092 50.00 3.91 TO 51.01 252 random.ul250-01.cnf 250 1065 70.85 21.19 1833.86 49.25 253 Network.50-10-9-q.cnf 460 447 35.46 0.71 284.31 49.14 254 blasted.TR.bl4.1.linear.cnf 1287 2282 18.56 6.93 24.14 45.93 255 BN.36.erg.cnf 3924 3542 28.89 3.59 TO 44.37 256 Network.90-34-1-q.cnf 5644 1903 22.65 0.98 TO 43.81 257 Promedus.19.ual.cnf 2449 2920 39.75 27.40 TO 43.33 258 or.chain.68.fg.ual.cnf 2449 2920 39.77 20.22 TO 42.53 259 Network.75-17-2-q.cnf 1377 734 22.75 1.16 TO 40.57 260 blasted.case107.cnf 4380 1483 45.31	249	90-34-1e80.erg.cnf	3230	3092	50.37	4.20		51.78
252 random.uf250-01.cnf 250 1065 70.85 21.19 1833.86 49.25 253 Network.50-10-9-q.cnf 460 447 35.46 0.71 284.31 49.14 254 blasted.TR.b14.1.linear.cnf 1287 2282 18.56 6.93 24.14 45.93 255 BN.36.erg.cnf 3924 3542 28.89 3.59 TO 44.37 256 Network.90-34-1-q.cnf 5644 1903 22.65 0.98 TO 43.81 257 Promedus.19.uai.cnf 2449 2920 39.75 27.40 TO 43.33 258 or.chain.68.fg.uai.cnf 2449 2920 38.97 20.22 TO 42.53 259 Network.75-17-2-q.cnf 1377 734 22.75 1.16 TO 40.57 260 blasted.case107.cnf 4380 1483 45.31 2.07 TO 39.17 261 Network.90-30-1-q.cnf 250 1054 28.36	250	Configuration.C208_FA.cnf	1876	4044	47.76	105.51	ТО	51.06
253 Network.50-10-9-q.cnf 460 447 35.46 0.71 284.31 49.14 254 blasted.TR.b14.1.linear.cnf 1287 2282 18.56 6.93 24.14 45.93 255 BN.36.erg.cnf 3924 3542 28.89 3.59 TO 44.37 256 Network.90-34-1-q.cnf 5644 1903 22.65 0.98 TO 43.81 257 Promedus.19.ual.cnf 2449 2920 39.75 27.40 TO 43.33 258 or.chain.68.fg.ual.cnf 2449 2920 38.97 20.22 TO 42.53 259 Network.75-17-2-q.cnf 1377 734 22.75 1.16 TO 40.57 260 blasted.sae107.cnf 618 943 38.82 0.61 20.85 39.79 261 Network.90-30-1-q.cnf 4380 1483 45.31 2.07 TO 39.17 262 random.u250-0-4.cnf 250 1054 28.36 <td< td=""><td>251</td><td>90-34-1e100.erg.cnf</td><td>3230</td><td>3092</td><td>50.00</td><td>3.91</td><td>ТО</td><td>51.01</td></td<>	251	90-34-1e100.erg.cnf	3230	3092	50.00	3.91	ТО	51.01
254 blasted_TR_bl4_1_linear.cnf 1287 2282 18.56 6.93 24.14 45.93 255 BN_36.erg.cnf 3924 3542 28.89 3.59 TO 44.37 256 Network.90-34-1-q.cnf 5644 1903 22.65 0.98 TO 43.81 257 Promedus.19.uai.cnf 2449 2920 38.97 20.22 TO 42.53 258 or.chain.68.fg.uai.cnf 2449 2920 38.97 20.22 TO 42.53 259 Network.75-17-2-q.cnf 1377 734 22.75 1.16 TO 40.57 260 blasted.case107.cnf 618 943 38.82 0.61 20.85 39.79 261 Network.90-30-1-q.cnf 4380 1483 45.31 2.07 TO 39.17 262 random.uf250-04.cnf 250 1054 28.36 26.14 1713.47 38.36 263 blasted.squaring16.cnf 1627 3748 35.69	252	random.uf250-01.cnf	250	1065	70.85	21.19	1833.86	49.25
255 BN.36.erg.cnf 3924 3542 28.89 3.59 TO 44.37 256 Network.90-34-1-q.cnf 5644 1903 22.65 0.98 TO 43.81 257 Promedus.19.uai.cnf 2449 2920 39.75 27.40 TO 43.33 258 or.chain.68.fg.uai.cnf 2449 2920 38.97 20.22 TO 42.53 259 Network.75-17-2-q.cnf 1377 734 22.75 1.16 TO 40.57 260 blasted.case107.cnf 618 943 38.82 0.61 20.85 39.79 261 Network.90-30-1-q.cnf 4380 1483 45.31 2.07 TO 39.17 262 random.uf250-04.cnf 250 1054 28.36 26.14 1713.47 38.36 263 blasted.squaring16.cnf 1627 3748 35.69 50.88 3209.22 38.29 264 Pollard.sk.1.10.cnf 7815 17955 25.79 <	253	Network.50-10-9-q.cnf	460	447	35.46	0.71	284.31	49.14
256 Network.90-34-1-q.cnf 5644 1903 22.65 0.98 TO 43.81 257 Promedus.19.uai.cnf 2449 2920 39.75 27.40 TO 43.33 258 or.chain.68.fg.uai.cnf 2449 2920 38.97 20.22 TO 42.53 259 Network.75-17-2-q.cnf 1377 734 22.75 1.16 TO 40.57 260 blasted.case107.cnf 618 943 38.82 0.61 20.85 39.79 261 Network.90-30-1-q.cnf 4380 1483 45.31 2.07 TO 39.17 262 random.uf250-04.cnf 250 1054 28.36 26.14 1713.47 38.36 263 blasted.squaring16.cnf 1627 3748 35.69 50.88 3209.22 38.29 264 Pollard.sk.1.10.cnf 7815 1795 25.79 28.32 TO 36.11 265 Network.50-10-8-q.cnf 460 417 32.95	254	blasted_TR_b14_1_linear.cnf	1287	2282	18.56	6.93	24.14	45.93
257 Promedus_19.uai.cnf 2449 2920 39.75 27.40 TO 43.33 258 or_chain_68.fg.uai.cnf 2449 2920 38.97 20.22 TO 42.53 259 Network.75-17-2-q.cnf 1377 734 22.75 1.16 TO 40.57 260 blasted_case107.cnf 618 943 38.82 0.61 20.85 39.79 261 Network.90-30-1-q.cnf 4380 148.3 45.31 2.07 TO 39.17 262 random_uf250-04.cnf 250 1054 28.36 26.14 1713.47 38.36 263 blasted_squaring16.cnf 1627 3748 35.69 50.88 3209.22 38.29 264 Pollard.sk.1_10.cnf 7815 17955 25.79 28.32 TO 36.11 265 Network.50-10-8-q.cnf 460 417 32.95 1.23 296.12 35.47 266 BN_31.erg,cnf 3177 2903 15.31	255	BN_36.erg.cnf	3924	3542	28.89	3.59	ТО	44.37
258 or_chain_68.fg.uai.cnf 2449 2920 38.97 20.22 TO 42.53 259 Network.75-17-2-q.cnf 1377 734 22.75 1.16 TO 40.57 260 blasted_case107.cnf 618 943 38.82 0.61 20.85 39.79 261 Network.90-30-1-q.cnf 4380 1483 45.31 2.07 TO 39.17 262 random.uf250-04.cnf 250 1054 28.36 26.14 1713.47 38.36 263 blasted_squaring16.cnf 1627 3748 35.69 50.88 3209.22 38.29 264 Pollard.sk.1.10.cnf 7815 17955 25.79 28.32 TO 36.11 265 Network.50-10-8-q.cnf 460 417 32.95 1.23 296.12 35.47 266 BN.31.erg.cnf 3177 2903 15.31 13.10 TO 33.36 267 Network.90-26-8-q.cnf 3276 1237 38.84	256	Network.90-34-1-q.cnf	5644	1903	22.65	0.98	ТО	43.81
259 Network.75-17-2-q.cnf 1377 734 22.75 1.16 TO 40.57 260 blasted_case107.cnf 618 943 38.82 0.61 20.85 39.79 261 Network.90-30-1-q.cnf 4380 1483 45.31 2.07 TO 39.17 262 random.uf250-04.cnf 250 1054 28.36 26.14 1713.47 38.36 263 blasted_squaring16.cnf 1627 3748 35.69 50.88 3209.22 38.29 264 Pollard.sk.1_10.cnf 7815 17955 25.79 28.32 TO 36.11 265 Network.50-10-8-q.cnf 460 417 32.95 1.23 296.12 35.47 266 BN.31.erg.cnf 3177 2903 15.31 13.10 TO 33.36 267 Network.90-26-8-q.cnf 3276 1237 38.84 0.96 TO 32.97 268 or_chain_18.fg.uai.cnf 3748 4324 292.00	257	Promedus_19.uai.cnf	2449	2920	39.75	27.40	ТО	43.33
260 blasted_case107.cnf 618 943 38.82 0.61 20.85 39.79 261 Network.90-30-1-q.cnf 4380 1483 45.31 2.07 TO 39.17 262 random.uf250-04.cnf 250 1054 28.36 26.14 1713.47 38.36 263 blasted_squaring16.cnf 1627 3748 35.69 50.88 3209.22 38.29 264 Pollard.sk.1.10.cnf 7815 17955 25.79 28.32 TO 36.11 265 Network.50-10-8-q.cnf 460 417 32.95 1.23 296.12 35.47 266 BN_31.erg.cnf 3177 2903 15.31 13.10 TO 33.36 267 Network.90-26-8-q.cnf 3276 1237 38.84 0.96 TO 32.97 268 or_chain_18.fg.uai.cnf 3748 4324 292.00 3.51 TO 31.33 269 Network.75-16-3-q.cnf 1216 745 36.55	258		2449	2920	38.97	20.22	ТО	42.53
261 Network.90-30-1-q.cnf 4380 1483 45.31 2.07 TO 39.17 262 random.uf250-04.cnf 250 1054 28.36 26.14 1713.47 38.36 263 blasted_squaring16.cnf 1627 3748 35.69 50.88 3209.22 38.29 264 Pollard.sk_1_10.cnf 7815 17955 25.79 28.32 TO 36.11 265 Network.50-10-8-q.cnf 460 417 32.95 1.23 296.12 35.47 266 BN_31.erg.cnf 3177 2903 15.31 13.10 TO 33.36 267 Network.90-26-8-q.cnf 3276 1237 38.84 0.96 TO 32.97 268 or.chain_18.fg.uai.cnf 3748 4324 292.00 3.51 TO 31.33 269 Network.75-16-3-q.cnf 1216 745 36.55 2.26 TO 29.57 270 circuit.re.cnf 2472 16770 20.41 <	259	Network.75-17-2-q.cnf	1377	734	22.75	1.16	ТО	40.57
262 random.uf250-04.cnf 250 1054 28.36 26.14 1713.47 38.36 263 blasted_squaring16.cnf 1627 3748 35.69 50.88 3209.22 38.29 264 Pollard.sk_1_10.cnf 7815 17955 25.79 28.32 TO 36.11 265 Network.50-10-8-q.cnf 460 417 32.95 1.23 296.12 35.47 266 BN_31.erg.cnf 3177 2903 15.31 13.10 TO 33.36 267 Network.90-26-8-q.cnf 3276 1237 38.84 0.96 TO 32.97 268 or_chain_18.fg.uai.cnf 3748 4324 292.00 3.51 TO 31.33 269 Network.75-16-3-q.cnf 1216 745 36.55 2.26 TO 29.57 270 circuit.rc.cnf 2472 16770 20.41 56.63 TO 28.78 271 random.uf250-095.cnf 250 1045 29.26 <t< td=""><td>260</td><td></td><td>618</td><td>943</td><td>38.82</td><td>0.61</td><td>20.85</td><td>39.79</td></t<>	260		618	943	38.82	0.61	20.85	39.79
263 blasted_squaring16.cnf 1627 3748 35.69 50.88 3209.22 38.29 264 Pollard.sk_1_10.cnf 7815 17955 25.79 28.32 TO 36.11 265 Network.50-10-8-q.cnf 460 417 32.95 1.23 296.12 35.47 266 BN_31.erg.cnf 3177 2903 15.31 13.10 TO 33.36 267 Network.90-26-8-q.cnf 3276 1237 38.84 0.96 TO 32.97 268 or_chain_18.fg.uai.cnf 3748 4324 292.00 3.51 TO 31.33 269 Network.75-16-3-q.cnf 1216 745 36.55 2.26 TO 29.57 270 circuit.rc.cnf 2472 16770 20.41 56.63 TO 28.78 271 random.uf250-095.cnf 250 1045 29.26 5.83 658.28 28.68 272 Network.90-38-3-q.cnf 7068 2369 32.11 <	261		4380	1483	45.31		ТО	39.17
264 Pollard.sk.1_10.cnf 7815 17955 25.79 28.32 TO 36.11 265 Network.50-10-8-q.cnf 460 417 32.95 1.23 296.12 35.47 266 BN_31.erg.cnf 3177 2903 15.31 13.10 TO 33.36 267 Network.90-26-8-q.cnf 3276 1237 38.84 0.96 TO 32.97 268 or_chain_18.fg.uai.cnf 3748 4324 292.00 3.51 TO 31.33 269 Network.75-16-3-q.cnf 1216 745 36.55 2.26 TO 29.57 270 circuit.rc.cnf 2472 16770 20.41 56.63 TO 28.78 271 random.uf250-095.cnf 250 1045 29.26 5.83 658.28 28.68 272 Network.90-38-3-q.cnf 7068 2369 32.11 4.65 TO 27.88 273 Network.90-26-6-q.cnf 3276 1186 28.60 1.03	262		250	1054	28.36	26.14	1713.47	38.36
265 Network.50-10-8-q.cnf 460 417 32.95 1.23 296.12 35.47 266 BN_31.erg.cnf 3177 2903 15.31 13.10 TO 33.36 267 Network.90-26-8-q.cnf 3276 1237 38.84 0.96 TO 32.97 268 or_chain_18.fg.uai.cnf 3748 4324 292.00 3.51 TO 31.33 269 Network.75-16-3-q.cnf 1216 745 36.55 2.26 TO 29.57 270 circuit.rc.cnf 2472 16770 20.41 56.63 TO 28.78 271 random.uf250-095.cnf 250 1045 29.26 5.83 658.28 28.68 272 Network.90-38-3-q.cnf 7068 2369 32.11 4.65 TO 27.88 273 Network.90-26-6-q.cnf 3276 1186 28.60 1.03 TO 27.47 274 circuit.c880.isc.cnf 417 726 43.81 5.01 <td>263</td> <td>blasted_squaring16.cnf</td> <td>1627</td> <td>3748</td> <td>35.69</td> <td>50.88</td> <td>3209.22</td> <td>38.29</td>	263	blasted_squaring16.cnf	1627	3748	35.69	50.88	3209.22	38.29
266 BN_31.erg.cnf 3177 2903 15.31 13.10 TO 33.36 267 Network.90-26-8-q.cnf 3276 1237 38.84 0.96 TO 32.97 268 or_chain_18.fg.uai.cnf 3748 4324 292.00 3.51 TO 31.33 269 Network.75-16-3-q.cnf 1216 745 36.55 2.26 TO 29.57 270 circuit.rc.cnf 2472 16770 20.41 56.63 TO 28.78 271 random.uf250-095.cnf 250 1045 29.26 5.83 658.28 28.68 272 Network.90-38-3-q.cnf 7068 2369 32.11 4.65 TO 27.88 273 Network.90-26-6-q.cnf 3276 1186 28.60 1.03 TO 27.47 274 circuit.c880.isc.cnf 417 726 43.81 5.01 3.07 27.28 275 rc.cnf.uai.cnf 5464 19762 23.57 102.67	264	Pollard.sk_1_10.cnf	7815	17955	25.79	28.32	ТО	36.11
267 Network.90-26-8-q.cnf 3276 1237 38.84 0.96 TO 32.97 268 or_chain_18.fg.uai.cnf 3748 4324 292.00 3.51 TO 31.33 269 Network.75-16-3-q.cnf 1216 745 36.55 2.26 TO 29.57 270 circuit.rc.cnf 2472 16770 20.41 56.63 TO 28.78 271 random.uf250-095.cnf 250 1045 29.26 5.83 658.28 28.68 272 Network.90-38-3-q.cnf 7068 2369 32.11 4.65 TO 27.88 273 Network.90-26-6-q.cnf 3276 1186 28.60 1.03 TO 27.47 274 circuit.c880.isc.cnf 417 726 43.81 5.01 3.07 27.28 275 rc.cnf.uai.cnf 5464 19762 23.57 102.67 TO 27.25 276 Network.50-10-10-q.cnf 460 420 34.75 1.57<	265	Network.50-10-8-q.cnf	460	417	32.95	1.23	296.12	35.47
268 or_chain_18.fg.uai.cnf 3748 4324 292.00 3.51 TO 31.33 269 Network.75-16-3-q.cnf 1216 745 36.55 2.26 TO 29.57 270 circuit.rc.cnf 2472 16770 20.41 56.63 TO 28.78 271 random.uf250-095.cnf 250 1045 29.26 5.83 658.28 28.68 272 Network.90-38-3-q.cnf 7068 2369 32.11 4.65 TO 27.88 273 Network.90-26-6-q.cnf 3276 1186 28.60 1.03 TO 27.47 274 circuit.c880.isc.cnf 417 726 43.81 5.01 3.07 27.28 275 rc.cnf.uai.cnf 5464 19762 23.57 102.67 TO 27.25 276 Network.50-10-10-q.cnf 460 420 34.75 1.57 272.17 27.10 277 Promedus_18.uai.cnf 1433 1791 175.76 32	266		3177	2903	15.31	13.10	ТО	33.36
269 Network.75-16-3-q.cnf 1216 745 36.55 2.26 TO 29.57 270 circuit.rc.cnf 2472 16770 20.41 56.63 TO 28.78 271 random.uf250-095.cnf 250 1045 29.26 5.83 658.28 28.68 272 Network.90-38-3-q.cnf 7068 2369 32.11 4.65 TO 27.88 273 Network.90-26-6-q.cnf 3276 1186 28.60 1.03 TO 27.47 274 circuit.c880.isc.cnf 417 726 43.81 5.01 3.07 27.28 275 rc.cnf.uai.cnf 5464 19762 23.57 102.67 TO 27.25 276 Network.50-10-10-q.cnf 460 420 34.75 1.57 272.17 27.10 277 Promedus_18.uai.cnf 1433 1791 175.76 32.71 TO 26.81	267	Network.90-26-8-q.cnf	3276	1237	38.84	0.96	ТО	32.97
270 circuit.rc.cnf 2472 16770 20.41 56.63 TO 28.78 271 random.uf250-095.cnf 250 1045 29.26 5.83 658.28 28.68 272 Network.90-38-3-q.cnf 7068 2369 32.11 4.65 TO 27.88 273 Network.90-26-6-q.cnf 3276 1186 28.60 1.03 TO 27.47 274 circuit.c880.isc.cnf 417 726 43.81 5.01 3.07 27.28 275 rc.cnf.uai.cnf 5464 19762 23.57 102.67 TO 27.25 276 Network.50-10-10-q.cnf 460 420 34.75 1.57 272.17 27.10 277 Promedus_18.uai.cnf 1433 1791 175.76 32.71 TO 26.81	268	or_chain_18.fg.uai.cnf	3748	4324	292.00	3.51	ТО	31.33
270 circuit.rc.cnf 2472 16770 20.41 56.63 TO 28.78 271 random.uf250-095.cnf 250 1045 29.26 5.83 658.28 28.68 272 Network.90-38-3-q.cnf 7068 2369 32.11 4.65 TO 27.88 273 Network.90-26-6-q.cnf 3276 1186 28.60 1.03 TO 27.47 274 circuit.c880.isc.cnf 417 726 43.81 5.01 3.07 27.28 275 rc.cnf.uai.cnf 5464 19762 23.57 102.67 TO 27.25 276 Network.50-10-10-q.cnf 460 420 34.75 1.57 272.17 27.10 277 Promedus_18.uai.cnf 1433 1791 175.76 32.71 TO 26.81	269	Network.75-16-3-q.cnf	1216	745	36.55	2.26	ТО	29.57
272 Network.90-38-3-q.cnf 7068 2369 32.11 4.65 TO 27.88 273 Network.90-26-6-q.cnf 3276 1186 28.60 1.03 TO 27.47 274 circuit.c880.isc.cnf 417 726 43.81 5.01 3.07 27.28 275 rc.cnf.uai.cnf 5464 19762 23.57 102.67 TO 27.25 276 Network.50-10-10-q.cnf 460 420 34.75 1.57 272.17 27.10 277 Promedus_18.uai.cnf 1433 1791 175.76 32.71 TO 26.81	270		2472	16770	20.41	56.63	ТО	28.78
273 Network.90-26-6-q.cnf 3276 1186 28.60 1.03 TO 27.47 274 circuit.c880.isc.cnf 417 726 43.81 5.01 3.07 27.28 275 rc.cnf.uai.cnf 5464 19762 23.57 102.67 TO 27.25 276 Network.50-10-10-q.cnf 460 420 34.75 1.57 272.17 27.10 277 Promedus_18.uai.cnf 1433 1791 175.76 32.71 TO 26.81	271	random.uf250-095.cnf	250	1045	29.26	5.83	658.28	28.68
274 circuit.c880.isc.cnf 417 726 43.81 5.01 3.07 27.28 275 rc.cnf.uai.cnf 5464 19762 23.57 102.67 TO 27.25 276 Network.50-10-10-q.cnf 460 420 34.75 1.57 272.17 27.10 277 Promedus_18.uai.cnf 1433 1791 175.76 32.71 TO 26.81	272	Network. 90383q.cnf	7068	2369	32.11	4.65	ТО	27.88
275 rc.cnf.uai.cnf 5464 19762 23.57 102.67 TO 27.25 276 Network.50-10-10-q.cnf 460 420 34.75 1.57 272.17 27.10 277 Promedus_18.uai.cnf 1433 1791 175.76 32.71 TO 26.81	273	Network.90-26-6-q.cnf	3276	1186	28.60	1.03	ТО	27.47
276 Network.50-10-10-q.cnf 460 420 34.75 1.57 272.17 27.10 277 Promedus_18.uai.cnf 1433 1791 175.76 32.71 TO 26.81	274	circuit.c880.isc.cnf	417	726	43.81	5.01	3.07	27.28
277 Promedus_18.uai.cnf 1433 1791 175.76 32.71 TO 26.81	275	rc.cnf.uai.cnf	5464	19762	23.57	102.67	ТО	27.25
		Network.50-10-10-q.cnf	460	420	34.75	1.57	272.17	27.10
278 or_chain_65.fg.uai.cnf 1433 1791 177.99 35.18 TO 26.78		Promedus_18.uai.cnf	1433	1791	175.76	32.71		26.81
	278	or_chain_65.fg.uai.cnf	1433	1791	177.99	35.18	ТО	26.78

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
279	Network.50-10-6-q.cnf	460	451	72.44	4.05	300.70	26.49
280	Promedus_13.uai.cnf	3748	4324	308.15	4.98	ТО	25.29
281	Network.90-42-2-q.cnf	8652	2615	25.72	1.34	ТО	24.82
282	Network.90-30-3-q.cnf	4380	1401	16.36	0.74	ТО	24.53
283	LoginService2.sk_23_36.cnf	11511	15633	23.46	8.23	ТО	23.97
284	diagStencilClean.sk_41_36.cnf	378131	378150	23.66	0.14	17.47	23.57
285	Network.75-15-1-q.cnf	1065	623	16.94	0.43	ТО	21.70
286	cpcs54.erg.cnf	647	1490	21.19	411.77	ТО	21.16
287	cpcs179.erg.cnf	2120	4423	19.95	7.76	ТО	20.69
288	Network.75-14-10-q.cnf	924	543	16.90	0.67	ТО	19.93
289	Network.75-15-6-q.cnf	1065	620	9.72	0.67	ТО	19.35
290	Network.mastermind_10_08_03.net.cnf	5887	8610	16.85	64.79	ТО	19.35
291	$\log 2.\mathrm{sk}_{-}72_{-}391.\mathrm{cnf}$	185178	220628	18.42	ТО	ТО	19.19
292	Configuration.C170_FR.cnf	1874	5889	19.16	54.08	ТО	19.15
293	diagStencil.sk_35_36.cnf	319730	319727	16.90	0.11	13.87	16.91
294	blasted_squaring14.cnf	1458	3253	24.53	871.32	1294.34	16.84
295	blasted_squaring12.cnf	1507	3364	34.12	909.30	452.23	15.53
296	Configuration.C140_FW.cnf	1841	3192	11.62	17.69	ТО	15.51
297	Network.75-14-7-q.cnf	924	577	13.83	0.47	ТО	13.76
298	logistics.log-5.cnf	2701	12460	5.39	18.05	ТО	12.75
299	$\mathrm{BN}_{\text{-}}78.\mathrm{erg.cnf}$	622	1462	11.08	189.22	ТО	12.62
300	Network.50-10-4-q.cnf	460	441	8.76	0.46	312.38	12.42
301	Network.90-25-4-q.cnf	3025	1064	11.82	0.29	ТО	11.66
302	Network.mastermind_03_08_05.net.cnf	7564	10412	11.14	28.68	ТО	11.30
303	Network.75-16-8-q.cnf	1216	703	12.82	1.31	ТО	11.26
304	or_chain_48.fg.uai.cnf	3346	3943	25.39	1.42	TO	10.91
305	random.uf250-049.cnf	250	1029	13.25	4.39	399.38	10.85
306	Configuration.C209_FC.cnf	1922	3207	8.37	6.19	ТО	10.02
307	GEOM30a_4.wcsp.uai.cnf	282	1506	9.44	9.79	ТО	10.00
308	ProcessBean.sk_8_64.cnf	4768	6900	8.99	1.12	ТО	10.00
309	random.uf250-019.cnf	250	1021	12.03	15.03	465.86	9.52
310	prob005.pddl.cnf.uai.cnf	5576	15265	7.99	13.95	ТО	9.35
311	02A- $2.$ cnf	3857	7650	70.17	340.47	75.36	8.75
312	prob012.pddl.cnf.uai.cnf	4858	9282	6.09	74.63	ТО	8.62
313	Network.75-14-8-q.cnf	924	548	10.30	0.78	ТО	8.37

Configuration C203-FCL.enf 1914 3106 8.40 8.86 TO 8.17	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
316	I							
317	I							
Br. 32.erg.cnf 3867 3550 1.70 1.28 TO 7.50								
BN.32.erg.cnf 3867 3550 1.70 1.28 TO 7.52 320 random.uP50-073.cnf 250 1025 5.55 2.33 203.70 7.22 321 Network.90-30-2-q.cnf 4380 1458 7.59 0.66 TO 6.94 322 bmc.bmc.galileo-9.cnf 63624 75589 20.35 TO TO 6.64 323 Network.75-14-4-q.cnf 924 571 4.28 1.11 TO 6.36 324 Planning.prob012.pddl.cnf 2324 6742 8.23 105.89 TO 6.31 325 Network.90-34-6-q.cnf 5644 1816 7.05 0.71 TO 6.03 326 Network.90-34-6-q.cnf 5644 1816 7.05 0.71 TO 6.03 326 Network.90-38-2-q.cnf 7668 2265 1.89 1.33 TO 5.79 328 Network.90-38-2-q.cnf 7668 2265 1.89 1.33 TO 5.79 328 Network.90-39-q.cnf 4380 1481 9.55 0.89 TO 5.71 329 Network.90-30-9-q.cnf 4380 1481 9.55 0.89 TO 5.70 330 Network.90-25-9-q.cnf 3025 1176 3.90 0.31 TO 5.70 330 Network.90-25-9-q.cnf 19003 131263 5.12 8.55 2266.84 5.58 331 Configuration.C230.FR.cnf 1808 3097 5.57 8.07 TO 5.47 332 Planning.prob005-pddl.cnf 2701 12460 5.49 18.35 TO 5.04 333 or.chain.45.fg.uai.cnf 3156 3556 27.36 1.80 TO 5.03 334 Handmade.ag7-13.cnf 2197 16423 5.98 0.91 31.22 4.97 335 Network.mastermind.04.08.04.net.cnf 5484 7619 4.68 15.96 TO 4.91 336 0.6A-2.cnf 3357 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus.16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-6-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or.chain.236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 3.47 344 sort.sk.8.52.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 340 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 340 Network.75-14-3-q.cnf 924 508 1.90 0.57	I							
320	I							
Network.90-30-2-q.cnf 4380 1458 7.59 0.66 TO 6.94								
322 bmc.bmc-galileo-9.cnf 63624 75589 20.35 TO TO 6.64 323			250					7.22
323 Network.75-14-4-q.cnf 924 571 4.28 1.11 TO 6.36 324 Planning.prob012.pddl.cnf 2324 6742 8.23 105.89 TO 6.31 325 Network.90-34-6-q.cnf 5644 1816 7.05 0.71 TO 6.03 326 Network.90-10-5-q.cnf 460 369 5.67 0.29 303.55 5.99 327 Network.90-38-2-q.cnf 7068 2265 1.89 1.33 TO 5.79 328 Network.90-30-9-q.cnf 4380 1481 9.55 0.89 TO 5.71 329 Network.90-25-9-q.cnf 3025 1176 3.90 0.31 TO 5.70 330 Network.blockmap.22.03.net.cnf 119003 131263 5.12 8.55 2266.84 5.58 331 Configuration.C230.FR.cnf 1808 3097 5.57 8.07 TO 5.47 332 Planning.prob005.pdd.cnf 2701 12460 5.49 </td <td></td> <td></td> <td>4380</td> <td></td> <td></td> <td></td> <td></td> <td></td>			4380					
324 Planning.prob012.pddl.cnf 2324 6742 8.23 105.89 TO 6.31 325 Network.90-34-6-q.cnf 5644 1816 7.05 0.71 TO 6.03 326 Network.90-34-2-q.cnf 460 369 5.67 0.29 303.55 5.99 327 Network.90-38-2-q.cnf 7068 2265 1.89 1.33 TO 5.79 328 Network.90-39-9-q.cnf 4380 1481 9.55 0.89 TO 5.71 329 Network.90-25-9-q.cnf 3025 1176 3.90 0.31 TO 5.70 330 Network.blockmap.22.03.net.cnf 119003 131263 5.12 8.55 2266.84 5.58 331 Configuration.C230.FR.cnf 180 3097 5.57 8.07 TO 5.47 332 Planning.prob05.pddl.cnf 2701 12460 5.49 18.35 TO 5.04 333 or.chain.45.fg.uai.cnf 3156 3556 27.			63624	75589	20.35	ТО		
325 Network.90-34-6-q.cnf 5644 1816 7.05 0.71 TO 6.03								
Network.50-10-5-q.cnf 460 369 5.67 0.29 303.55 5.99 327 Network.90-38-2-q.cnf 7068 2265 1.89 1.33 TO 5.79 328 Network.90-30-9-q.cnf 4380 1481 9.55 0.89 TO 5.71 329 Network.90-25-9-q.cnf 3025 1176 3.90 0.31 TO 5.70 330 Network.blockmap.22.03.net.cnf 119003 131263 5.12 8.55 2266.84 5.58 331 Configuration.C230.FR.cnf 1808 3097 5.57 8.07 TO 5.47 332 Planning.prob005.pddl.cnf 2701 12460 5.49 18.35 TO 5.04 333 or.chain.45.fg.uai.cnf 3156 3556 27.36 1.80 TO 5.03 334 Handmade.qg7-13.cnf 2197 16423 5.98 0.91 31.22 4.97 335 Network.mastermind.04.08.04.net.cnf 5484 7619 4.68 15.96 TO 4.91 336 06A-2.cnf 3857 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus.16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or.chain.236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 342 Promedus.37.uai.cnf 4240 4895 3.38 4.09 TO 3.67 343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 TO 3.47 344 sort.sk.8.52.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 347 Configuration.C140.FC.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140.FC.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140.FC.cnf 1828 2992 2.54 15.04 TO 2.65 347 348			2324	6742	8.23			6.31
327 Network.90-38-2-q.cnf 7068 2265 1.89 1.33 TO 5.79 328 Network.90-30-9-q.cnf 4380 1481 9.55 0.89 TO 5.71 329 Network.90-25-9-q.cnf 3025 1176 3.90 0.31 TO 5.70 330 Network.blockmap.22.03.net.cnf 119003 131263 5.12 8.55 2266.84 5.58 331 Configuration.C230.FR.cnf 1808 3097 5.57 8.07 TO 5.47 332 Planning.prob005.pddl.cnf 2701 12460 5.49 18.35 TO 5.04 333 or.chain.45.fg.uai.cnf 3156 3556 27.36 1.80 TO 5.03 334 Handmade.qg7-13.cnf 2197 16423 5.98 0.91 31.22 4.97 335 Network.mastermind.04.08.04.net.cnf 5484 7619 4.68 15.96 TO 4.91 336 06A-2.cnf 3857 7164 9.4		Network.90-34-6-q.cnf	5644	1816		0.71	ТО	6.03
328 Network.90-30-9-q.cnf 4380 1481 9.55 0.89 TO 5.71 329 Network.90-25-9-q.cnf 3025 1176 3.90 0.31 TO 5.70 330 Network.blockmap.22.03.net.cnf 119003 131263 5.12 8.55 2266.84 5.58 331 Configuration.C230.FR.cnf 1808 3097 5.57 8.07 TO 5.47 332 Planning.prob005.pddl.cnf 2701 12460 5.49 18.35 TO 5.04 333 or.chain.45.fg.uai.cnf 3156 3556 27.36 1.80 TO 5.03 334 Handmade.qq7-13.cnf 2197 16423 5.98 0.91 31.22 4.97 335 Network.mastermind.04.08.04.net.cnf 5484 7619 4.68 15.96 TO 4.91 336 06A-2.cnf 3857 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 </td <td></td> <td>Network.50-10-5-q.cnf</td> <td>460</td> <td></td> <td>5.67</td> <td>0.29</td> <td></td> <td>5.99</td>		Network.50-10-5-q.cnf	460		5.67	0.29		5.99
329 Network.90-25-9-q.cnf 3025 1176 3.90 0.31 TO 5.70 330 Network.blockmap.22.03.net.cnf 119003 131263 5.12 8.55 2266.84 5.58 331 Configuration.C230.FR.cnf 1808 3097 5.57 8.07 TO 5.47 332 Planning.prob005.pddl.cnf 2701 12460 5.49 18.35 TO 5.04 333 or.chain.45.fg.uai.cnf 3156 3556 27.36 1.80 TO 5.03 334 Handmade.qg7-13.cnf 2197 16423 5.98 0.91 31.22 4.97 335 Network.mastermind.04.08.04.net.cnf 5484 7619 4.68 15.96 TO 4.91 336 06A-2.cnf 3857 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus.16.uai.cnf 3156 3556 26.			7068					
330 Network.blockmap_22_03.net.cnf 119003 131263 5.12 8.55 2266.84 5.58 331 Configuration.C230_FR.cnf 1808 3097 5.57 8.07 TO 5.47 332 Planning.prob005.pddl.cnf 2701 12460 5.49 18.35 TO 5.04 333 or_chain_45.fg.uai.cnf 3156 3556 27.36 1.80 TO 5.03 334 Handmade.qg7-13.cnf 2197 16423 5.98 0.91 31.22 4.97 335 Network.mastermind.04.08.04.net.cnf 5484 7619 4.68 15.96 TO 4.91 336 06A-2.cnf 3857 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus_16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-5-q.cnf 672 430 3.41	328	Network.90-30-9-q.cnf	4380	1481	9.55	0.89	ТО	5.71
331 Configuration.C230_FR.cnf 1808 3097 5.57 8.07 TO 5.47 332 Planning.prob005.pddl.cnf 2701 12460 5.49 18.35 TO 5.04 333 or.chain.45.fg.uai.cnf 3156 3556 27.36 1.80 TO 5.03 334 Handmade.qg7-13.cnf 2197 16423 5.98 0.91 31.22 4.97 335 Network.mastermind.04.08.04.net.cnf 5484 7619 4.68 15.96 TO 4.91 336 06A-2.cnf 3857 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus.16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-5-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66	329	Network.90-25-9-q.cnf	3025	1176	3.90	0.31	ТО	5.70
332 Planning.prob005.pddl.cnf 2701 12460 5.49 18.35 TO 5.04 333 or.chain.45.fg.uai.cnf 3156 3556 27.36 1.80 TO 5.03 334 Handmade.qg7-13.cnf 2197 16423 5.98 0.91 31.22 4.97 335 Network.mastermind.04.08.04.net.cnf 5484 7619 4.68 15.96 TO 4.91 336 06A-2.cnf 3857 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus_16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-5-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or.chain_236.fg.uai.cnf 4240 4895 3.38 <t< td=""><td>330</td><td></td><td>119003</td><td>131263</td><td>5.12</td><td>8.55</td><td>2266.84</td><td>5.58</td></t<>	330		119003	131263	5.12	8.55	2266.84	5.58
333 or_chain_45.fg.uai.cnf 3156 3556 27.36 1.80 TO 5.03 334 Handmade.qg7-13.cnf 2197 16423 5.98 0.91 31.22 4.97 335 Network.mastermind_04_08_04.net.cnf 5484 7619 4.68 15.96 TO 4.91 336 06A-2.cnf 3857 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus_16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-5-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or_chain_236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 342 Promedus_37.uai.cnf 4240 4895 3.33 4.24 </td <td>331</td> <td>Configuration.C230_FR.cnf</td> <td>1808</td> <td>3097</td> <td>5.57</td> <td>8.07</td> <td>ТО</td> <td>5.47</td>	331	Configuration.C230_FR.cnf	1808	3097	5.57	8.07	ТО	5.47
334 Handmade.qg7-13.cnf 2197 16423 5.98 0.91 31.22 4.97 335 Network.mastermind.04.08.04.net.cnf 5484 7619 4.68 15.96 TO 4.91 336 06A-2.cnf 3857 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus.16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-5-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or_chain.236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 342 Promedus.37.uai.cnf 4240 4895 3.33 4.24 TO 3.67 343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 <td>332</td> <td>Planning.prob005.pddl.cnf</td> <td>2701</td> <td>12460</td> <td>5.49</td> <td>18.35</td> <td></td> <td>5.04</td>	332	Planning.prob005.pddl.cnf	2701	12460	5.49	18.35		5.04
335 Network.mastermind_04_08_04_net.cnf 5484 7619 4.68 15.96 TO 4.91 336 06A-2.cnf 3857 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus_16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-5-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or_chain_236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 342 Promedus_37.uai.cnf 4240 4895 3.33 4.24 TO 3.67 343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 TO 3.47 344 sort.sk_8_52.cnf 12125 16398 2.64 3.31	333	or_chain_45.fg.uai.cnf	3156	3556	27.36	1.80	ТО	5.03
336 06A-2.cnf 3857 7164 9.44 TO 67.57 4.90 337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus_16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-5-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or_chain_236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 342 Promedus_37.uai.cnf 4240 4895 3.33 4.24 TO 3.67 343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 TO 3.47 344 sort.sk_8_5_2.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27<	334	Handmade.qg7-13.cnf	2197	16423	5.98	0.91	31.22	4.97
337 Handmade.ais10.cnf 181 2377 4.74 2.22 1425.08 4.72 338 Promedus_16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-5-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or_chain_236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 342 Promedus_37.uai.cnf 4240 4895 3.33 4.24 TO 3.67 343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 TO 3.47 344 sort.sk_8_52.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 346 Network.75-14-3-q.cnf 924 508 1.90 0.57	335	Network.mastermind_04_08_04.net.cnf	5484	7619	4.68			4.91
338 Promedus_16.uai.cnf 3156 3556 26.51 1.61 TO 4.46 339 Network.75-12-5-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or_chain_236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 342 Promedus_37.uai.cnf 4240 4895 3.33 4.24 TO 3.67 343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 TO 3.47 344 sort.sk_8.52.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 346 Network.75-14-3-q.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140_FC.cnf 1828 2992 2.54 15.04	336	06A-2.cnf	3857	7164	9.44	ТО	67.57	4.90
339 Network.75-12-5-q.cnf 672 430 3.41 0.36 682.05 4.29 340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or_chain_236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 342 Promedus_37.uai.cnf 4240 4895 3.33 4.24 TO 3.67 343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 TO 3.47 344 sort.sk_8_52.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 346 Network.75-14-3-q.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140_FC.cnf 1828 2992 2.54 15.04 TO 2.65								
340 Network.90-34-4-q.cnf 5644 1924 1.66 1.69 TO 4.21 341 or_chain_236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 342 Promedus_37.uai.cnf 4240 4895 3.33 4.24 TO 3.67 343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 TO 3.47 344 sort.sk_8.52.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 346 Network.75-14-3-q.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140_FC.cnf 1828 2992 2.54 15.04 TO 2.65								
341 or_chain_236.fg.uai.cnf 4240 4895 3.38 4.09 TO 3.70 342 Promedus_37.uai.cnf 4240 4895 3.33 4.24 TO 3.67 343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 TO 3.47 344 sort.sk_8_52.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 346 Network.75-14-3-q.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140_FC.cnf 1828 2992 2.54 15.04 TO 2.65								
342 Promedus_37.uai.cnf 4240 4895 3.33 4.24 TO 3.67 343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 TO 3.47 344 sort.sk_8_52.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 346 Network.75-14-3-q.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140_FC.cnf 1828 2992 2.54 15.04 TO 2.65								
343 Network.75-15-10-q.cnf 1065 661 3.87 0.42 TO 3.47 344 sort.sk_8_52.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 346 Network.75-14-3-q.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140_FC.cnf 1828 2992 2.54 15.04 TO 2.65			4240					
344 sort.sk_8_52.cnf 12125 16398 2.64 3.31 TO 3.03 345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 346 Network.75-14-3-q.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140_FC.cnf 1828 2992 2.54 15.04 TO 2.65								
345 Network.75-12-6-q.cnf 672 471 3.81 0.40 655.27 2.99 346 Network.75-14-3-q.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140_FC.cnf 1828 2992 2.54 15.04 TO 2.65								
346 Network.75-14-3-q.cnf 924 508 1.90 0.57 TO 2.78 347 Configuration.C140_FC.cnf 1828 2992 2.54 15.04 TO 2.65								
347 Configuration.C140_FC.cnf 1828 2992 2.54 15.04 TO 2.65					3.81	0.40		
348 Configuration.C215_FC.cnf 1848 3115 2.25 11.51 TO 2.61								
	348	Configuration.C215_FC.cnf	1848	3115	2.25	11.51	ТО	2.61

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
349	Network.blockmap_22_02.net.cnf	113870	125082	2.51	1.74	137.31	2.46
350	09A-3.cnf	9421	13250	ТО	3.86	27.60	2.45
351	Promedus_22.uai.cnf	1587	1834	5.97	1.75	ТО	2.42
352	Network.75-15-9-q.cnf	1065	613	2.37	0.85	ТО	2.39
353	Network.75-14-5-q.cnf	924	535	1.99	0.36	ТО	2.36
354	Network.90-34-2-q.cnf	5644	1859	2.52	0.80	ТО	2.36
355	or_chain_85.fg.uai.cnf	1587	1834	5.99	1.89	ТО	2.36
356	ProjectService3.sk_12_55.cnf	3175	6099	2.44	8.17	ТО	2.27
357	Network.75-16-6-q.cnf	1216	685	1.85	0.63	ТО	2.19
358	Network.90-30-6-q.cnf	4380	1446	1.54	0.52	ТО	2.13
359	Handmade.qg4-09.cnf	729	4524	1.85	1.31	167.01	2.08
360	Network.mastermind_06_08_03.net.cnf	3979	5632	1.82	7.36	ТО	2.00
361	Network.blockmap_22_01.net.cnf	108698	115969	1.96	0.18	19.13	1.95
362	Network.blockmap_20_03.net.cnf	86889	91049	1.94	3.53	ТО	1.93
363	bmc.bmc-ibm-5.cnf	9396	10675	2.16	15.48	1499.15	1.87
364	Promedus_30.uai.cnf	1341	1512	6.52	0.51	ТО	1.87
365	Network.90-21-10-q.cnf	2121	791	1.53	0.29	ТО	1.86
366	random.uf250-044.cnf	250	1013	2.06	0.83	160.09	1.84
367	Network.90-38-9-q.cnf	7068	2061	1.14	0.49	ТО	1.68
368	rb.cnf.uai.cnf	4368	13010	1.21	4.36	ТО	1.58
369	Network.90-30-10-q.cnf	4380	1497	1.77	0.37	ТО	1.53
370	Network.90-30-4-q.cnf	4380	1371	1.06	0.26	ТО	1.52
371	circuit.rb.cnf	1854	10496	1.07	2.74	ТО	1.41
372	Configuration.C638_FKA.cnf	1787	2347	1.09	0.91	ТО	1.39
373	c880.isc.cnf.uai.cnf	834	1056	1.37	1.37	3.40	1.25
374	Network.blockmap_20_02.net.cnf	82786	86552	1.25	0.49	36.05	1.21
375	log-4.cnf.uai.cnf	4779	6515	1.32	3.20	ТО	1.15
376	random.uf250-081.cnf	250	942	1.01	0.37	63.52	1.13
377	random.uf250-06.cnf	250	978	0.79	0.58	74.32	1.12
378	Network.75-14-6-q.cnf	924	516	0.87	0.19	ТО	1.07
379	or_chain_165.fg.uai.cnf	1341	1512	6.28	0.50	ТО	1.07
380	Network.blockmap_20_01.net.cnf	78650	81727	1.04	0.07	11.16	1.04
381	Network.90-26-3-q.cnf	3276	1088	0.89	0.22	ТО	0.99
382	Network.75-12-8-q.cnf	672	410	0.86	0.25	700.29	0.98
383	prob004.pddl.cnf.uai.cnf	4779	6515	1.27	2.98	ТО	0.96
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384 Network 90-25-6-q.cnf 3025 992 1.06 0.27 TO 0.93 385 Configuration.C163.FW.cnf 1815 2678 1.03 1.99 TO 0.93 386 Network.mastermind.05.08.03.net.cnf 3502 4894 0.72 2.87 TO 0.93 387 Configuration.C209.FA.cnf 1885 2856 0.79 1.21 TO 0.90 388 Network.mastermind.03.08.04.net.cnf 4720 6428 0.73 2.55 TO 0.85 389 BN.40.crg.cnf 3864 3527 0.75 4.64 TO 0.79 390 1502.wesp.nai.cnf 1444 2468 1.28 0.46 TO 0.77 391 or.chair.72.fg.uai.cnf 2118 2519 0.71 4.34 TO 0.76 392 logistics.logistics.logistics.b.cnf 843 1846 0.79 1.89 TO 0.74 393 logistics.logistics.b.cnf 2303 4107 <	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
Network.mastermind.05.08.03.net.cnf 3502 4894 0.72 2.87 TO 0.93 387 Configuration.C209.FA.cnf 1885 2856 0.79 1.21 TO 0.90 3888 Network.mastermind.03.08.04.net.cnf 4720 6428 0.73 2.55 TO 0.85 389 BN.40.erg.cnf 3864 3527 0.75 4.64 TO 0.79 390 1502.wsp.uai.cnf 2118 2519 0.71 4.34 TO 0.76 392 logistics.b.cnf 843 1846 0.79 1.89 TO 0.74 393 logistics.b.g.4.cnf 2303 4107 0.70 2.50 TO 0.73 394 logistics.b.g.4.cnf 2303 4107 0.70 2.50 TO 0.73 394 logistics.b.g.f.ai.cnf 2303 4107 0.70 2.50 TO 0.72 395 Planning.prob004.pddl.cnf 2303 4107 0.70 2.44 TO 0.72 396 Promedus.20.uai.cnf 2118 2519 0.70 4.22 TO 0.72 397 circuit.s1423.bench.cnf 2418 2519 0.70 4.22 TO 0.72 398 Network.90-22-5-q.cnf 2332 859 0.51 0.15 TO 0.69 399 s13207a.15.7.cnf 9455 11598 0.66 1337.47 TO 0.69 400 or.chain.lof.guai.cnf 1769 2138 3.71 50.86 TO 0.66 401 Configuration.C211.FW.cnf 1934 2794 0.58 2.17 TO 0.64 402 Promedus.11.uai.cnf 1769 2138 3.72 50.09 TO 0.64 403 Configuration.C211.FW.cnf 1934 2794 0.58 2.17 TO 0.62 405 GEOM30.a.s.vep.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30.a.s.vep.uai.cnf 77500 89750 0.55 1.37 TO 0.62 406 s13207a.7.4.cnf 9386 11483 0.65 TO TO 0.61 406 s13207a.7.4.cnf 9386 11483 0.65 TO TO 0.61 406 s13207a.7.4.cnf 5086 6078 0.68 0.68 0.49 TO 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 401 Network.90-25-3-q.cnf 7068 2118 0.47 0.70 TO 0.51 411 Network.90-25-3-q.cnf 7068 2118 0.47 0.70 TO 0.51 411 Network.90-23-1-q.cnf 5046 922 0.37 1.08 633.7	384	Network.90-25-6-q.cnf	3025	992	1.06	0.27		0.95
387	385	Configuration.C163_FW.cnf	1815	2678	1.03	1.99	ТО	0.93
Network.mastermind.03.08.04.net.enf 4720 6428 0.73 2.55 TO 0.85	386		3502	4894	0.72	2.87	ТО	0.93
BN.40.erg.cnf 3864 3527 0.75 4.64 TO 0.79 390 1502.wesp.uai.cnf 1444 2468 1.28 0.46 TO 0.77 391 or.chain.72.fg.uai.cnf 2118 2519 0.71 4.34 TO 0.76 392 logistics.logistics.b.cnf 843 1846 0.79 1.89 TO 0.74 393 logistics.log-4.cnf 2303 4107 0.70 2.50 TO 0.73 394 logistics.b.cnf.uai.cnf 1686 2676 0.64 2.22 TO 0.72 395 Planning.prob0dy.pdl.cnf 2303 4107 0.70 2.44 TO 0.72 396 Promedus.20.uai.cnf 2118 2519 0.70 4.22 TO 0.72 397 circuit.s1423.bench.cnf 748 907 0.57 0.41 8.46 0.70 398 Network.90-22-5-q.cnf 2332 859 0.51 0.15 TO 0.69 399 s13207a.15-7.cnf 9455 11598 0.66 1337.47 TO 0.69 400 or.chain.10.fg.uai.cnf 1769 2138 3.71 50.86 TO 0.66 401 Configuration.C210.FVF.cnf 1934 2794 0.58 2.17 TO 0.64 402 Promedus.11.uai.cnf 1769 2138 3.72 50.09 TO 0.64 403 Configuration.C211.FW.cnf 1665 2646 0.51 0.53 TO 0.62 404 relational.2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30a.3.wesp.uai.cnf 252 839 0.46 6.02 TO 0.61 407 bmc.bmc-ibm-10.cnf 59056 60788 0.63 0.49 TO 0.58 408 Planning.prob0d-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 409 Planning.prob0d-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-28-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 414 2bitmax.6.cnf 252 610 0.33 1.16 62.48 0.50 414 2bitmax.6.cnf 252 610 0.33 1.16 62.48 0.50 414 2bitmax.6.cnf 25	387	Configuration.C209_FA.cnf	1885	2856	0.79	1.21	ТО	0.90
1502.wesp.uai.cnf	388	Network.mastermind_03_08_04.net.cnf	4720	6428	0.73	2.55	ТО	0.85
391	389	$\mathrm{BN}_{-}40.\mathrm{erg.cnf}$	3864	3527	0.75	4.64		
1892 logistics.logistics.b.cnf 843 1846 0.79 1.89 TO 0.74 393 logistics.lo	390	1502.wcsp.uai.cnf	1444	2468	1.28	0.46	ТО	0.77
393 logistics.log-4.cnf 2303 4107 0.70 2.50 TO 0.73 394 logistics.b.cnf.uai.cnf 1686 2676 0.64 2.22 TO 0.72 395 Planning.prob004.pdd.cnf 2303 4107 0.70 2.44 TO 0.72 396 Promedus.20.uai.cnf 2118 2519 0.70 4.22 TO 0.72 397 circuit.s1423.bench.cnf 748 907 0.57 0.41 8.46 0.70 398 Network.90-22-5-q.cnf 2332 859 0.51 0.15 TO 0.69 399 s13207a.15.7.cnf 9455 11598 0.66 1337.47 TO 0.69 400 or.chain.10.fg.uai.cnf 1769 2138 3.71 50.86 TO 0.66 401 Configuration.C210.FVF.cnf 1934 2794 0.58 2.17 TO 0.64 402 Promedus.11.uai.cnf 1769 2138 3.72 50.09 TO 0.64 403 Configuration.C211.FW.cnf 1665 2646 0.51 0.53 TO 0.62 404 relational.2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 406 s13207a.7.4.cnf 9386 11483 0.65 TO TO 0.61 407 bmc.bmc-ibm-10.cnf 59056 60788 0.63 0.49 TO 0.58 408 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 410 Network.90-25-3-q.cnf 7564 922 0.37 1.08 633.73 0.48 415 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 413 circuit.2bitmax.6.cnf 252 610 0.33 1.16 162.48 0.50 414 2bitmax.6.cnf 2553 885 0.33 0.24 TO 0.44 415 bnc.bmc-ibm-ibm-ibm-ibm-ibm-ibm-ibm-ibm-ibm-ibm	391	or_chain_72.fg.uai.cnf	2118	2519	0.71	4.34	ТО	0.76
1686 2676 0.64 2.22 TO 0.72	392	logistics.logistics.b.cnf	843	1846	0.79	1.89	ТО	0.74
Planning.prob004.pddl.cnf 2303 4107 0.70 2.44 TO 0.72	393	logistics.log-4.cnf	2303	4107	0.70	2.50	ТО	0.73
396 Promedus 20.uai.cnf 2118 2519 0.70 4.22 TO 0.72 397 circuit.s1423.bench.cnf 748 907 0.57 0.41 8.46 0.70 398 Network.90-22-5-q.cnf 2332 859 0.51 0.15 TO 0.69 399 s13207a.15.7.cnf 9455 11598 0.66 1337.47 TO 0.69 400 or.chain.10.fg.uai.cnf 1769 2138 3.71 50.86 TO 0.66 401 Configuration.C210.FVF.cnf 1934 2794 0.58 2.17 TO 0.64 402 Promedus.11.uai.cnf 1769 2138 3.72 50.09 TO 0.64 403 Configuration.C211.FW.cnf 1665 2646 0.51 0.53 TO 0.62 404 relational.2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30a.3 wesp.uai.cnf 252 839 0.46 6.02 <td>394</td> <td>logistics.b.cnf.uai.cnf</td> <td>1686</td> <td>2676</td> <td>0.64</td> <td>2.22</td> <td>ТО</td> <td>0.72</td>	394	logistics.b.cnf.uai.cnf	1686	2676	0.64	2.22	ТО	0.72
397 circuit.s1423.bench.cnf 748 907 0.57 0.41 8.46 0.70 398 Network.90-22-5-q.cnf 2332 859 0.51 0.15 TO 0.69 399 s13207a.15-7.cnf 9455 11598 0.66 1337.47 TO 0.69 400 or.chain.10.fg.uai.cnf 1769 2138 3.71 50.86 TO 0.66 401 Configuration.C210.FVF.cnf 1934 2794 0.58 2.17 TO 0.64 402 Promedus.11.uai.cnf 1769 2138 3.72 50.09 TO 0.64 403 Configuration.C211.FW.cnf 1665 2646 0.51 0.53 TO 0.62 404 relational.2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30a.3.wesp.uai.cnf 252 839 0.46 6.02 TO 0.61 406 s13207a.7.4.cnf 9386 11483 0.65 TO	395	Planning.prob004.pddl.cnf	2303	4107	0.70	2.44	ТО	0.72
398 Network.90-22-5-q.cnf 2332 859 0.51 0.15 TO 0.69 399 s13207a_15_7.cnf 9455 11598 0.66 1337.47 TO 0.69 400 or_chain_10.fg_uai.cnf 1769 2138 3.71 50.86 TO 0.66 401 Configuration.C210.FVF.cnf 1934 2794 0.58 2.17 TO 0.64 402 Promedus_11.uai.cnf 1769 2138 3.72 50.09 TO 0.64 403 Configuration.C211.FW.cnf 1665 2646 0.51 0.53 TO 0.62 404 relational_2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30a_3.wesp.uai.cnf 252 839 0.46 6.02 TO 0.61 406 s13207a_7.4.cnf 9386 11483 0.65 TO TO 0.61 407 bmc.bmc-bmc-ibm-10.cnf 59056 60788 0.63 0.49	396	Promedus_20.uai.cnf	2118	2519	0.70	4.22	ТО	0.72
399 s13207a_15_7.cnf 9455 11598 0.66 1337.47 TO 0.69 400 or_chain_10.fg_uai.cnf 1769 2138 3.71 50.86 TO 0.66 401 Configuration.C210_FVF.cnf 1934 2794 0.58 2.17 TO 0.64 402 Promedus_11.uai.cnf 1769 2138 3.72 50.09 TO 0.64 403 Configuration.C211.FW.cnf 1665 2646 0.51 0.53 TO 0.62 404 relational_2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30a_3.wcsp_uai.cnf 252 839 0.46 6.02 TO 0.61 405 GEOM30a_3.wcsp_uai.cnf 252 839 0.46 6.02 TO 0.61 406 s13207a_7.4.cnf 9386 11483 0.65 TO TO 0.61 407 bmc.bmc-bm-l0.cnf 59056 60788 0.63 0.49	397	circuit.s1423.bench.cnf	748	907	0.57	0.41	8.46	0.70
400 or_chain_10.fg.uai.cnf 1769 2138 3.71 50.86 TO 0.66 401 Configuration.C210.FVF.cnf 1934 2794 0.58 2.17 TO 0.64 402 Promedus_11.uai.cnf 1769 2138 3.72 50.09 TO 0.64 403 Configuration.C211.FW.cnf 1665 2646 0.51 0.53 TO 0.62 404 relational_2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30a_3.wcsp.uai.cnf 252 839 0.46 6.02 TO 0.61 406 s13207a_7.4.cnf 9386 11483 0.65 TO TO 0.61 407 bmc.bme-ibm-10.cnf 59056 60788 0.63 0.49 TO 0.58 408 Planning.4blocks.cnf 758 6467 0.70 1.17 74.33 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 <td>398</td> <td>Network.90-22-5-q.cnf</td> <td>2332</td> <td>859</td> <td>0.51</td> <td>0.15</td> <td>ТО</td> <td>0.69</td>	398	Network.90-22-5-q.cnf	2332	859	0.51	0.15	ТО	0.69
401 Configuration.C210.FVF.cnf 1934 2794 0.58 2.17 TO 0.64 402 Promedus.11.uai.cnf 1769 2138 3.72 50.09 TO 0.64 403 Configuration.C211.FW.cnf 1665 2646 0.51 0.53 TO 0.62 404 relational.2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30a.3.wcsp.uai.cnf 252 839 0.46 6.02 TO 0.61 406 s13207a.7.4.cnf 9386 11483 0.65 TO TO 0.61 407 bmc.bmc-ibm-10.cnf 59056 60788 0.63 0.49 TO 0.58 408 Planning.blocks.cnf 758 6467 0.70 1.17 74.33 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 410 Network.75-12-1-q.cnf 672 413 0.43 0.19	399	$s13207a_15_7.cnf$	9455	11598	0.66	1337.47	ТО	0.69
402 Promedus_11.uai.cnf 1769 2138 3.72 50.09 TO 0.64 403 Configuration.C211_FW.cnf 1665 2646 0.51 0.53 TO 0.62 404 relational_2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30a_3.wcsp.uai.cnf 252 839 0.46 6.02 TO 0.61 406 s13207a_7.4.cnf 9386 11483 0.65 TO TO 0.61 407 bmc.bmc-ibm-10.cnf 59056 60788 0.63 0.49 TO 0.58 408 Planning.4blocks.cnf 758 6467 0.70 1.17 74.33 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 410 Network.75-12-1-q.cnf 672 413 0.43 0.19 596.35 0.54 411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13	400	or_chain_10.fg.uai.cnf	1769	2138	3.71	50.86	ТО	0.66
403 Configuration.C211.FW.cnf 1665 2646 0.51 0.53 TO 0.62 404 relational.2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30a.3.wcsp.uai.cnf 252 839 0.46 6.02 TO 0.61 406 s13207a.7.4.cnf 9386 11483 0.65 TO TO 0.61 407 bmc.bmc-ibm-10.cnf 59056 60788 0.63 0.49 TO 0.58 408 Planning.4blocks.cnf 758 6467 0.70 1.17 74.33 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 410 Network.75-12-1-q.cnf 672 413 0.43 0.19 596.35 0.54 411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70	401	Configuration.C210_FVF.cnf	1934	2794	0.58	2.17	ТО	0.64
404 relational_2.uai.cnf 77500 89750 0.55 1.37 TO 0.62 405 GEOM30a_3.wesp.uai.cnf 252 839 0.46 6.02 TO 0.61 406 s13207a_7.4.cnf 9386 11483 0.65 TO TO 0.61 407 bmc.bmc-ibm-10.cnf 59056 60788 0.63 0.49 TO 0.58 408 Planning.4blocks.cnf 758 6467 0.70 1.17 74.33 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 410 Network.75-12-1-q.cnf 672 413 0.43 0.19 596.35 0.54 411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 413 circuit.2bitmax_6.cnf 252 610 0.33 1.16	402	Promedus_11.uai.cnf	1769	2138	3.72	50.09	ТО	0.64
405 GEOM30a_3.wcsp.uai.cnf 252 839 0.46 6.02 TO 0.61 406 s13207a_7.4.cnf 9386 11483 0.65 TO TO 0.61 407 bmc.bmc-ibm-10.cnf 59056 60788 0.63 0.49 TO 0.58 408 Planning.4blocks.cnf 758 6467 0.70 1.17 74.33 0.58 409 Planning.prob04-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 410 Network.75-12-1-q.cnf 672 413 0.43 0.19 596.35 0.54 411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 413 circuit.2bitmax_6.cnf 252 610 0.33 1.16 162.48 0.50 414 2bitmax_6.cnf.uai.cnf 564 922 0.37 1.08	403	Configuration.C211_FW.cnf	1665	2646	0.51	0.53	ТО	0.62
406 s13207a_7_4.cnf 9386 11483 0.65 TO TO 0.61 407 bmc.bmc-ibm-10.cnf 59056 60788 0.63 0.49 TO 0.58 408 Planning.4blocks.cnf 758 6467 0.70 1.17 74.33 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 410 Network.75-12-1-q.cnf 672 413 0.43 0.19 596.35 0.54 411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 413 circuit.2bitmax_6.cnf 252 610 0.33 1.16 162.48 0.50 414 2bitmax_6.cnf.uai.cnf 564 922 0.37 1.08 633.73 0.48 415 Network.90-23-1-q.cnf 2553 885 0.33 0.24	404	relational_2.uai.cnf	77500	89750	0.55	1.37	ТО	0.62
407 bmc.bmc-ibm-10.cnf 59056 60788 0.63 0.49 TO 0.58 408 Planning.4blocks.cnf 758 6467 0.70 1.17 74.33 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 410 Network.75-12-1-q.cnf 672 413 0.43 0.19 596.35 0.54 411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 413 circuit.2bitmax_6.cnf 252 610 0.33 1.16 162.48 0.50 414 2bitmax_6.cnf.uai.cnf 564 922 0.37 1.08 633.73 0.48 415 Network.90-23-1-q.cnf 2553 885 0.33 0.24 TO 0.47 416 90-24-1.erg.cnf 1590 1499 0.36 0.20	405	GEOM30a_3.wcsp.uai.cnf	252	839	0.46	6.02	ТО	0.61
408 Planning.4blocks.cnf 758 6467 0.70 1.17 74.33 0.58 409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 410 Network.75-12-1-q.cnf 672 413 0.43 0.19 596.35 0.54 411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 413 circuit.2bitmax_6.cnf 252 610 0.33 1.16 162.48 0.50 414 2bitmax_6.cnf.uai.cnf 564 922 0.37 1.08 633.73 0.48 415 Network.90-23-1-q.cnf 2553 885 0.33 0.24 TO 0.48 416 90-24-1.erg.cnf 1590 1499 0.36 0.20 TO 0.47 417 bmc.bmc-ibm-6.cnf 51639 51815 0.45 0.21	406	s13207a_7_4.cnf	9386	11483	0.65	ТО	ТО	0.61
409 Planning.prob004-log-a.cnf 1790 3500 0.73 1.12 TO 0.58 410 Network.75-12-1-q.cnf 672 413 0.43 0.19 596.35 0.54 411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 413 circuit.2bitmax_6.cnf 252 610 0.33 1.16 162.48 0.50 414 2bitmax_6.cnf.uai.cnf 564 922 0.37 1.08 633.73 0.48 415 Network.90-23-1-q.cnf 2553 885 0.33 0.24 TO 0.48 416 90-24-1.erg.cnf 1590 1499 0.36 0.20 TO 0.47 417 bmc.bmc-ibm-6.cnf 51639 51815 0.45 0.21 TO 0.47	407	bmc.bmc-ibm-10.cnf	59056	60788	0.63	0.49	ТО	0.58
410 Network.75-12-1-q.cnf 672 413 0.43 0.19 596.35 0.54 411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 413 circuit.2bitmax_6.cnf 252 610 0.33 1.16 162.48 0.50 414 2bitmax_6.cnf.uai.cnf 564 922 0.37 1.08 633.73 0.48 415 Network.90-23-1-q.cnf 2553 885 0.33 0.24 TO 0.48 416 90-24-1.erg.cnf 1590 1499 0.36 0.20 TO 0.47 417 bmc.bmc-ibm-6.cnf 51639 51815 0.45 0.21 TO 0.47	408	Planning.4blocks.cnf	758	6467	0.70	1.17	74.33	0.58
411 Network.90-25-3-q.cnf 3025 1065 0.44 0.13 TO 0.52 412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 413 circuit.2bitmax_6.cnf 252 610 0.33 1.16 162.48 0.50 414 2bitmax_6.cnf.uai.cnf 564 922 0.37 1.08 633.73 0.48 415 Network.90-23-1-q.cnf 2553 885 0.33 0.24 TO 0.48 416 90-24-1.erg.cnf 1590 1499 0.36 0.20 TO 0.47 417 bmc.bmc-ibm-6.cnf 51639 51815 0.45 0.21 TO 0.47	409	Planning.prob004-log-a.cnf	1790	3500	0.73	1.12	ТО	0.58
412 Network.90-38-4-q.cnf 7068 2118 0.47 0.70 TO 0.51 413 circuit.2bitmax_6.cnf 252 610 0.33 1.16 162.48 0.50 414 2bitmax_6.cnf.uai.cnf 564 922 0.37 1.08 633.73 0.48 415 Network.90-23-1-q.cnf 2553 885 0.33 0.24 TO 0.48 416 90-24-1.erg.cnf 1590 1499 0.36 0.20 TO 0.47 417 bmc.bmc-ibm-6.cnf 51639 51815 0.45 0.21 TO 0.47	410	Network.75-12-1-q.cnf	672	413	0.43	0.19	596.35	0.54
413 circuit.2bitmax_6.cnf 252 610 0.33 1.16 162.48 0.50 414 2bitmax_6.cnf.uai.cnf 564 922 0.37 1.08 633.73 0.48 415 Network.90-23-1-q.cnf 2553 885 0.33 0.24 TO 0.48 416 90-24-1.erg.cnf 1590 1499 0.36 0.20 TO 0.47 417 bmc.bmc-ibm-6.cnf 51639 51815 0.45 0.21 TO 0.47	411	Network.90-25-3-q.cnf	3025	1065	0.44	0.13	ТО	0.52
414 2bitmax_6.cnf.uai.cnf 564 922 0.37 1.08 633.73 0.48 415 Network.90-23-1-q.cnf 2553 885 0.33 0.24 TO 0.48 416 90-24-1.erg.cnf 1590 1499 0.36 0.20 TO 0.47 417 bmc.bmc-ibm-6.cnf 51639 51815 0.45 0.21 TO 0.47	412		7068	2118	0.47	0.70	ТО	0.51
415 Network.90-23-1-q.cnf 2553 885 0.33 0.24 TO 0.48 416 90-24-1.erg.cnf 1590 1499 0.36 0.20 TO 0.47 417 bmc.bmc-ibm-6.cnf 51639 51815 0.45 0.21 TO 0.47	413	$circuit.2bitmax_6.cnf$	252	610	0.33	1.16	162.48	0.50
416 90-24-1.erg.cnf 1590 1499 0.36 0.20 TO 0.47 417 bmc.bmc-ibm-6.cnf 51639 51815 0.45 0.21 TO 0.47	414		564	922	0.37	1.08	633.73	0.48
416 90-24-1.erg.cnf 1590 1499 0.36 0.20 TO 0.47 417 bmc.bmc-ibm-6.cnf 51639 51815 0.45 0.21 TO 0.47	415	Network.90-23-1-q.cnf	2553	885	0.33	0.24	ТО	0.48
	416	90-24-1.erg.cnf	1590	1499	0.36	0.20	ТО	0.47
418 circuit.ra.cnf 1236 11416 0.31 0.91 TO 0.46	417	bmc.bmc-ibm-6.cnf	51639	51815	0.45	0.21	ТО	0.47
	418	circuit.ra.cnf	1236	11416	0.31	0.91	ТО	0.46

419	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
Network.75-14-2-q.cnf 924 500 0.36 0.17 TO 0.41 422 Network.90-23-7-q.cnf 2553 810 0.34 0.08 TO 0.40 423 random.uf250-025.cnf 250 929 0.41 0.38 33.44 0.40 424 BN.41-erg.cnf 3891 3497 0.31 0.34 TO 0.37 425 random.uf250-016.cnf 250 947 0.34 0.63 53.06 0.37 426 99-30-1-60.erg.cnf 2426 2262 0.16 0.17 TO 0.36 427 random.uf250-033.cnf 250 959 0.28 0.23 30.69 0.36 428 random.uf250-088.cnf 250 937 0.53 0.21 38.19 0.35 429 Network.90-21-2-q.cnf 2121 764 0.32 0.18 TO 0.33 430 90-24-1-c20-erg.cnf 1590 1500 0.38 0.39 TO 0.33 431 Configuration.C638.FKB.cnf 1784 2281 0.26 0.55 TO 0.33 432 Network.90-15-2-q.cnf 1920 698 0.16 0.12 TO 0.32 433 Network.90-20-2-q.cnf 1920 698 0.16 0.12 TO 0.32 434 Network.90-24-r-q.cnf 2784 922 0.25 0.18 TO 0.29 435 Network.bush.p.15.03.net.cnf 37709 37960 0.27 0.22 4595.40 0.27 436 BN.79.erg.cnf 564 577 0.25 0.99 TO 0.26 437 Configuration.C171.FR.cnf 1758 2793 0.23 1.05 TO 0.26 438 Network.90-25-10-q.cnf 3025 977 0.16 0.12 TO 0.26 439 s13207a.3.2.cnf 9368 1121 0.18 2.25 TO 0.26 440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 564 577 0.25 0.99 TO 0.26 442 random.u250-015.cnf 250 938 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.u250-015.cnf 250 938 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.u250-074.cnf 250 938 0.24 0.12 1.810 0.23 445 Network.blockmap.15.02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.u250-06.cnf 250 938 0.24 0.12 1.810 0.23 447 random.u250-06.cnf 250 978 0.14	I		1					
422 Network.90-23-7-q.cnf 2553 810 0.34 0.08 TO 0.40 423 random.uf250-025.cnf 250 929 0.41 0.38 33.44 0.40 424 BN.41.erg.cnf 3891 3497 0.31 0.34 TO 0.37 425 random.uf250-016.cnf 250 947 0.34 0.63 53.06 0.37 426 90-30-1e60.erg.cnf 2426 2262 0.16 0.17 TO 0.36 427 random.uf250-033.cnf 250 959 0.28 0.23 30.69 0.36 428 random.uf250-088.cnf 250 937 0.53 0.21 38.19 0.35 429 Network.90-21-2-q.cnf 2121 764 0.32 0.18 TO 0.34 430 90-24-1c20.erg.cnf 1590 1500 0.38 0.39 TO 0.33 431 Network.90-15-2-q.cnf 1920 698 0.16 0.12 TO	I		1377			0.14		0.45
423 random.uf250-025.cnf 250 929 0.41 0.38 33.44 0.40 424 BN.A1.erg.cnf 3891 3497 0.31 0.34 TO 0.37 425 random.uf250-016.cnf 250 947 0.34 0.63 53.06 0.37 426 90-30-1e60.erg.cnf 2426 2262 0.16 0.17 TO 0.36 427 random.uf250-038.cnf 250 959 0.28 0.23 30.69 0.36 428 random.uf250-088.cnf 250 937 0.53 0.21 38.19 0.35 429 Network.90-12-q.cnf 1590 1500 0.38 0.39 TO 0.34 430 90-24-1e20.erg.cnf 1590 1500 0.38 0.39 TO 0.33 431 Configuration.C638.FKB.cnf 1784 2281 0.26 55 TO 0.33 432 Network.90-15-2-q.cnf 1065 468 0.13 0.10 TO			1			0.17		0.41
424 BN.41.erg.cnf 3891 3497 0.31 0.34 TO 0.37 425 random.ul250-016.cnf 250 947 0.34 0.63 53.06 0.37 426 90-30-1e60.erg.cnf 2426 2262 0.16 0.17 TO 0.36 427 random.ul250-033.cnf 250 959 0.28 0.23 30.69 0.36 428 random.ul250-088.cnf 250 937 0.53 0.21 38.19 0.35 429 Network.90-21-2-q.cnf 1500 0.38 0.39 TO 0.33 430 90-24-1e20.erg.cnf 1500 0.38 0.39 TO 0.33 431 Configuration.C638.FKB.cnf 1784 2281 0.26 0.55 TO 0.33 432 Network.90-15-2-q.cnf 1920 698 0.16 0.12 TO 0.32 433 Network.90-24-7-q.cnf 1920 698 0.16 0.12 TO 0.29	422	Network.90-23-7-q.cnf	2553	810	0.34	0.08	ТО	0.40
425 random.uf250-016.cnf 250 947 0.34 0.63 53.06 0.37 426 90-30-1e60.erg.cnf 2426 2262 0.16 0.17 TO 0.36 427 random.uf250-033.cnf 250 959 0.28 0.23 30.69 0.36 428 random.uf250-088.cnf 250 937 0.53 0.21 38.19 0.35 429 Network.90-21-2-q.cnf 2121 764 0.32 0.18 TO 0.34 430 90-24-1e20.erg.cnf 1590 1500 0.38 0.39 TO 0.33 431 Configuration.C638-FKB.cnf 1784 2281 0.26 0.55 TO 0.33 432 Network.90-15-2-q.cnf 1065 468 0.13 0.10 TO 0.32 433 Network.90-24-7-q.cnf 1920 698 0.16 0.12 TO 0.30 434 Network.90-24-7-q.cnf 2784 922 0.25 0.18 <td< td=""><td>423</td><td>random.uf250-025.cnf</td><td>250</td><td>929</td><td>0.41</td><td>0.38</td><td>33.44</td><td>0.40</td></td<>	423	random.uf250-025.cnf	250	929	0.41	0.38	33.44	0.40
426 90-30-1e60.erg.cnf 2426 2262 0.16 0.17 TO 0.36 427 random.ul250-033.cnf 250 959 0.28 0.23 30.69 0.36 428 random.ul250-088.cnf 250 937 0.53 0.21 38.19 0.35 429 Network.90-21-2-q.cnf 2121 764 0.32 0.18 TO 0.34 430 90-24-1e20.erg.cnf 1590 1500 0.38 0.39 TO 0.33 431 Configuration.C638_FKB.cnf 1784 2281 0.26 0.55 TO 0.33 432 Network.90-15-2-q.cnf 1065 468 0.13 0.10 TO 0.32 433 Network.90-24-7-q.cnf 1920 698 0.16 0.12 TO 0.30 434 Network.90-24-7-q.cnf 2784 922 0.25 0.18 TO 0.29 435 Network.blockmap.15.03.net.cnf 3779 37960 0.27 0.22	424	BN_41.erg.cnf	3891	3497	0.31	0.34	ТО	0.37
427 random.uf250-033.cnf 250 959 0.28 0.23 30.69 0.36 428 random.uf250-088.cnf 250 937 0.53 0.21 38.19 0.35 429 Network.90-21-2-q.cnf 2121 764 0.32 0.18 TO 0.34 430 90-24-1e20.erg.cnf 1590 1500 0.38 0.39 TO 0.33 431 Configuration.C638.FKB.cnf 1784 2281 0.26 0.55 TO 0.33 432 Network.90-15-2-q.cnf 1920 698 0.16 0.12 TO 0.32 433 Network.90-22-4-cnf 1920 698 0.16 0.12 TO 0.30 434 Network.90-24-7-q.cnf 2784 922 0.25 0.18 TO 0.29 435 Network.blockmap.15.03.net.cnf 37709 37960 0.27 0.22 4595.40 0.27 436 BN.79.erg.cnf 564 577 0.25 0.99	425	random.uf250-016.cnf	250	947	0.34	0.63	53.06	0.37
428 random.uf250-088.cnf 250 937 0.53 0.21 38.19 0.35 429 Network.90-21-2-q.cnf 2121 764 0.32 0.18 TO 0.34 430 90-24-1e20.erg.cnf 1590 1500 0.38 0.39 TO 0.33 431 Configuration.C638.FKB.cnf 1784 2281 0.26 0.55 TO 0.33 432 Network.90-15-2-q.cnf 1065 468 0.13 0.10 TO 0.32 433 Network.90-20-q.cnf 1920 698 0.16 0.12 TO 0.30 434 Network.90-24-7-q.cnf 2784 922 0.25 0.18 TO 0.29 435 Network.90-24-7-q.cnf 37709 37960 0.27 0.22 4595.40 0.27 436 BN.79-erg.cnf 564 577 0.25 0.99 TO 0.26 437 Configuration.C171.FR.cnf 1758 2793 0.23 1.05 <	426	90-30-1e60.erg.cnf	2426	2262	0.16	0.17	ТО	0.36
Network.90-21-2-q.cnf 2121 764 0.32 0.18 TO 0.34 430 90-24-1e20.erg.cnf 1590 1500 0.38 0.39 TO 0.33 431 Configuration.C638.FKB.cnf 1784 2281 0.26 0.55 TO 0.33 432 Network.90-15-2-q.cnf 1065 468 0.13 0.10 TO 0.32 433 Network.90-20-2-q.cnf 1920 698 0.16 0.12 TO 0.30 434 Network.90-24-7-q.cnf 2784 922 0.25 0.18 TO 0.29 435 Network.blockmap.15.03.net.cnf 37709 37960 0.27 0.22 4595.40 0.27 436 BN.79.erg.cnf 564 577 0.25 0.99 TO 0.26 437 Configuration.C171.FR.cnf 1758 2793 0.23 1.05 TO 0.26 438 Network.90-25-10-q.cnf 3025 977 0.16 0.12 TO 0.26 439 s13207a.3.2.cnf 9368 11212 0.18 2.25 TO 0.26 440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 442 random.ur250-015.cnf 250 946 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 445 Network.blockmap.15.02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.ur250-042.cnf 250 938 0.24 0.12 18.10 0.23 445 Network.blockmap.15.02.net.cnf 250 758 0.14 0.49 37.01 0.22 448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 450 bmc.bmc.bmc.bmf.lcnf 9685 10597 0.25 0.50 2.62 0.20 0.20 0.25 0	427	random.uf250-033.cnf	250	959	0.28	0.23	30.69	0.36
1590 1500 0.38 0.39 TO 0.33 131	428	random.uf250-088.cnf	250	937	0.53	0.21		0.35
A31 Configuration.C638.FKB.cnf 1784 2281 0.26 0.55 TO 0.33 A32 Network.90-15-2-q.cnf 1065 468 0.13 0.10 TO 0.32 A33 Network.90-20-2-q.cnf 1920 698 0.16 0.12 TO 0.30 A34 Network.90-24-7-q.cnf 2784 922 0.25 0.18 TO 0.29 A35 Network.blockmap.15.03.net.cnf 37709 37960 0.27 0.22 4595.40 0.27 A36 BN.79.erg.cnf 564 577 0.25 0.99 TO 0.26 A37 Configuration.C171.FR.cnf 1758 2793 0.23 1.05 TO 0.26 A38 Network.90-25-10-q.cnf 3025 977 0.16 0.12 TO 0.26 A39 s13207a.3.cnf 9368 11212 0.18 2.25 TO 0.26 A49 s13207a.3.cnf 560 1153 0.17 0.42 1.71 0.25 A41 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 A42 random.uf250-015.cnf 250 946 0.24 0.19 34.44 0.24 A43 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 A44 random.uf250-042.cnf 250 938 0.24 0.12 18.10 0.23 A44 random.uf250-06c.nf 250 938 0.24 0.12 18.10 0.23 A45 Network.blockmap.15.02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 A46 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 A47 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 A48 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 A48 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 A49 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 A49 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 A49 90-30-1e80.erg.cnf 3276 1098 0.18 0.22 TO 0.21 A50 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 A50 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 A50 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 A50 bmc.bmc-ibm-1.cnf 3276 1098 0.18 0.22 TO 0.21 A50 circuit.s1238.bench.cnf 539 1234 0.19 0.50 2.62 0.20	429	Network.90-21-2-q.cnf	2121	764	0.32	0.18	ТО	0.34
432 Network.90-15-2-q.cnf 1065 468 0.13 0.10 TO 0.32 433 Network.90-20-2-q.cnf 1920 698 0.16 0.12 TO 0.30 434 Network.90-24-7-q.cnf 2784 922 0.25 0.18 TO 0.29 435 Network.blockmap.15.03.net.cnf 37709 37960 0.27 0.22 4595.40 0.27 436 BN.79.erg.cnf 564 577 0.25 0.99 TO 0.26 437 Configuration.C171.FR.cnf 1758 2793 0.23 1.05 TO 0.26 438 Network.90-25-10-q.cnf 3025 977 0.16 0.12 TO 0.26 439 s13207a.3.2.cnf 9368 11212 0.18 2.25 TO 0.26 440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 672 418 0.22 0.13	430	90-24-1e20.erg.cnf	1590	1500	0.38	0.39	ТО	0.33
433 Network.90-20-2-q.cnf 1920 698 0.16 0.12 TO 0.30 434 Network.90-24-7-q.cnf 2784 922 0.25 0.18 TO 0.29 435 Network.blockmap.15.03.net.cnf 37709 37960 0.27 0.22 4595.40 0.27 436 BN.79.erg.cnf 564 577 0.25 0.99 TO 0.26 437 Configuration.C171.FR.cnf 1758 2793 0.23 1.05 TO 0.26 438 Network.90-25-10-q.cnf 3025 977 0.16 0.12 TO 0.26 439 s13207a.3_2.cnf 9368 11212 0.18 2.25 TO 0.26 440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 442 random.uf250-015.cnf 250 946 0.24 0.19	431	Configuration.C638_FKB.cnf	1784	2281	0.26	0.55	ТО	0.33
434 Network.90-24-7-q.cnf 2784 922 0.25 0.18 TO 0.29 435 Network.blockmap.15.03.net.cnf 37709 37960 0.27 0.22 4595.40 0.27 436 BN79.erg.cnf 564 577 0.25 0.99 TO 0.26 437 Configuration.C171.FR.cnf 1758 2793 0.23 1.05 TO 0.26 438 Network.90-25-10-q.cnf 3025 977 0.16 0.12 TO 0.26 439 s13207a.3.2.cnf 9368 11212 0.18 2.25 TO 0.26 440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 442 random.uf250-015.cnf 250 946 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34	432	Network.90-15-2-q.cnf	1065	468	0.13	0.10	ТО	0.32
435 Network.blockmap.15.03.net.cnf 37709 37960 0.27 0.22 4595.40 0.27 436 BN.79.erg.cnf 564 577 0.25 0.99 TO 0.26 437 Configuration.C171.FR.cnf 1758 2793 0.23 1.05 TO 0.26 438 Network.90-25-10-q.cnf 3025 977 0.16 0.12 TO 0.26 439 s13207a.3.2.cnf 9368 11212 0.18 2.25 TO 0.26 440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 442 random.uf250-015.cnf 250 946 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.uf250-042.cnf 250 938 0.24 0.12	433	Network.90-20-2-q.cnf	1920	698	0.16	0.12	ТО	0.30
436 BN.79.erg.cnf 564 577 0.25 0.99 TO 0.26 437 Configuration.C171.FR.cnf 1758 2793 0.23 1.05 TO 0.26 438 Network.90-25-10-q.cnf 3025 977 0.16 0.12 TO 0.26 439 s13207a.3-2.cnf 9368 11212 0.18 2.25 TO 0.26 440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 442 random.uf250-015.cnf 250 946 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.uf250-042.cnf 250 938 0.24 0.12 18.10 0.23 445 Network.blockmap_15_02.net.cnf 35386 35504 0.23 0.03	434	Network.90-24-7-q.cnf	2784	922	0.25	0.18	ТО	0.29
437 Configuration.C171_FR.cnf 1758 2793 0.23 1.05 TO 0.26 438 Network.90-25-10-q.cnf 3025 977 0.16 0.12 TO 0.26 439 s13207a.3_2.cnf 9368 11212 0.18 2.25 TO 0.26 440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 442 random.uf250-015.cnf 250 946 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.uf250-042.cnf 250 938 0.24 0.12 18.10 0.23 445 Network.blockmap.15.02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.uf250-066.cnf 250 912 0.22 0.28	435	Network.blockmap_15_03.net.cnf	37709	37960	0.27	0.22	4595.40	0.27
438 Network.90-25-10-q.cnf 3025 977 0.16 0.12 TO 0.26 439 s13207a.3-2.cnf 9368 11212 0.18 2.25 TO 0.26 440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 442 random.uf250-015.cnf 250 946 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.uf250-042.cnf 250 938 0.24 0.12 18.10 0.23 445 Network.blockmap_15_02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.uf250-066.cnf 250 912 0.22 0.28 28.56 0.22 447 random.uf250-074.cnf 250 758 0.14 0.49 <td>436</td> <td>BN_79.erg.cnf</td> <td>564</td> <td>577</td> <td>0.25</td> <td>0.99</td> <td>ТО</td> <td>0.26</td>	436	BN_79.erg.cnf	564	577	0.25	0.99	ТО	0.26
439 s13207a.3.2.cnf 9368 11212 0.18 2.25 TO 0.26 440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 442 random.uf250-015.cnf 250 946 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.uf250-042.cnf 250 938 0.24 0.12 18.10 0.23 445 Network.blockmap_15_02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.uf250-066.cnf 250 912 0.22 0.28 28.56 0.22 447 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 <td>437</td> <td>Configuration.C171_FR.cnf</td> <td>1758</td> <td>2793</td> <td>0.23</td> <td>1.05</td> <td>ТО</td> <td>0.26</td>	437	Configuration.C171_FR.cnf	1758	2793	0.23	1.05	ТО	0.26
440 circuit.s1196.bench.cnf 560 1153 0.17 0.42 1.71 0.25 441 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 442 random.uf250-015.cnf 250 946 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.uf250-042.cnf 250 938 0.24 0.12 18.10 0.23 445 Network.blockmap.15.02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.uf250-066.cnf 250 912 0.22 0.28 28.56 0.22 447 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 </td <td>438</td> <td>Network.90-25-10-q.cnf</td> <td>3025</td> <td>977</td> <td>0.16</td> <td>0.12</td> <td>ТО</td> <td>0.26</td>	438	Network.90-25-10-q.cnf	3025	977	0.16	0.12	ТО	0.26
441 Network.75-12-3-q.cnf 672 418 0.22 0.13 635.47 0.25 442 random.uf250-015.cnf 250 946 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.uf250-042.cnf 250 938 0.24 0.12 18.10 0.23 445 Network.blockmap_15_02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.uf250-066.cnf 250 912 0.22 0.28 28.56 0.22 447 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 450 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54	439	s13207a_3_2.cnf	9368	11212	0.18	2.25	ТО	0.26
442 random.uf250-015.cnf 250 946 0.24 0.19 34.44 0.24 443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.uf250-042.cnf 250 938 0.24 0.12 18.10 0.23 445 Network.blockmap_15_02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.uf250-066.cnf 250 912 0.22 0.28 28.56 0.22 447 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 450 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 451 Network.90-26-4-q.cnf 3276 1098 0.18 0.22	440	circuit.s1196.bench.cnf	560	1153	0.17	0.42	1.71	0.25
443 90-26-1e40.erg.cnf 1834 1769 0.21 0.34 TO 0.23 444 random.uf250-042.cnf 250 938 0.24 0.12 18.10 0.23 445 Network.blockmap_15_02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.uf250-066.cnf 250 912 0.22 0.28 28.56 0.22 447 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 450 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 451 Network.90-26-4-q.cnf 3276 1098 0.18 0.22 TO 0.21 452 circuit.s1238.bench.cnf 539 1234 0.19 0.50	441	Network.75-12-3-q.cnf	672	418	0.22	0.13	635.47	0.25
444 random.uf250-042.cnf 250 938 0.24 0.12 18.10 0.23 445 Network.blockmap_15_02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.uf250-066.cnf 250 912 0.22 0.28 28.56 0.22 447 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 450 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 451 Network.90-26-4-q.cnf 3276 1098 0.18 0.22 TO 0.21 452 circuit.s1238.bench.cnf 539 1234 0.19 0.50 2.62 0.20	442	random.uf250-015.cnf	250	946	0.24	0.19	34.44	0.24
445 Network.blockmap_15_02.net.cnf 35386 35504 0.23 0.03 61.95 0.22 446 random.uf250-066.cnf 250 912 0.22 0.28 28.56 0.22 447 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 450 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 451 Network.90-26-4-q.cnf 3276 1098 0.18 0.22 TO 0.21 452 circuit.s1238.bench.cnf 539 1234 0.19 0.50 2.62 0.20	443	90-26-1e40.erg.cnf	1834	1769	0.21	0.34	ТО	0.23
446 random.uf250-066.cnf 250 912 0.22 0.28 28.56 0.22 447 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 450 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 451 Network.90-26-4-q.cnf 3276 1098 0.18 0.22 TO 0.21 452 circuit.s1238.bench.cnf 539 1234 0.19 0.50 2.62 0.20	444	random.uf250-042.cnf	250	938	0.24	0.12	18.10	0.23
447 random.uf250-074.cnf 250 758 0.14 0.49 37.01 0.22 448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 450 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 451 Network.90-26-4-q.cnf 3276 1098 0.18 0.22 TO 0.21 452 circuit.s1238.bench.cnf 539 1234 0.19 0.50 2.62 0.20	445	Network.blockmap_15_02.net.cnf	35386	35504	0.23	0.03	61.95	0.22
448 90-26-1e20.erg.cnf 1834 1769 0.20 0.36 TO 0.21 449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 450 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 451 Network.90-26-4-q.cnf 3276 1098 0.18 0.22 TO 0.21 452 circuit.s1238.bench.cnf 539 1234 0.19 0.50 2.62 0.20	446	m random.uf250-066.cnf	250	912	0.22	0.28	28.56	0.22
449 90-30-1e80.erg.cnf 2426 2262 0.16 0.21 TO 0.21 450 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 451 Network.90-26-4-q.cnf 3276 1098 0.18 0.22 TO 0.21 452 circuit.s1238.bench.cnf 539 1234 0.19 0.50 2.62 0.20	447	random.uf250-074.cnf	250	758	0.14	0.49	37.01	0.22
450 bmc.bmc-ibm-1.cnf 9685 10597 0.25 0.54 TO 0.21 451 Network.90-26-4-q.cnf 3276 1098 0.18 0.22 TO 0.21 452 circuit.s1238.bench.cnf 539 1234 0.19 0.50 2.62 0.20	448	90-26-1e20.erg.cnf	1834	1769	0.20	0.36	ТО	0.21
451 Network.90-26-4-q.cnf 3276 1098 0.18 0.22 TO 0.21 452 circuit.s1238.bench.cnf 539 1234 0.19 0.50 2.62 0.20	449	90-30-1e80.erg.cnf	2426	2262	0.16	0.21	ТО	0.21
452 circuit.s1238.bench.cnf 539 1234 0.19 0.50 2.62 0.20	450	bmc.bmc-ibm-1.cnf	9685	10597	0.25	0.54	ТО	0.21
	451	Network.90-26-4-q.cnf	3276	1098	0.18	0.22	ТО	0.21
453 Network.blockmap_15_01.net.cnf 33035 33061 0.20 0.02 2.66 0.20		circuit.s1238.bench.cnf	539	1234	0.19	0.50	2.62	0.20
	453	$Network.blockmap_15_01.net.cnf$	33035	33061	0.20	0.02	2.66	0.20

Network.75-12-2-q.cnf	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
456			1					
457 bmc.bmc.ibm-4.cnf 28161 28254 0.17 0.17 122.17 0.16 458 cd99.isc.erg.cnf 1072 1238 0.14 0.12 1.33 0.16 459 random.uf250-030.cnf 250 925 0.09 0.20 18.49 0.16 460 random.uf250-039.cnf 250 894 0.12 0.18 19.59 0.15 461 Network.90-19-1-q.cnf 1729 618 0.13 0.12 TO 0.14 462 Network.90-22-3-q.cnf 2332 799 0.13 0.14 TO 0.14 463 Network.90-22-8-q.cnf 3025 1062 0.06 0.26 TO 0.14 464 random.uf250-055.cnf 250 924 0.16 0.11 19.35 0.14 465 cd32:is.c.afuai.cnf 392 563 0.10 0.02 1.04 0.13 466 circuit.432:is.cnf 196 367 0.10 0.02 1.04	455		4380		l			
458 c499.isc.erg.cnf 1072 1238 0.14 0.12 1.33 0.16 459 random.ul250-064.cnf 250 925 0.09 0.20 18.49 0.16 460 random.ul250-039.cnf 250 894 0.12 0.18 19.59 0.15 461 Network.90-19-1-q.cnf 1729 618 0.13 0.12 TO 0.14 462 Network.90-22-2-q.cnf 2332 799 0.13 0.14 TO 0.14 463 Network.90-25-eq.cnf 3025 1062 0.06 0.26 TO 0.14 463 Network.90-25-eq.cnf 3025 1062 0.06 0.26 TO 0.14 464 random.ul250-055.cnf 250 924 0.16 0.11 19.35 0.14 465 c432.isc.enf.uai.cnf 392 563 0.10 0.02 1.04 0.13 466 circuit.e432.isc.enf 196 367 0.10 0.02 1.04<	456	random.uf250-089.cnf				0.65	39.79	0.17
459 random.uf250-064.cnf 250 925 0.09 0.20 18.49 0.16 460 random.uf250-039.cnf 250 894 0.12 0.18 19.59 0.15 461 Network.90-19-1-q.cnf 1729 618 0.13 0.12 TO 0.14 462 Network.90-22-2-q.cnf 2332 799 0.13 0.14 TO 0.14 463 Network.90-22-8-q.cnf 3025 1062 0.06 0.26 TO 0.14 464 random.uf250-055.cnf 250 924 0.16 0.11 19.35 0.14 465 c432.isc.enf.mai.cnf 392 563 0.10 0.02 1.04 0.13 466 circuit.e432.isc.cnf 196 367 0.10 0.02 1.04 0.12 467 Network.90-238-q.cnf 2553 846 0.10 0.10 TO 0.12 468 Network.90-238-q.cnf 3025 1015 0.08 0.07 T	457	bmc.bmc-ibm-4.cnf	28161	28254	0.17	0.17	122.17	0.16
460 random.uf250-039.cnf 250 894 0.12 0.18 19.59 0.15 461 Network.90-19-1-q.cnf 1729 618 0.13 0.12 TO 0.14 462 Network.90-22-2-q.cnf 2332 799 0.13 0.14 TO 0.14 463 Network.90-25-8-q.cnf 3025 1062 0.06 0.26 TO 0.14 464 random.uf250-055.cnf 250 924 0.16 0.11 19.35 0.14 465 c432.isc.cnf.uai.cnf 392 563 0.10 0.02 1.04 0.13 466 circuit.c432.isc.cnf 196 367 0.10 0.02 1.04 0.12 467 Network.90-23-8-q.cnf 2553 846 0.10 0.10 TO 0.12 468 Network.90-25-5-q.cnf 3025 1015 0.08 0.07 TO 0.12 469 Network.90-25-5-q.cnf 3276 1146 0.15 0.12 <th< td=""><td>458</td><td></td><td>1072</td><td>1238</td><td>0.14</td><td>0.12</td><td></td><td>0.16</td></th<>	458		1072	1238	0.14	0.12		0.16
Metwork.90-19-1-q.cnf 1729 618 0.13 0.12 TO 0.14 Metwork.90-22-2-q.cnf 2332 799 0.13 0.14 TO 0.14 Metwork.90-25-q.cnf 3025 1062 0.06 0.26 TO 0.14 Metwork.90-25-8-q.cnf 3025 1062 0.06 0.26 TO 0.14 Metwork.90-25-8-q.cnf 250 924 0.16 0.11 19.35 0.14 Metwork.90-25-6.01 250 924 0.16 0.11 19.35 0.14 Metwork.90-23-8-q.cnf 392 563 0.10 0.02 1.04 0.13 Metwork.90-23-8-q.cnf 2553 846 0.10 0.02 1.04 0.12 Metwork.90-23-8-q.cnf 2553 846 0.10 0.10 TO 0.12 Metwork.90-25-5-q.cnf 3025 1015 0.08 0.07 TO 0.12 Metwork.90-25-5-q.cnf 3025 1015 0.08 0.07 TO 0.12 Metwork.90-26-5-q.cnf 3276 1146 0.10 0.18 TO 0.11 Metwork.90-26-5-q.cnf 13766 15927 0.09 0.20 14.35 0.11 Metwork.90-26-6-q.cnf 1757 2069 0.12 0.30 TO 0.11 Metwork.90-26-10-q.cnf 460 310 0.11 0.06 288.18 0.10 Metwork.75-10-9-q.cnf 460 310 0.11 0.06 288.18 0.10 Metwork.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 Metwork.90-25-1-q.cnf 3025 988 0.05 0.08 TO 0.10 Metwork.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 Metwork.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 Metwork.90-26-10-q.cnf 1845 3304 0.09 0.21 TO 0.09 Metwork.90-26-10-q.cnf 1845 3304 0.09 0.21 TO 0.09 Metwork.90-24-q.cnf 1845 3304 0.09 0.23 TO 0.09 Metwork.90-24-q.cnf 2784 835 0.10 0.08 TO 0.09 Metwork.90-24-q.cnf 2784 835 0.10 0.08 TO 0.09 Metwork.90-24-q.cnf 2784 835 0.10 0.08 TO 0.09 Metwork.90-25-q.cnf 2784 835 0.10 0.08 TO 0.09 Metwork.90-20-5-q.cnf 1920 668 0.08 0.07 TO 0.08 Metwork.9	459		1		l		18.49	
Network.90-22-q.cnf 2332 799 0.13 0.14 TO 0.14 463 Network.90-25-8-q.cnf 3025 1062 0.06 0.26 TO 0.14 464 random.uf250-055.cnf 250 924 0.16 0.11 19.35 0.14 465 c432.isc.cnf.uai.cnf 392 563 0.10 0.02 1.04 0.13 466 circuit.c432.isc.cnf 196 367 0.10 0.02 1.04 0.12 467 Network.90-23-8-q.cnf 2553 846 0.10 0.10 TO 0.12 468 Network.90-25-5-q.cnf 3025 1015 0.08 0.07 TO 0.12 469 Network.75-15-4-q.cnf 1065 546 0.15 0.12 TO 0.11 470 Network.90-26-5-q.cnf 3276 1146 0.10 0.18 TO 0.11 471 Network.90-26-5-q.cnf 13786 15927 0.09 0.20 14.35 0.11 472 Promedus.28.uai.cnf 1757 2069 0.12 0.30 TO 0.11 473 Network.75-10-9-q.cnf 460 310 0.11 0.06 288.18 0.10 474 Network.75-12-7-q.cnf 672 378 0.12 0.05 659.21 0.10 475 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 476 Network.90-25-1-q.cnf 3025 988 0.05 0.08 TO 0.10 477 Network.90-25-1-q.cnf 3276 1067 0.13 0.17 TO 0.10 478 or.chain.148.fg.uai.cnf 1757 2069 0.12 0.30 TO 0.10 479 BN.108.erg.cnf 1845 3304 0.09 0.21 TO 0.09 481 BN.37.erg.cnf 3950 3476 0.08 0.16 TO 0.09 483 Promedus.12.uai.cnf 1944 2349 0.08 0.53 TO 0.09 484 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO 0.09 485 Network.90-21-7-q.cnf 1920 668 0.08 0.07 TO 0.08 486 Network.90-21-7-q.cnf 1920 668 0.08 0.07 TO 0.08 487 or.chain.152.fg.uai.cnf 1895 2114 0.07 0.18 TO 0.08	460	random.uf250-039.cnf	250	894	0.12	0.18		0.15
Network.90-25-8-q.cnf 3025 1062 0.06 0.26 TO 0.14 464	461	Network.90-19-1-q.cnf	1729	618	0.13	0.12		0.14
464 random.uf250-055.cnf 250 924 0.16 0.11 19.35 0.14 465 c432.isc.cnf.uai.cnf 392 563 0.10 0.02 1.04 0.13 466 circuit.c432.isc.cnf 196 367 0.10 0.02 1.04 0.12 467 Network.90-23-8-q.cnf 2553 846 0.10 0.10 TO 0.12 468 Network.90-25-5-q.cnf 3025 1015 0.08 0.07 TO 0.12 469 Network.75-15-4-q.cnf 1065 546 0.15 0.12 TO 0.11 470 Network.90-26-5-q.cnf 3276 1146 0.10 0.18 TO 0.11 471 Network.blockmap.10.03.net.cnf 13786 15927 0.09 0.20 14.35 0.11 472 Promedus.28.uai.cnf 1757 2069 0.12 0.30 TO 0.11 473 Network.75-10-9-q.cnf 460 310 0.11 0.06	l .		2332		0.13			0.14
465 c432.isc.enf.uai.enf 392 563 0.10 0.02 1.04 0.13 466 circuit.c432.isc.enf 196 367 0.10 0.02 1.04 0.12 467 Network.90-23-8-q.enf 2553 846 0.10 0.10 TO 0.12 468 Network.90-25-5-q.enf 3025 1015 0.08 0.07 TO 0.12 469 Network.75-15-4-q.enf 1065 546 0.15 0.12 TO 0.11 470 Network.90-26-5-q.enf 3276 1146 0.10 0.18 TO 0.11 471 Network.90-26-5-q.enf 13786 15927 0.09 0.20 14.35 0.11 472 Promedus 28.uai.enf 1757 2069 0.12 0.30 TO 0.11 473 Network.75-10-9-q.enf 460 310 0.11 0.06 288.18 0.10 474 Network.75-12-q-enf 2553 896 0.08 0.11	l .		1	1062	0.06		ТО	0.14
466 circuit.e432.isc.cnf 196 367 0.10 0.02 1.04 0.12 467 Network.90-23-8-q.cnf 2553 846 0.10 0.10 TO 0.12 468 Network.90-25-5-q.cnf 3025 1015 0.08 0.07 TO 0.12 469 Network.75-15-4-q.cnf 1065 546 0.15 0.12 TO 0.11 470 Network.90-26-5-q.cnf 3276 1146 0.10 0.18 TO 0.11 471 Network.blockmap.10.03.net.cnf 13786 15927 0.09 0.20 14.35 0.11 472 Promedus_28.uai.cnf 1757 2069 0.12 0.30 TO 0.11 473 Network.75-10-9-q.cnf 460 310 0.11 0.06 288.18 0.10 474 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 475 Network.90-25-1-q.cnf 3025 988 0.05 0.08 <td></td> <td></td> <td>250</td> <td>924</td> <td>0.16</td> <td>0.11</td> <td>19.35</td> <td>0.14</td>			250	924	0.16	0.11	19.35	0.14
467 Network.90-23-8-q.cnf 2553 846 0.10 0.10 TO 0.12 468 Network.90-25-5-q.cnf 3025 1015 0.08 0.07 TO 0.12 469 Network.75-15-4-q.cnf 1065 546 0.15 0.12 TO 0.11 470 Network.90-26-5-q.cnf 3276 1146 0.10 0.18 TO 0.11 471 Network.blockmap.10.03.net.cnf 13786 15927 0.09 0.20 14.35 0.11 472 Promedus.28.uai.cnf 1757 2069 0.12 0.30 TO 0.11 473 Network.75-10-9-q.cnf 460 310 0.11 0.06 288.18 0.10 474 Network.75-12-7-q.cnf 672 378 0.12 0.05 659.21 0.10 475 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 476 Network.90-23-5-q.cnf 3276 1067 0.13 0.1	465	c432.isc.cnf.uai.cnf	392	563	0.10	0.02	1.04	0.13
468 Network.90-25-5-q.cnf 3025 1015 0.08 0.07 TO 0.12 469 Network.75-15-4-q.cnf 1065 546 0.15 0.12 TO 0.11 470 Network.90-26-5-q.cnf 3276 1146 0.10 0.18 TO 0.11 471 Network.blockmap.10.03.net.cnf 13786 15927 0.09 0.20 14.35 0.11 472 Promedus_28.ua.cnf 1757 2069 0.12 0.30 TO 0.11 473 Network.75-10-9-q.cnf 460 310 0.11 0.06 288.18 0.10 474 Network.75-12-7-q.cnf 672 378 0.12 0.05 659.21 0.10 475 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 476 Network.90-25-1-q.cnf 3025 988 0.05 0.08 TO 0.10 477 Network.90-26-10-q.cnf 376 1067 0.13 0.17	466	circuit.c432.isc.cnf	196	367	0.10	0.02	1.04	0.12
469 Network.75-15-4-q.cnf 1065 546 0.15 0.12 TO 0.11 470 Network.90-26-5-q.cnf 3276 1146 0.10 0.18 TO 0.11 471 Network.blockmap.10.03.net.cnf 13786 15927 0.09 0.20 14.35 0.11 472 Promedus.28.uai.cnf 1757 2069 0.12 0.30 TO 0.11 473 Network.75-10-9-q.cnf 460 310 0.11 0.06 288.18 0.10 474 Network.90-23-5-q.cnf 672 378 0.12 0.05 659.21 0.10 475 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 476 Network.90-25-1-q.cnf 3025 988 0.05 0.88 TO 0.10 477 Network.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 479 BN_108.erg.cnf 1845 3304 0.09 0.21	467	Network.90-23-8-q.cnf	2553	846	0.10	0.10	ТО	0.12
470 Network.90-26-5-q.cnf 3276 1146 0.10 0.18 TO 0.11 471 Network.blockmap_10_03.net.cnf 13786 15927 0.09 0.20 14.35 0.11 472 Promedus_28.uai.cnf 1757 2069 0.12 0.30 TO 0.11 473 Network.75-10-9-q.cnf 460 310 0.11 0.06 288.18 0.10 474 Network.75-12-7-q.cnf 672 378 0.12 0.05 659.21 0.10 475 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 476 Network.90-25-1-q.cnf 3025 988 0.05 0.08 TO 0.10 477 Network.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 478 or_chain_148.fg.uai.cnf 1757 2069 0.12 0.30 TO 0.10 480 BN_108.erg.cnf 1845 3304 0.09 0.21 </td <td>468</td> <td>Network.90-25-5-q.cnf</td> <td>3025</td> <td>1015</td> <td>0.08</td> <td>0.07</td> <td>ТО</td> <td>0.12</td>	468	Network.90-25-5-q.cnf	3025	1015	0.08	0.07	ТО	0.12
471 Network.blockmap_10_03.net.cnf 13786 15927 0.09 0.20 14.35 0.11 472 Promedus_28.uai.cnf 1757 2069 0.12 0.30 TO 0.11 473 Network.75-10-9-q.cnf 460 310 0.11 0.06 288.18 0.10 474 Network.97-12-7-q.cnf 672 378 0.12 0.05 659.21 0.10 475 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 476 Network.90-25-1-q.cnf 3025 988 0.05 0.08 TO 0.10 477 Network.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 478 or_chain_148.fg.uai.cnf 1757 2069 0.12 0.30 TO 0.10 479 BN_108.erg.cnf 1845 3304 0.09 0.21 TO 0.09 480 BN_2109.erg.cnf 1845 3304 0.09 0.23	469	Network.75-15-4-q.cnf	1065	546	0.15	0.12	ТО	0.11
472 Promedus_28.uai.cnf 1757 2069 0.12 0.30 TO 0.11 473 Network.75-10-9-q.cnf 460 310 0.11 0.06 288.18 0.10 474 Network.75-12-7-q.cnf 672 378 0.12 0.05 659.21 0.10 475 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 476 Network.90-25-1-q.cnf 3025 988 0.05 0.08 TO 0.10 477 Network.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 478 or_chain_148.fg.uai.cnf 1757 2069 0.12 0.30 TO 0.10 479 BN_108.erg.cnf 1845 3304 0.09 0.21 TO 0.09 480 BN_2109.erg.cnf 1845 3304 0.09 0.23 TO 0.09 481 BN_37.erg.cnf 3950 3476 0.08 0.16 TO	470	Network.90-26-5-q.cnf	3276	1146	0.10	0.18	ТО	0.11
473 Network.75-10-9-q.cnf 460 310 0.11 0.06 288.18 0.10 474 Network.75-12-7-q.cnf 672 378 0.12 0.05 659.21 0.10 475 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 476 Network.90-25-1-q.cnf 3025 988 0.05 0.08 TO 0.10 477 Network.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 478 or_chain_148.fg.uai.cnf 1757 2069 0.12 0.30 TO 0.10 479 BN_108.erg.cnf 1845 3304 0.09 0.21 TO 0.09 480 BN_109.erg.cnf 1845 3304 0.09 0.23 TO 0.09 481 BN_37.erg.cnf 3950 3476 0.08 0.16 TO 0.09 482 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO	471		13786	15927	0.09	0.20		0.11
474 Network.75-12-7-q.cnf 672 378 0.12 0.05 659.21 0.10 475 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 476 Network.90-25-1-q.cnf 3025 988 0.05 0.08 TO 0.10 477 Network.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 478 or_chain_148.fg.uai.cnf 1757 2069 0.12 0.30 TO 0.10 479 BN_108.erg.cnf 1845 3304 0.09 0.21 TO 0.09 480 BN_109.erg.cnf 1845 3304 0.09 0.23 TO 0.09 481 BN_37.erg.cnf 3950 3476 0.08 0.16 TO 0.09 482 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO 0.09 483 Promedus_12.uai.cnf 1944 2349 0.08 0.53 TO	472	Promedus_28.uai.cnf	1757	2069	0.12	0.30	ТО	0.11
475 Network.90-23-5-q.cnf 2553 896 0.08 0.11 TO 0.10 476 Network.90-25-1-q.cnf 3025 988 0.05 0.08 TO 0.10 477 Network.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 478 or_chain_148.fg.uai.cnf 1757 2069 0.12 0.30 TO 0.10 479 BN_108.erg.cnf 1845 3304 0.09 0.21 TO 0.09 480 BN_109.erg.cnf 1845 3304 0.09 0.23 TO 0.09 481 BN_37.erg.cnf 3950 3476 0.08 0.16 TO 0.09 482 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO 0.09 483 Promedus_12.uai.cnf 1944 2349 0.08 0.53 TO 0.09 484 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO <td< td=""><td>473</td><td>Network.75-10-9-q.cnf</td><td>460</td><td>310</td><td>0.11</td><td>0.06</td><td>288.18</td><td>0.10</td></td<>	473	Network.75-10-9-q.cnf	460	310	0.11	0.06	288.18	0.10
476 Network.90-25-1-q.cnf 3025 988 0.05 0.08 TO 0.10 477 Network.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 478 or_chain_148.fg.uai.cnf 1757 2069 0.12 0.30 TO 0.10 479 BN_108.erg.cnf 1845 3304 0.09 0.21 TO 0.09 480 BN_109.erg.cnf 1845 3304 0.09 0.23 TO 0.09 481 BN_37.erg.cnf 3950 3476 0.08 0.16 TO 0.09 482 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO 0.09 483 Promedus.12.uai.cnf 1944 2349 0.08 0.53 TO 0.09 484 Network.90-20-5-q.cnf 460 256 0.07 0.04 271.48 0.08 485 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO	474	Network.75-12-7-q.cnf	672	378	0.12	0.05	659.21	0.10
477 Network.90-26-10-q.cnf 3276 1067 0.13 0.17 TO 0.10 478 or_chain_148.fg.uai.cnf 1757 2069 0.12 0.30 TO 0.10 479 BN_108.erg.cnf 1845 3304 0.09 0.21 TO 0.09 480 BN_109.erg.cnf 1845 3304 0.09 0.23 TO 0.09 481 BN_37.erg.cnf 3950 3476 0.08 0.16 TO 0.09 482 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO 0.09 483 Promedus_12.uai.cnf 1944 2349 0.08 0.53 TO 0.09 484 Network.75-10-5-q.cnf 460 256 0.07 0.04 271.48 0.08 485 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO 0.08 486 Network.90-21-7-q.cnf 2121 677 0.06 0.07 TO	475	Network.90-23-5-q.cnf	2553		0.08	0.11		0.10
478 or_chain_148.fg.uai.cnf 1757 2069 0.12 0.30 TO 0.10 479 BN_108.erg.cnf 1845 3304 0.09 0.21 TO 0.09 480 BN_109.erg.cnf 1845 3304 0.09 0.23 TO 0.09 481 BN_37.erg.cnf 3950 3476 0.08 0.16 TO 0.09 482 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO 0.09 483 Promedus_12.uai.cnf 1944 2349 0.08 0.53 TO 0.09 484 Network.75-10-5-q.cnf 460 256 0.07 0.04 271.48 0.08 485 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO 0.08 486 Network.90-21-7-q.cnf 2121 677 0.06 0.07 TO 0.08 487 or_chain_152.fg.uai.cnf 1895 2114 0.07 0.18 TO	476	Network.90-25-1-q.cnf	3025	988	0.05	0.08	ТО	0.10
479 BN_108.erg.cnf 1845 3304 0.09 0.21 TO 0.09 480 BN_109.erg.cnf 1845 3304 0.09 0.23 TO 0.09 481 BN_37.erg.cnf 3950 3476 0.08 0.16 TO 0.09 482 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO 0.09 483 Promedus_12.uai.cnf 1944 2349 0.08 0.53 TO 0.09 484 Network.75-10-5-q.cnf 460 256 0.07 0.04 271.48 0.08 485 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO 0.08 486 Network.90-21-7-q.cnf 2121 677 0.06 0.07 TO 0.08 487 or_chain_152.fg.uai.cnf 1895 2114 0.07 0.18 TO 0.08	477	Network.90-26-10-q.cnf	3276	1067	0.13	0.17	ТО	0.10
480 BN_109.erg.cnf 1845 3304 0.09 0.23 TO 0.09 481 BN_37.erg.cnf 3950 3476 0.08 0.16 TO 0.09 482 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO 0.09 483 Promedus_12.uai.cnf 1944 2349 0.08 0.53 TO 0.09 484 Network.75-10-5-q.cnf 460 256 0.07 0.04 271.48 0.08 485 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO 0.08 486 Network.90-21-7-q.cnf 2121 677 0.06 0.07 TO 0.08 487 or_chain_152.fg.uai.cnf 1895 2114 0.07 0.18 TO 0.08	478	or_chain_148.fg.uai.cnf	1757	2069	0.12	0.30	ТО	0.10
481 BN_37.erg.cnf 3950 3476 0.08 0.16 TO 0.09 482 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO 0.09 483 Promedus_12.uai.cnf 1944 2349 0.08 0.53 TO 0.09 484 Network.75-10-5-q.cnf 460 256 0.07 0.04 271.48 0.08 485 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO 0.08 486 Network.90-21-7-q.cnf 2121 677 0.06 0.07 TO 0.08 487 or_chain_152.fg.uai.cnf 1895 2114 0.07 0.18 TO 0.08	479	BN_108.erg.cnf	1845	3304	0.09	0.21	ТО	0.09
482 Network.90-24-9-q.cnf 2784 835 0.10 0.08 TO 0.09 483 Promedus_12.uai.cnf 1944 2349 0.08 0.53 TO 0.09 484 Network.75-10-5-q.cnf 460 256 0.07 0.04 271.48 0.08 485 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO 0.08 486 Network.90-21-7-q.cnf 2121 677 0.06 0.07 TO 0.08 487 or_chain_152.fg.uai.cnf 1895 2114 0.07 0.18 TO 0.08	480		1845	3304		0.23		0.09
483 Promedus_12.uai.cnf 1944 2349 0.08 0.53 TO 0.09 484 Network.75-10-5-q.cnf 460 256 0.07 0.04 271.48 0.08 485 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO 0.08 486 Network.90-21-7-q.cnf 2121 677 0.06 0.07 TO 0.08 487 or_chain_152.fg.uai.cnf 1895 2114 0.07 0.18 TO 0.08	481	BN_37.erg.cnf	3950	3476	0.08	0.16	ТО	0.09
484 Network.75-10-5-q.cnf 460 256 0.07 0.04 271.48 0.08 485 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO 0.08 486 Network.90-21-7-q.cnf 2121 677 0.06 0.07 TO 0.08 487 or_chain_152.fg.uai.cnf 1895 2114 0.07 0.18 TO 0.08	l .	Network.90-24-9-q.cnf	2784	835	0.10	0.08		0.09
485 Network.90-20-5-q.cnf 1920 668 0.08 0.07 TO 0.08 486 Network.90-21-7-q.cnf 2121 677 0.06 0.07 TO 0.08 487 or_chain_152.fg.uai.cnf 1895 2114 0.07 0.18 TO 0.08	l .		1944	2349	0.08	0.53	ТО	0.09
486 Network.90-21-7-q.cnf 2121 677 0.06 0.07 TO 0.08 487 or_chain_152.fg.uai.cnf 1895 2114 0.07 0.18 TO 0.08	l .	Network.75-10-5-q.cnf	460		0.07			0.08
487 or_chain_152.fg.uai.cnf 1895 2114 0.07 0.18 TO 0.08	485	Network.90-20-5-q.cnf	1920	668	0.08	0.07		0.08
		Network.90-21-7-q.cnf			0.06	0.07		0.08
488 or_chain_17.fg.uai.cnf 1944 2349 0.07 0.56 TO 0.08		or_chain_152.fg.uai.cnf	1895		0.07	0.18		0.08
	488	or_chain_17.fg.uai.cnf	1944	2349	0.07	0.56	ТО	0.08

489 490 491 492	or_chain_182.fg.uai.cnf Promedus_29.uai.cnf Promedus_34.uai.cnf	1537 1895	1843 2114	0.10	0.31	ТО	0.08
491	Promedus_34.uai.cnf		0114				
I		1505		0.08	0.16	ТО	0.08
402	N-+	1537	1843	0.11	0.30	ТО	0.08
492	Network.blockmap_10_02.net.cnf	12562	14596	0.06	0.07	5.76	0.07
493	or_chain_147.fg.uai.cnf	1537	1830	0.13	0.27	ТО	0.07
494	Planning.prob002.pddl.cnf	1337	5024	0.06	0.33	94.71	0.07
495	Promedus_26.uai.cnf	2704	3010	0.06	0.10	ТО	0.07
496	Promedus_27.uai.cnf	1537	1830	0.13	0.28	ТО	0.07
497	random.uf250-085.cnf	250	892	0.07	0.11	12.84	0.07
498	log-2.cnf.uai.cnf	2777	6393	0.05	0.35	72.15	0.06
499	logistics.log-2.cnf	1337	5024	0.06	0.35	91.62	0.06
500	logistics.logistics.a.cnf	828	1605	0.07	0.25	984.79	0.06
501	Network.90-18-1-q.cnf	1548	584	0.05	0.05	ТО	0.06
502	Network.90-20-3-q.cnf	1920	664	0.06	0.06	ТО	0.06
503	Network.90-22-10-q.cnf	2332	816	0.05	0.08	ТО	0.06
504	or_chain_176.fg.uai.cnf	2043	2336	0.09	0.18	ТО	0.06
505	prob002.pddl.cnf.uai.cnf	2777	6393	0.06	0.35	92.67	0.06
506	bmc.bmc-ibm-3.cnf	14930	14876	0.05	0.01	4.62	0.05
507	logistics.a.cnf.uai.cnf	1656	2435	0.06	0.29	500.45	0.05
508	Network.75-12-4-q.cnf	672	348	0.05	0.07	692.70	0.05
509	Network.90-24-5-q.cnf	2784	884	0.07	0.09	ТО	0.05
510	or_chain_74.fg.uai.cnf	1686	2032	0.03	0.17	ТО	0.05
511	Promedus_32.uai.cnf	2043	2336	0.09	0.18	ТО	0.05
512	random.uf250-012.cnf	250	422	0.03	0.07	11.70	0.05
513	random.uf250-047.cnf	250	899	0.06	0.05	9.15	0.05
514	random.uf250-083.cnf	250	881	0.05	0.06	8.71	0.05
515	relational_3.uai.cnf	6000	8000	0.05	0.12	ТО	0.05
516	bmc.bmc-ibm-13.cnf	13215	13373	0.05	0.11	24.41	0.04
517	BN_33.erg.cnf	3886	3499	0.04	0.20	ТО	0.04
518	Handmade.ais8.cnf	113	1119	0.03	0.03	2.04	0.04
519	Network.75-10-8-q.cnf	460	280	0.03	0.04	310.45	0.04
520	Network.90-14-5-q.cnf	924	374	0.03	0.03	ТО	0.04
521	Network.90-16-1-q.cnf	1216	469	0.04	0.11	ТО	0.04
522	Network.90-18-5-q.cnf	1548	560	0.02	0.03	ТО	0.04
523	or_chain_139.fg.uai.cnf	2704	3010	0.07	0.10	ТО	0.04

524 or chain 201.fg uai.cnf 1661 2006 0.04 0.12 TO 0.04 525 or chain 225.fg.uai.cnf 1661 2006 0.04 0.11 TO 0.04 526 Promedus 21.uai.cnf 1686 2032 0.04 0.17 TO 0.04 527 Promedus 33.uai.cnf 1661 2006 0.03 0.12 TO 0.04 529 Promedus 35.uai.cnf 1661 2006 0.04 0.11 TO 0.04 530 random.uP250-068.cnf 250 848 0.04 0.08 11.19 0.04 531 random.uP250-08.cnf 250 844 0.05 0.05 7.14 0.04 532 random.uP250-08.cnf 250 860 0.05 0.10 11.40 0.04 533 2bitcomp.5.cnf.uai.cnf 280 345 0.01 0.18 6.56 0.03 534 90-16-1.erg.enf 738 719 0.03 0.15 0.03 </th <th>S. no</th> <th>Benchmark</th> <th>Vars</th> <th>Clauses</th> <th>SharpSAT</th> <th>D4</th> <th>ApproxMCv3</th> <th>ProbsharpSAT</th>	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
Promedus_21.uai.cnf 1686 2032 0.04 0.17 TO 0.04 527 Promedus_31.uai.cnf 1661 2004 0.04 0.11 TO 0.04 528 Promedus_33.uai.cnf 1661 2006 0.03 0.12 TO 0.04 529 Promedus_36.uai.cnf 1661 2006 0.04 0.11 TO 0.04 530 random.uf250-068.cnf 250 848 0.04 0.08 11.19 0.04 531 random.uf250-078.cnf 250 848 0.04 0.08 11.19 0.04 531 random.uf250-078.cnf 250 848 0.04 0.08 11.19 0.04 532 random.uf250-08.cnf 250 860 0.05 0.10 11.40 0.04 532 random.uf250-08.cnf 250 860 0.05 0.10 11.40 0.04 533 2bitcomp_5.cnf.uai.cnf 280 345 0.01 0.18 6.56 0.03 534 90-16-1.erg.cnf 738 719 0.03 0.03 TO 0.03 535 Handmade.gg1-08.cnf 512 3647 0.04 0.03 0.15 0.03 536 log-3-cnf.uai.cnf 2949 4780 0.02 0.07 429.30 0.03 537 Network.75-12-19-q.cnf 672 357 0.03 0.02 749.91 0.03 538 Network.75-12-9-q.cnf 672 356 0.03 0.05 719.71 0.03 539 Network.90-22-3-q.cnf 2332 753 0.03 0.07 TO 0.03 540 Network.90-22-3-q.cnf 2332 818 0.02 0.05 TO 0.03 541 Network.90-23-3-q.cnf 2553 769 0.03 0.03 TO 0.03 542 Network.90-24-3-q.cnf 2784 901 0.03 0.05 TO 0.03 543 Network.90-24-3-q.cnf 2784 892 0.03 0.06 TO 0.03 544 Network.90-24-q.cnf 2784 892 0.03 0.06 TO 0.03 544 Network.90-24-q.cnf 2784 892 0.03 0.06 TO 0.03 546 Or.chain.168.fg.uai.cnf 1661 2004 0.04 0.12 TO 0.03 548 Promedus_15.uai.cnf 1385 1669 0.02 0.17 TO 0.03 549 smokers_10.uai.cnf 660 850 0.04 0.19 TO 0.03 549 smokers_10.uai.cnf 667 3139 2817 0.02 0.07 TO 0.03 551 circuit.2488.bench.cnf 667 1542 0.01 0.04 0.82 0.02 551 circuit.3488.bench.cnf 667 540 0.02 0.03 299.15 0.02 555 Network.75-10-7-q.cnf 460 287 0.01 0.03 299.15 0.02 555 Network.75-10-7-q.cnf 460 287	524	or_chain_201.fg.uai.cnf	1661	2006	0.04	0.12		0.04
527 Promedus_31.uai.cnf 1661 2004 0.04 0.11 TO 0.04 528 Promedus_35.uai.cnf 1661 2006 0.03 0.12 TO 0.04 529 Promedus_36.uai.cnf 1661 2006 0.04 0.11 TO 0.04 530 random.uf250-06s.cnf 250 848 0.04 0.08 11.19 0.04 531 random.uf250-07s.cnf 250 844 0.05 0.05 7.14 0.04 532 random.uf250-08.cnf 250 860 0.05 0.10 11.40 0.04 533 2bitcomp_5.cnf.uai.cnf 280 345 0.01 0.18 6.56 0.03 534 90-16-1.erg.cnf 738 719 0.03 0.03 TO 0.03 535 Handmade.qg1-08.cnf 512 3647 0.04 0.03 0.15 0.03 536 log_3-cnf.uai.cnf 2949 4780 0.02 0.07 429.30	525	or_chain_225.fg.uai.cnf	1661	2006	0.04	0.11	ТО	0.04
528 Promedus.35.uai.cnf 1661 2006 0.03 0.12 TO 0.04 529 Promedus.36.uai.cnf 1661 2006 0.04 0.01 TO 0.04 530 random.ul250-08s.cnf 250 848 0.04 0.08 11.19 0.04 531 random.ul250-08.cnf 250 844 0.05 0.05 7.14 0.04 532 random.ul250-08.cnf 250 860 0.05 0.10 11.40 0.04 533 2bitcomp.5.cnf.uai.cnf 280 345 0.01 0.18 6.56 0.03 534 90-16-1.erg.cnf 738 719 0.03 0.03 TO 0.03 535 Handmade.gl08.cnf 512 3647 0.04 0.03 0.15 0.03 536 log-3.cnf.uai.cnf 2949 4780 0.02 0.07 429.30 0.03 537 Network.90.21-49.cnf 672 357 0.03 0.02 749.91	526	Promedus_21.uai.cnf	1686	2032	0.04	0.17	ТО	0.04
529 Promedus.36.uai.cnf 1661 2006 0.04 0.11 TO 0.04 530 random.ul250-068.cnf 250 848 0.04 0.08 11.19 0.04 531 random.ul250-078.cnf 250 844 0.05 0.05 7.14 0.04 532 random.ul250-08.cnf 250 860 0.05 0.10 11.40 0.04 533 2bitcomp-5.cnf.uai.cnf 280 345 0.01 0.18 6.56 0.03 534 90-16-1.erg.cnf 738 719 0.03 0.03 70 0.03 535 Handmade.qg.1-08.cnf 512 3647 0.04 0.03 0.15 0.03 536 log-3.cnf.uai.cnf 2949 4780 0.02 0.07 429.30 0.03 537 Network.75-12-9-q.cnf 672 357 0.03 0.02 749.91 0.03 538 Network.75-12-9-q.cnf 672 353 0.03 0.07 TO <td>527</td> <td>Promedus_31.uai.cnf</td> <td>1661</td> <td>2004</td> <td>0.04</td> <td>0.11</td> <td>ТО</td> <td>0.04</td>	527	Promedus_31.uai.cnf	1661	2004	0.04	0.11	ТО	0.04
530 random.ul?50-068.cnf 250 848 0.04 0.08 11.19 0.04 531 random.ul?50-078.cnf 250 844 0.05 0.05 7.14 0.04 532 random.ul?50-08.cnf 250 860 0.05 0.10 11.40 0.04 533 2bitcomp.5.cnf.uai.cnf 280 345 0.01 0.18 6.56 0.03 534 90-16-1.erg.cnf 738 719 0.03 0.03 TO 0.03 535 Handmade.gg1-08.cnf 512 3647 0.04 0.03 0.15 0.03 536 log-3.cnf.uai.cnf 2949 4780 0.02 0.07 429.30 0.03 537 Network.75-12-10-q.cnf 672 363 0.03 0.02 749.91 0.03 538 Network.90-22-3-q.cnf 2332 753 0.03 0.05 719.71 0.03 540 Network.90-22-3-q.cnf 2332 818 0.02 0.05 <td< td=""><td>528</td><td>Promedus_35.uai.cnf</td><td>1661</td><td>2006</td><td>0.03</td><td>0.12</td><td>ТО</td><td>0.04</td></td<>	528	Promedus_35.uai.cnf	1661	2006	0.03	0.12	ТО	0.04
531 random.uf250-078.cnf 250 844 0.05 0.05 7.14 0.04 532 random.uf250-08.cnf 250 860 0.05 0.10 11.40 0.04 533 2bitcomp.5.cnf.uai.cnf 280 345 0.01 0.18 6.56 0.03 534 99-16-1.erg.cnf 738 719 0.03 0.03 TO 0.03 535 Handmade.qg1-08.cnf 512 3647 0.04 0.03 0.15 0.03 536 log-3.cnf.uai.cnf 2949 4780 0.02 0.07 429.30 0.03 537 Network.75-12-10-q.cnf 672 357 0.03 0.05 749.91 0.03 538 Network.57-12-10-q.cnf 672 363 0.03 0.05 749.91 0.03 539 Network.90-22-3-q.cnf 2332 753 0.03 0.07 TO 0.03 540 Network.90-22-3-q.cnf 2332 818 0.02 0.05							ТО	
532 random.uf250-08.cnf 250 860 0.05 0.10 11.40 0.04 533 2bitcomp.5.cnf.uai.cnf 280 345 0.01 0.18 6.56 0.03 534 90-16-1.erg.cnf 738 719 0.03 0.03 TO 0.03 535 Handmade.og1-08.cnf 512 3647 0.04 0.03 0.15 0.03 536 log-3.cnf.uai.cnf 2949 4780 0.02 0.07 429.30 0.03 537 Network.75-12-10-q.cnf 672 357 0.03 0.02 749.91 0.03 538 Network.75-12-9-q.cnf 672 363 0.03 0.05 719.71 0.03 539 Network.90-22-3-q.cnf 2332 818 0.02 0.05 TO 0.03 540 Network.90-22-3-q.cnf 2553 769 0.03 0.03 TO 0.03 541 Network.90-24-3-q.cnf 2784 901 0.03 0.07 T	530	random.uf250-068.cnf	250	848	0.04	0.08	11.19	0.04
533 2bitcomp.5.cnf.uai.cnf 280 345 0.01 0.18 6.56 0.03 534 90-16-1.erg.cnf 738 719 0.03 0.03 TO 0.03 535 Handmade.qg-108.cnf 512 3647 0.04 0.03 0.15 0.03 536 log-3.cnf.uai.cnf 2949 4780 0.02 0.07 429.30 0.03 537 Network.75-12-10-q.cnf 672 357 0.03 0.05 719.71 0.03 538 Network.90-22-3-q.cnf 2332 753 0.03 0.05 719.71 0.03 539 Network.90-22-3-q.cnf 2332 753 0.03 0.07 TO 0.03 540 Network.90-23-3-q.cnf 2332 788 0.02 0.05 TO 0.03 541 Network.90-24-3-q.cnf 2784 901 0.03 0.07 TO 0.03 542 Network.90-24-4-q.cnf 2784 892 0.03 0.06	531	random.uf250-078.cnf	250	844	0.05	0.05	7.14	0.04
534 90-16-1.erg.cnf 738 719 0.03 0.03 TO 0.03 535 Handmade.qg1-08.cnf 512 3647 0.04 0.03 0.15 0.03 536 log-3.cnf.uai.cnf 2949 4780 0.02 0.07 429.30 0.03 537 Network.75-12-9-q.cnf 672 357 0.03 0.02 749.91 0.03 538 Network.75-12-9-q.cnf 672 363 0.03 0.05 719.71 0.03 539 Network.90-22-3-q.cnf 2332 753 0.03 0.07 TO 0.03 540 Network.90-22-3-q.cnf 2332 818 0.02 0.05 TO 0.03 541 Network.90-23-3-q.cnf 2553 769 0.03 0.03 TO 0.03 542 Network.90-24-4-q.cnf 2784 891 0.03 0.07 TO 0.03 543 Network.90-24-4-q.cnf 2784 892 0.03 0.06 TO </td <td>532</td> <td>random.uf250-08.cnf</td> <td>250</td> <td>860</td> <td>0.05</td> <td>0.10</td> <td>11.40</td> <td>0.04</td>	532	random.uf250-08.cnf	250	860	0.05	0.10	11.40	0.04
535 Handmade.qg1-08.cnf 512 3647 0.04 0.03 0.15 0.03 536 log-3.cnf.uai.cnf 2949 4780 0.02 0.07 429.30 0.03 537 Network.75-12-10-q.cnf 672 357 0.03 0.02 749.91 0.03 538 Network.90-22-3-q.cnf 2332 753 0.03 0.05 719.71 0.03 540 Network.90-22-7-q.cnf 2332 818 0.02 0.05 TO 0.03 541 Network.90-22-3-q.cnf 2553 769 0.03 0.03 TO 0.03 542 Network.90-24-3-q.cnf 2784 901 0.03 0.07 TO 0.03 543 Network.blockmap.10.1.net.cnf 11328 12724 0.03 0.06 TO 0.03 544 Network.blockmap.10.2.net.cnf 11328 12724 0.03 0.02 1.37 0.03 545 or.chain.168.fg.uai.cnf 1661 2004 0.04	533	2bitcomp_5.cnf.uai.cnf	280	345	0.01	0.18	6.56	0.03
536 log-3.cnf.uai.cnf 2949 4780 0.02 0.07 429.30 0.03 537 Network.75-12-10-q.cnf 672 357 0.03 0.02 749.91 0.03 538 Network.75-12-9-q.cnf 672 363 0.03 0.05 719.71 0.03 539 Network.90-22-3-q.cnf 2332 753 0.03 0.07 TO 0.03 540 Network.90-22-7-q.cnf 2332 818 0.02 0.05 TO 0.03 541 Network.90-23-3-q.cnf 2553 769 0.03 0.03 TO 0.03 542 Network.90-24-3-q.cnf 2784 901 0.03 0.07 TO 0.03 543 Network.90-24-4-q.cnf 2784 892 0.03 0.06 TO 0.03 544 Network.blockmap.10.01.net.cnf 11328 12724 0.03 0.02 1.37 0.03 545 or.chain.168.fg.uai.cnf 1661 2004 0.04 0	534	90-16-1.erg.cnf	738		0.03	0.03	ТО	0.03
537 Network.75-12-10-q.cnf 672 357 0.03 0.02 749.91 0.03 538 Network.75-12-9-q.cnf 672 363 0.03 0.05 719.71 0.03 539 Network.90-22-3-q.cnf 2332 753 0.03 0.07 TO 0.03 540 Network.90-22-7-q.cnf 2332 818 0.02 0.05 TO 0.03 541 Network.90-23-3-q.cnf 2553 769 0.03 0.03 TO 0.03 542 Network.90-24-3-q.cnf 2784 901 0.03 0.07 TO 0.03 543 Network.90-24-4-q.cnf 2784 892 0.03 0.06 TO 0.03 544 Network.blockmap.10-01.net.cnf 11328 12724 0.03 0.02 1.37 0.03 545 or.chain.168.fg.uai.cnf 1661 2004 0.04 0.12 TO 0.03 546 or.chain.42.fg.uai.cnf 1385 1669 0.02	535	Handmade.qg1-08.cnf	512	3647	0.04	0.03	0.15	0.03
538 Network.75-12-9-q.cnf 672 363 0.03 0.05 719.71 0.03 539 Network.90-22-3-q.cnf 2332 753 0.03 0.07 TO 0.03 540 Network.90-22-7-q.cnf 2332 818 0.02 0.05 TO 0.03 541 Network.90-23-3-q.cnf 2553 769 0.03 0.03 TO 0.03 542 Network.90-24-3-q.cnf 2784 901 0.03 0.07 TO 0.03 543 Network.90-24-4-q.cnf 2784 892 0.03 0.06 TO 0.03 544 Network.blockmap.10.01.net.cnf 11328 12724 0.03 0.02 1.37 0.03 545 or_chain.168.fg.uai.cnf 1661 2004 0.04 0.12 TO 0.03 546 or_chain.42.fg.uai.cnf 1385 1669 0.02 0.17 TO 0.03 547 Planning.prob003.pddl.cnf 1413 3414 0.03 <td< td=""><td>536</td><td>log-3.cnf.uai.cnf</td><td>2949</td><td>4780</td><td>0.02</td><td>0.07</td><td>429.30</td><td>0.03</td></td<>	536	log-3.cnf.uai.cnf	2949	4780	0.02	0.07	429.30	0.03
539 Network.90-22-3-q.cnf 2332 753 0.03 0.07 TO 0.03 540 Network.90-22-7-q.cnf 2332 818 0.02 0.05 TO 0.03 541 Network.90-23-3-q.cnf 2553 769 0.03 0.03 TO 0.03 542 Network.90-24-3-q.cnf 2784 901 0.03 0.07 TO 0.03 543 Network.90-24-4-q.cnf 2784 892 0.03 0.06 TO 0.03 544 Network.blockmap.10.01.net.cnf 11328 12724 0.03 0.02 1.37 0.03 545 or_chain.168.fg.uai.cnf 1661 2004 0.04 0.12 TO 0.03 546 or_chain.42.fg.uai.cnf 1385 1669 0.02 0.17 TO 0.03 547 Planning.prob003.pddl.cnf 1413 3414 0.03 0.09 330.67 0.03 548 Promedus.15.uai.cnf 1385 1669 0.03 <td< td=""><td>537</td><td>Network.75-12-10-q.cnf</td><td>672</td><td>357</td><td>0.03</td><td>0.02</td><td>749.91</td><td>0.03</td></td<>	537	Network.75-12-10-q.cnf	672	357	0.03	0.02	749.91	0.03
540 Network.90-22-7-q.cnf 2332 818 0.02 0.05 TO 0.03 541 Network.90-23-3-q.cnf 2553 769 0.03 0.03 TO 0.03 542 Network.90-24-3-q.cnf 2784 901 0.03 0.07 TO 0.03 543 Network.90-24-4-q.cnf 2784 892 0.03 0.06 TO 0.03 544 Network.blockmap.10.01.net.cnf 11328 12724 0.03 0.02 1.37 0.03 545 or_chain.168.fg.uai.cnf 1661 2004 0.04 0.12 TO 0.03 546 or_chain.42.fg.uai.cnf 1385 1669 0.02 0.17 TO 0.03 547 Planning.prob003.pddl.cnf 1413 3414 0.03 0.09 330.67 0.03 548 Promedus_15.uai.cnf 1385 1669 0.03 0.17 TO 0.03 550 BN_30.erg.cnf 3139 2817 0.02 0.07 </td <td>538</td> <td>Network.75-12-9-q.cnf</td> <td>672</td> <td>363</td> <td>0.03</td> <td>0.05</td> <td>719.71</td> <td>0.03</td>	538	Network.75-12-9-q.cnf	672	363	0.03	0.05	719.71	0.03
541 Network.90-23-3-q.cnf 2553 769 0.03 0.03 TO 0.03 542 Network.90-24-3-q.cnf 2784 901 0.03 0.07 TO 0.03 543 Network.90-24-4-q.cnf 2784 892 0.03 0.06 TO 0.03 544 Network.blockmap.10.01.net.cnf 11328 12724 0.03 0.02 1.37 0.03 545 or_chain.168.fg.uai.cnf 1661 2004 0.04 0.12 TO 0.03 546 or_chain.42.fg.uai.cnf 1385 1669 0.02 0.17 TO 0.03 547 Planning.prob003.pddl.cnf 1413 3414 0.03 0.09 330.67 0.03 548 Promedus.15.uai.cnf 1385 1669 0.03 0.17 TO 0.03 549 smokers_10.uai.cnf 690 850 0.04 0.19 TO 0.03 550 BN.30.erg.cnf 3139 2817 0.02 0.07	539	Network.90-22-3-q.cnf	2332	753	0.03	0.07	ТО	0.03
542 Network.90-24-3-q.cnf 2784 901 0.03 0.07 TO 0.03 543 Network.90-24-4-q.cnf 2784 892 0.03 0.06 TO 0.03 544 Network.blockmap_10_01.net.cnf 11328 12724 0.03 0.02 1.37 0.03 545 or.chain_168.fg.uai.cnf 1661 2004 0.04 0.12 TO 0.03 546 or.chain_42.fg.uai.cnf 1385 1669 0.02 0.17 TO 0.03 547 Planning.prob003.pddl.cnf 1413 3414 0.03 0.09 330.67 0.03 548 Promedus_15.uai.cnf 1385 1669 0.03 0.17 TO 0.03 549 smokers_10.uai.cnf 690 850 0.04 0.19 TO 0.03 550 BN_30.erg.cnf 3139 2817 0.02 0.07 TO 0.02 551 circuit.2bitcomp_5.cnf 125 190 0.02 0.10	540	Network.90-22-7-q.cnf	2332	818	0.02	0.05	ТО	0.03
543 Network.90-24-4-q.cnf 2784 892 0.03 0.06 TO 0.03 544 Network.blockmap_10_01.net.cnf 11328 12724 0.03 0.02 1.37 0.03 545 or_chain_168.fg.uai.cnf 1661 2004 0.04 0.12 TO 0.03 546 or_chain_42.fg.uai.cnf 1385 1669 0.02 0.17 TO 0.03 547 Planning.prob003.pddl.cnf 1413 3414 0.03 0.09 330.67 0.03 548 Promedus_15.uai.cnf 1385 1669 0.03 0.17 TO 0.03 549 smokers_10.uai.cnf 690 850 0.04 0.19 TO 0.03 550 BN_30.erg.cnf 3139 2817 0.02 0.07 TO 0.02 551 circuit.2bitcomp_5.cnf 125 190 0.02 0.10 6.83 0.02 552 circuit.s1488.bench.cnf 667 1542 0.01 0.04 </td <td>541</td> <td>Network.90-23-3-q.cnf</td> <td>2553</td> <td>769</td> <td>0.03</td> <td>0.03</td> <td>ТО</td> <td>0.03</td>	541	Network.90-23-3-q.cnf	2553	769	0.03	0.03	ТО	0.03
544 Network.blockmap_10_01.net.cnf 11328 12724 0.03 0.02 1.37 0.03 545 or_chain_168.fg.uai.cnf 1661 2004 0.04 0.12 TO 0.03 546 or_chain_42.fg.uai.cnf 1385 1669 0.02 0.17 TO 0.03 547 Planning.prob003.pddl.cnf 1413 3414 0.03 0.09 330.67 0.03 548 Promedus_15.uai.cnf 1385 1669 0.03 0.17 TO 0.03 549 smokers_10.uai.cnf 690 850 0.04 0.19 TO 0.03 550 BN_30.erg.cnf 3139 2817 0.02 0.07 TO 0.02 551 circuit.2bitcomp_5.cnf 125 190 0.02 0.10 6.83 0.02 552 circuit.s1488.bench.cnf 667 1542 0.01 0.04 0.82 0.02 553 Configuration.C638_FVK.cnf 1761 2002 0.02 <t< td=""><td>542</td><td>Network.90-24-3-q.cnf</td><td>2784</td><td>901</td><td>0.03</td><td>0.07</td><td>ТО</td><td>0.03</td></t<>	542	Network.90-24-3-q.cnf	2784	901	0.03	0.07	ТО	0.03
545 or_chain_168.fg.uai.cnf 1661 2004 0.04 0.12 TO 0.03 546 or_chain_42.fg.uai.cnf 1385 1669 0.02 0.17 TO 0.03 547 Planning.prob003.pddl.cnf 1413 3414 0.03 0.09 330.67 0.03 548 Promedus_15.uai.cnf 1385 1669 0.03 0.17 TO 0.03 549 smokers_10.uai.cnf 690 850 0.04 0.19 TO 0.03 550 BN_30.erg.cnf 3139 2817 0.02 0.07 TO 0.02 551 circuit.2bitcomp_5.cnf 125 190 0.02 0.10 6.83 0.02 552 circuit.s1488.bench.cnf 667 1542 0.01 0.04 0.82 0.02 553 Configuration.C638_FVK.cnf 1761 2002 0.02 0.24 TO 0.02 554 logistics.log-3.cnf 1413 3414 0.03 0.09	543	Network.90-24-4-q.cnf	2784	892	0.03	0.06	ТО	0.03
546 or_chain_42.fg.uai.cnf 1385 1669 0.02 0.17 TO 0.03 547 Planning.prob003.pddl.cnf 1413 3414 0.03 0.09 330.67 0.03 548 Promedus_15.uai.cnf 1385 1669 0.03 0.17 TO 0.03 549 smokers_10.uai.cnf 690 850 0.04 0.19 TO 0.03 550 BN_30.erg.cnf 3139 2817 0.02 0.07 TO 0.02 551 circuit.2bitcomp_5.cnf 125 190 0.02 0.10 6.83 0.02 552 circuit.s1488.bench.cnf 667 1542 0.01 0.04 0.82 0.02 553 Configuration.C638_FVK.cnf 1761 2002 0.02 0.24 TO 0.02 554 logistics.log-3.cnf 1413 3414 0.03 0.09 353.38 0.02 555 Network.75-10-2-q.cnf 460 287 0.01 0.03	544		11328	12724	0.03	0.02	1.37	0.03
547 Planning.prob003.pddl.cnf 1413 3414 0.03 0.09 330.67 0.03 548 Promedus_15.uai.cnf 1385 1669 0.03 0.17 TO 0.03 549 smokers_10.uai.cnf 690 850 0.04 0.19 TO 0.03 550 BN_30.erg.cnf 3139 2817 0.02 0.07 TO 0.02 551 circuit.2bitcomp_5.cnf 125 190 0.02 0.10 6.83 0.02 552 circuit.s1488.bench.cnf 667 1542 0.01 0.04 0.82 0.02 553 Configuration.C638_FVK.cnf 1761 2002 0.02 0.24 TO 0.02 554 logistics.log-3.cnf 1413 3414 0.03 0.09 353.38 0.02 555 Network.75-10-2-q.cnf 460 287 0.01 0.03 299.15 0.02 556 Network.75-10-7-q.cnf 460 281 0.02 0.03	545	or_chain_168.fg.uai.cnf	1661	2004	0.04	0.12	ТО	0.03
548 Promedus_15.uai.cnf 1385 1669 0.03 0.17 TO 0.03 549 smokers_10.uai.cnf 690 850 0.04 0.19 TO 0.03 550 BN_30.erg.cnf 3139 2817 0.02 0.07 TO 0.02 551 circuit.2bitcomp_5.cnf 125 190 0.02 0.10 6.83 0.02 552 circuit.s1488.bench.cnf 667 1542 0.01 0.04 0.82 0.02 553 Configuration.C638_FVK.cnf 1761 2002 0.02 0.24 TO 0.02 554 logistics.log-3.cnf 1413 3414 0.03 0.09 353.38 0.02 555 Network.75-10-2-q.cnf 460 287 0.01 0.03 299.15 0.02 556 Network.75-10-7-q.cnf 460 281 0.02 0.03 265.14 0.02 557 Network.90-12-7-q.cnf 672 301 0.01 0.03	546	or_chain_42.fg.uai.cnf	1385	1669	0.02	0.17	ТО	0.03
549 smokers_10.uai.cnf 690 850 0.04 0.19 TO 0.03 550 BN_30.erg.cnf 3139 2817 0.02 0.07 TO 0.02 551 circuit.2bitcomp_5.cnf 125 190 0.02 0.10 6.83 0.02 552 circuit.s1488.bench.cnf 667 1542 0.01 0.04 0.82 0.02 553 Configuration.C638_FVK.cnf 1761 2002 0.02 0.24 TO 0.02 554 logistics.log-3.cnf 1413 3414 0.03 0.09 353.38 0.02 555 Network.75-10-2-q.cnf 460 287 0.01 0.03 299.15 0.02 556 Network.75-10-7-q.cnf 460 281 0.02 0.03 265.14 0.02 557 Network.90-12-7-q.cnf 672 301 0.01 0.03 738.22 0.02	547	Planning.prob003.pddl.cnf	1413	3414	0.03	0.09	330.67	0.03
550 BN_30.erg.cnf 3139 2817 0.02 0.07 TO 0.02 551 circuit.2bitcomp_5.cnf 125 190 0.02 0.10 6.83 0.02 552 circuit.s1488.bench.cnf 667 1542 0.01 0.04 0.82 0.02 553 Configuration.C638_FVK.cnf 1761 2002 0.02 0.24 TO 0.02 554 logistics.log-3.cnf 1413 3414 0.03 0.09 353.38 0.02 555 Network.75-10-2-q.cnf 460 287 0.01 0.03 299.15 0.02 556 Network.75-10-7-q.cnf 460 281 0.02 0.03 265.14 0.02 557 Network.90-12-7-q.cnf 672 301 0.01 0.03 738.22 0.02	548	Promedus_15.uai.cnf	1385	1669	0.03	0.17	ТО	0.03
551 circuit.2bitcomp_5.cnf 125 190 0.02 0.10 6.83 0.02 552 circuit.s1488.bench.cnf 667 1542 0.01 0.04 0.82 0.02 553 Configuration.C638_FVK.cnf 1761 2002 0.02 0.24 TO 0.02 554 logistics.log-3.cnf 1413 3414 0.03 0.09 353.38 0.02 555 Network.75-10-2-q.cnf 460 287 0.01 0.03 299.15 0.02 556 Network.75-10-7-q.cnf 460 281 0.02 0.03 265.14 0.02 557 Network.90-12-7-q.cnf 672 301 0.01 0.03 738.22 0.02	549	smokers_10.uai.cnf	690	850	0.04	0.19	ТО	0.03
552 circuit.s1488.bench.cnf 667 1542 0.01 0.04 0.82 0.02 553 Configuration.C638.FVK.cnf 1761 2002 0.02 0.24 TO 0.02 554 logistics.log-3.cnf 1413 3414 0.03 0.09 353.38 0.02 555 Network.75-10-2-q.cnf 460 287 0.01 0.03 299.15 0.02 556 Network.75-10-7-q.cnf 460 281 0.02 0.03 265.14 0.02 557 Network.90-12-7-q.cnf 672 301 0.01 0.03 738.22 0.02	550	BN_30.erg.cnf	3139	2817	0.02	0.07	ТО	0.02
553 Configuration.C638_FVK.cnf 1761 2002 0.02 0.24 TO 0.02 554 logistics.log-3.cnf 1413 3414 0.03 0.09 353.38 0.02 555 Network.75-10-2-q.cnf 460 287 0.01 0.03 299.15 0.02 556 Network.75-10-7-q.cnf 460 281 0.02 0.03 265.14 0.02 557 Network.90-12-7-q.cnf 672 301 0.01 0.03 738.22 0.02	551	circuit.2bitcomp_5.cnf	125	190	0.02	0.10	6.83	0.02
554 logistics.log-3.cnf 1413 3414 0.03 0.09 353.38 0.02 555 Network.75-10-2-q.cnf 460 287 0.01 0.03 299.15 0.02 556 Network.75-10-7-q.cnf 460 281 0.02 0.03 265.14 0.02 557 Network.90-12-7-q.cnf 672 301 0.01 0.03 738.22 0.02	552	circuit.s1488.bench.cnf	667	1542	0.01	0.04	0.82	0.02
555 Network.75-10-2-q.cnf 460 287 0.01 0.03 299.15 0.02 556 Network.75-10-7-q.cnf 460 281 0.02 0.03 265.14 0.02 557 Network.90-12-7-q.cnf 672 301 0.01 0.03 738.22 0.02	553	Configuration.C638_FVK.cnf	1761	2002	0.02	0.24	ТО	0.02
556 Network.75-10-7-q.cnf 460 281 0.02 0.03 265.14 0.02 557 Network.90-12-7-q.cnf 672 301 0.01 0.03 738.22 0.02	554	logistics.log-3.cnf	1413	3414	0.03	0.09	353.38	0.02
556 Network.75-10-7-q.cnf 460 281 0.02 0.03 265.14 0.02 557 Network.90-12-7-q.cnf 672 301 0.01 0.03 738.22 0.02	555		460	287	0.01	0.03	299.15	0.02
557 Network.90-12-7-q.cnf 672 301 0.01 0.03 738.22 0.02	556	Network. 75-10-7-q.cnf	460	281	0.02	0.03	265.14	0.02
			672	301	0.01	0.03		0.02
	558		1548	515	0.00	0.03	ТО	0.02

Section Sect	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
Network.90-19-10-q.cnf 1729 632 0.02 0.04 TO 0.02 562 Network.90-19-2-q.cnf 1729 612 0.02 0.03 TO 0.02 563 Network.90-19-2-q.cnf 1729 664 0.01 0.03 TO 0.02 564 Network.90-19-q.cnf 1920 669 0.01 0.04 TO 0.02 565 Network.90-20-9-q.cnf 1920 663 0.01 0.02 TO 0.02 565 Network.90-21-5-q.cnf 2121 706 0.04 0.02 TO 0.02 566 Network.90-21-5-q.cnf 2121 706 0.04 0.02 TO 0.02 567 Network.90-21-9-q.cnf 2121 706 0.01 0.05 TO 0.02 568 Network.90-22-9-q.cnf 2332 737 0.01 0.04 TO 0.02 569 Network.90-23-0-q.cnf 2553 831 0.01 0.03 TO 0.02 570 Network.90-23-0-q.cnf 2553 831 0.01 0.03 TO 0.02 571 Network.90-24-10-q.cnf 2553 784 0.03 0.07 TO 0.02 572 07-chain.180.fg.uai.cnf 1641 1837 0.02 0.04 TO 0.02 573 Planning.tire-3.cnf 577 751 0.00 0.09 282.39 0.02 574 Planning.tire-3.cnf 812 937 0.01 0.02 126.18 0.02 576 Promedus.33 uai.cnf 1641 1837 0.02 0.08 TO 0.02 576 Promedus.33 uai.cnf 1641 1837 0.02 0.08 TO 0.02 577 random.uf250-061.cnf 250 380 0.02 0.06 16.91 0.02 578 random.uf250-079.cnf 250 380 0.02 0.06 16.91 0.02 579 random.uf250-079.cnf 250 834 0.02 0.04 5.45 0.02 580 BN.110-erg.cnf 447 708 0.01 0.02 264.77 0.01 581 BN.111-erg.cnf 447 708 0.01 0.02 264.77 0.01 584 circuit.s494-bench.cnf 661 1384 0.01 0.02 0.03 0.04 0.01 0.04 0.01 0.05 0.01 0.05 0.01 0.05 0.01 0.05 0.01 0.05 0.01 0.01 0.04 0.01 0.05 0.01 0.01 0.05 0.01 0.05 0.01 0.01 0.05 0.01 0.01 0.05 0.01 0.01 0.05 0.01 0	559	Network.90-18-3-q.cnf	1548	521	0.02	0.01		0.02
562 Network.90-19-2-q.cnf 1729 612 0.02 0.03 TO 0.02 563 Network.90-19-6-q.cnf 1729 604 0.01 0.03 TO 0.02 564 Network.90-21-9-q.cnf 1920 619 0.01 0.04 TO 0.02 565 Network.90-20-9-q.cnf 1920 603 0.01 0.02 TO 0.02 566 Network.90-21-9-q.cnf 2121 766 0.04 0.02 TO 0.02 567 Network.90-21-9-q.cnf 2121 706 0.01 0.04 TO 0.02 568 Network.90-23-10-q.cnf 2332 737 0.01 0.04 TO 0.02 569 Network.90-23-6-q.cnf 2553 831 0.01 0.03 TO 0.02 570 Network.90-24-10-q.cnf 2784 853 0.02 0.04 TO 0.02 571 Network.90-24-10-q.cnf 27784 853 0.02 0.08	560	Network.90-18-6-q.cnf	1548	536	0.01	0.02	ТО	0.02
563 Network.90-19-6-q.cnf 1729 604 0.01 0.03 TO 0.02 564 Network.90-20-8-q.cnf 1920 619 0.01 0.04 TO 0.02 565 Network.90-21-9-q.cnf 1920 603 0.01 0.02 TO 0.02 566 Network.90-21-9-q.cnf 2121 760 0.04 0.02 TO 0.02 567 Network.90-21-9-q.cnf 2121 766 0.01 0.05 TO 0.02 568 Network.90-23-10-q.cnf 2332 737 0.01 0.04 TO 0.02 569 Network.90-23-10-q.cnf 2553 831 0.01 0.03 TO 0.02 570 Network.90-23-6-q.cnf 2553 784 0.03 0.07 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.08 TO 0.02 572 or.chain.180.fg.uaicnf 1641 1837 0.02 0.08 <td< td=""><td>561</td><td>Network.90-19-10-q.cnf</td><td>1729</td><td>632</td><td>0.02</td><td>0.04</td><td>ТО</td><td>0.02</td></td<>	561	Network.90-19-10-q.cnf	1729	632	0.02	0.04	ТО	0.02
564 Network.90-20-8-q.cnf 1920 619 0.01 0.04 TO 0.02 565 Network.90-20-9-q.cnf 1920 603 0.01 0.02 TO 0.02 566 Network.90-21-9-q.cnf 2121 760 0.04 0.02 TO 0.02 567 Network.90-21-9-q.cnf 2121 706 0.01 0.05 TO 0.02 568 Network.90-22-9-q.cnf 2332 737 0.01 0.04 TO 0.02 569 Network.90-23-10-q.cnf 2553 784 0.03 0.07 TO 0.02 570 Network.90-24-10-q.cnf 2553 784 0.03 0.07 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.04 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.08 TO 0.02 572 or.chain.180.fg.ui.cnf 1641 1837 0.02 0.08 <t< td=""><td>562</td><td>Network.90-19-2-q.cnf</td><td>1729</td><td>612</td><td>0.02</td><td>0.03</td><td>ТО</td><td>0.02</td></t<>	562	Network.90-19-2-q.cnf	1729	612	0.02	0.03	ТО	0.02
565 Network.90-20-9-q.cnf 1920 603 0.01 0.02 TO 0.02 566 Network.90-21-5-q.cnf 2121 760 0.04 0.02 TO 0.02 567 Network.90-21-9-q.cnf 2121 706 0.01 0.05 TO 0.02 568 Network.90-22-9-q.cnf 2332 737 0.01 0.04 TO 0.02 569 Network.90-23-10-q.cnf 2553 831 0.01 0.03 TO 0.02 570 Network.90-23-6-q.cnf 2553 784 0.03 0.07 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.04 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.08 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.08 TO 0.02 572 or.chain.180-fg.uai.cnf 1641 1837 0.02 0.08 <	563	Network.90-19-6-q.cnf	1729	604	0.01	0.03	ТО	0.02
566 Network.90-21-5-q.cnf 2121 760 0.04 0.02 TO 0.02 567 Network.90-21-9-q.cnf 2121 706 0.01 0.05 TO 0.02 568 Network.90-22-9-q.cnf 2332 737 0.01 0.04 TO 0.02 569 Network.90-23-10-q.cnf 2553 831 0.01 0.03 TO 0.02 570 Network.90-23-10-q.cnf 2553 784 0.03 0.07 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.04 TO 0.02 572 or_chain.180.fg.uai.cnf 1641 1837 0.02 0.08 TO 0.02 573 Planning.tire-3.cnf 577 751 0.00 0.09 282.39 0.02 574 Planning.tire-4.cnf 812 937 0.01 0.02 126.18 0.02 575 prob003.pddl.cnf.uai.cnf 2949 4780 0.03 0.07	564	Network.90-20-8-q.cnf	1920	619	0.01	0.04		0.02
567 Network.90-21-9-q.cnf 2121 706 0.01 0.05 TO 0.02 568 Network.90-22-9-q.cnf 2332 737 0.01 0.04 TO 0.02 569 Network.90-23-10-q.cnf 2553 831 0.01 0.03 TO 0.02 570 Network.90-24-10-q.cnf 2553 784 0.03 0.07 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.04 TO 0.02 572 or.chain.180.fg.uai.cnf 1641 1837 0.02 0.08 TO 0.02 573 Planning.tire-3.cnf 577 751 0.00 0.09 282.39 0.02 574 Planning.tire-3.cnf 812 937 0.01 0.02 126.18 0.02 575 prob003.pddl.cnf.uai.cnf 2949 4780 0.03 0.07 408.41 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08	565	Network.90-20-9-q.cnf	1920	603	0.01	0.02	ТО	0.02
568 Network.90-22-9-q.cnf 2332 737 0.01 0.04 TO 0.02 569 Network.90-23-10-q.cnf 2553 831 0.01 0.03 TO 0.02 570 Network.90-23-6-q.cnf 2553 784 0.03 0.07 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.04 TO 0.02 572 or.chain.180.fg.uai.cnf 1641 1837 0.02 0.08 TO 0.02 573 Planning.tire-3.cnf 577 751 0.00 0.09 282.39 0.02 574 Planning.tire-4.cnf 812 937 0.01 0.02 126.18 0.02 575 prob003.pddl.cnf.uai.cnf 2949 4780 0.03 0.07 408.41 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 577 random.uf250-061.cnf 250 380 0.02 0.06	566	Network.90-21-5-q.cnf	2121	760	0.04	0.02	ТО	0.02
569 Network.90-23-10-q.cnf 2553 831 0.01 0.03 TO 0.02 570 Network.90-23-6-q.cnf 2553 784 0.03 0.07 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.04 TO 0.02 572 or.chain.180.fg.uai.cnf 1641 1837 0.02 0.08 TO 0.02 573 Planning.tire-3.cnf 577 751 0.00 0.09 282.39 0.02 574 Planning.tire-4.cnf 812 937 0.01 0.02 126.18 0.02 575 prob003.pddl.cnf.uai.cnf 2949 4780 0.03 0.07 408.41 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 577 random.uf250-061.cnf 250 384 0.02 0.08	567	Network.90-21-9-q.cnf	2121	706	0.01	0.05	ТО	0.02
570 Network.90-23-6-q.cnf 2553 784 0.03 0.07 TO 0.02 571 Network.90-24-10-q.cnf 2784 853 0.02 0.04 TO 0.02 572 or.chain.180.fg.uai.cnf 1641 1837 0.02 0.08 TO 0.02 573 Planning.tire-3.cnf 577 751 0.00 0.09 282.39 0.02 574 Planning.tire-3.cnf 577 751 0.00 0.09 282.39 0.02 574 Planning.tire-3.cnf 812 937 0.01 0.02 126.18 0.02 575 prob003.pddl.cnf.uai.cnf 2949 4780 0.03 0.07 408.41 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 577 random.uf250-061.cnf 250 380 0.02 0.06	568	Network.90-22-9-q.cnf	2332	737	0.01	0.04		0.02
571 Network.90-24-10-q.cnf 2784 853 0.02 0.04 TO 0.02 572 or_chain.180.fg.uai.cnf 1641 1837 0.02 0.08 TO 0.02 573 Planning.tire-3.cnf 577 751 0.00 0.09 282.39 0.02 574 Planning.tire-4.cnf 812 937 0.01 0.02 126.18 0.02 575 prob003.pddl.cnf.uai.cnf 2949 4780 0.03 0.07 408.41 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 577 random.uf250-061.cnf 250 380 0.02 0.06 16.91 0.02 578 random.uf250-079.cnf 250 834 0.02 0.04 5.45 0.02 579 random.uf250-098.cnf 250 574 0.02 0.03	569	Network.90-23-10-q.cnf	2553	831	0.01	0.03	ТО	0.02
572 or_chain_180.fg.uai.cnf 1641 1837 0.02 0.08 TO 0.02 573 Planning.tire-3.cnf 577 751 0.00 0.09 282.39 0.02 574 Planning.tire-4.cnf 812 937 0.01 0.02 126.18 0.02 575 prob003.pddl.cnf.uai.cnf 2949 4780 0.03 0.07 408.41 0.02 576 Promedus_33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 576 Promedus_33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 577 random.uf250-061.cnf 250 380 0.02 0.06 16.91 0.02 578 random.uf250-079.cnf 250 834 0.02 0.04 5.45 0.02 579 random.uf250-098.cnf 250 574 0.02 0.03 14.73 0.02 580 BN.110.erg.cnf 447 708 0.01 0.02 <td< td=""><td>570</td><td>Network.90-23-6-q.cnf</td><td>2553</td><td>784</td><td>0.03</td><td>0.07</td><td>ТО</td><td>0.02</td></td<>	570	Network.90-23-6-q.cnf	2553	784	0.03	0.07	ТО	0.02
573 Planning.tire-3.cnf 577 751 0.00 0.09 282.39 0.02 574 Planning.tire-4.cnf 812 937 0.01 0.02 126.18 0.02 575 prob003.pddl.cnf.uai.cnf 2949 4780 0.03 0.07 408.41 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 577 random.uf250-061.cnf 250 380 0.02 0.06 16.91 0.02 578 random.uf250-079.cnf 250 834 0.02 0.04 5.45 0.02 579 random.uf250-098.cnf 250 574 0.02 0.03 14.73 0.02 580 BN.110.erg.cnf 447 708 0.01 0.02 264.77 0.01 581 BN.111.erg.cnf 447 708 0.01 0.01 244.03 0.01 582 circuit.s494.bench.cnf 661 1384 0.01 0.02	571	Network.90-24-10-q.cnf	2784	853	0.02	0.04	ТО	0.02
574 Planning, tire-4.cnf 812 937 0.01 0.02 126.18 0.02 575 prob003.pddl.cnf.uai.cnf 2949 4780 0.03 0.07 408.41 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 577 random.uf250-061.cnf 250 380 0.02 0.06 16.91 0.02 578 random.uf250-079.cnf 250 834 0.02 0.04 5.45 0.02 579 random.uf250-098.cnf 250 574 0.02 0.03 14.73 0.02 580 BN.110.erg.cnf 447 708 0.01 0.02 264.77 0.01 581 BN.111.erg.cnf 447 708 0.01 0.02 264.77 0.01 582 circuit.s1494.bench.cnf 661 1384 0.01 0.02 0.63 0.01 583 circuit.s820.bench.cnf 218 410 0.01 0.01 <	572	or_chain_180.fg.uai.cnf	1641	1837	0.02	0.08	ТО	0.02
575 prob003.pddl.cnf.uai.cnf 2949 4780 0.03 0.07 408.41 0.02 576 Promedus.33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 577 random.uf250-061.cnf 250 380 0.02 0.06 16.91 0.02 578 random.uf250-079.cnf 250 834 0.02 0.04 5.45 0.02 579 random.uf250-098.cnf 250 574 0.02 0.03 14.73 0.02 580 BN.110.erg.cnf 447 708 0.01 0.02 264.77 0.01 581 BN.111.erg.cnf 447 708 0.01 0.02 264.77 0.01 582 circuit.s1494.bench.cnf 661 1384 0.01 0.02 0.63 0.01 583 circuit.s2526n.bench.cnf 218 410 0.01 0.01 0.46 0.01 584 circuit.s820.bench.cnf 312 672 0.01 0.01	573	Planning.tire-3.cnf	577	751	0.00	0.09	282.39	0.02
576 Promedus_33.uai.cnf 1641 1837 0.02 0.08 TO 0.02 577 random.uf250-061.cnf 250 380 0.02 0.06 16.91 0.02 578 random.uf250-079.cnf 250 834 0.02 0.04 5.45 0.02 579 random.uf250-098.cnf 250 574 0.02 0.03 14.73 0.02 580 BN.110.erg.cnf 447 708 0.01 0.02 264.77 0.01 581 BN.111.erg.cnf 447 708 0.01 0.01 244.03 0.01 582 circuit.s1494.bench.cnf 661 1384 0.01 0.02 0.63 0.01 583 circuit.s2526n.bench.cnf 218 410 0.01 0.04 0.06 0.01 584 circuit.s820.bench.cnf 312 672 0.01 0.01 0.59 0.01 585 circuit.ssa7552-038.cnf 1501 1763 0.01 0.02 <t< td=""><td>574</td><td>Planning.tire-4.cnf</td><td>812</td><td>937</td><td>0.01</td><td>0.02</td><td>126.18</td><td>0.02</td></t<>	574	Planning.tire-4.cnf	812	937	0.01	0.02	126.18	0.02
577 random.uf250-061.cnf 250 380 0.02 0.06 16.91 0.02 578 random.uf250-079.cnf 250 834 0.02 0.04 5.45 0.02 579 random.uf250-098.cnf 250 574 0.02 0.03 14.73 0.02 580 BN_110.erg.cnf 447 708 0.01 0.02 264.77 0.01 581 BN_111.erg.cnf 447 708 0.01 0.01 244.03 0.01 582 circuit.s1494.bench.cnf 661 1384 0.01 0.02 0.63 0.01 583 circuit.s526n.bench.cnf 218 410 0.01 0.01 0.46 0.01 584 circuit.s820.bench.cnf 312 672 0.01 0.01 0.59 0.01 585 circuit.ssa7552-038.cnf 1501 1763 0.01 0.02 92.31 0.01 587 circuit.ssa7552-160.cnf 1391 1596 0.01 0.01	575	prob003.pddl.cnf.uai.cnf	2949	4780	0.03	0.07	408.41	0.02
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	576	Promedus_33.uai.cnf	1641	1837	0.02	0.08	ТО	0.02
579 random.uf250-098.cnf 250 574 0.02 0.03 14.73 0.02 580 BN.110.erg.cnf 447 708 0.01 0.02 264.77 0.01 581 BN.111.erg.cnf 447 708 0.01 0.01 244.03 0.01 582 circuit.s1494.bench.cnf 661 1384 0.01 0.02 0.63 0.01 583 circuit.s2526n.bench.cnf 218 410 0.01 0.01 0.46 0.01 584 circuit.s820.bench.cnf 312 672 0.01 0.01 0.59 0.01 585 circuit.s953.bench.cnf 417 791 0.01 0.03 0.49 0.01 586 circuit.ssa7552-038.cnf 1501 1763 0.01 0.02 92.31 0.01 587 circuit.ssa7552-160.cnf 1391 1596 0.01 0.01 61.69 0.01 588 Configuration.C211_FS.cnf 1635 1751 0.00 0.03	577	random.uf250-061.cnf	250	380	0.02	0.06	16.91	0.02
580 BN_110.erg.cnf 447 708 0.01 0.02 264.77 0.01 581 BN_111.erg.cnf 447 708 0.01 0.01 244.03 0.01 582 circuit.s1494.bench.cnf 661 1384 0.01 0.02 0.63 0.01 583 circuit.s526n.bench.cnf 218 410 0.01 0.01 0.46 0.01 584 circuit.s820.bench.cnf 312 672 0.01 0.01 0.59 0.01 585 circuit.s953.bench.cnf 417 791 0.01 0.03 0.49 0.01 586 circuit.ssa7552-038.cnf 1501 1763 0.01 0.02 92.31 0.01 587 circuit.ssa7552-160.cnf 1391 1596 0.01 0.01 61.69 0.01 588 Configuration.C211_FS.cnf 1635 1751 0.00 0.03 TO 0.01 590 Network.75-10-6-q.cnf 460 250 0.01 0.01 <td>578</td> <td>random.uf250-079.cnf</td> <td>250</td> <td>834</td> <td>0.02</td> <td>0.04</td> <td>5.45</td> <td>0.02</td>	578	random.uf250-079.cnf	250	834	0.02	0.04	5.45	0.02
581 BN_111.erg.cnf 447 708 0.01 0.01 244.03 0.01 582 circuit.s1494.bench.cnf 661 1384 0.01 0.02 0.63 0.01 583 circuit.s526n.bench.cnf 218 410 0.01 0.01 0.46 0.01 584 circuit.s820.bench.cnf 312 672 0.01 0.01 0.59 0.01 585 circuit.s953.bench.cnf 417 791 0.01 0.03 0.49 0.01 586 circuit.ssa7552-038.cnf 1501 1763 0.01 0.02 92.31 0.01 587 circuit.ssa7552-160.cnf 1391 1596 0.01 0.01 61.69 0.01 588 Configuration.C211.FS.cnf 1635 1751 0.00 0.03 TO 0.01 589 Handmade.qg3-08.cnf 512 1794 0.01 0.01 0.17 0.01 590 Network.75-10-6-q.cnf 460 250 0.01 0.0	579	random.uf250-098.cnf	250	574	0.02	0.03	14.73	0.02
582 circuit.s1494.bench.cnf 661 1384 0.01 0.02 0.63 0.01 583 circuit.s526n.bench.cnf 218 410 0.01 0.01 0.46 0.01 584 circuit.s820.bench.cnf 312 672 0.01 0.01 0.59 0.01 585 circuit.s953.bench.cnf 417 791 0.01 0.03 0.49 0.01 586 circuit.ssa7552-038.cnf 1501 1763 0.01 0.02 92.31 0.01 587 circuit.ssa7552-160.cnf 1391 1596 0.01 0.01 61.69 0.01 588 Configuration.C211_FS.cnf 1635 1751 0.00 0.03 TO 0.01 589 Handmade.qg3-08.cnf 512 1794 0.01 0.01 0.17 0.01 590 Network.75-10-6-q.cnf 460 250 0.01 0.01 260.42 0.01 591 Network.90-14-10-q.cnf 924 447 0.00	580	$\mathrm{BN}\text{-}110.\mathrm{erg.cnf}$	447	708	0.01	0.02	264.77	0.01
583 circuit.s526n.bench.cnf 218 410 0.01 0.01 0.46 0.01 584 circuit.s820.bench.cnf 312 672 0.01 0.01 0.59 0.01 585 circuit.s953.bench.cnf 417 791 0.01 0.03 0.49 0.01 586 circuit.ssa7552-038.cnf 1501 1763 0.01 0.02 92.31 0.01 587 circuit.ssa7552-160.cnf 1391 1596 0.01 0.01 61.69 0.01 588 Configuration.C211.FS.cnf 1635 1751 0.00 0.03 TO 0.01 589 Handmade.qg3-08.cnf 512 1794 0.01 0.01 0.17 0.01 590 Network.75-10-6-q.cnf 460 250 0.01 0.01 260.42 0.01 591 Network.75-14-1-q.cnf 924 447 0.00 0.04 TO 0.01 592 Network.90-14-10-q.cnf 924 372 0.01	581	BN_111.erg.cnf	447	708	0.01	0.01	244.03	0.01
584 circuit.s820.bench.cnf 312 672 0.01 0.01 0.59 0.01 585 circuit.s953.bench.cnf 417 791 0.01 0.03 0.49 0.01 586 circuit.ssa7552-038.cnf 1501 1763 0.01 0.02 92.31 0.01 587 circuit.ssa7552-160.cnf 1391 1596 0.01 0.01 61.69 0.01 588 Configuration.C211_FS.cnf 1635 1751 0.00 0.03 TO 0.01 589 Handmade.qg3-08.cnf 512 1794 0.01 0.01 0.17 0.01 590 Network.75-10-6-q.cnf 460 250 0.01 0.01 260.42 0.01 591 Network.75-14-1-q.cnf 924 447 0.00 0.04 TO 0.01 592 Network.90-14-10-q.cnf 924 372 0.01 0.02 TO 0.01	582	circuit.s1494.bench.cnf	661	1384	0.01	0.02	0.63	0.01
585 circuit.s953.bench.cnf 417 791 0.01 0.03 0.49 0.01 586 circuit.ssa7552-038.cnf 1501 1763 0.01 0.02 92.31 0.01 587 circuit.ssa7552-160.cnf 1391 1596 0.01 0.01 61.69 0.01 588 Configuration.C211_FS.cnf 1635 1751 0.00 0.03 TO 0.01 589 Handmade.qg3-08.cnf 512 1794 0.01 0.01 0.17 0.01 590 Network.75-10-6-q.cnf 460 250 0.01 0.01 260.42 0.01 591 Network.75-14-1-q.cnf 924 447 0.00 0.04 TO 0.01 592 Network.90-14-10-q.cnf 924 372 0.01 0.02 TO 0.01	583	circuit.s526n.bench.cnf	218	410	0.01	0.01	0.46	0.01
586 circuit.ssa7552-038.cnf 1501 1763 0.01 0.02 92.31 0.01 587 circuit.ssa7552-160.cnf 1391 1596 0.01 0.01 61.69 0.01 588 Configuration.C211_FS.cnf 1635 1751 0.00 0.03 TO 0.01 589 Handmade.qg3-08.cnf 512 1794 0.01 0.01 0.17 0.01 590 Network.75-10-6-q.cnf 460 250 0.01 0.01 260.42 0.01 591 Network.75-14-1-q.cnf 924 447 0.00 0.04 TO 0.01 592 Network.90-14-10-q.cnf 924 372 0.01 0.02 TO 0.01	584	circuit.s820.bench.cnf	312	672	0.01	0.01	0.59	0.01
587 circuit.ssa7552-160.cnf 1391 1596 0.01 0.01 61.69 0.01 588 Configuration.C211_FS.cnf 1635 1751 0.00 0.03 TO 0.01 589 Handmade.qg3-08.cnf 512 1794 0.01 0.01 0.17 0.01 590 Network.75-10-6-q.cnf 460 250 0.01 0.01 260.42 0.01 591 Network.75-14-1-q.cnf 924 447 0.00 0.04 TO 0.01 592 Network.90-14-10-q.cnf 924 372 0.01 0.02 TO 0.01	585		417		0.01	0.03	0.49	0.01
588 Configuration.C211_FS.cnf 1635 1751 0.00 0.03 TO 0.01 589 Handmade.qg3-08.cnf 512 1794 0.01 0.01 0.17 0.01 590 Network.75-10-6-q.cnf 460 250 0.01 0.01 260.42 0.01 591 Network.75-14-1-q.cnf 924 447 0.00 0.04 TO 0.01 592 Network.90-14-10-q.cnf 924 372 0.01 0.02 TO 0.01	586	circuit.ssa7552-038.cnf	1501	1763	0.01	0.02	92.31	0.01
589 Handmade.qg3-08.cnf 512 1794 0.01 0.01 0.17 0.01 590 Network.75-10-6-q.cnf 460 250 0.01 0.01 260.42 0.01 591 Network.75-14-1-q.cnf 924 447 0.00 0.04 TO 0.01 592 Network.90-14-10-q.cnf 924 372 0.01 0.02 TO 0.01	587	circuit.ssa7552-160.cnf	1391	1596	0.01	0.01	61.69	0.01
590 Network.75-10-6-q.cnf 460 250 0.01 0.01 260.42 0.01 591 Network.75-14-1-q.cnf 924 447 0.00 0.04 TO 0.01 592 Network.90-14-10-q.cnf 924 372 0.01 0.02 TO 0.01	588		1635	1751	0.00	0.03	ТО	0.01
591 Network.75-14-1-q.cnf 924 447 0.00 0.04 TO 0.01 592 Network.90-14-10-q.cnf 924 372 0.01 0.02 TO 0.01	I				0.01	0.01	0.17	0.01
592 Network.90-14-10-q.cnf 924 372 0.01 0.02 TO 0.01	590	Network.75-10-6-q.cnf	460		0.01	0.01		0.01
		Network.75-14-1-q.cnf	924		0.00	0.04		0.01
593 Network.90-15-3-q.cnf 1065 433 0.01 0.04 TO 0.01		Network.90-14-10-q.cnf	924	372	0.01	0.02		0.01
- 	593	Network.90-15-3-q.cnf	1065	433	0.01	0.04	ТО	0.01

Network.90-16-9-q.cnf 1216	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
Network.90-17-6-q.cnf 1377 489 0.01 0.01 TO 0.01 597 Network.90-18-7-q.cnf 1548 486 0.01 0.03 TO 0.01 598 Network.90-18-8-q.cnf 1548 524 0.01 0.03 TO 0.01 599 Network.90-18-q.cnf 1729 581 0.02 0.02 TO 0.01 600 Network.90-19-7-q.cnf 1729 581 0.02 0.02 TO 0.01 601 Network.90-20-10-q.cnf 1920 640 0.02 0.02 TO 0.01 602 Network.90-20-7-q.cnf 1920 640 0.02 0.02 TO 0.01 602 Network.90-20-7-q.cnf 1920 713 0.01 0.04 TO 0.01 603 Network.90-21-1-q.cnf 2121 667 0.00 0.04 TO 0.01 603 Network.90-21-1-q.cnf 2121 667 0.00 0.04 TO 0.01 605 Network.90-22-1-q.cnf 2332 722 0.00 0.03 TO 0.01 606 Network.90-22-1-q.cnf 2332 722 0.00 0.03 TO 0.01 606 Network.90-22-1-q.cnf 2332 699 0.00 0.01 TO 0.01 607 Network.90-22-1-q.cnf 2332 749 0.00 0.01 TO 0.01 608 Network.90-22-q.cnf 3025 879 0.00 0.01 TO 0.01 608 Network.90-22-q.cnf 3025 879 0.00 0.01 TO 0.01 609 Network.90-25-q.cnf 3025 879 0.00 0.01 TO 0.01 610 Network.sat-grid-pli-015.cnf 240 174 0.01 0.01 TO 0.01 611 or.chain.111.guai.cnf 874 972 0.01 0.04 TO 0.01 612 or.chain.115.guai.cnf 1473 1662 0.01 0.04 TO 0.01 613 or.chain.1175.fg.uai.cnf 1473 1662 0.01 0.04 TO 0.01 614 Planning.bw.large.d.cnf 6325 6365 0.02 0.00 0.28 0.01 615 Promedus.24.uai.cnf 874 972 0.01 0.04 TO 0.01 616 random.ur250-006.cnf 250 355 0.00 0.01 3.06 0.01 618 random.ur250-063.cnf 250 355 0.00 0.01 3.06 0.01 618 random.ur250-063.cnf 250 664 0.00 0.00 2.87 0.01 622 random.ur250-063.cnf 250 767 0.01 0.	594	Network.90-16-9-q.cnf	1216	451	0.00	0.02		0.01
597 Network.90-18-7-q.cnf 1548 486 0.01 0.03 TO 0.01	595	Network.90-17-3-q.cnf	1377	494	0.01	0.02	ТО	0.01
598 Network.90-18-8-q.cnf 1548 524 0.01 0.03 TO 0.01 599 Network.90-19-7-q.cnf 1729 581 0.02 DO TO 0.01 600 Network.90-19-7-q.cnf 1729 544 0.01 0.02 TO 0.01 601 Network.90-20-10-q.cnf 1920 640 0.02 0.02 TO 0.01 602 Network.90-21-q.cnf 1920 640 0.02 0.02 TO 0.01 603 Network.90-21-q.cnf 2121 667 0.00 0.04 TO 0.01 604 Network.90-22-1-q.cnf 2332 722 0.00 0.03 TO 0.01 605 Network.90-22-1-q.cnf 2332 729 0.00 0.01 TO 0.01 606 Network.90-22-4-q.cnf 2332 749 0.00 0.01 TO 0.01 607 Network.90-22-6-q.cnf 2332 749 0.00 0.01 TO	596	Network.90-17-6-q.cnf	1377	489	0.01	0.01	ТО	0.01
Network.90-19-7-q.cnf 1729 581 0.02 0.02 TO 0.01	597	Network.90-18-7-q.cnf	1548	486	0.01	0.03	ТО	0.01
600 Network.90-19-8-q.cnf 1729 544 0.01 0.02 TO 0.01 601 Network.90-20-10-q.cnf 1920 640 0.02 0.02 TO 0.01 602 Network.90-20-7-q.cnf 1920 713 0.01 0.04 TO 0.01 603 Network.90-21-1-q.cnf 2121 667 0.00 0.04 TO 0.01 604 Network.90-21-3-q.cnf 2121 619 0.00 0.03 TO 0.01 605 Network.90-22-4-q.cnf 2332 722 0.00 0.03 TO 0.01 606 Network.90-22-4-q.cnf 2332 749 0.00 0.01 TO 0.01 607 Network.90-25-2-q.cnf 3025 879 0.00 0.01 TO 0.01 608 Network.blockmap.05.03.net.cnf 2055 2205 0.00 0.01 TO 0.01 610 Network.sat-grid-pbl-0015.cnf 240 174 0.01 0.01 <td>598</td> <td>Network.90-18-8-q.cnf</td> <td>1548</td> <td>524</td> <td>0.01</td> <td>0.03</td> <td>ТО</td> <td>0.01</td>	598	Network.90-18-8-q.cnf	1548	524	0.01	0.03	ТО	0.01
601 Network.90-20-10-q.cnf 1920 640 0.02 0.02 TO 0.01 602 Network.90-20-7-q.cnf 1920 713 0.01 0.04 TO 0.01 603 Network.90-21-1-q.cnf 2121 667 0.00 0.03 TO 0.01 604 Network.90-21-3-q.cnf 2121 669 0.00 0.03 TO 0.01 605 Network.90-22-1-q.cnf 2332 722 0.00 0.03 TO 0.01 606 Network.90-22-4-q.cnf 2332 699 0.00 0.01 TO 0.01 607 Network.90-22-4-q.cnf 2332 749 0.00 0.01 TO 0.01 608 Network.90-25-2-q.cnf 3025 879 0.00 0.01 TO 0.01 609 Network.blockmap.05.03.net.cnf 2055 2205 0.00 0.01 TO 0.01 610 Network.sat-grid-pbl-0015.cnf 240 174 0.01 0.01 <td>599</td> <td>Network.90-19-7-q.cnf</td> <td>1729</td> <td>581</td> <td>0.02</td> <td>0.02</td> <td></td> <td>0.01</td>	599	Network.90-19-7-q.cnf	1729	581	0.02	0.02		0.01
602 Network.90-20-7-q.cnf 1920 713 0.01 0.04 TO 0.01 603 Network.90-21-1-q.cnf 2121 667 0.00 0.04 TO 0.01 604 Network.90-21-3-q.cnf 2121 619 0.00 0.03 TO 0.01 605 Network.90-22-1-q.cnf 2332 722 0.00 0.03 TO 0.01 606 Network.90-22-4-q.cnf 2332 699 0.00 0.01 TO 0.01 607 Network.90-22-5-q.cnf 3025 879 0.00 0.01 TO 0.01 608 Network.blockmap.05.03.net.cnf 2055 2205 0.00 0.01 TO 0.01 610 Network.sat-grid-pbl-0015.cnf 240 174 0.01 0.01 TO 0.01 611 or_chain.175.fg.uai.cnf 1473 1662 0.01 0.04 TO 0.01 612 or_chain.197.fg.uai.cnf 1474 1697 0.00 0.0	600	Network.90-19-8-q.cnf	1729	544	0.01	0.02	ТО	0.01
603 Network.90-21-1-q.cnf 2121 667 0.00 0.04 TO 0.01 604 Network.90-21-3-q.cnf 2121 619 0.00 0.03 TO 0.01 605 Network.90-22-1-q.cnf 2332 722 0.00 0.03 TO 0.01 606 Network.90-22-4-q.cnf 2332 799 0.00 0.01 TO 0.01 607 Network.90-25-2-q.cnf 2332 749 0.00 0.01 TO 0.01 608 Network.90-25-2-q.cnf 3025 879 0.00 0.01 TO 0.01 609 Network.blockmap.05.03.net.cnf 2055 2205 0.00 0.01 TO 0.01 610 Network.sat-grid-pbl-0015.cnf 240 174 0.01 0.01 TO 0.01 611 or.chain.111.f.g.uai.cnf 874 972 0.01 0.04 TO 0.01 612 or.chain.197.fg.uai.cnf 1473 1662 0.01 0.04	601	Network.90-20-10-q.cnf	1920	640	0.02	0.02	ТО	0.01
604 Network.90-21-3-q.cnf 2121 619 0.00 0.03 TO 0.01 605 Network.90-22-1-q.cnf 2332 722 0.00 0.03 TO 0.01 606 Network.90-22-4-q.cnf 2332 699 0.00 0.01 TO 0.01 607 Network.90-22-4-q.cnf 2332 749 0.00 0.01 TO 0.01 608 Network.90-25-2-q.cnf 3025 879 0.00 0.01 TO 0.01 609 Network.blockmap.05.03.net.cnf 2055 2205 0.00 0.01 TO 0.01 610 Network.sat-grid-pbl-0015.cnf 240 174 0.01 0.01 TO 0.01 611 or.chain.111.fg.uai.cnf 874 972 0.01 0.04 TO 0.01 612 or.chain.197.fg.uai.cnf 1504 1697 0.00 0.03 TO 0.01 613 or.chain.197.fg.uai.cnf 6325 6365 0.02 0.	602	Network.90-20-7-q.cnf	1920	713	0.01	0.04	ТО	0.01
605 Network.90-22-1-q.cnf 2332 722 0.00 0.03 TO 0.01 606 Network.90-22-4-q.cnf 2332 699 0.00 0.01 TO 0.01 607 Network.90-22-4-q.cnf 2332 749 0.00 0.01 TO 0.01 608 Network.90-25-2-q.cnf 3025 879 0.00 0.01 TO 0.01 609 Network.blockmap.05.03.net.cnf 2055 2205 0.00 0.01 2.59 0.01 610 Network.sat-grid-pbl-0015.cnf 240 174 0.01 0.01 TO 0.01 611 or.chain.175.fg.uai.cnf 874 972 0.01 0.04 TO 0.01 612 or.chain.197.fg.uai.cnf 1473 1662 0.01 0.04 TO 0.01 613 or.chain.197.fg.uai.cnf 1504 1697 0.00 0.03 TO 0.01 614 Planning.bw.large.d.cnf 6325 6365 0.02 <	603	Network.90-21-1-q.cnf	2121	667	0.00	0.04		0.01
606 Network.90-22-4-q.cnf 2332 699 0.00 0.01 TO 0.01 607 Network.90-22-6-q.cnf 2332 749 0.00 0.01 TO 0.01 608 Network.90-25-2-q.cnf 3025 879 0.00 0.01 TO 0.01 609 Network.blockmap.05.03.net.cnf 2055 2205 0.00 0.01 TO 0.01 610 Network.blockmap.05.03.net.cnf 2055 2005 0.00 0.01 TO 0.01 610 Network.sta-grid-pbl-0015.cnf 240 174 0.01 0.01 TO 0.01 611 or.chain.1175.fg.uai.cnf 1473 1662 0.01 0.04 TO 0.01 612 or.chain.197.fg.uai.cnf 1504 1697 0.00 0.03 TO 0.01 613 or.chain.197.fg.uai.cnf 6325 6365 0.02 0.00 0.28 0.01 614 Planning.bw.large.d.cnf 6325 6355 0.02 </td <td>604</td> <td>Network.90-21-3-q.cnf</td> <td>2121</td> <td>619</td> <td>0.00</td> <td>0.03</td> <td>ТО</td> <td>0.01</td>	604	Network.90-21-3-q.cnf	2121	619	0.00	0.03	ТО	0.01
607 Network.90-22-6-q.cnf 2332 749 0.00 0.01 TO 0.01 608 Network.90-25-2-q.cnf 3025 879 0.00 0.01 TO 0.01 609 Network.blockmap.05.03.net.cnf 2055 2205 0.00 0.01 2.59 0.01 610 Network.sat-grid-pbl-0015.cnf 240 174 0.01 0.01 TO 0.01 611 or.chain.111.fg.uai.cnf 874 972 0.01 0.04 TO 0.01 612 or.chain.175.fg.uai.cnf 1473 1662 0.01 0.04 TO 0.01 613 or.chain.197.fg.uai.cnf 1504 1697 0.00 0.03 TO 0.01 614 Planning.bw.large.d.cnf 6325 6365 0.02 0.00 0.28 0.01 615 Promedus.24.uai.cnf 874 972 0.01 0.04 TO 0.01 616 random.uf250-010.cnf 250 355 0.00	605	Network.90-22-1-q.cnf	2332	722	0.00	0.03	ТО	0.01
608 Network.90-25-2-q.cnf 3025 879 0.00 0.01 TO 0.01 609 Network.blockmap.05.03.net.cnf 2055 2205 0.00 0.01 2.59 0.01 610 Network.sat-grid-pbl-0015.cnf 240 174 0.01 0.01 TO 0.01 611 or_chain.111.fg.uai.cnf 874 972 0.01 0.04 TO 0.01 612 or_chain.197.fg.uai.cnf 1473 1662 0.01 0.04 TO 0.01 613 or_chain.197.fg.uai.cnf 1504 1697 0.00 0.03 TO 0.01 613 or_chain.197.fg.uai.cnf 1504 1697 0.00 0.03 TO 0.01 614 Planning.bw.large.d.cnf 6325 6365 0.02 0.00 0.28 0.01 615 Promedus_24.uai.cnf 874 972 0.01 0.04 TO 0.01 616 random.uf250-0100.cnf 250 355 0.00	606	Network.90-22-4-q.cnf	2332	699	0.00	0.01	ТО	0.01
609 Network.blockmap_05_03.net.cnf 2055 2205 0.00 0.01 2.59 0.01 610 Network.sat-grid-pbl-0015.cnf 240 174 0.01 0.01 TO 0.01 611 or_chain_111.fg.uai.cnf 874 972 0.01 0.04 TO 0.01 612 or_chain_197.fg.uai.cnf 1473 1662 0.01 0.04 TO 0.01 613 or_chain_197.fg.uai.cnf 1504 1697 0.00 0.03 TO 0.01 614 Planning.bw.large.d.cnf 6325 6365 0.02 0.00 0.28 0.01 615 Promedus_24.uai.cnf 874 972 0.01 0.04 TO 0.01 616 random.uf250-010.cnf 250 355 0.00 0.01 3.06 0.01 617 random.uf250-030.cnf 250 392 0.01 0.01 3.75 0.01 618 random.uf250-046.cnf 250 664 0.00	607		2332	749	0.00	0.01	ТО	0.01
610 Network.sat-grid-pbl-0015.cnf 240 174 0.01 0.01 TO 0.01 611 or.chain.111.fg.uai.cnf 874 972 0.01 0.04 TO 0.01 612 or.chain.175.fg.uai.cnf 1473 1662 0.01 0.04 TO 0.01 613 or.chain.197.fg.uai.cnf 1504 1697 0.00 0.03 TO 0.01 614 Planning.bw.large.d.cnf 6325 6365 0.02 0.00 0.28 0.01 615 Promedus.24.uai.cnf 874 972 0.01 0.04 TO 0.01 615 Promedus.24.uai.cnf 874 972 0.01 0.04 TO 0.01 615 Promedus.24.uai.cnf 250 355 0.00 0.01 3.06 0.01 616 random.uf250-010.cnf 250 355 0.00 0.01 3.06 0.01 617 random.uf250-046.cnf 250 664 0.00 0.01	608	Network.90-25-2-q.cnf	3025	879	0.00	0.01	ТО	0.01
611 or_chain_I11.fg.uai.cnf 874 972 0.01 0.04 TO 0.01 612 or_chain_I75.fg.uai.cnf 1473 1662 0.01 0.04 TO 0.01 613 or_chain_197.fg.uai.cnf 1504 1697 0.00 0.03 TO 0.01 614 Planning.bw_large.d.cnf 6325 6365 0.02 0.00 0.28 0.01 615 Promedus_24.uai.cnf 874 972 0.01 0.04 TO 0.01 616 random.uf250-0100.cnf 250 355 0.00 0.01 3.06 0.01 617 random.uf250-030.cnf 250 392 0.01 0.01 3.75 0.01 618 random.uf250-046.cnf 250 664 0.00 0.01 2.92 0.01 619 random.uf250-063.cnf 250 410 0.00 0.02 4.87 0.01 620 random.uf250-069.cnf 250 637 0.01 0.01	609	Network.blockmap_05_03.net.cnf	2055	2205	0.00	0.01	2.59	0.01
612 or_chain_175.fg_uai.cnf 1473 1662 0.01 0.04 TO 0.01 613 or_chain_197.fg_uai.cnf 1504 1697 0.00 0.03 TO 0.01 614 Planning_bw_large_d.cnf 6325 6365 0.02 0.00 0.28 0.01 615 Promedus_24.uai.cnf 874 972 0.01 0.04 TO 0.01 616 random.uf250-0100.cnf 250 355 0.00 0.01 3.06 0.01 617 random.uf250-030.cnf 250 392 0.01 0.01 3.75 0.01 618 random.uf250-046.cnf 250 664 0.00 0.01 2.92 0.01 619 random.uf250-063.cnf 250 410 0.00 0.02 4.87 0.01 620 random.uf250-069.cnf 250 637 0.01 0.01 4.98 0.01 621 random.uf250-075.cnf 250 749 0.01 0.02 <	610	Network.sat-grid-pbl-0015.cnf	240	174	0.01	0.01	ТО	0.01
613 or_chain_197.fg.uai.cnf 1504 1697 0.00 0.03 TO 0.01 614 Planning.bw_large.d.cnf 6325 6365 0.02 0.00 0.28 0.01 615 Promedus_24.uai.cnf 874 972 0.01 0.04 TO 0.01 616 random.uf250-0100.cnf 250 355 0.00 0.01 3.06 0.01 617 random.uf250-030.cnf 250 392 0.01 0.01 3.75 0.01 618 random.uf250-046.cnf 250 664 0.00 0.01 2.92 0.01 619 random.uf250-063.cnf 250 410 0.00 0.02 4.87 0.01 620 random.uf250-069.cnf 250 637 0.01 0.01 4.98 0.01 621 random.uf250-075.cnf 250 749 0.01 0.02 5.45 0.01 622 random.uf250-084.cnf 250 767 0.01 0.05	611	or_chain_111.fg.uai.cnf	874	972	0.01	0.04	ТО	0.01
614 Planning.bw.large.d.cnf 6325 6365 0.02 0.00 0.28 0.01 615 Promedus.24.uai.cnf 874 972 0.01 0.04 TO 0.01 616 random.uf250-0100.cnf 250 355 0.00 0.01 3.06 0.01 617 random.uf250-030.cnf 250 392 0.01 0.01 3.75 0.01 618 random.uf250-046.cnf 250 664 0.00 0.01 2.92 0.01 619 random.uf250-063.cnf 250 410 0.00 0.02 4.87 0.01 620 random.uf250-069.cnf 250 637 0.01 0.01 4.98 0.01 621 random.uf250-075.cnf 250 749 0.01 0.02 5.45 0.01 622 random.uf250-084.cnf 250 767 0.01 0.05 8.79 0.01 623 s953.scan.erg.cnf 951 1010 0.01 0.01 1.55<	612	or_chain_175.fg.uai.cnf	1473	1662	0.01	0.04	ТО	0.01
615 Promedus_24.uai.cnf 874 972 0.01 0.04 TO 0.01 616 random.uf250-0100.cnf 250 355 0.00 0.01 3.06 0.01 617 random.uf250-030.cnf 250 392 0.01 0.01 3.75 0.01 618 random.uf250-046.cnf 250 664 0.00 0.01 2.92 0.01 619 random.uf250-063.cnf 250 410 0.00 0.02 4.87 0.01 620 random.uf250-069.cnf 250 637 0.01 0.01 4.98 0.01 621 random.uf250-075.cnf 250 749 0.01 0.02 5.45 0.01 622 random.uf250-084.cnf 250 767 0.01 0.05 8.79 0.01 623 s953.scan.erg.cnf 951 1010 0.01 0.01 1.55 0.01 624 90-10-1.erg.cnf 302 289 0.00 0.00 20.97	613	or_chain_197.fg.uai.cnf	1504	1697	0.00	0.03	ТО	0.01
616 random.uf250-0100.cnf 250 355 0.00 0.01 3.06 0.01 617 random.uf250-030.cnf 250 392 0.01 0.01 3.75 0.01 618 random.uf250-046.cnf 250 664 0.00 0.01 2.92 0.01 619 random.uf250-063.cnf 250 410 0.00 0.02 4.87 0.01 620 random.uf250-069.cnf 250 637 0.01 0.01 4.98 0.01 621 random.uf250-075.cnf 250 749 0.01 0.02 5.45 0.01 622 random.uf250-084.cnf 250 767 0.01 0.05 8.79 0.01 623 s953.scan.erg.cnf 951 1010 0.01 1.55 0.01 624 90-10-1.erg.cnf 302 289 0.00 0.00 20.97 0.00 625 90-14-1.erg.cnf 522 491 0.00 0.00 150.69 0.00	614		6325	6365	0.02	0.00	0.28	0.01
617 random.uf250-030.cnf 250 392 0.01 0.01 3.75 0.01 618 random.uf250-046.cnf 250 664 0.00 0.01 2.92 0.01 619 random.uf250-063.cnf 250 410 0.00 0.02 4.87 0.01 620 random.uf250-069.cnf 250 637 0.01 0.01 4.98 0.01 621 random.uf250-075.cnf 250 749 0.01 0.02 5.45 0.01 622 random.uf250-084.cnf 250 767 0.01 0.05 8.79 0.01 623 s953.scan.erg.cnf 951 1010 0.01 0.01 1.55 0.01 624 90-10-1.erg.cnf 302 289 0.00 0.00 20.97 0.00 625 90-14-1.erg.cnf 522 491 0.00 0.00 150.69 0.00 626 blasted_case10.cnf 328 381 0.00 0.00 4.73	615	Promedus_24.uai.cnf	874	972	0.01	0.04	ТО	0.01
618 random.uf250-046.cnf 250 664 0.00 0.01 2.92 0.01 619 random.uf250-063.cnf 250 410 0.00 0.02 4.87 0.01 620 random.uf250-069.cnf 250 637 0.01 0.01 4.98 0.01 621 random.uf250-075.cnf 250 749 0.01 0.02 5.45 0.01 622 random.uf250-084.cnf 250 767 0.01 0.05 8.79 0.01 623 s953.scan.erg.cnf 951 1010 0.01 0.01 1.55 0.01 624 90-10-1.erg.cnf 302 289 0.00 0.00 20.97 0.00 625 90-14-1.erg.cnf 522 491 0.00 0.00 150.69 0.00 626 blasted_case10.cnf 328 381 0.00 0.01 4.60 0.00 627 blasted_case15.cnf 296 339 0.00 0.00 4.73 <	616	random.uf250-0100.cnf	250	355	0.00	0.01	3.06	0.01
619 random.uf250-063.cnf 250 410 0.00 0.02 4.87 0.01 620 random.uf250-069.cnf 250 637 0.01 0.01 4.98 0.01 621 random.uf250-075.cnf 250 749 0.01 0.02 5.45 0.01 622 random.uf250-084.cnf 250 767 0.01 0.05 8.79 0.01 623 s953.scan.erg.cnf 951 1010 0.01 0.01 1.55 0.01 624 90-10-1.erg.cnf 302 289 0.00 0.00 20.97 0.00 625 90-14-1.erg.cnf 522 491 0.00 0.00 150.69 0.00 626 blasted_case10.cnf 328 381 0.00 0.01 4.60 0.00 627 blasted_case15.cnf 296 339 0.00 0.00 4.73 0.00	617	random.uf250-030.cnf	250	392	0.01	0.01	3.75	0.01
620 random.uf250-069.cnf 250 637 0.01 0.01 4.98 0.01 621 random.uf250-075.cnf 250 749 0.01 0.02 5.45 0.01 622 random.uf250-084.cnf 250 767 0.01 0.05 8.79 0.01 623 s953.scan.erg.cnf 951 1010 0.01 0.01 1.55 0.01 624 90-10-1.erg.cnf 302 289 0.00 0.00 20.97 0.00 625 90-14-1.erg.cnf 522 491 0.00 0.00 150.69 0.00 626 blasted_case10.cnf 328 381 0.00 0.01 4.60 0.00 627 blasted_case15.cnf 296 339 0.00 0.00 4.73 0.00	618	random.uf250-046.cnf	250	664	0.00	0.01	2.92	0.01
621 random.uf250-075.cnf 250 749 0.01 0.02 5.45 0.01 622 random.uf250-084.cnf 250 767 0.01 0.05 8.79 0.01 623 s953.scan.erg.cnf 951 1010 0.01 0.01 1.55 0.01 624 90-10-1.erg.cnf 302 289 0.00 0.00 20.97 0.00 625 90-14-1.erg.cnf 522 491 0.00 0.00 150.69 0.00 626 blasted_case10.cnf 328 381 0.00 0.01 4.60 0.00 627 blasted_case15.cnf 296 339 0.00 0.00 4.73 0.00	619	random.uf250-063.cnf	250	410	0.00	0.02	4.87	0.01
622 random.uf250-084.cnf 250 767 0.01 0.05 8.79 0.01 623 s953.scan.erg.cnf 951 1010 0.01 0.01 1.55 0.01 624 90-10-1.erg.cnf 302 289 0.00 0.00 20.97 0.00 625 90-14-1.erg.cnf 522 491 0.00 0.00 150.69 0.00 626 blasted_case10.cnf 328 381 0.00 0.01 4.60 0.00 627 blasted_case15.cnf 296 339 0.00 0.00 4.73 0.00	620	random.uf250-069.cnf	250	637	0.01	0.01	4.98	0.01
623 s953.scan.erg.cnf 951 1010 0.01 0.01 1.55 0.01 624 90-10-1.erg.cnf 302 289 0.00 0.00 20.97 0.00 625 90-14-1.erg.cnf 522 491 0.00 0.00 150.69 0.00 626 blasted_case10.cnf 328 381 0.00 0.01 4.60 0.00 627 blasted_case15.cnf 296 339 0.00 0.00 4.73 0.00	621	random.uf250-075.cnf	250	749	0.01	0.02	5.45	0.01
624 90-10-1.erg.cnf 302 289 0.00 0.00 20.97 0.00 625 90-14-1.erg.cnf 522 491 0.00 0.00 150.69 0.00 626 blasted_case10.cnf 328 381 0.00 0.01 4.60 0.00 627 blasted_case15.cnf 296 339 0.00 0.00 4.73 0.00	622	random.uf250-084.cnf	250	767	0.01	0.05		0.01
625 90-14-1.erg.cnf 522 491 0.00 0.00 150.69 0.00 626 blasted_case10.cnf 328 381 0.00 0.01 4.60 0.00 627 blasted_case15.cnf 296 339 0.00 0.00 4.73 0.00	l I	${ m s953.scan.erg.cnf}$	951	1010	0.01	0.01	1.55	0.01
626 blasted_case10.cnf 328 381 0.00 0.01 4.60 0.00 627 blasted_case15.cnf 296 339 0.00 0.00 4.73 0.00	l I				0.00	0.00	20.97	0.00
626 blasted_case10.cnf 328 381 0.00 0.01 4.60 0.00 627 blasted_case15.cnf 296 339 0.00 0.00 4.73 0.00	625	90-14-1.erg.cnf	522	491	0.00	0.00	150.69	0.00
		blasted_case10.cnf		381	0.00	0.01	4.60	0.00
628 blasted_case61.cnf 282 314 0.00 0.00 2.62 0.00		blasted_case15.cnf	296	339	0.00	0.00	4.73	0.00
	628	blasted_case61.cnf	282	314	0.00	0.00	2.62	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
629	bmc.bmc-ibm-2.cnf	2810	2831	0.01	0.01	4.35	0.00
630	BN_104.erg.cnf	257	297	0.00	0.00	347.73	0.00
631	BN_105.erg.cnf	257	297	0.00	0.00	298.36	0.00
632	BN_106.erg.cnf	692	336	0.00	0.00	1020.27	0.00
633	BN_107.erg.cnf	692	336	0.00	0.00	959.96	0.00
634	BN_112.erg.cnf	398	576	0.00	0.00	157.05	0.00
635	BN_113.erg.cnf	398	576	0.01	0.01	159.80	0.00
636	BN_42.erg.cnf	1884	1849	0.00	0.01	2.87	0.00
637	$\mathrm{BN}_43.\mathrm{erg.cnf}$	1988	1934	0.00	0.00	2.84	0.00
638	BN_44.erg.cnf	1916	1874	0.00	0.00	2.85	0.00
639	BN_45.erg.cnf	1943	1893	0.00	0.00	2.84	0.00
640	BN_46.erg.cnf	1066	1081	0.00	0.00	1.28	0.00
641	BN_53.erg.cnf	1194	1172	0.00	0.00	0.81	0.00
642	BN_54.erg.cnf	1225	1223	0.00	0.00	0.79	0.00
643	BN_55.erg.cnf	1199	1180	0.00	0.00	0.79	0.00
644	BN_56.erg.cnf	1174	1229	0.00	0.00	0.88	0.00
645	BN_57.erg.cnf	1169	1140	0.00	0.00	0.75	0.00
646	BN_59.erg.cnf	1134	1120	0.00	0.00	0.80	0.00
647	BN_60.erg.cnf	1140	1113	0.00	0.00	0.78	0.00
648	BN_64.erg.cnf	1127	1105	0.00	0.00	0.87	0.00
649	BN_65.erg.cnf	934	912	0.00	0.00	1.67	0.00
650	BN_66.erg.cnf	942	920	0.00	0.00	1.55	0.00
651	BN_67.erg.cnf	942	974	0.00	0.00	1.55	0.00
652	BN_68.erg.cnf	953	995	0.01	0.01	1.62	0.00
653	c432.isc.erg.cnf	927	905	0.00	0.00	1.04	0.00
654	c880.isc.erg.cnf	1824	1829	0.00	0.00	2.90	0.00
655	circuit.s400.bench.cnf	189	218	0.00	0.00	0.43	0.00
656	circuit.s420.1.bench.cnf	252	288	0.00	0.00	0.88	0.00
657	circuit.s444.bench.cnf	205	330	0.00	0.00	0.44	0.00
658	circuit.s510.bench.cnf	236	498	0.00	0.00	0.72	0.00
659	circuit.s526.bench.cnf	217	391	0.01	0.01	0.44	0.00
660	circuit.s641.bench.cnf	433	443	0.00	0.00	2.42	0.00
661	circuit.s713.bench.cnf	447	455	0.00	0.00	2.38	0.00
662	circuit.s832.bench.cnf	310	666	0.01	0.01	0.43	0.00
663	circuit.s838.1.bench.cnf	512	651	0.00	0.01	3.71	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
664	circuit.ssa7552-158.cnf	1363	1495	0.00	0.01	302.82	0.00
665	circuit.ssa7552-159.cnf	1363	1550	0.01	0.01	33.00	0.00
666	Configuration.C169_FV.cnf	1411	1401	0.00	0.00	3.21	0.00
667	Configuration.C169_FW.cnf	1411	1401	0.00	0.00	3.25	0.00
668	Configuration.C250_FV.cnf	1465	1471	0.00	0.00	ТО	0.00
669	Configuration.C250_FW.cnf	1465	1471	0.00	0.00	ТО	0.00
670	Configuration.D1119_M20.cnf	1400	1439	0.00	0.00	1.15	0.00
671	Configuration.D1119_M23.cnf	1414	1437	0.00	0.01	2.05	0.00
672	Handmade.ais6.cnf	61	392	0.00	0.00	0.05	0.00
673	Handmade.qg1-07.cnf	343	805	0.00	0.00	0.04	0.00
674	Handmade.qg2-07.cnf	343	1533	0.01	0.01	0.09	0.00
675	Handmade.qg5-11.cnf	1331	1333	0.00	0.00	0.04	0.00
676	Handmade.qg6-09.cnf	729	729	0.00	0.00	0.02	0.00
677	Handmade.qg7-09.cnf	729	729	0.00	0.00	0.01	0.00
678	log-1.cnf.uai.cnf	2366	2643	0.01	0.02	ТО	0.00
679	logistics.log-1.cnf	939	1216	0.00	0.01	ТО	0.00
680	Network.75-10-10-q.cnf	460	211	0.00	0.00	273.94	0.00
681	Network.75-10-1-q.cnf	460	200	0.00	0.00	277.33	0.00
682	Network.75-10-4-q.cnf	460	236	0.00	0.01	295.33	0.00
683	Network.90-10-10-q.cnf	460	132	0.00	0.00	238.39	0.00
684	Network.90-10-1-q.cnf	460	185	0.00	0.00	238.49	0.00
685	Network.90-10-3-q.cnf	460	150	0.00	0.00	248.24	0.00
686	Network.90-10-4-q.cnf	460	145	0.00	0.00	287.69	0.00
687	Network.90-10-5-q.cnf	460	144	0.00	0.00	287.74	0.00
688	Network.90-10-7-q.cnf	460	145	0.00	0.00	315.60	0.00
689	Network.90-10-9-q.cnf	460	164	0.00	0.00	273.95	0.00
690	Network.90-12-10-q.cnf	672	238	0.00	0.00	757.56	0.00
691	Network.90-12-1-q.cnf	672	223	0.00	0.01	593.58	0.00
692	Network.90-12-2-q.cnf	672	197	0.00	0.00	632.32	0.00
693	Network.90-12-3-q.cnf	672	252	0.00	0.00	732.82	0.00
694	Network.90-12-4-q.cnf	672	221	0.00	0.00	705.75	0.00
695	Network.90-12-5-q.cnf	672	182	0.00	0.00	637.38	0.00
696	Network.90-12-6-q.cnf	672	237	0.00	0.00	691.81	0.00
697	Network.90-12-8-q.cnf	672	286	0.01	0.01	734.32	0.00
698	Network.90-14-1-q.cnf	924	294	0.00	0.00	ТО	0.00

699 700	Network.90-14-2-q.cnf Network.90-14-3-q.cnf	924	291				
	Network.90-14-3-q.cnf		291	0.00	0.00	ТО	0.00
		924	269	0.00	0.00	ТО	0.00
701	Network.90-14-6-q.cnf	924	304	0.00	0.01	ТО	0.00
702	Network.90-14-7-q.cnf	924	321	0.01	0.01	ТО	0.00
703	Network.90-14-8-q.cnf	924	294	0.00	0.01	ТО	0.00
704	Network.90-14-9-q.cnf	924	290	0.00	0.00	ТО	0.00
705	Network.90-15-10-q.cnf	1065	372	0.00	0.01	ТО	0.00
706	Network.90-15-1-q.cnf	1065	324	0.00	0.01	ТО	0.00
707	Network.90-15-4-q.cnf	1065	313	0.00	0.01	ТО	0.00
708	Network.90-15-5-q.cnf	1065	341	0.00	0.01	ТО	0.00
709	Network.90-15-6-q.cnf	1065	372	0.01	0.01	ТО	0.00
710	Network.90-15-7-q.cnf	1065	337	0.00	0.01	ТО	0.00
711	Network.90-15-8-q.cnf	1065	365	0.00	0.01	ТО	0.00
712	Network.90-16-10-q.cnf	1216	386	0.00	0.00	ТО	0.00
713	Network.90-16-2-q.cnf	1216	359	0.00	0.00	ТО	0.00
714	Network.90-16-3-q.cnf	1216	379	0.00	0.00	ТО	0.00
715	Network.90-16-4-q.cnf	1216	448	0.00	0.01	ТО	0.00
716	Network.90-16-5-q.cnf	1216	380	0.00	0.01	ТО	0.00
717	Network.90-16-6-q.cnf	1216	441	0.01	0.01	ТО	0.00
718	Network.90-16-7-q.cnf	1216	419	0.00	0.01	ТО	0.00
719	Network.90-17-10-q.cnf	1377	388	0.00	0.01	ТО	0.00
720	Network.90-17-1-q.cnf	1377	404	0.00	0.01	ТО	0.00
721	Network.90-17-5-q.cnf	1377	422	0.00	0.00	ТО	0.00
722	Network.90-17-8-q.cnf	1377	450	0.00	0.01	ТО	0.00
723	Network.90-17-9-q.cnf	1377	498	0.00	0.01	ТО	0.00
724	Network.90-18-2-q.cnf	1548	504	0.00	0.01	ТО	0.00
725	Network.90-18-4-q.cnf	1548	464	0.00	0.01	ТО	0.00
726	Network.90-18-9-q.cnf	1548	454	0.00	0.00	ТО	0.00
727	Network.90-19-4-q.cnf	1729	474	0.00	0.00	ТО	0.00
728	Network. 90-20-1-q.cnf	1920	580	0.00	0.01	ТО	0.00
729	Network. 90-20-4-q.cnf	1920	596	0.00	0.02	ТО	0.00
730	Network. 90-20-6-q.cnf	1920	566	0.00	0.00	ТО	0.00
731	Network.90-23-4-q.cnf	2553	669	0.00	0.01	ТО	0.00
732	Network.90-24-2-q.cnf	2784	822	0.00	0.01	ТО	0.00
733	Network.90-24-8-q.cnf	2784	798	0.00	0.01	ТО	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
734	Network.blockmap_05_01.net.cnf	1411	1457	0.00	0.00	0.12	0.00
735	Network.blockmap_05_02.net.cnf	1738	1864	0.00	0.01	0.76	0.00
736	Network.fs-01.net.cnf	32	31	0.00	0.00	0.07	0.00
737	Network.or-100-10-10-UC-10.cnf	200	122	0.00	0.00	6.13	0.00
738	Network.or-100-10-10-UC-20.cnf	200	152	0.00	0.00	2.23	0.00
739	Network.or-100-10-10-UC-30.cnf	200	163	0.00	0.00	1.68	0.00
740	Network.or-100-10-10-UC-40.cnf	200	167	0.00	0.00	0.82	0.00
741	Network.or-100-10-10-UC-50.cnf	200	179	0.00	0.00	0.50	0.00
742	Network.or-100-10-10-UC-60.cnf	200	182	0.00	0.00	0.30	0.00
743	Network.or-100-10-1-UC-10.cnf	200	126	0.00	0.00	4.53	0.00
744	Network.or-100-10-1-UC-20.cnf	200	155	0.00	0.00	1.83	0.00
745	Network.or-100-10-1-UC-30.cnf	200	164	0.00	0.00	1.14	0.00
746	Network.or-100-10-1-UC-60.cnf	200	187	0.00	0.00	0.13	0.00
747	Network.or-100-10-2-UC-10.cnf	200	120	0.00	0.00	5.95	0.00
748	Network.or-100-10-2-UC-20.cnf	200	145	0.00	0.00	2.91	0.00
749	Network.or-100-10-2-UC-30.cnf	200	155	0.00	0.00	2.03	0.00
750	Network.or-100-10-2-UC-40.cnf	200	164	0.00	0.00	0.96	0.00
751	Network.or-100-10-2-UC-50.cnf	200	174	0.00	0.00	0.59	0.00
752	Network.or-100-10-2-UC-60.cnf	200	183	0.00	0.00	0.21	0.00
753	Network.or-100-10-3-UC-10.cnf	200	123	0.00	0.00	5.04	0.00
754	Network.or-100-10-3-UC-20.cnf	200	142	0.00	0.00	3.43	0.00
755	Network.or-100-10-3-UC-30.cnf	200	160	0.00	0.00	2.00	0.00
756	Network.or-100-10-3-UC-40.cnf	200	171	0.00	0.00	0.73	0.00
757	Network.or-100-10-3-UC-50.cnf	200	179	0.00	0.00	0.40	0.00
758	Network.or-100-10-3-UC-60.cnf	200	184	0.00	0.00	0.22	0.00
759	Network.or-100-10-4-UC-10.cnf	200	123	0.00	0.00	4.66	0.00
760	Network.or-100-10-4-UC-20.cnf	200	144	0.00	0.00	2.38	0.00
761	Network.or-100-10-4-UC-30.cnf	200	158	0.00	0.00	1.51	0.00
762	Network.or-100-10-4-UC-40.cnf	200	172	0.00	0.00	0.86	0.00
763	Network.or-100-10-4-UC-50.cnf	200	185	0.00	0.00	0.20	0.00
764	Network.or-100-10-4-UC-60.cnf	200	192	0.00	0.00	0.05	0.00
765	Network.or-100-10-5-UC-10.cnf	200	120	0.00	0.00	5.47	0.00
766	Network.or-100-10-5-UC-20.cnf	200	142	0.00	0.00	3.25	0.00
767	Network.or-100-10-5-UC-30.cnf	200	155	0.00	0.00	1.98	0.00
768	Network.or-100-10-5-UC-40.cnf	200	164	0.00	0.00	1.62	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
769	Network.or-100-10-5-UC-50.cnf	200	170	0.00	0.00	1.05	0.00
770	Network.or-100-10-5-UC-60.cnf	200	183	0.00	0.00	0.20	0.00
771	Network.or-100-10-6-UC-20.cnf	200	143	0.00	0.00	3.00	0.00
772	Network.or-100-10-6-UC-30.cnf	200	160	0.00	0.00	1.77	0.00
773	Network.or-100-10-6-UC-40.cnf	200	171	0.00	0.00	0.80	0.00
774	Network.or-100-10-6-UC-50.cnf	200	178	0.00	0.00	0.42	0.00
775	Network.or-100-10-6-UC-60.cnf	200	184	0.00	0.00	0.22	0.00
776	Network.or-100-10-7-UC-10.cnf	200	123	0.00	0.00	5.46	0.00
777	Network.or-100-10-7-UC-20.cnf	200	141	0.00	0.00	3.63	0.00
778	Network.or-100-10-7-UC-30.cnf	200	154	0.00	0.00	2.06	0.00
779	Network.or-100-10-7-UC-40.cnf	200	166	0.00	0.00	1.38	0.00
780	Network.or-100-10-7-UC-50.cnf	200	175	0.00	0.00	0.65	0.00
781	Network.or-100-10-7-UC-60.cnf	200	183	0.00	0.00	0.42	0.00
782	Network.or-100-10-8-UC-10.cnf	200	126	0.00	0.00	4.60	0.00
783	Network.or-100-10-8-UC-20.cnf	200	147	0.00	0.00	2.59	0.00
784	Network.or-100-10-8-UC-30.cnf	200	155	0.00	0.00	2.12	0.00
785	Network.or-100-10-8-UC-40.cnf	200	169	0.00	0.00	1.16	0.00
786	Network.or-100-10-8-UC-50.cnf	200	175	0.00	0.00	0.78	0.00
787	Network.or-100-10-8-UC-60.cnf	200	183	0.00	0.00	0.44	0.00
788	Network.or-100-10-9-UC-10.cnf	200	116	0.00	0.00	7.11	0.00
789	Network.or-100-10-9-UC-20.cnf	200	141	0.00	0.00	3.91	0.00
790	Network.or-100-10-9-UC-30.cnf	200	155	0.00	0.00	2.51	0.00
791	Network.or-100-10-9-UC-40.cnf	200	168	0.00	0.00	1.67	0.00
792	Network.or-100-10-9-UC-50.cnf	200	182	0.00	0.00	0.97	0.00
793	Network.or-100-10-9-UC-60.cnf	200	177	0.00	0.00	0.86	0.00
794	Network.or-100-20-10-UC-10.cnf	200	121	0.00	0.00	6.08	0.00
795	Network.or-100-20-10-UC-20.cnf	200	141	0.00	0.00	4.08	0.00
796	Network.or-100-20-10-UC-30.cnf	200	152	0.00	0.00	2.91	0.00
797	Network.or-100-20-10-UC-40.cnf	200	160	0.00	0.00	2.82	0.00
798	Network.or-100-20-10-UC-50.cnf	200	168	0.00	0.00	1.80	0.00
799	Network.or-100-20-10-UC-60.cnf	200	180	0.00	0.00	1.10	0.00
800	Network.or-100-20-1-UC-10.cnf	200	120	0.00	0.00	7.12	0.00
801	Network.or-100-20-1-UC-20.cnf	200	131	0.00	0.00	5.13	0.00
802	Network.or-100-20-1-UC-30.cnf	200	138	0.00	0.00	5.25	0.00
803	Network.or-100-20-1-UC-40.cnf	200	164	0.00	0.00	1.81	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
804	Network.or-100-20-1-UC-50.cnf	200	172	0.00	0.00	1.21	0.00
805	Network.or-100-20-1-UC-60.cnf	200	177	0.00	0.00	1.11	0.00
806	Network.or-100-20-2-UC-10.cnf	200	127	0.00	0.00	4.41	0.00
807	Network.or-100-20-2-UC-20.cnf	200	141	0.00	0.00	4.37	0.00
808	Network.or-100-20-2-UC-30.cnf	200	153	0.00	0.00	3.53	0.00
809	Network.or-100-20-2-UC-40.cnf	200	168	0.00	0.00	2.06	0.00
810	Network.or-100-20-2-UC-50.cnf	200	153	0.00	0.00	4.12	0.00
811	Network.or-100-20-2-UC-60.cnf	200	161	0.00	0.00	3.77	0.00
812	Network.or-100-20-3-UC-10.cnf	200	110	0.00	0.00	7.93	0.00
813	Network.or-100-20-3-UC-20.cnf	200	123	0.00	0.00	6.24	0.00
814	Network.or-100-20-3-UC-30.cnf	200	147	0.00	0.00	4.02	0.00
815	Network.or-100-20-3-UC-40.cnf	200	158	0.00	0.00	2.84	0.00
816	Network.or-100-20-3-UC-50.cnf	200	175	0.00	0.00	0.76	0.00
817	Network.or-100-20-3-UC-60.cnf	200	184	0.00	0.00	0.30	0.00
818	Network.or-100-20-4-UC-10.cnf	200	127	0.00	0.00	5.27	0.00
819	Network.or-100-20-4-UC-20.cnf	200	144	0.00	0.00	3.80	0.00
820	Network.or-100-20-4-UC-30.cnf	200	146	0.00	0.00	3.97	0.00
821	Network.or-100-20-4-UC-40.cnf	200	160	0.00	0.00	2.12	0.00
822	Network.or-100-20-4-UC-50.cnf	200	168	0.00	0.00	1.68	0.00
823	Network.or-100-20-4-UC-60.cnf	200	176	0.00	0.00	1.53	0.00
824	Network.or-100-20-5-UC-10.cnf	200	123	0.00	0.00	5.17	0.00
825	Network.or-100-20-5-UC-20.cnf	200	139	0.00	0.00	3.98	0.00
826	Network.or-100-20-5-UC-30.cnf	200	147	0.00	0.00	3.56	0.00
827	Network.or-100-20-5-UC-40.cnf	200	157	0.00	0.00	2.04	0.00
828	Network.or-100-20-5-UC-50.cnf	200	168	0.00	0.00	1.29	0.00
829	Network.or-100-20-5-UC-60.cnf	200	178	0.00	0.00	0.57	0.00
830	Network.or-100-20-6-UC-10.cnf	200	118	0.00	0.00	6.17	0.00
831	Network.or-100-20-6-UC-20.cnf	200	137	0.00	0.00	4.26	0.00
832	Network.or-100-20-6-UC-30.cnf	200	158	0.00	0.00	2.44	0.00
833	Network.or-100-20-6-UC-40.cnf	200	164	0.00	0.00	2.01	0.00
834	Network.or-100-20-6-UC-50.cnf	200	170	0.00	0.00	1.67	0.00
835	Network.or-100-20-6-UC-60.cnf	200	177	0.00	0.00	0.45	0.00
836	Network.or-100-20-7-UC-10.cnf	200	128	0.00	0.00	4.86	0.00
837	Network.or-100-20-7-UC-20.cnf	200	144	0.00	0.00	4.22	0.00
838	Network.or-100-20-7-UC-30.cnf	200	153	0.00	0.00	2.79	0.00

S849 Network.or-100-20-7-UC-40.cnf 200 160 0.00 0.00 2.67 0.00	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
841 Network.or-100-20-7-UC-60.cnf 200 177 0.00 0.00 1.22 0.00 842 Network.or-100-20-8-UC-10.cnf 200 121 0.00 0.00 6.32 0.00 843 Network.or-100-20-8-UC-30.cnf 200 145 0.00 0.00 3.66 0.00 844 Network.or-100-20-8-UC-30.cnf 200 154 0.00 0.00 3.22 0.00 845 Network.or-100-20-8-UC-40.cnf 200 165 0.00 0.00 2.30 0.00 846 Network.or-100-20-8-UC-60.cnf 200 168 0.00 0.00 1.61 0.00 847 Network.or-100-20-9-UC-10.cnf 200 178 0.00 0.00 1.32 0.00 848 Network.or-100-20-9-UC-30.cnf 200 140 0.00 0.00 6.39 0.00 850 Network.or-100-20-9-UC-30.cnf 200 154 0.00 0.00 4.30 0.00 851 Network.or-100-20-9-UC-30.cnf 20	839			1				
842 Network.or-100-20-8-UC-10.cnf 200 121 0.00 0.00 6.32 0.00	840							
843 Network.or-100-20-8-UC-20.cnf 200 145 0.00 0.00 3.66 0.00 844 Network.or-100-20-8-UC-30.cnf 200 154 0.00 0.00 3.22 0.00 845 Network.or-100-20-8-UC-50.cnf 200 165 0.00 0.00 2.30 0.00 847 Network.or-100-20-8-UC-50.cnf 200 178 0.00 0.00 1.32 0.00 848 Network.or-100-20-9-UC-10.cnf 200 121 0.00 0.00 6.39 0.00 850 Network.or-100-20-9-UC-20.cnf 200 140 0.00 0.00 4.30 0.00 851 Network.or-100-20-9-UC-30.cnf 200 154 0.00 0.00 2.93 0.00 852 Network.or-100-20-9-UC-40.cnf 200 184 0.00 0.00 1.01 0.00 853 Network.or-100-5-1-UC-20.cnf 200 184 0.00 0.00 0.44 0.00 854 Network.or-100-5-1-UC-30.cnf 200<		Network.or-100-20-7-UC-60.cnf	200			0.00		0.00
844 Network.or-100-20-8-UC-30.cnf 200 154 0.00 0.00 3.22 0.00 845 Network.or-100-20-8-UC-40.cnf 200 165 0.00 0.00 2.30 0.00 846 Network.or-100-20-8-UC-50.cnf 200 168 0.00 0.00 1.61 0.00 847 Network.or-100-20-8-UC-60.cnf 200 178 0.00 0.00 1.32 0.00 848 Network.or-100-20-9-UC-20.cnf 200 121 0.00 0.00 4.30 0.00 850 Network.or-100-20-9-UC-30.cnf 200 154 0.00 0.00 4.30 0.00 851 Network.or-100-20-9-UC-40.cnf 200 178 0.00 0.00 2.93 0.00 852 Network.or-100-20-9-UC-50.cnf 200 184 0.00 0.00 0.46 0.00 853 Network.or-100-20-9-UC-60.cnf 200 183 0.00 0.04 4 0.00 854 Network.or-100-20-1UC-20.cnf 200 <td>842</td> <td>Network.or-100-20-8-UC-10.cnf</td> <td>200</td> <td>121</td> <td>0.00</td> <td>0.00</td> <td>6.32</td> <td>0.00</td>	842	Network.or-100-20-8-UC-10.cnf	200	121	0.00	0.00	6.32	0.00
S45	843	Network.or-100-20-8-UC-20.cnf	200	145	0.00	0.00	3.66	0.00
846 Network.or-100-20-8-UC-50.cnf 200 168 0.00 0.00 1.61 0.00 847 Network.or-100-20-8-UC-60.cnf 200 178 0.00 0.00 1.32 0.00 848 Network.or-100-20-9-UC-20.cnf 200 121 0.00 0.00 6.39 0.00 849 Network.or-100-20-9-UC-20.cnf 200 140 0.00 0.00 4.30 0.00 850 Network.or-100-20-9-UC-30.cnf 200 154 0.00 0.00 2.93 0.00 851 Network.or-100-20-9-UC-60.cnf 200 184 0.00 0.00 1.01 0.00 852 Network.or-100-20-9-UC-60.cnf 200 184 0.00 0.00 0.46 0.00 853 Network.or-100-20-9-UC-60.cnf 200 183 0.00 0.00 0.44 0.00 854 Network.or-100-5-1-UC-20.cnf 200 148 0.00 0.00 2.20 0.00 855 Network.or-100-5-1-UC-30.cnf 200<		Network.or-100-20-8-UC-30.cnf	200			0.00	3.22	0.00
847 Network.or-100-20-8-UC-60.cnf 200 178 0.00 0.00 1.32 0.00 848 Network.or-100-20-9-UC-10.cnf 200 121 0.00 0.00 6.39 0.00 849 Network.or-100-20-9-UC-20.cnf 200 140 0.00 0.00 4.30 0.00 850 Network.or-100-20-9-UC-30.cnf 200 154 0.00 0.00 2.93 0.00 851 Network.or-100-20-9-UC-40.cnf 200 178 0.00 0.00 1.01 0.00 852 Network.or-100-20-9-UC-50.cnf 200 184 0.00 0.00 0.46 0.00 853 Network.or-100-5-1-UC-20.cnf 200 148 0.00 0.00 0.44 0.00 854 Network.or-100-5-1-UC-20.cnf 200 148 0.00 0.00 0.44 0.00 855 Network.or-100-5-1-UC-20.cnf 200 158 0.00 0.00 1.66 0.00 857 Network.or-100-5-1-UC-30.cnf 200 <td>845</td> <td>Network.or-100-20-8-UC-40.cnf</td> <td>200</td> <td>165</td> <td>0.00</td> <td>0.00</td> <td>2.30</td> <td>0.00</td>	845	Network.or-100-20-8-UC-40.cnf	200	165	0.00	0.00	2.30	0.00
848 Network.or-100-20-9-UC-10.enf 200 121 0.00 0.00 6.39 0.00 849 Network.or-100-20-9-UC-20.enf 200 140 0.00 0.00 4.30 0.00 850 Network.or-100-20-9-UC-30.enf 200 178 0.00 0.00 2.93 0.00 851 Network.or-100-20-9-UC-40.enf 200 178 0.00 0.00 1.01 0.00 852 Network.or-100-20-9-UC-50.enf 200 184 0.00 0.00 0.46 0.00 853 Network.or-100-5-1-UC-20.enf 200 183 0.00 0.00 0.44 0.00 854 Network.or-100-5-1-UC-20.enf 200 134 0.00 0.00 2.20 0.00 855 Network.or-100-5-1-UC-20.enf 200 134 0.00 0.00 3.56 0.00 856 Network.or-100-5-1-UC-20.enf 200 158 0.00 0.00 1.66 0.00 857 Network.or-100-5-1-UC-30.enf 200 <td>846</td> <td>Network.or-100-20-8-UC-50.cnf</td> <td>200</td> <td>168</td> <td>0.00</td> <td>0.00</td> <td>1.61</td> <td>0.00</td>	846	Network.or-100-20-8-UC-50.cnf	200	168	0.00	0.00	1.61	0.00
849 Network.or-100-20-9-UC-20.cnf 200 140 0.00 0.00 4.30 0.00 850 Network.or-100-20-9-UC-30.cnf 200 154 0.00 0.00 2.93 0.00 851 Network.or-100-20-9-UC-40.cnf 200 178 0.00 0.00 1.01 0.00 852 Network.or-100-20-9-UC-50.cnf 200 184 0.00 0.00 0.46 0.00 853 Network.or-100-20-9-UC-60.cnf 200 183 0.00 0.00 0.44 0.00 854 Network.or-100-5-1-UC-20.cnf 200 148 0.00 0.00 2.20 0.00 855 Network.or-100-5-1-UC-30.cnf 200 134 0.00 0.00 3.56 0.00 856 Network.or-100-5-1-UC-30.cnf 200 158 0.00 0.00 1.66 0.00 857 Network.or-100-5-2-UC-30.cnf 200 174 0.00 0.01 0.52 0.00 858 Network.or-100-5-2-UC-30.cnf 200 <td>847</td> <td>Network.or-100-20-8-UC-60.cnf</td> <td>200</td> <td>178</td> <td>0.00</td> <td>0.00</td> <td>1.32</td> <td>0.00</td>	847	Network.or-100-20-8-UC-60.cnf	200	178	0.00	0.00	1.32	0.00
850 Network.or-100-20-9-UC-30.cnf 200 154 0.00 0.00 2.93 0.00 851 Network.or-100-20-9-UC-40.cnf 200 178 0.00 0.00 1.01 0.00 852 Network.or-100-20-9-UC-50.cnf 200 184 0.00 0.00 0.46 0.00 853 Network.or-100-5-1-UC-20.cnf 200 183 0.00 0.00 0.44 0.00 854 Network.or-100-5-1-UC-20.cnf 200 148 0.00 0.00 0.44 0.00 855 Network.or-100-5-1-UC-20.cnf 200 134 0.00 0.00 3.56 0.00 856 Network.or-100-5-1-UC-20.cnf 200 158 0.00 0.00 1.66 0.00 857 Network.or-100-5-2-UC-20.cnf 200 174 0.00 0.01 0.52 0.00 858 Network.or-100-5-2-UC-30.cnf 200 144 0.00 0.00 4.65 0.00 859 Network.or-100-5-2-UC-30.cnf 200	848	Network.or-100-20-9-UC-10.cnf	200	121	0.00	0.00	6.39	0.00
851 Network.or-100-20-9-UC-40.cnf 200 178 0.00 0.00 1.01 0.00 852 Network.or-100-20-9-UC-50.cnf 200 184 0.00 0.00 0.46 0.00 853 Network.or-100-20-9-UC-60.cnf 200 183 0.00 0.00 0.44 0.00 854 Network.or-100-5-1-UC-10.cnf 200 148 0.00 0.00 2.20 0.00 855 Network.or-100-5-1-UC-10.cnf 200 134 0.00 0.00 3.56 0.00 856 Network.or-100-5-1-UC-20.cnf 200 158 0.00 0.00 1.66 0.00 857 Network.or-100-5-2-UC-30.cnf 200 174 0.00 0.01 0.52 0.00 858 Network.or-100-5-2-UC-10.cnf 200 124 0.00 0.00 4.65 0.00 859 Network.or-100-5-2-UC-30.cnf 200 144 0.00 0.00 2.84 0.00 860 Network.or-100-5-2-UC-40.cnf 200	849	Network.or-100-20-9-UC-20.cnf	200	140	0.00	0.00	4.30	0.00
852 Network.or-100-20-9-UC-50.cnf 200 184 0.00 0.00 0.46 0.00 853 Network.or-100-20-9-UC-60.cnf 200 183 0.00 0.00 0.44 0.00 854 Network.or-100-5-1-UC-10.cnf 200 148 0.00 0.00 2.20 0.00 855 Network.or-100-5-1-UC-10.cnf 200 134 0.00 0.00 3.56 0.00 856 Network.or-100-5-1-UC-30.cnf 200 158 0.00 0.00 1.66 0.00 857 Network.or-100-5-1-UC-30.cnf 200 174 0.00 0.01 0.52 0.00 858 Network.or-100-5-2-UC-10.cnf 200 124 0.00 0.00 4.65 0.00 859 Network.or-100-5-2-UC-30.cnf 200 144 0.00 0.00 2.84 0.00 860 Network.or-100-5-2-UC-30.cnf 200 155 0.00 0.00 1.91 0.00 861 Network.or-100-5-2-UC-40.cnf 200	850	Network.or-100-20-9-UC-30.cnf	200	154	0.00	0.00	2.93	0.00
853 Network.or-100-20-9-UC-60.cnf 200 183 0.00 0.00 0.44 0.00 854 Network.or-100-5-10-UC-20.cnf 200 148 0.00 0.00 2.20 0.00 855 Network.or-100-5-1-UC-10.cnf 200 134 0.00 0.00 3.56 0.00 856 Network.or-100-5-1-UC-20.cnf 200 158 0.00 0.00 1.66 0.00 857 Network.or-100-5-1-UC-30.cnf 200 174 0.00 0.01 0.52 0.00 858 Network.or-100-5-2-UC-10.cnf 200 124 0.00 0.00 4.65 0.00 859 Network.or-100-5-2-UC-20.cnf 200 144 0.00 0.00 2.84 0.00 860 Network.or-100-5-2-UC-30.cnf 200 155 0.00 0.00 1.91 0.00 861 Network.or-100-5-2-UC-40.cnf 200 176 0.00 0.00 0.94 0.00 862 Network.or-100-5-2-UC-50.cnf 200	851	Network.or-100-20-9-UC-40.cnf	200	178	0.00	0.00	1.01	0.00
854 Network.or-100-5-10-UC-20.cnf 200 148 0.00 0.00 2.20 0.00 855 Network.or-100-5-1-UC-10.cnf 200 134 0.00 0.00 3.56 0.00 856 Network.or-100-5-1-UC-20.cnf 200 158 0.00 0.00 1.66 0.00 857 Network.or-100-5-1-UC-30.cnf 200 174 0.00 0.01 0.52 0.00 858 Network.or-100-5-2-UC-10.cnf 200 124 0.00 0.00 4.65 0.00 859 Network.or-100-5-2-UC-20.cnf 200 144 0.00 0.00 2.84 0.00 860 Network.or-100-5-2-UC-30.cnf 200 155 0.00 0.00 1.91 0.00 861 Network.or-100-5-2-UC-40.cnf 200 176 0.00 0.00 0.94 0.00 862 Network.or-100-5-2-UC-50.cnf 200 176 0.00 0.00 0.57 0.00 863 Network.or-100-5-3-UC-40.cnf 200		Network.or-100-20-9-UC-50.cnf	200	184	0.00	0.00	0.46	0.00
855 Network.or-100-5-1-UC-10.cnf 200 134 0.00 0.00 3.56 0.00 856 Network.or-100-5-1-UC-20.cnf 200 158 0.00 0.00 1.66 0.00 857 Network.or-100-5-1-UC-30.cnf 200 174 0.00 0.01 0.52 0.00 858 Network.or-100-5-2-UC-10.cnf 200 124 0.00 0.00 4.65 0.00 859 Network.or-100-5-2-UC-20.cnf 200 144 0.00 0.00 2.84 0.00 860 Network.or-100-5-2-UC-30.cnf 200 155 0.00 0.00 1.91 0.00 861 Network.or-100-5-2-UC-40.cnf 200 176 0.00 0.00 0.94 0.00 862 Network.or-100-5-2-UC-50.cnf 200 183 0.00 0.00 0.27 0.00 863 Network.or-100-5-3-UC-40.cnf 200 164 0.00 0.00 0.27 0.00 864 Network.or-100-5-4-UC-10.cnf 200	853	Network.or-100-20-9-UC-60.cnf	200	183	0.00	0.00	0.44	0.00
856 Network.or-100-5-1-UC-20.cnf 200 158 0.00 0.00 1.66 0.00 857 Network.or-100-5-1-UC-30.cnf 200 174 0.00 0.01 0.52 0.00 858 Network.or-100-5-2-UC-10.cnf 200 124 0.00 0.00 4.65 0.00 859 Network.or-100-5-2-UC-20.cnf 200 144 0.00 0.00 2.84 0.00 860 Network.or-100-5-2-UC-30.cnf 200 155 0.00 0.00 1.91 0.00 861 Network.or-100-5-2-UC-40.cnf 200 176 0.00 0.00 0.94 0.00 862 Network.or-100-5-2-UC-60.cnf 200 183 0.00 0.00 0.27 0.00 863 Network.or-100-5-3-UC-40.cnf 200 183 0.00 0.00 0.27 0.00 864 Network.or-100-5-3-UC-40.cnf 200 164 0.00 0.00 1.06 0.00 865 Network.or-100-5-4-UC-10.cnf 200	854	Network.or-100-5-10-UC-20.cnf	200	148	0.00	0.00	2.20	0.00
857 Network.or-100-5-1-UC-30.cnf 200 174 0.00 0.01 0.52 0.00 858 Network.or-100-5-2-UC-10.cnf 200 124 0.00 0.00 4.65 0.00 859 Network.or-100-5-2-UC-20.cnf 200 144 0.00 0.00 2.84 0.00 860 Network.or-100-5-2-UC-30.cnf 200 155 0.00 0.00 1.91 0.00 861 Network.or-100-5-2-UC-40.cnf 200 176 0.00 0.00 0.94 0.00 862 Network.or-100-5-2-UC-50.cnf 200 176 0.00 0.00 0.57 0.00 863 Network.or-100-5-2-UC-60.cnf 200 183 0.00 0.00 0.27 0.00 864 Network.or-100-5-3-UC-40.cnf 200 164 0.00 0.00 1.06 0.00 865 Network.or-100-5-4-UC-20.cnf 200 137 0.00 0.00 3.71 0.00 866 Network.or-100-5-4-UC-30.cnf 200	855	Network.or-100-5-1-UC-10.cnf	200	134	0.00	0.00	3.56	0.00
858 Network.or-100-5-2-UC-10.cnf 200 124 0.00 0.00 4.65 0.00 859 Network.or-100-5-2-UC-20.cnf 200 144 0.00 0.00 2.84 0.00 860 Network.or-100-5-2-UC-30.cnf 200 155 0.00 0.00 1.91 0.00 861 Network.or-100-5-2-UC-40.cnf 200 176 0.00 0.00 0.94 0.00 862 Network.or-100-5-2-UC-60.cnf 200 176 0.00 0.00 0.57 0.00 863 Network.or-100-5-2-UC-60.cnf 200 183 0.00 0.00 0.27 0.00 864 Network.or-100-5-3-UC-40.cnf 200 164 0.00 0.00 1.06 0.00 865 Network.or-100-5-4-UC-10.cnf 200 137 0.00 0.00 3.71 0.00 866 Network.or-100-5-4-UC-30.cnf 200 169 0.00 0.00 3.71 0.00 868 Network.or-100-5-4-UC-40.cnf 200	856	Network.or-100-5-1-UC-20.cnf	200	158	0.00	0.00	1.66	0.00
859 Network.or-100-5-2-UC-20.cnf 200 144 0.00 0.00 2.84 0.00 860 Network.or-100-5-2-UC-30.cnf 200 155 0.00 0.00 1.91 0.00 861 Network.or-100-5-2-UC-40.cnf 200 170 0.00 0.00 0.94 0.00 862 Network.or-100-5-2-UC-50.cnf 200 176 0.00 0.00 0.57 0.00 863 Network.or-100-5-2-UC-60.cnf 200 183 0.00 0.00 0.27 0.00 864 Network.or-100-5-3-UC-40.cnf 200 164 0.00 0.00 1.06 0.00 865 Network.or-100-5-4-UC-10.cnf 200 125 0.00 0.00 4.46 0.00 866 Network.or-100-5-4-UC-20.cnf 200 137 0.00 0.00 3.71 0.00 867 Network.or-100-5-4-UC-30.cnf 200 169 0.00 0.00 0.71 0.00 868 Network.or-100-5-4-UC-40.cnf 200	857	Network.or-100-5-1-UC-30.cnf	200	174	0.00	0.01	0.52	0.00
860 Network.or-100-5-2-UC-30.cnf 200 155 0.00 0.00 1.91 0.00 861 Network.or-100-5-2-UC-40.cnf 200 170 0.00 0.00 0.94 0.00 862 Network.or-100-5-2-UC-50.cnf 200 176 0.00 0.00 0.57 0.00 863 Network.or-100-5-2-UC-60.cnf 200 183 0.00 0.00 0.27 0.00 864 Network.or-100-5-3-UC-40.cnf 200 164 0.00 0.00 1.06 0.00 865 Network.or-100-5-4-UC-10.cnf 200 125 0.00 0.00 4.46 0.00 866 Network.or-100-5-4-UC-20.cnf 200 137 0.00 0.00 3.71 0.00 867 Network.or-100-5-4-UC-30.cnf 200 169 0.00 0.00 1.39 0.00 868 Network.or-100-5-4-UC-40.cnf 200 177 0.00 0.00 0.71 0.00 870 Network.or-100-5-4-UC-50.cnf 200	858	Network.or-100-5-2-UC-10.cnf	200	124	0.00	0.00	4.65	0.00
861 Network.or-100-5-2-UC-40.cnf 200 170 0.00 0.00 0.94 0.00 862 Network.or-100-5-2-UC-50.cnf 200 176 0.00 0.00 0.57 0.00 863 Network.or-100-5-2-UC-60.cnf 200 183 0.00 0.00 0.27 0.00 864 Network.or-100-5-3-UC-40.cnf 200 164 0.00 0.00 1.06 0.00 865 Network.or-100-5-4-UC-10.cnf 200 125 0.00 0.00 4.46 0.00 866 Network.or-100-5-4-UC-20.cnf 200 137 0.00 0.00 3.71 0.00 867 Network.or-100-5-4-UC-30.cnf 200 169 0.00 0.00 1.39 0.00 868 Network.or-100-5-4-UC-40.cnf 200 177 0.00 0.00 0.71 0.00 869 Network.or-100-5-4-UC-50.cnf 200 188 0.00 0.00 0.16 0.00 870 Network.or-100-5-4-UC-60.cnf 200	859	Network.or-100-5-2-UC-20.cnf	200	144	0.00	0.00	2.84	0.00
862 Network.or-100-5-2-UC-50.cnf 200 176 0.00 0.00 0.57 0.00 863 Network.or-100-5-2-UC-60.cnf 200 183 0.00 0.00 0.27 0.00 864 Network.or-100-5-3-UC-40.cnf 200 164 0.00 0.00 1.06 0.00 865 Network.or-100-5-4-UC-10.cnf 200 125 0.00 0.00 4.46 0.00 866 Network.or-100-5-4-UC-20.cnf 200 137 0.00 0.00 3.71 0.00 867 Network.or-100-5-4-UC-30.cnf 200 169 0.00 0.00 1.39 0.00 868 Network.or-100-5-4-UC-40.cnf 200 177 0.00 0.00 0.71 0.00 869 Network.or-100-5-4-UC-50.cnf 200 188 0.00 0.00 0.16 0.00 870 Network.or-100-5-4-UC-60.cnf 200 118 0.00 0.00 6.27 0.00 871 Network.or-100-5-5-UC-10.cnf 200	860	Network.or-100-5-2-UC-30.cnf	200	155	0.00	0.00	1.91	0.00
863 Network.or-100-5-2-UC-60.cnf 200 183 0.00 0.00 0.27 0.00 864 Network.or-100-5-3-UC-40.cnf 200 164 0.00 0.00 1.06 0.00 865 Network.or-100-5-4-UC-10.cnf 200 125 0.00 0.00 4.46 0.00 866 Network.or-100-5-4-UC-20.cnf 200 137 0.00 0.00 3.71 0.00 867 Network.or-100-5-4-UC-30.cnf 200 169 0.00 0.00 1.39 0.00 868 Network.or-100-5-4-UC-40.cnf 200 177 0.00 0.00 0.71 0.00 869 Network.or-100-5-4-UC-50.cnf 200 188 0.00 0.00 0.16 0.00 870 Network.or-100-5-4-UC-60.cnf 200 190 0.00 0.00 0.10 0.00 871 Network.or-100-5-5-UC-10.cnf 200 118 0.00 0.00 2.75 0.00 872 Network.or-100-5-5-UC-20.cnf 200	861	Network.or-100-5-2-UC-40.cnf	200	170	0.00	0.00	0.94	0.00
864 Network.or-100-5-3-UC-40.cnf 200 164 0.00 0.00 1.06 0.00 865 Network.or-100-5-4-UC-10.cnf 200 125 0.00 0.00 4.46 0.00 866 Network.or-100-5-4-UC-20.cnf 200 137 0.00 0.00 3.71 0.00 867 Network.or-100-5-4-UC-30.cnf 200 169 0.00 0.00 1.39 0.00 868 Network.or-100-5-4-UC-40.cnf 200 177 0.00 0.00 0.71 0.00 869 Network.or-100-5-4-UC-50.cnf 200 188 0.00 0.00 0.16 0.00 870 Network.or-100-5-4-UC-60.cnf 200 190 0.00 0.00 0.10 0.00 871 Network.or-100-5-5-UC-10.cnf 200 118 0.00 0.00 6.27 0.00 872 Network.or-100-5-5-UC-20.cnf 200 142 0.00 0.00 2.75 0.00		Network.or-100-5-2-UC-50.cnf	200	1		0.00		0.00
865 Network.or-100-5-4-UC-10.cnf 200 125 0.00 0.00 4.46 0.00 866 Network.or-100-5-4-UC-20.cnf 200 137 0.00 0.00 3.71 0.00 867 Network.or-100-5-4-UC-30.cnf 200 169 0.00 0.00 1.39 0.00 868 Network.or-100-5-4-UC-40.cnf 200 177 0.00 0.00 0.71 0.00 869 Network.or-100-5-4-UC-50.cnf 200 188 0.00 0.00 0.16 0.00 870 Network.or-100-5-4-UC-60.cnf 200 190 0.00 0.00 0.10 0.00 871 Network.or-100-5-5-UC-10.cnf 200 118 0.00 0.00 6.27 0.00 872 Network.or-100-5-5-UC-20.cnf 200 142 0.00 0.00 2.75 0.00	863	Network.or-100-5-2-UC-60.cnf					0.27	
866 Network.or-100-5-4-UC-20.cnf 200 137 0.00 0.00 3.71 0.00 867 Network.or-100-5-4-UC-30.cnf 200 169 0.00 0.00 1.39 0.00 868 Network.or-100-5-4-UC-40.cnf 200 177 0.00 0.00 0.71 0.00 869 Network.or-100-5-4-UC-50.cnf 200 188 0.00 0.00 0.16 0.00 870 Network.or-100-5-4-UC-60.cnf 200 190 0.00 0.00 0.10 0.00 871 Network.or-100-5-5-UC-10.cnf 200 118 0.00 0.00 6.27 0.00 872 Network.or-100-5-5-UC-20.cnf 200 142 0.00 0.00 2.75 0.00				1			1.06	
867 Network.or-100-5-4-UC-30.cnf 200 169 0.00 0.00 1.39 0.00 868 Network.or-100-5-4-UC-40.cnf 200 177 0.00 0.00 0.71 0.00 869 Network.or-100-5-4-UC-50.cnf 200 188 0.00 0.00 0.16 0.00 870 Network.or-100-5-4-UC-60.cnf 200 190 0.00 0.00 0.10 0.00 871 Network.or-100-5-5-UC-10.cnf 200 118 0.00 0.00 6.27 0.00 872 Network.or-100-5-5-UC-20.cnf 200 142 0.00 0.00 2.75 0.00		Network.or-100-5-4-UC-10.cnf	200			0.00	4.46	0.00
868 Network.or-100-5-4-UC-40.cnf 200 177 0.00 0.00 0.71 0.00 869 Network.or-100-5-4-UC-50.cnf 200 188 0.00 0.00 0.16 0.00 870 Network.or-100-5-4-UC-60.cnf 200 190 0.00 0.00 0.10 0.00 871 Network.or-100-5-5-UC-10.cnf 200 118 0.00 0.00 6.27 0.00 872 Network.or-100-5-5-UC-20.cnf 200 142 0.00 0.00 2.75 0.00	866	Network.or-100-5-4-UC-20.cnf	200	137	0.00	0.00	3.71	0.00
869 Network.or-100-5-4-UC-50.cnf 200 188 0.00 0.00 0.16 0.00 870 Network.or-100-5-4-UC-60.cnf 200 190 0.00 0.00 0.10 0.00 871 Network.or-100-5-5-UC-10.cnf 200 118 0.00 0.00 6.27 0.00 872 Network.or-100-5-5-UC-20.cnf 200 142 0.00 0.00 2.75 0.00		Network.or-100-5-4-UC-30.cnf					1.39	
870 Network.or-100-5-4-UC-60.cnf 200 190 0.00 0.00 0.10 0.00 871 Network.or-100-5-5-UC-10.cnf 200 118 0.00 0.00 6.27 0.00 872 Network.or-100-5-5-UC-20.cnf 200 142 0.00 0.00 2.75 0.00	1 1	Network.or-100-5-4-UC-40.cnf		1			0.71	
871 Network.or-100-5-5-UC-10.cnf 200 118 0.00 0.00 6.27 0.00 872 Network.or-100-5-5-UC-20.cnf 200 142 0.00 0.00 2.75 0.00		Network.or-100-5-4-UC-50.cnf		1				
872 Network.or-100-5-5-UC-20.cnf 200 142 0.00 0.00 2.75 0.00		Network.or-100-5-4-UC-60.cnf		190	0.00	0.00		0.00
		Network.or-100-5-5-UC-10.cnf	200	118	0.00	0.00	6.27	0.00
873 Network.or-100-5-5-UC-30.cnf 200 160 0.00 0.01 1.77 0.00		Network.or-100-5-5-UC-20.cnf			0.00	0.00		0.00
	873	Network.or-100-5-5-UC-30.cnf	200	160	0.00	0.01	1.77	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
874	Network.or-100-5-5-UC-40.cnf	200	172	0.00	0.00	0.96	0.00
875	Network.or-100-5-5-UC-50.cnf	200	178	0.00	0.00	0.61	0.00
876	Network.or-100-5-5-UC-60.cnf	200	179	0.00	0.00	0.56	0.00
877	Network.or-100-5-6-UC-20.cnf	200	150	0.00	0.00	2.16	0.00
878	Network.or-100-5-7-UC-20.cnf	200	145	0.00	0.00	2.58	0.00
879	Network.or-100-5-7-UC-30.cnf	200	165	0.00	0.00	2.12	0.00
880	Network.or-100-5-7-UC-40.cnf	200	175	0.00	0.00	0.70	0.00
881	Network.or-100-5-7-UC-50.cnf	200	176	0.00	0.00	0.41	0.00
882	Network.or-100-5-8-UC-10.cnf	200	119	0.00	0.00	5.34	0.00
883	Network.or-100-5-8-UC-20.cnf	200	145	0.00	0.00	2.24	0.00
884	Network.or-100-5-8-UC-30.cnf	200	161	0.00	0.00	1.39	0.00
885	Network.or-100-5-8-UC-40.cnf	200	173	0.00	0.00	0.51	0.00
886	Network.or-100-5-8-UC-50.cnf	200	186	0.00	0.00	0.15	0.00
887	Network.or-100-5-8-UC-60.cnf	200	191	0.00	0.00	0.04	0.00
888	Network.or-100-5-9-UC-10.cnf	200	136	0.00	0.00	3.89	0.00
889	Network.or-100-5-9-UC-20.cnf	200	150	0.00	0.00	2.48	0.00
890	Network.or-100-5-9-UC-30.cnf	200	166	0.00	0.00	0.89	0.00
891	Network.or-100-5-9-UC-40.cnf	200	181	0.00	0.00	0.30	0.00
892	Network.or-50-10-10-UC-20.cnf	100	79	0.00	0.00	0.32	0.00
893	Network.or-50-10-10-UC-30.cnf	100	84	0.00	0.00	0.20	0.00
894	Network.or-50-10-10-UC-40.cnf	100	89	0.00	0.00	0.09	0.00
895	Network.or-50-10-1-UC-10.cnf	100	62	0.00	0.00	1.12	0.00
896	Network.or-50-10-1-UC-20.cnf	100	79	0.00	0.00	0.38	0.00
897	Network.or-50-10-1-UC-30.cnf	100	85	0.00	0.00	0.20	0.00
898	Network.or-50-10-2-UC-10.cnf	100	69	0.00	0.00	0.77	0.00
899	Network.or-50-10-2-UC-20.cnf	100	76	0.00	0.00	0.43	0.00
900	Network.or-50-10-2-UC-30.cnf	100	81	0.00	0.00	0.33	0.00
901	Network.or-50-10-2-UC-40.cnf	100	83	0.00	0.00	0.21	0.00
902	Network.or-50-10-3-UC-10.cnf	100	66	0.00	0.00	1.09	0.00
903	Network.or-50-10-3-UC-20.cnf	100	71	0.00	0.00	0.84	0.00
904	Network.or-50-10-3-UC-30.cnf	100	81	0.00	0.00	0.36	0.00
905	Network.or-50-10-3-UC-40.cnf	100	84	0.00	0.00	0.19	0.00
906	Network.or-50-10-4-UC-10.cnf	100	63	0.00	0.00	1.02	0.00
907	Network.or-50-10-4-UC-20.cnf	100	70	0.00	0.00	0.71	0.00
908	Network.or-50-10-4-UC-30.cnf	100	76	0.00	0.00	0.43	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
909	Network.or-50-10-4-UC-40.cnf	100	78	0.00	0.00	0.39	0.00
910	Network.or-50-10-5-UC-10.cnf	100	62	0.00	0.00	1.15	0.00
911	Network.or-50-10-5-UC-20.cnf	100	66	0.00	0.00	1.05	0.00
912	Network.or-50-10-5-UC-30.cnf	100	69	0.00	0.00	0.81	0.00
913	Network.or-50-10-5-UC-40.cnf	100	74	0.00	0.00	0.52	0.00
914	Network.or-50-10-6-UC-10.cnf	100	66	0.00	0.00	0.89	0.00
915	Network.or-50-10-6-UC-20.cnf	100	74	0.00	0.00	0.53	0.00
916	Network.or-50-10-6-UC-30.cnf	100	75	0.00	0.00	0.60	0.00
917	Network.or-50-10-6-UC-40.cnf	100	90	0.00	0.00	0.18	0.00
918	Network.or-50-10-7-UC-10.cnf	100	57	0.00	0.00	1.47	0.00
919	Network.or-50-10-7-UC-20.cnf	100	74	0.00	0.00	0.54	0.00
920	Network.or-50-10-7-UC-30.cnf	100	83	0.00	0.00	0.24	0.00
921	Network.or-50-10-7-UC-40.cnf	100	88	0.00	0.00	0.15	0.00
922	Network.or-50-10-8-UC-40.cnf	100	92	0.00	0.00	0.05	0.00
923	Network.or-50-10-9-UC-10.cnf	100	59	0.00	0.00	1.22	0.00
924	Network.or-50-10-9-UC-20.cnf	100	66	0.00	0.00	0.92	0.00
925	Network.or-50-10-9-UC-30.cnf	100	73	0.00	0.00	0.57	0.00
926	Network.or-50-10-9-UC-40.cnf	100	77	0.00	0.00	0.45	0.00
927	Network.or-50-20-10-UC-10.cnf	100	66	0.00	0.00	1.01	0.00
928	Network.or-50-20-10-UC-20.cnf	100	75	0.00	0.00	0.85	0.00
929	Network.or-50-20-10-UC-30.cnf	100	79	0.00	0.00	0.59	0.00
930	Network.or-50-20-10-UC-40.cnf	100	89	0.00	0.00	0.36	0.00
931	Network.or-50-20-1-UC-10.cnf	100	57	0.00	0.00	1.41	0.00
932	Network.or-50-20-1-UC-20.cnf	100	68	0.00	0.00	0.93	0.00
933	Network.or-50-20-1-UC-30.cnf	100	75	0.00	0.00	0.79	0.00
934	Network.or-50-20-1-UC-40.cnf	100	86	0.00	0.00	0.36	0.00
935	Network.or-50-20-2-UC-10.cnf	100	52	0.00	0.00	1.88	0.00
936	Network.or-50-20-2-UC-20.cnf	100	61	0.00	0.00	1.27	0.00
937	Network.or-50-20-2-UC-30.cnf	100	72	0.00	0.00	0.76	0.00
938	Network.or-50-20-2-UC-40.cnf	100	79	0.00	0.00	0.70	0.00
939	Network.or-50-20-3-UC-10.cnf	100	60	0.00	0.00	1.37	0.00
940	Network.or-50-20-3-UC-20.cnf	100	74	0.00	0.00	0.72	0.00
941	Network.or-50-20-3-UC-30.cnf	100	77	0.00	0.00	0.67	0.00
942	Network.or-50-20-3-UC-40.cnf	100	76	0.00	0.00	0.59	0.00
943	Network.or-50-20-4-UC-10.cnf	100	62	0.00	0.00	1.15	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
944	Network.or-50-20-4-UC-20.cnf	100	68	0.00	0.00	1.10	0.00
945	Network.or-50-20-4-UC-30.cnf	100	71	0.00	0.00	1.07	0.00
946	Network.or-50-20-4-UC-40.cnf	100	75	0.00	0.00	0.67	0.00
947	Network.or-50-20-5-UC-10.cnf	100	60	0.00	0.00	1.31	0.00
948	Network.or-50-20-5-UC-20.cnf	100	67	0.00	0.00	1.21	0.00
949	Network.or-50-20-5-UC-30.cnf	100	78	0.00	0.00	0.67	0.00
950	Network.or-50-20-5-UC-40.cnf	100	83	0.00	0.00	0.61	0.00
951	Network.or-50-20-6-UC-10.cnf	100	61	0.00	0.00	1.27	0.00
952	Network.or-50-20-6-UC-20.cnf	100	73	0.00	0.00	0.88	0.00
953	Network.or-50-20-6-UC-30.cnf	100	82	0.00	0.00	0.57	0.00
954	Network.or-50-20-6-UC-40.cnf	100	84	0.00	0.00	0.41	0.00
955	Network.or-50-20-7-UC-10.cnf	100	63	0.00	0.00	1.03	0.00
956	Network.or-50-20-7-UC-20.cnf	100	74	0.00	0.00	0.57	0.00
957	Network.or-50-20-7-UC-30.cnf	100	78	0.00	0.00	0.47	0.00
958	Network.or-50-20-7-UC-40.cnf	100	84	0.00	0.00	0.27	0.00
959	Network.or-50-20-8-UC-10.cnf	100	67	0.00	0.00	0.84	0.00
960	Network.or-50-20-8-UC-20.cnf	100	71	0.00	0.00	0.73	0.00
961	Network.or-50-20-8-UC-30.cnf	100	81	0.00	0.00	0.38	0.00
962	Network.or-50-20-8-UC-40.cnf	100	84	0.00	0.00	0.33	0.00
963	Network.or-50-20-9-UC-10.cnf	100	60	0.00	0.00	1.36	0.00
964	Network.or-50-20-9-UC-20.cnf	100	73	0.00	0.00	0.53	0.00
965	Network.or-50-20-9-UC-30.cnf	100	78	0.00	0.00	0.39	0.00
966	Network.or-50-20-9-UC-40.cnf	100	81	0.00	0.00	0.38	0.00
967	Network.or-50-5-1-UC-10.cnf	100	59	0.00	0.00	1.36	0.00
968	Network.or-50-5-1-UC-20.cnf	100	75	0.00	0.00	0.51	0.00
969	Network.or-50-5-2-UC-10.cnf	100	60	0.00	0.00	1.21	0.00
970	Network.or-50-5-2-UC-20.cnf	100	72	0.00	0.00	0.58	0.00
971	Network.or-50-5-2-UC-30.cnf	100	84	0.00	0.00	0.18	0.00
972	Network.or-50-5-3-UC-10.cnf	100	73	0.00	0.00	0.53	0.00
973	Network.or-50-5-3-UC-20.cnf	100	82	0.00	0.00	0.28	0.00
974	Network.or-50-5-3-UC-30.cnf	100	86	0.00	0.00	0.20	0.00
975	Network.or-50-5-3-UC-40.cnf	100	87	0.00	0.00	0.15	0.00
976	Network.or-50-5-4-UC-10.cnf	100	56	0.00	0.00	1.52	0.00
977	Network.or-50-5-4-UC-20.cnf	100	62	0.00	0.00	1.28	0.00
978	Network.or-50-5-4-UC-30.cnf	100	78	0.00	0.00	0.52	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
979	Network.or-50-5-4-UC-40.cnf	100	87	0.00	0.00	0.28	0.00
980	Network.or-50-5-5-UC-10.cnf	100	56	0.00	0.00	1.52	0.00
981	Network.or-50-5-5-UC-20.cnf	100	69	0.00	0.00	0.88	0.00
982	Network.or-50-5-7-UC-10.cnf	100	59	0.00	0.00	1.35	0.00
983	Network.or-50-5-7-UC-20.cnf	100	75	0.00	0.00	0.50	0.00
984	Network.or-50-5-7-UC-30.cnf	100	81	0.00	0.00	0.29	0.00
985	Network.or-50-5-7-UC-40.cnf	100	87	0.00	0.00	0.17	0.00
986	Network.or-50-5-8-UC-10.cnf	100	63	0.00	0.00	1.10	0.00
987	Network.or-50-5-8-UC-20.cnf	100	72	0.00	0.00	0.59	0.00
988	Network.or-50-5-8-UC-30.cnf	100	86	0.00	0.00	0.25	0.00
989	Network.or-50-5-9-UC-10.cnf	100	63	0.00	0.00	1.06	0.00
990	Network.or-50-5-9-UC-20.cnf	100	69	0.00	0.00	0.65	0.00
991	Network.or-50-5-9-UC-30.cnf	100	82	0.00	0.00	0.22	0.00
992	Network.or-50-5-9-UC-40.cnf	100	88	0.00	0.00	0.10	0.00
993	Network.or-60-10-10-UC-10.cnf	120	70	0.00	0.00	2.07	0.00
994	Network.or-60-10-10-UC-20.cnf	120	85	0.00	0.00	1.17	0.00
995	Network.or-60-10-10-UC-30.cnf	120	99	0.00	0.00	0.52	0.00
996	Network.or-60-10-10-UC-40.cnf	120	103	0.00	0.00	0.34	0.00
997	Network.or-60-10-1-UC-10.cnf	120	73	0.00	0.00	1.87	0.00
998	Network.or-60-10-1-UC-20.cnf	120	81	0.00	0.00	1.19	0.00
999	Network.or-60-10-1-UC-30.cnf	120	94	0.00	0.00	0.63	0.00
1000	Network.or-60-10-1-UC-40.cnf	120	98	0.00	0.00	0.53	0.00
1001	Network.or-60-10-2-UC-10.cnf	120	74	0.00	0.00	1.67	0.00
1002	Network.or-60-10-2-UC-20.cnf	120	88	0.00	0.00	1.07	0.00
1003	Network.or-60-10-2-UC-30.cnf	120	103	0.00	0.00	0.32	0.00
1004	Network.or-60-10-2-UC-40.cnf	120	105	0.00	0.00	0.27	0.00
1005	Network.or-60-10-3-UC-10.cnf	120	68	0.00	0.00	2.24	0.00
1006	Network.or-60-10-3-UC-20.cnf	120	86	0.00	0.00	1.17	0.00
1007	Network.or-60-10-3-UC-30.cnf	120	93	0.00	0.00	0.91	0.00
1008	Network.or-60-10-3-UC-40.cnf	120	100	0.00	0.00	0.65	0.00
1009	Network.or-60-10-5-UC-10.cnf	120	79	0.00	0.00	1.45	0.00
1010	Network.or-60-10-5-UC-20.cnf	120	92	0.00	0.00	0.79	0.00
1011	Network.or-60-10-5-UC-30.cnf	120	98	0.00	0.00	0.59	0.00
1012	Network.or-60-10-5-UC-40.cnf	120	100	0.00	0.00	0.38	0.00
1013	Network.or-60-10-6-UC-10.cnf	120	71	0.00	0.00	2.05	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1014	Network.or-60-10-6-UC-20.cnf	120	92	0.00	0.00	0.63	0.00
1015	Network.or-60-10-6-UC-30.cnf	120	96	0.00	0.00	0.52	0.00
1016	Network.or-60-10-6-UC-40.cnf	120	99	0.00	0.00	0.35	0.00
1017	Network.or-60-10-7-UC-10.cnf	120	77	0.00	0.00	1.48	0.00
1018	Network.or-60-10-7-UC-30.cnf	120	97	0.00	0.00	0.39	0.00
1019	Network.or-60-10-7-UC-40.cnf	120	104	0.00	0.00	0.20	0.00
1020	Network.or-60-10-8-UC-10.cnf	120	84	0.00	0.00	1.04	0.00
1021	Network.or-60-10-8-UC-20.cnf	120	86	0.00	0.00	0.97	0.00
1022	Network.or-60-10-8-UC-30.cnf	120	95	0.00	0.00	0.60	0.00
1023	Network.or-60-10-8-UC-40.cnf	120	105	0.00	0.00	0.16	0.00
1024	Network.or-60-10-9-UC-20.cnf	120	91	0.00	0.00	0.60	0.00
1025	Network.or-60-10-9-UC-30.cnf	120	101	0.00	0.00	0.26	0.00
1026	Network.or-60-20-10-UC-10.cnf	120	70	0.00	0.00	2.11	0.00
1027	Network.or-60-20-10-UC-20.cnf	120	79	0.00	0.00	1.52	0.00
1028	Network.or-60-20-10-UC-30.cnf	120	88	0.00	0.00	1.10	0.00
1029	Network.or-60-20-10-UC-40.cnf	120	101	0.00	0.00	0.76	0.00
1030	Network.or-60-20-1-UC-10.cnf	120	67	0.00	0.00	2.48	0.00
1031	Network.or-60-20-1-UC-20.cnf	120	82	0.00	0.00	0.99	0.00
1032	Network.or-60-20-1-UC-30.cnf	120	93	0.00	0.00	0.68	0.00
1033	Network.or-60-20-1-UC-40.cnf	120	97	0.00	0.00	0.61	0.00
1034	Network.or-60-20-2-UC-10.cnf	120	70	0.00	0.00	2.15	0.00
1035	Network.or-60-20-2-UC-20.cnf	120	86	0.00	0.00	1.25	0.00
1036	Network.or-60-20-2-UC-30.cnf	120	103	0.00	0.00	0.37	0.00
1037	Network.or-60-20-2-UC-40.cnf	120	104	0.00	0.00	0.32	0.00
1038	Network.or-60-20-3-UC-10.cnf	120	82	0.00	0.00	1.40	0.00
1039	Network.or-60-20-3-UC-20.cnf	120	91	0.00	0.00	1.07	0.00
1040	Network.or-60-20-3-UC-30.cnf	120	97	0.00	0.00	0.83	0.00
1041	Network.or-60-20-3-UC-40.cnf	120	99	0.00	0.00	0.69	0.00
1042	Network.or-60-20-4-UC-10.cnf	120	69	0.00	0.00	2.38	0.00
1043	Network.or-60-20-4-UC-20.cnf	120	78	0.00	0.00	1.84	0.00
1044	Network.or-60-20-4-UC-30.cnf	120	87	0.00	0.00	1.26	0.00
1045	Network.or-60-20-4-UC-40.cnf	120	92	0.00	0.00	1.45	0.00
1046	Network.or-60-20-5-UC-10.cnf	120	68	0.00	0.00	2.41	0.00
1047	Network.or-60-20-5-UC-20.cnf	120	74	0.00	0.00	2.32	0.00
1048	Network.or-60-20-5-UC-30.cnf	120	84	0.00	0.00	1.51	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1049	Network.or-60-20-5-UC-40.cnf	120	94	0.00	0.00	0.95	0.00
1050	Network.or-60-20-6-UC-10.cnf	120	71	0.00	0.00	2.52	0.00
1051	Network.or-60-20-6-UC-20.cnf	120	84	0.00	0.00	1.60	0.00
1052	Network.or-60-20-6-UC-30.cnf	120	91	0.00	0.00	1.33	0.00
1053	Network.or-60-20-6-UC-40.cnf	120	95	0.00	0.00	0.99	0.00
1054	Network.or-60-20-7-UC-10.cnf	120	71	0.00	0.00	2.04	0.00
1055	Network.or-60-20-7-UC-20.cnf	120	82	0.00	0.01	1.73	0.00
1056	Network.or-60-20-7-UC-30.cnf	120	88	0.00	0.00	1.08	0.00
1057	Network.or-60-20-7-UC-40.cnf	120	102	0.00	0.00	0.52	0.00
1058	Network.or-60-20-8-UC-10.cnf	120	73	0.00	0.00	2.16	0.00
1059	Network.or-60-20-8-UC-20.cnf	120	91	0.00	0.00	0.81	0.00
1060	Network.or-60-20-8-UC-30.cnf	120	97	0.00	0.00	0.54	0.00
1061	Network.or-60-20-8-UC-40.cnf	120	103	0.00	0.00	0.23	0.00
1062	Network.or-60-20-9-UC-10.cnf	120	77	0.00	0.00	1.43	0.00
1063	Network.or-60-20-9-UC-20.cnf	120	92	0.00	0.00	0.55	0.00
1064	Network.or-60-20-9-UC-30.cnf	120	96	0.00	0.00	0.45	0.00
1065	Network.or-60-20-9-UC-40.cnf	120	97	0.00	0.00	0.38	0.00
1066	Network.or-60-5-10-UC-10.cnf	120	83	0.00	0.00	1.09	0.00
1067	Network.or-60-5-10-UC-20.cnf	120	89	0.00	0.00	0.93	0.00
1068	Network.or-60-5-10-UC-30.cnf	120	100	0.00	0.00	0.41	0.00
1069	Network.or-60-5-10-UC-40.cnf	120	106	0.00	0.00	0.14	0.00
1070	Network.or-60-5-1-UC-10.cnf	120	83	0.00	0.00	0.95	0.00
1071	Network.or-60-5-1-UC-20.cnf	120	90	0.00	0.00	0.83	0.00
1072	Network.or-60-5-1-UC-30.cnf	120	95	0.00	0.00	0.59	0.00
1073	Network.or-60-5-1-UC-40.cnf	120	105	0.00	0.00	0.18	0.00
1074	Network.or-60-5-2-UC-10.cnf	120	76	0.00	0.00	1.47	0.00
1075	Network.or-60-5-2-UC-20.cnf	120	86	0.00	0.00	0.98	0.00
1076	Network.or-60-5-2-UC-30.cnf	120	91	0.00	0.00	0.68	0.00
1077	Network.or-60-5-3-UC-10.cnf	120	69	0.00	0.00	2.11	0.00
1078	Network.or-60-5-3-UC-20.cnf	120	80	0.00	0.00	1.24	0.00
1079	Network.or-60-5-3-UC-30.cnf	120	102	0.00	0.00	0.22	0.00
1080	Network.or-60-5-4-UC-10.cnf	120	82	0.00	0.00	1.02	0.00
1081	Network.or-60-5-4-UC-20.cnf	120	96	0.00	0.00	0.38	0.00
1082	Network.or-60-5-4-UC-30.cnf	120	105	0.00	0.00	0.16	0.00
1083	Network.or-60-5-4-UC-40.cnf	120	109	0.00	0.00	0.09	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1084	Network.or-60-5-5-UC-10.cnf	120	77	0.00	0.00	1.48	0.00
1085	Network.or-60-5-5-UC-20.cnf	120	96	0.00	0.00	0.45	0.00
1086	Network.or-60-5-5-UC-30.cnf	120	98	0.00	0.00	0.36	0.00
1087	Network.or-60-5-6-UC-20.cnf	120	98	0.00	0.00	0.33	0.00
1088	Network.or-60-5-6-UC-30.cnf	120	103	0.00	0.00	0.21	0.00
1089	Network.or-60-5-6-UC-40.cnf	120	106	0.00	0.00	0.16	0.00
1090	Network.or-60-5-7-UC-10.cnf	120	82	0.00	0.00	1.06	0.00
1091	Network.or-60-5-7-UC-20.cnf	120	91	0.00	0.00	0.65	0.00
1092	Network.or-60-5-7-UC-30.cnf	120	97	0.00	0.00	0.46	0.00
1093	Network.or-60-5-7-UC-40.cnf	120	104	0.00	0.00	0.24	0.00
1094	Network.or-60-5-8-UC-10.cnf	120	72	0.00	0.00	1.84	0.00
1095	Network.or-60-5-8-UC-30.cnf	120	103	0.00	0.00	0.21	0.00
1096	Network.or-60-5-8-UC-40.cnf	120	105	0.00	0.00	0.15	0.00
1097	Network.or-60-5-9-UC-20.cnf	120	96	0.00	0.00	0.40	0.00
1098	Network.or-60-5-9-UC-30.cnf	120	103	0.00	0.00	0.26	0.00
1099	Network.or-60-5-9-UC-40.cnf	120	110	0.00	0.00	0.07	0.00
1100	Network.or-70-10-10-UC-10.cnf	140	86	0.00	0.00	2.34	0.00
1101	Network.or-70-10-1-UC-10.cnf	140	90	0.00	0.00	2.08	0.00
1102	Network.or-70-10-1-UC-20.cnf	140	104	0.00	0.00	0.99	0.00
1103	Network.or-70-10-1-UC-30.cnf	140	111	0.00	0.00	0.83	0.00
1104	Network.or-70-10-1-UC-40.cnf	140	117	0.00	0.00	0.55	0.00
1105	Network.or-70-10-2-UC-10.cnf	140	81	0.00	0.00	2.82	0.00
1106	Network.or-70-10-2-UC-20.cnf	140	97	0.00	0.00	1.57	0.00
1107	Network.or-70-10-2-UC-30.cnf	140	108	0.00	0.00	0.98	0.00
1108	Network.or-70-10-2-UC-40.cnf	140	114	0.00	0.00	0.47	0.00
1109	Network.or-70-10-3-UC-10.cnf	140	95	0.00	0.00	1.93	0.00
1110	Network.or-70-10-3-UC-20.cnf	140	100	0.00	0.00	1.39	0.00
1111	Network.or-70-10-3-UC-30.cnf	140	117	0.00	0.00	0.40	0.00
1112	Network.or-70-10-3-UC-40.cnf	140	125	0.00	0.00	0.15	0.00
1113	Network.or-70-10-4-UC-10.cnf	140	81	0.00	0.00	3.24	0.00
1114	Network.or-70-10-4-UC-20.cnf	140	92	0.00	0.00	2.40	0.00
1115	Network.or-70-10-4-UC-30.cnf	140	101	0.00	0.00	1.85	0.00
1116	Network.or-70-10-4-UC-40.cnf	140	110	0.00	0.00	1.09	0.00
1117	Network.or-70-10-5-UC-10.cnf	140	83	0.00	0.00	2.54	0.00
1118	Network.or-70-10-5-UC-20.cnf	140	101	0.00	0.00	1.39	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1119	Network.or-70-10-5-UC-30.cnf	140	110	0.00	0.00	0.63	0.00
1120	Network.or-70-10-5-UC-40.cnf	140	118	0.00	0.00	0.33	0.00
1121	Network.or-70-10-6-UC-10.cnf	140	85	0.00	0.00	2.52	0.00
1122	Network.or-70-10-6-UC-20.cnf	140	100	0.00	0.00	1.27	0.00
1123	Network.or-70-10-6-UC-30.cnf	140	120	0.00	0.00	0.39	0.00
1124	Network.or-70-10-6-UC-40.cnf	140	127	0.00	0.00	0.11	0.00
1125	Network.or-70-10-7-UC-10.cnf	140	86	0.00	0.00	2.30	0.00
1126	Network.or-70-10-7-UC-20.cnf	140	99	0.00	0.00	1.64	0.00
1127	Network.or-70-10-7-UC-30.cnf	140	114	0.00	0.00	0.97	0.00
1128	Network.or-70-10-7-UC-40.cnf	140	124	0.00	0.00	0.51	0.00
1129	Network.or-70-10-8-UC-20.cnf	140	113	0.00	0.00	0.52	0.00
1130	Network.or-70-10-8-UC-30.cnf	140	123	0.00	0.00	0.27	0.00
1131	Network.or-70-10-8-UC-40.cnf	140	126	0.00	0.00	0.14	0.00
1132	Network.or-70-10-9-UC-10.cnf	140	96	0.00	0.00	1.46	0.00
1133	Network.or-70-10-9-UC-20.cnf	140	106	0.00	0.00	0.88	0.00
1134	Network.or-70-10-9-UC-30.cnf	140	117	0.00	0.00	0.60	0.00
1135	Network.or-70-10-9-UC-40.cnf	140	122	0.00	0.00	0.33	0.00
1136	Network.or-70-20-10-UC-10.cnf	140	86	0.00	0.00	2.27	0.00
1137	Network.or-70-20-10-UC-20.cnf	140	90	0.00	0.00	2.80	0.00
1138	Network.or-70-20-10-UC-30.cnf	140	102	0.00	0.00	1.66	0.00
1139	Network.or-70-20-10-UC-40.cnf	140	119	0.00	0.00	0.84	0.00
1140	Network.or-70-20-1-UC-10.cnf	140	96	0.00	0.00	1.87	0.00
1141	Network.or-70-20-1-UC-20.cnf	140	106	0.00	0.00	1.53	0.00
1142	Network.or-70-20-1-UC-30.cnf	140	109	0.00	0.00	1.53	0.00
1143	Network.or-70-20-1-UC-40.cnf	140	113	0.00	0.00	1.22	0.00
1144	Network.or-70-20-2-UC-10.cnf	140	89	0.00	0.00	2.21	0.00
1145	Network.or-70-20-2-UC-20.cnf	140	103	0.00	0.00	1.72	0.00
1146	Network.or-70-20-2-UC-30.cnf	140	109	0.00	0.00	1.67	0.00
1147	Network.or-70-20-2-UC-40.cnf	140	114	0.00	0.00	1.11	0.00
1148	Network.or-70-20-3-UC-10.cnf	140	79	0.00	0.00	3.52	0.00
1149	Network.or-70-20-3-UC-20.cnf	140	96	0.00	0.00	2.23	0.00
1150	Network.or-70-20-3-UC-30.cnf	140	106	0.00	0.00	1.99	0.00
1151	Network.or-70-20-3-UC-40.cnf	140	123	0.00	0.00	1.34	0.00
1152	Network.or-70-20-4-UC-10.cnf	140	82	0.00	0.00	2.82	0.00
1153	Network.or-70-20-4-UC-20.cnf	140	91	0.00	0.00	2.52	0.00

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1154	Network.or-70-20-4-UC-30.cnf	140	110	0.00	0.00	1.06	0.00
1155	Network.or-70-20-4-UC-40.cnf	140	120	0.00	0.00	0.64	0.00
1156	Network.or-70-20-5-UC-10.cnf	140	82	0.00	0.00	3.09	0.00
1157	Network.or-70-20-5-UC-20.cnf	140	92	0.00	0.00	2.48	0.00
1158	Network.or-70-20-5-UC-30.cnf	140	98	0.00	0.00	1.80	0.00
1159	Network.or-70-20-5-UC-40.cnf	140	109	0.00	0.00	1.23	0.00
1160	Network.or-70-20-6-UC-10.cnf	140	85	0.00	0.00	2.47	0.00
1161	Network.or-70-20-6-UC-20.cnf	140	100	0.00	0.00	1.67	0.00
1162	Network.or-70-20-6-UC-30.cnf	140	111	0.00	0.00	0.61	0.00
1163	Network.or-70-20-6-UC-40.cnf	140	113	0.00	0.00	0.52	0.00
1164	Network.or-70-20-7-UC-10.cnf	140	85	0.00	0.00	2.48	0.00
1165	Network.or-70-20-7-UC-20.cnf	140	103	0.00	0.00	1.85	0.00
1166	Network.or-70-20-7-UC-30.cnf	140	118	0.00	0.00	1.15	0.00
1167	Network.or-70-20-7-UC-40.cnf	140	125	0.00	0.00	0.88	0.00
1168	Network.or-70-20-8-UC-10.cnf	140	80	0.00	0.00	2.94	0.00
1169	Network.or-70-20-8-UC-20.cnf	140	87	0.00	0.00	3.04	0.00
1170	Network.or-70-20-8-UC-30.cnf	140	104	0.00	0.00	1.59	0.00
1171	Network.or-70-20-8-UC-40.cnf	140	115	0.00	0.00	1.32	0.00
1172	Network.or-70-20-9-UC-10.cnf	140	96	0.00	0.00	1.37	0.00
1173	Network.or-70-20-9-UC-20.cnf	140	109	0.00	0.00	0.84	0.00
1174	Network.or-70-20-9-UC-30.cnf	140	115	0.00	0.00	0.56	0.00
1175	Network.or-70-20-9-UC-40.cnf	140	122	0.00	0.00	0.36	0.00
1176	Network.or-70-5-10-UC-10.cnf	140	93	0.00	0.00	1.81	0.00
1177	Network.or-70-5-10-UC-20.cnf	140	98	0.00	0.00	1.54	0.00
1178	Network.or-70-5-10-UC-30.cnf	140	105	0.00	0.00	1.13	0.00
1179	Network.or-70-5-10-UC-40.cnf	140	110	0.00	0.00	0.65	0.00
1180	Network.or-70-5-1-UC-10.cnf	140	89	0.00	0.00	2.06	0.00
1181	Network.or-70-5-1-UC-20.cnf	140	111	0.00	0.00	0.59	0.00
1182	Network.or-70-5-2-UC-10.cnf	140	88	0.00	0.00	2.22	0.00
1183	Network.or-70-5-2-UC-20.cnf	140	100	0.00	0.00	1.27	0.00
1184	Network.or-70-5-3-UC-30.cnf	140	117	0.00	0.00	0.40	0.00
1185	Network.or-70-5-4-UC-10.cnf	140	85	0.00	0.00	2.27	0.00
1186	Network.or-70-5-4-UC-20.cnf	140	97	0.00	0.00	1.39	0.00
1187	Network.or-70-5-4-UC-30.cnf	140	110	0.00	0.00	0.96	0.00
1188	Network.or-70-5-4-UC-40.cnf	140	122	0.00	0.00	0.24	0.00

189	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1191 Network.or-70-5-5-UC-40.cnf 140 125 0.00 0.00 0.16 0.00 1192 Network.or-70-5-6-UC-10.cnf 140 83 0.00 0.00 2.55 0.00 1193 Network.or-70-5-6-UC-20.cnf 140 102 0.00 0.00 0.00 1.06 0.00 1194 Network.or-70-5-6-UC-20.cnf 140 116 0.00 0.00 0.43 0.00 1195 Network.or-70-5-7-UC-10.cnf 140 87 0.00 0.00 2.26 0.00 1195 Network.or-70-5-7-UC-20.cnf 140 99 0.00 0.00 0.37 0.00 1196 Network.or-70-5-7-UC-20.cnf 140 99 0.00 0.00 0.56 0.00 1197 Network.or-70-5-7-UC-20.cnf 140 113 0.00 0.00 0.56 0.00 1198 Network.or-70-5-7-UC-40.cnf 140 122 0.00 0.00 0.20 0.00 1199 Network.or-70-5-8-UC-10.cnf 140 122 0.00 0.00 1.67 0.00 1200 Network.or-70-5-8-UC-30.cnf 140 133 0.00 0.00 1.67 0.00 1201 Network.or-70-5-8-UC-30.cnf 140 121 0.00 0.00 0.32 0.00 1201 Network.or-70-5-8-UC-30.cnf 140 121 0.00 0.00 0.32 0.00 1202 Network.or-70-5-9-UC-40.cnf 140 126 0.00 0.00 0.20 0.00 1203 Network.or-70-5-9-UC-30.cnf 140 126 0.00 0.00 0.20 0.00 1203 Network.or-70-5-9-UC-30.cnf 140 110 0.00 0.00 0.27 0.00 1205 Network.or-70-5-9-UC-30.cnf 140 110 0.00 0.00 0.71 0.00 1205 Network.or-70-5-9-UC-30.cnf 140 110 0.00 0.00 0.71 0.00 1205 Network.or-70-5-9-UC-30.cnf 140 110 120 0.00 0.00 0.71 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 110 120 0.00 0.00 0.71 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 122 0.00 0.00 0.00 0.71 0.00 1208 0.00 0.00 0.00 0.00 1765.78 0.00 1208 0.00 0.0	1189	Network.or-70-5-5-UC-20.cnf	140	97	0.00	0.00	1.52	0.00
1192 Network.or-70-5-6-UC-10.cnf 140 83 0.00 0.00 2.55 0.00 1193 Network.or-70-5-6-UC-20.cnf 140 102 0.00 0.00 1.06 0.00 1194 Network.or-70-5-6-UC-30.cnf 140 116 0.00 0.00 0.43 0.00 1195 Network.or-70-5-7-UC-10.cnf 140 87 0.00 0.00 0.226 0.00 1196 Network.or-70-5-7-UC-20.cnf 140 99 0.00 0.00 1.37 0.00 1197 Network.or-70-5-7-UC-30.cnf 140 113 0.00 0.00 0.56 0.00 1198 Network.or-70-5-7-UC-40.cnf 140 122 0.00 0.00 0.56 0.00 1199 Network.or-70-5-8-UC-10.cnf 140 140 94 0.00 0.00 0.20 0.00 1200 Network.or-70-5-8-UC-20.cnf 140 103 0.00 0.00 1.67 0.00 1201 Network.or-70-5-8-UC-30.cnf 140 103 0.00 0.00 0.32 0.00 1202 Network.or-70-5-8-UC-40.cnf 140 126 0.00 0.00 0.32 0.00 1203 Network.or-70-5-8-UC-40.cnf 140 126 0.00 0.00 0.20 0.00 1204 Network.or-70-5-9-UC-10.cnf 140 110 0.00 0.00 0.20 0.00 1205 Network.or-70-5-9-UC-20.cnf 140 110 0.00 0.00 0.71 0.00 1206 Network.sat-grid-pbl-0010.cnf 140 110 0.00 0.00 0.71 0.00 1207 or-chain_154.fg.uai.cnf 140 122 0.00 0.00 0.72 0.00 1208 or-chain_20.3fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1209 or-chain_218.fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1210 Planning_5blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning_bb_largs.c.cnf 3016 3014 0.00 0.00 0.01 TO 0.00 1213 Planning_brelargs.c.cnf 3016 3014 0.00 0.00 0.01 TO 0.00 1214 Planning_tire-1.cnf 352 400 0.00 0.01 TO 0.00 1215 Planning_tire-2.cnf 550 589 0.00 0.01 3.37 0.00 1216 prob001.pddl.enf.uai.cnf 250 396 0.00 0.01 3.95 0.00 1219 random_u1250-013.cnf 250 397 0.00 0.00 2.79 0.00 1220 random_u1250-013.cnf 250 398 0.00 0.00 0.79 0.00 1221 random_u1250-013.cnf 250	1190	Network.or-70-5-5-UC-30.cnf	140	121	0.00	0.00	0.26	0.00
Network.or-70-5-6-UC-20.cnf 140 102 0.00 0.00 1.06 0.00 1194 Network.or-70-5-6-UC-30.cnf 140 116 0.00 0.00 0.43 0.00 1195 Network.or-70-5-7-UC-10.cnf 140 87 0.00 0.00 0.26 0.00 1196 Network.or-70-5-7-UC-20.cnf 140 99 0.00 0.00 1.37 0.00 1197 Network.or-70-5-7-UC-30.cnf 140 113 0.00 0.00 0.56 0.00 1198 Network.or-70-5-7-UC-40.cnf 140 112 0.00 0.00 0.56 0.00 1199 Network.or-70-5-8-UC-40.cnf 140 122 0.00 0.00 0.00 1.67 0.00 1200 Network.or-70-5-8-UC-20.cnf 140 103 0.00 0.00 1.67 0.00 1200 Network.or-70-5-8-UC-30.cnf 140 103 0.00 0.00 1.10 0.00 1201 Network.or-70-5-8-UC-30.cnf 140 121 0.00 0.00 0.32 0.00 1202 Network.or-70-5-8-UC-40.cnf 140 126 0.00 0.00 0.20 0.00 1203 Network.or-70-5-9-UC-10.cnf 140 100 0.00 0.00 0.20 0.00 1204 Network.or-70-5-9-UC-20.cnf 140 110 0.00 0.00 0.71 0.00 1204 Network.or-70-5-9-UC-20.cnf 140 110 0.00 0.00 0.71 0.00 1205 Network.or-70-5-9-UC-30.cnf 140 122 0.00 0.00 0.71 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 120 0.00 0.00 0.71 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 110 0.00 0.00 0.71 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 120 0.00 0.00 0.72 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 120 0.00 0.00 0.75 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 120 0.00 0.00 0.75 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 120 0.00 0.00 0.00 0.75 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 120 0.00 0.	1191	Network.or-70-5-5-UC-40.cnf	140	125	0.00	0.00	0.16	0.00
1194 Network.or-70-5-6-UC-30.cnf 140 116 0.00 0.00 0.43 0.00 1195 Network.or-70-5-7-UC-10.cnf 140 87 0.00 0.00 2.26 0.00 1196 Network.or-70-5-7-UC-20.cnf 140 99 0.00 0.00 0.56 0.00 1197 Network.or-70-5-7-UC-30.cnf 140 113 0.00 0.00 0.56 0.00 1198 Network.or-70-5-7-UC-40.cnf 140 122 0.00 0.00 0.20 0.00 1199 Network.or-70-5-8-UC-10.cnf 140 140 122 0.00 0.00 0.20 0.00 1199 Network.or-70-5-8-UC-10.cnf 140 94 0.00 0.00 0.00 1.67 0.00 1200 Network.or-70-5-8-UC-30.cnf 140 103 0.00 0.00 0.32 0.00 1201 Network.or-70-5-8-UC-30.cnf 140 121 0.00 0.00 0.32 0.00 1202 Network.or-70-5-8-UC-40.cnf 140 126 0.00 0.00 0.20 0.00 1203 Network.or-70-5-9-UC-10.cnf 140 100 0.00 0.00 0.20 0.00 1204 Network.or-70-5-9-UC-30.cnf 140 110 0.00 0.00 0.71 0.00 1205 Network.or-70-5-9-UC-30.cnf 140 110 0.00 0.00 0.71 0.00 1206 Network.sat-grid-pbl-0010.cnf 140 122 0.00 0.00 0.27 0.00 1207 or_chain_154-fg.uai.cnf 1504 1697 0.01 0.04 TO 0.00 1208 or_chain_218-fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1209 or_chain_153-fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1210 Planning_5beeks.cnf 283 587 0.00 0.00 38.48 0.00 1211 Planning_bw.large.c.nf 3016 3014 0.00 0.00 0.03 0.00 1213 Planning_bw.large.c.nf 3016 3014 0.00 0.00 0.05 0.00 1214 Planning_tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1215 Planning_tire-2.cnf 550 589 0.00 0.01 170 0.00 1216 prob001.pddl.cnf.uai.cnf 250 396 0.00 0.01 3.95 0.00 1217 random.uf250-011.cnf 250 396 0.00 0.01 3.95 0.00 1219 random.uf250-013.cnf 250 276 0.00 0.00 2.79 0.00 1220 random.uf250-014.cnf 250 310 0.00 0.01 1.63 0.00 1221 random.uf250-018.cnf 250 397 0	1192	Network.or-70-5-6-UC-10.cnf	140	83	0.00	0.00	2.55	0.00
Network.or-70-5-7-UC-10.cnf 140 87 0.00 0.00 2.26 0.00	1193	Network.or-70-5-6-UC-20.cnf	140	102	0.00	0.00	1.06	0.00
Network.or-70-5-7-UC-20.cnf 140 99 0.00 0.00 1.37 0.00	1194	Network.or-70-5-6-UC-30.cnf	140	116	0.00	0.00	0.43	0.00
1197 Network.or-70-5-7-UC-30.cnf 140 113 0.00 0.00 0.56 0.00 1198 Network.or-70-5-7-UC-40.cnf 140 122 0.00 0.00 0.20 0.00 1199 Network.or-70-5-8-UC-10.cnf 140 94 0.00 0.00 1.67 0.00 1200 Network.or-70-5-8-UC-20.cnf 140 103 0.00 0.00 0.10 0.00 1201 Network.or-70-5-8-UC-30.cnf 140 121 0.00 0.00 0.32 0.00 1202 Network.or-70-5-8-UC-40.cnf 140 126 0.00 0.00 0.20 0.00 1203 Network.or-70-5-9-UC-20.cnf 140 100 0.00 0.00 0.20 0.00 1204 Network.or-70-5-9-UC-30.cnf 140 110 0.00 0.00 0.71 0.00 1205 Network.or-70-5-9-UC-30.cnf 140 110 0.00 0.00 0.71 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 122 0.00 0.00 0.77 0.00 1207 Or-chain.154-fg.nai.cnf 1504 1697 0.01 0.04 TO 0.00 1208 Or-chain.203.fg.nai.cnf 1479 1669 0.01 0.04 TO 0.00 1209 Or-chain.218-fg.nai.cnf 113 122 0.00 0.00 38.48 0.00 1210 Planning.3blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning.5step.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning.bw.large.c.cnf 3016 3014 0.00 0.00 0.39 0.00 1214 Planning.tire-1.cnf 352 400 0.00 0.01 TO 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 TO 0.00 1216 prob001.pddl.cnf.nai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-011.cnf 250 396 0.00 0.01 3.95 0.00 1218 random.uf250-011.cnf 250 396 0.00 0.01 3.95 0.00 1219 random.uf250-014.cnf 250 397 0.00 0.00 2.79 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1222 random.uf250-015.cnf 250 300 0.00 0.01 1.63 0.00 1222 random.uf250-015.cnf 250 300 0.00 0.01 1.63 0.00 1222 random.uf250-015.cnf 250 300 0.00 0.01 1.63 0.00 1222 random.uf250-	1195	Network.or-70-5-7-UC-10.cnf	140	87	0.00	0.00	2.26	0.00
1198	1196	Network.or-70-5-7-UC-20.cnf	140	99	0.00	0.00	1.37	0.00
Network.or-70-5-8-UC-10.cnf 140 94 0.00 0.00 1.67 0.00	1197	Network.or-70-5-7-UC-30.cnf	140	113	0.00	0.00	0.56	0.00
1200 Network.or-70-5-8-UC-20.cnf 140 103 0.00 0.00 1.10 0.00 1201 Network.or-70-5-8-UC-30.cnf 140 121 0.00 0.00 0.32 0.00 1202 Network.or-70-5-8-UC-40.cnf 140 126 0.00 0.00 0.20 0.00 1203 Network.or-70-5-9-UC-10.cnf 140 100 0.00 0.00 1.23 0.00 1204 Network.or-70-5-9-UC-20.cnf 140 110 0.00 0.00 0.71 0.00 1205 Network.or-70-5-9-UC-20.cnf 140 110 0.00 0.00 0.27 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 122 0.00 0.00 0.27 0.00 1206 Network.sat-grid-pbl-0010.cnf 110 79 0.00 0.00 1765.78 0.00 1207 or.chain.154.fg.uai.cnf 1504 1697 0.01 0.04 TO 0.00 1208 or.chain.203.fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1209 or.chain.218.fg.uai.cnf 113 122 0.00 0.00 38.48 0.00 1210 Planning.3blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning.5step.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning.bw.large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning.prob001.pddl.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning.tire-2.cnf 352 400 0.00 0.01 TO 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 3.17 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-011.cnf 250 241 0.00 0.00 0.23 0.00 1219 random.uf250-013.cnf 250 397 0.00 0.00 2.79 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.00 2.79 0.00 1221 random.uf250-018.cnf 250 397 0.00 0.00 2.79 0.00 1222 random.uf250-018.cnf 250 280 0.00 0.01 1.63 0.00 1222 random.uf250-018	1198	Network.or-70-5-7-UC-40.cnf	140	122	0.00	0.00	0.20	0.00
1201 Network.or-70-5-8-UC-30.cnf 140 121 0.00 0.00 0.32 0.00 1202 Network.or-70-5-8-UC-40.cnf 140 126 0.00 0.00 0.20 0.00 1203 Network.or-70-5-9-UC-10.cnf 140 100 0.00 0.00 1.23 0.00 1204 Network.or-70-5-9-UC-20.cnf 140 110 0.00 0.00 0.00 0.71 0.00 1205 Network.or-70-5-9-UC-30.cnf 140 110 0.00 0.00 0.00 0.27 0.00 1206 Network.or-70-5-9-UC-30.cnf 140 122 0.00 0.00 0.27 0.00 1207 Network.or-70-5-9-UC-30.cnf 140 122 0.00 0.00 1765.78 0.00 1208 Or_chain.154.fg.uai.cnf 1504 1697 0.01 0.04 TO 0.00 1209 Or_chain.218.fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1210 Planning.3blocks.cnf 283 587 0.00 0.00 38.48 0.00 1211 Planning.5step.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning.bw_large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning.tire-1.cnf 352 400 0.00 0.01 TO 0.00 1214 Planning.tire-1.cnf 352 400 0.00 0.01 11.31 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 170 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-011.cnf 250 241 0.00 0.00 0.23 0.00 1219 random.uf250-013.cnf 250 397 0.00 0.01 3.95 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-018.cnf 250 310 0.00 0.00 2.79 0.00 1222 random.uf250-018.cnf 250 300 0.00 0.01 1.63 0.00 1222 random.uf250-018.cnf 250 380 0.00 0.01 1.63 0.00 1222 random.uf250-018.cnf 250 380 0.00 0.01 1.63 0.00 1222 random.uf250-018.cnf 250 300 0.00 0.00 0.00 2.79 0.00 1222 random.uf250-018.cnf 250 300 0.00 0.00 0.00 0.00 0.00 1222 random.uf250-018.cnf 250 280 0.00 0.00 0.00 0.00 0.00 1222	1199	Network.or-70-5-8-UC-10.cnf	140	94	0.00	0.00	1.67	0.00
1202 Network.or-70-5-8-UC-40.cnf 140 126 0.00 0.00 0.20 0.00 1203 Network.or-70-5-9-UC-10.cnf 140 100 0.00 0.00 1.23 0.00 1204 Network.or-70-5-9-UC-20.cnf 140 110 0.00 0.00 0.71 0.00 1205 Network.or-70-5-9-UC-30.cnf 140 122 0.00 0.00 0.27 0.00 1206 Network.sat-grid-pbl-0010.cnf 110 79 0.00 0.00 1765.78 0.00 1207 or.chain.154.fg.uai.cnf 1504 1697 0.01 0.04 TO 0.00 1208 or.chain.203.fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1209 or.chain.218.fg.uai.cnf 113 122 0.00 0.00 38.48 0.00 1210 Planning.3blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning.5tep.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning.bw.large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning.prob001.pddl.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning.tire-1.cnf 352 400 0.00 0.01 TO 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 TO 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-013.cnf 250 241 0.00 0.00 0.23 0.00 1219 random.uf250-013.cnf 250 276 0.00 0.01 3.95 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-014.cnf 250 397 0.00 0.01 1.63 0.00 1222 random.uf250-018.cnf 250 280 0.00	1200	Network.or-70-5-8-UC-20.cnf	140	103	0.00	0.00	1.10	0.00
1203 Network.or-70-5-9-UC-10.cnf 140 100 0.00 0.00 1.23 0.00 1204 Network.or-70-5-9-UC-20.cnf 140 110 0.00 0.00 0.71 0.00 1205 Network.or-70-5-9-UC-30.cnf 140 122 0.00 0.00 0.27 0.00 1206 Network.sat-grid-pbl-0010.cnf 110 79 0.00 0.00 1765.78 0.00 1207 or_chain_154.fg.uai.cnf 1504 1697 0.01 0.04 TO 0.00 1208 or_chain_203.fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1209 or_chain_218.fg.uai.cnf 113 122 0.00 0.00 38.48 0.00 1210 Planning_3blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning_5step.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning_bw_large_c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning_prob001.pddl.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning_tire-1.cnf 352 400 0.00 0.01 2.08 0.00 1215 Planning_tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random_uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random_uf250-013.cnf 250 241 0.00 0.00 0.23 0.00 1219 random_uf250-013.cnf 250 276 0.00 0.00 0.01 3.95 0.00 1220 random_uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random_uf250-015.cnf 250 397 0.00 0.00 2.79 0.00 1222 random_uf250-015.cnf 250 280 0.00 0.01 1.63 0.00 1222 random_uf250-018.cnf 250 250	1201	Network.or-70-5-8-UC-30.cnf	140	121	0.00	0.00	0.32	0.00
Network.or-70-5-9-UC-20.cnf 140 110 0.00 0.00 0.71 0.00	1202	Network.or-70-5-8-UC-40.cnf	140		0.00	0.00	0.20	0.00
1205 Network.or-70-5-9-UC-30.cnf 140 122 0.00 0.00 0.27 0.00 1206 Network.sat-grid-pbl-0010.cnf 110 79 0.00 0.00 1765.78 0.00 1207 or.chain.154.fg.uai.cnf 1504 1697 0.01 0.04 TO 0.00 1208 or.chain.203.fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1209 or.chain.218.fg.uai.cnf 113 122 0.00 0.00 38.48 0.00 1210 Planning.3blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning.5step.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning.bw.large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning.tire-1.cnf 352 400 0.00 0.01 TO 0.00 1214 Planning.tire-1.cnf 352 400 0.00	1203	Network.or-70-5-9-UC-10.cnf	140	100	0.00	0.00	1.23	0.00
1206 Network.sat-grid-pbl-0010.cnf 110 79 0.00 0.00 1765.78 0.00 1207 or_chain_154.fg.uai.cnf 1504 1697 0.01 0.04 TO 0.00 1208 or_chain_203.fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1209 or_chain_218.fg.uai.cnf 113 122 0.00 0.00 38.48 0.00 1210 Planning.3blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning.5step.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning.bw.large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning.tire-1.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning.tire-1.cnf 352 400 0.00 0.01 1.131 0.00 1215 Planning.tire-1.cnf 550 589 0.00 <	1204	Network.or-70-5-9-UC-20.cnf	140	110	0.00	0.00	0.71	0.00
1207 or_chain_154.fg.uai.cnf 1504 1697 0.01 0.04 TO 0.00 1208 or_chain_203.fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1209 or_chain_218.fg.uai.cnf 113 122 0.00 0.00 38.48 0.00 1210 Planning.3blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning.5step.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning.bw_large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning.prob001.pddl.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning.tire-1.cnf 352 400 0.00 0.01 TO 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 <t< td=""><td>1205</td><td>Network.or-70-5-9-UC-30.cnf</td><td>140</td><td>122</td><td>0.00</td><td>0.00</td><td>0.27</td><td>0.00</td></t<>	1205	Network.or-70-5-9-UC-30.cnf	140	122	0.00	0.00	0.27	0.00
1208 or_chain_203.fg.uai.cnf 1479 1669 0.01 0.04 TO 0.00 1209 or_chain_218.fg.uai.cnf 113 122 0.00 0.00 38.48 0.00 1210 Planning_3blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning_5step.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning_bw_large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning_prob001.pddl.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning_tire-1.cnf 352 400 0.00 0.01 TO 0.00 1215 Planning_tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.0	1206	Network.sat-grid-pbl-0010.cnf	110	79	0.00	0.00	1765.78	0.00
1209 or_chain_218.fg.uai.cnf 113 122 0.00 0.00 38.48 0.00 1210 Planning.3blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning.bsc.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning.bw_large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning.prob001.pddl.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning.tire-1.cnf 352 400 0.00 0.01 2.08 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-013.cnf 250 241 0.00 0.00 </td <td>1207</td> <td>or_chain_154.fg.uai.cnf</td> <td>1504</td> <td>1697</td> <td>0.01</td> <td>0.04</td> <td>ТО</td> <td>0.00</td>	1207	or_chain_154.fg.uai.cnf	1504	1697	0.01	0.04	ТО	0.00
1210 Planning.3blocks.cnf 283 587 0.00 0.01 0.18 0.00 1211 Planning.5step.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning.bw.large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning.bw.large.c.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning.tire-1.cnf 352 400 0.00 0.01 TO 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-011.cnf 250 241 0.00 0.00 0.23 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01	1208	or_chain_203.fg.uai.cnf	1479	1669	0.01	0.04	ТО	0.00
1211 Planning.5step.cnf 177 175 0.00 0.00 0.39 0.00 1212 Planning.bw.large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning.prob001.pddl.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning.tire-1.cnf 352 400 0.00 0.01 2.08 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-011.cnf 250 241 0.00 0.00 0.23 0.00 1220 random.uf250-013.cnf 250 276 0.00 0.01 3.95 0.00 1221 random.uf250-017.cnf 250 310 0.00 0.01 <td>1209</td> <td></td> <td>113</td> <td>122</td> <td>0.00</td> <td>0.00</td> <td>38.48</td> <td>0.00</td>	1209		113	122	0.00	0.00	38.48	0.00
1212 Planning.bw.large.c.cnf 3016 3014 0.00 0.00 0.05 0.00 1213 Planning.prob001.pddl.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning.tire-1.cnf 352 400 0.00 0.01 2.08 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-011.cnf 250 241 0.00 0.00 0.23 0.00 1219 random.uf250-013.cnf 250 276 0.00 0.00 1.67 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-017.cnf 250 310 0.00 0.01 </td <td>1210</td> <td>Planning.3blocks.cnf</td> <td></td> <td>587</td> <td>0.00</td> <td>0.01</td> <td>0.18</td> <td>0.00</td>	1210	Planning.3blocks.cnf		587	0.00	0.01	0.18	0.00
1213 Planning.prob001.pddl.cnf 939 1216 0.00 0.01 TO 0.00 1214 Planning.tire-1.cnf 352 400 0.00 0.01 2.08 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-011.cnf 250 241 0.00 0.00 0.23 0.00 1219 random.uf250-013.cnf 250 276 0.00 0.00 1.67 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-017.cnf 250 310 0.00 0.01 1.63 0.00 1222 random.uf250-018.cnf 250 280 0.00 0.01	1211	Planning.5step.cnf	177	175	0.00	0.00	0.39	0.00
1214 Planning.tire-1.cnf 352 400 0.00 0.01 2.08 0.00 1215 Planning.tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-011.cnf 250 241 0.00 0.00 0.23 0.00 1219 random.uf250-013.cnf 250 276 0.00 0.00 1.67 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-017.cnf 250 310 0.00 0.00 2.79 0.00 1222 random.uf250-018.cnf 250 280 0.00 0.01 1.63 0.00	1212	Planning.bw_large.c.cnf	3016	3014	0.00	0.00	0.05	0.00
1215 Planning.tire-2.cnf 550 589 0.00 0.01 11.31 0.00 1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-011.cnf 250 241 0.00 0.00 0.23 0.00 1219 random.uf250-013.cnf 250 276 0.00 0.00 1.67 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-017.cnf 250 310 0.00 0.00 2.79 0.00 1222 random.uf250-018.cnf 250 280 0.00 0.01 1.63 0.00	1213	Planning.prob001.pddl.cnf	939	1216	0.00	0.01	ТО	0.00
1216 prob001.pddl.cnf.uai.cnf 2366 2643 0.00 0.01 TO 0.00 1217 random.uf250-010.cnf 250 396 0.00 0.01 3.17 0.00 1218 random.uf250-011.cnf 250 241 0.00 0.00 0.23 0.00 1219 random.uf250-013.cnf 250 276 0.00 0.00 1.67 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-017.cnf 250 310 0.00 0.00 2.79 0.00 1222 random.uf250-018.cnf 250 280 0.00 0.01 1.63 0.00	1214	Planning.tire-1.cnf	352		0.00	0.01	2.08	0.00
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1215							
1218 random.uf250-011.cnf 250 241 0.00 0.00 0.23 0.00 1219 random.uf250-013.cnf 250 276 0.00 0.00 1.67 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-017.cnf 250 310 0.00 0.00 2.79 0.00 1222 random.uf250-018.cnf 250 280 0.00 0.01 1.63 0.00	1216		2366		0.00	0.01	ТО	0.00
1219 random.uf250-013.cnf 250 276 0.00 0.00 1.67 0.00 1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-017.cnf 250 310 0.00 0.00 2.79 0.00 1222 random.uf250-018.cnf 250 280 0.00 0.01 1.63 0.00	1217		250	396	0.00	0.01	3.17	0.00
1220 random.uf250-014.cnf 250 397 0.00 0.01 3.95 0.00 1221 random.uf250-017.cnf 250 310 0.00 0.00 2.79 0.00 1222 random.uf250-018.cnf 250 280 0.00 0.01 1.63 0.00								
1221 random.uf250-017.cnf 250 310 0.00 0.00 2.79 0.00 1222 random.uf250-018.cnf 250 280 0.00 0.01 1.63 0.00								
1222 random.uf250-018.cnf 250 280 0.00 0.01 1.63 0.00	1220				0.00	0.01	3.95	0.00
		random.uf250-017.cnf	250	310	0.00	0.00	2.79	0.00
1223 random.uf250-020.cnf 250 278 0.00 0.01 3.36 0.00					0.00			0.00
	1223	random.uf250-020.cnf	250	278	0.00	0.01	3.36	0.00

1224	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1226								
1227								
1228		random.uf250-024.cnf	250				0.37	
1229	1227	random.uf250-026.cnf	250				0.43	
1230							3.14	
1231								
1232	1230	random.uf250-029.cnf	250		0.00	0.00		0.00
1233		random.uf250-02.cnf			0.00	0.00		
1234		random.uf250-031.cnf		308	0.00			
1235 random.uf250-036.cnf 250 238 0.00 0.00 0.76 0.00 1236 random.uf250-038.cnf 250 268 0.00 0.00 0.75 0.00 1237 random.uf250-040.cnf 250 300 0.00 0.01 2.04 0.00 1238 random.uf250-041.cnf 250 349 0.00 0.01 1.76 0.00 1239 random.uf250-043.cnf 250 239 0.00 0.01 1.76 0.00 1240 random.uf250-045.cnf 250 239 0.00 0.01 1.76 0.00 1241 random.uf250-045.cnf 250 254 0.00 0.00 0.46 0.00 1242 random.uf250-050.cnf 250 380 0.00 0.01 2.95 0.00 1243 random.uf250-050.cnf 250 295 0.00 0.00 2.23 0.00 1244 random.uf250-050.cnf 250 295 0.00 0.00	1233	random.uf250-032.cnf	250	251	0.00	0.00	0.85	0.00
1236 random.uf250-038.enf 250 268 0.00 0.00 0.75 0.00 1237 random.uf250-03.enf 250 300 0.00 0.01 2.04 0.00 1238 random.uf250-040.enf 250 349 0.00 0.01 2.86 0.00 1239 random.uf250-041.enf 250 297 0.00 0.01 1.76 0.00 1240 random.uf250-043.enf 250 239 0.00 0.00 0.46 0.00 1241 random.uf250-045.enf 250 254 0.00 0.00 0.40 0.00 1242 random.uf250-048.enf 250 380 0.00 0.01 2.95 0.00 1243 random.uf250-050.enf 250 324 0.00 0.00 2.23 0.00 1244 random.uf250-051.enf 250 295 0.00 0.00 1.15 0.00 1246 random.uf250-053.enf 250 273 0.00 0.00 <		random.uf250-034.cnf	250	235	0.00	0.00	0.40	0.00
1237 random.uf250-03.cnf 250 300 0.00 0.01 2.04 0.00 1238 random.uf250-040.cnf 250 349 0.00 0.01 2.86 0.00 1239 random.uf250-041.cnf 250 297 0.00 0.01 1.76 0.00 1240 random.uf250-043.cnf 250 239 0.00 0.00 0.46 0.00 1241 random.uf250-048.cnf 250 254 0.00 0.00 0.40 0.00 1242 random.uf250-048.cnf 250 380 0.00 0.01 2.95 0.00 1243 random.uf250-050.cnf 250 324 0.00 0.00 2.23 0.00 1244 random.uf250-050.cnf 250 295 0.00 0.00 1.15 0.00 1245 random.uf250-052.cnf 250 273 0.00 0.00 1.05 0.00 1246 random.uf250-053.cnf 250 322 0.00 0.01 <	1235	random.uf250-036.cnf	250	238	0.00	0.00	0.76	0.00
1238 random.uf250-040.cnf 250 349 0.00 0.01 2.86 0.00 1239 random.uf250-041.cnf 250 297 0.00 0.01 1.76 0.00 1240 random.uf250-043.cnf 250 239 0.00 0.00 0.46 0.00 1241 random.uf250-045.cnf 250 254 0.00 0.00 0.40 0.00 1242 random.uf250-048.cnf 250 380 0.00 0.01 2.95 0.00 1243 random.uf250-050.cnf 250 324 0.00 0.00 2.23 0.00 1244 random.uf250-051.cnf 250 295 0.00 0.00 1.15 0.00 1245 random.uf250-051.cnf 250 273 0.00 0.00 1.05 0.00 1246 random.uf250-053.cnf 250 273 0.00 0.01 1.79 0.00 1247 random.uf250-054.cnf 250 242 0.00 0.00	1236	random.uf250-038.cnf	250	268	0.00	0.00	0.75	0.00
1239 random.uf250-041.cnf 250 297 0.00 0.01 1.76 0.00 1240 random.uf250-043.cnf 250 239 0.00 0.00 0.46 0.00 1241 random.uf250-045.cnf 250 254 0.00 0.00 0.40 0.00 1242 random.uf250-048.cnf 250 380 0.00 0.01 2.95 0.00 1243 random.uf250-050.cnf 250 324 0.00 0.00 2.23 0.00 1244 random.uf250-051.cnf 250 295 0.00 0.00 1.15 0.00 1245 random.uf250-052.cnf 250 295 0.00 0.00 1.05 0.00 1246 random.uf250-053.cnf 250 273 0.00 0.00 1.05 0.00 1247 random.uf250-054.cnf 250 242 0.00 0.01 1.79 0.00 1248 random.uf250-056.cnf 250 337 0.00 0.00	1237	random.uf250-03.cnf	250	300	0.00	0.01	2.04	0.00
1240 random.uf250-043.cnf 250 239 0.00 0.00 0.46 0.00 1241 random.uf250-045.cnf 250 254 0.00 0.00 0.40 0.00 1242 random.uf250-048.cnf 250 380 0.00 0.01 2.95 0.00 1243 random.uf250-050.cnf 250 324 0.00 0.00 2.23 0.00 1244 random.uf250-051.cnf 250 295 0.00 0.00 1.15 0.00 1245 random.uf250-052.cnf 250 273 0.00 0.00 1.05 0.00 1246 random.uf250-053.cnf 250 322 0.00 0.01 1.79 0.00 1247 random.uf250-054.cnf 250 242 0.00 0.00 0.07 0.00 1248 random.uf250-056.cnf 250 615 0.00 0.00 3.56 0.00 1249 random.uf250-055.cnf 250 337 0.00 0.00	1238	random.uf250-040.cnf	250	349	0.00	0.01	2.86	0.00
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1239	random.uf250-041.cnf	250	297	0.00	0.01	1.76	0.00
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1240	random.uf250-043.cnf	250	239	0.00	0.00	0.46	0.00
1243 random.uf250-050.cnf 250 324 0.00 0.00 2.23 0.00 1244 random.uf250-051.cnf 250 295 0.00 0.00 1.15 0.00 1245 random.uf250-052.cnf 250 273 0.00 0.00 1.05 0.00 1246 random.uf250-053.cnf 250 322 0.00 0.01 1.79 0.00 1247 random.uf250-054.cnf 250 242 0.00 0.00 0.07 0.00 1248 random.uf250-056.cnf 250 615 0.00 0.00 3.56 0.00 1249 random.uf250-057.cnf 250 337 0.00 0.00 3.19 0.00 1250 random.uf250-058.cnf 250 335 0.00 0.00 2.34 0.00 1251 random.uf250-059.cnf 250 312 0.00 0.00 2.50 0.00 1252 random.uf250-05.cnf 250 268 0.00 0.00 <	1241	random.uf250-045.cnf	250	254	0.00	0.00	0.40	0.00
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1242	random.uf250-048.cnf	250	380	0.00	0.01	2.95	0.00
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1243	random.uf250-050.cnf	250	324	0.00	0.00	2.23	0.00
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1244	random.uf250-051.cnf	250	295	0.00	0.00	1.15	0.00
1247 random.uf250-054.cnf 250 242 0.00 0.00 0.07 0.00 1248 random.uf250-056.cnf 250 615 0.00 0.00 3.56 0.00 1249 random.uf250-057.cnf 250 337 0.00 0.00 3.19 0.00 1250 random.uf250-058.cnf 250 335 0.00 0.00 2.34 0.00 1251 random.uf250-059.cnf 250 312 0.00 0.00 2.50 0.00 1252 random.uf250-05.cnf 250 268 0.00 0.00 0.96 0.00 1253 random.uf250-060.cnf 250 284 0.00 0.01 1.53 0.00 1254 random.uf250-062.cnf 250 248 0.00 0.00 0.73 0.00 1255 random.uf250-065.cnf 250 347 0.00 0.00 2.02 0.00 1256 random.uf250-067.cnf 250 252 0.00 0.00 <	1245	random.uf250-052.cnf	250	273	0.00	0.00	1.05	0.00
1248 random.uf250-056.cnf 250 615 0.00 0.00 3.56 0.00 1249 random.uf250-057.cnf 250 337 0.00 0.00 3.19 0.00 1250 random.uf250-058.cnf 250 335 0.00 0.00 2.34 0.00 1251 random.uf250-059.cnf 250 312 0.00 0.00 2.50 0.00 1252 random.uf250-05.cnf 250 268 0.00 0.00 0.96 0.00 1253 random.uf250-060.cnf 250 284 0.00 0.01 1.53 0.00 1254 random.uf250-062.cnf 250 248 0.00 0.00 0.73 0.00 1255 random.uf250-065.cnf 250 347 0.00 0.00 2.02 0.00 1256 random.uf250-067.cnf 250 252 0.00 0.00 1.32 0.00 1257 random.uf250-070.cnf 250 336 0.00 0.00 <	1246	random.uf250-053.cnf	250	322	0.00	0.01	1.79	0.00
1249 random.uf250-057.cnf 250 337 0.00 0.00 3.19 0.00 1250 random.uf250-058.cnf 250 335 0.00 0.00 2.34 0.00 1251 random.uf250-059.cnf 250 312 0.00 0.00 2.50 0.00 1252 random.uf250-05.cnf 250 268 0.00 0.00 0.96 0.00 1253 random.uf250-060.cnf 250 284 0.00 0.01 1.53 0.00 1254 random.uf250-062.cnf 250 248 0.00 0.00 0.73 0.00 1255 random.uf250-065.cnf 250 347 0.00 0.00 2.02 0.00 1256 random.uf250-067.cnf 250 252 0.00 0.00 1.32 0.00 1257 random.uf250-070.cnf 250 336 0.00 0.00 3.43 0.00	1247	random.uf250-054.cnf	250	242	0.00	0.00	0.07	0.00
1250 random.uf250-058.cnf 250 335 0.00 0.00 2.34 0.00 1251 random.uf250-059.cnf 250 312 0.00 0.00 2.50 0.00 1252 random.uf250-05.cnf 250 268 0.00 0.00 0.96 0.00 1253 random.uf250-060.cnf 250 284 0.00 0.01 1.53 0.00 1254 random.uf250-062.cnf 250 248 0.00 0.00 0.73 0.00 1255 random.uf250-065.cnf 250 347 0.00 0.00 2.02 0.00 1256 random.uf250-067.cnf 250 252 0.00 0.00 1.32 0.00 1257 random.uf250-070.cnf 250 336 0.00 0.00 3.43 0.00	1248	random.uf250-056.cnf						
1251 random.uf250-059.cnf 250 312 0.00 0.00 2.50 0.00 1252 random.uf250-05.cnf 250 268 0.00 0.00 0.96 0.00 1253 random.uf250-060.cnf 250 284 0.00 0.01 1.53 0.00 1254 random.uf250-062.cnf 250 248 0.00 0.00 0.73 0.00 1255 random.uf250-065.cnf 250 347 0.00 0.00 2.02 0.00 1256 random.uf250-067.cnf 250 252 0.00 0.00 1.32 0.00 1257 random.uf250-070.cnf 250 336 0.00 0.00 3.43 0.00								
1252 random.uf250-05.cnf 250 268 0.00 0.00 0.96 0.00 1253 random.uf250-060.cnf 250 284 0.00 0.01 1.53 0.00 1254 random.uf250-062.cnf 250 248 0.00 0.00 0.73 0.00 1255 random.uf250-065.cnf 250 347 0.00 0.00 2.02 0.00 1256 random.uf250-067.cnf 250 252 0.00 0.00 1.32 0.00 1257 random.uf250-070.cnf 250 336 0.00 0.00 3.43 0.00								
1253 random.uf250-060.cnf 250 284 0.00 0.01 1.53 0.00 1254 random.uf250-062.cnf 250 248 0.00 0.00 0.73 0.00 1255 random.uf250-065.cnf 250 347 0.00 0.00 2.02 0.00 1256 random.uf250-067.cnf 250 252 0.00 0.00 1.32 0.00 1257 random.uf250-070.cnf 250 336 0.00 0.00 3.43 0.00	1251	random.uf250-059.cnf	250		0.00	0.00	2.50	0.00
1254 random.uf250-062.cnf 250 248 0.00 0.00 0.73 0.00 1255 random.uf250-065.cnf 250 347 0.00 0.00 2.02 0.00 1256 random.uf250-067.cnf 250 252 0.00 0.00 1.32 0.00 1257 random.uf250-070.cnf 250 336 0.00 0.00 3.43 0.00		random.uf250-05.cnf						
1255 random.uf250-065.cnf 250 347 0.00 0.00 2.02 0.00 1256 random.uf250-067.cnf 250 252 0.00 0.00 1.32 0.00 1257 random.uf250-070.cnf 250 336 0.00 0.00 3.43 0.00							1.53	0.00
1256 random.uf250-067.cnf 250 252 0.00 0.00 1.32 0.00 1257 random.uf250-070.cnf 250 336 0.00 0.00 3.43 0.00								
1257 random.uf250-070.cnf 250 336 0.00 0.00 3.43 0.00	1255	random.uf250-065.cnf			0.00	0.00	2.02	0.00
		random.uf250-067.cnf			0.00	0.00		0.00
1258 random.uf250-071.cnf 250 239 0.00 0.00 0.24 0.00		random.uf250-070.cnf			0.00	0.00		0.00
	1258	random.uf250-071.cnf	250	239	0.00	0.00	0.24	0.00

1259 random.uf250-072.cnf 250 242 0.00 0.00 0.36 1260 random.uf250-076.cnf 250 246 0.00 0.00 0.67 1261 random.uf250-077.cnf 250 321 0.00 0.01 2.49 1262 random.uf250-07.cnf 250 241 0.00 0.00 0.70 1263 random.uf250-080.cnf 250 277 0.00 0.00 1.33 1264 random.uf250-082.cnf 250 323 0.00 0.01 2.34 1265 random.uf250-086.cnf 250 244 0.00 0.00 0.61 1266 random.uf250-087.cnf 250 315 0.00 0.00 2.20 1267 random.uf250-092.cnf 250 340 0.00 0.01 3.55 1268 random.uf250-092.cnf 250 295 0.00 0.01 3.04 1269 random.uf250-093.cnf 250 251 0.00 0.00 0.30 <th>robsharpSAT</th>	robsharpSAT
1261 random.uf250-077.cnf 250 321 0.00 0.01 2.49 1262 random.uf250-07.cnf 250 241 0.00 0.00 0.70 1263 random.uf250-080.cnf 250 277 0.00 0.00 1.33 1264 random.uf250-082.cnf 250 323 0.00 0.01 2.34 1265 random.uf250-086.cnf 250 244 0.00 0.00 0.61 1266 random.uf250-087.cnf 250 315 0.00 0.00 0.61 1267 random.uf250-090.cnf 250 340 0.00 0.01 3.55 1268 random.uf250-092.cnf 250 295 0.00 0.01 3.04 1269 random.uf250-093.cnf 250 251 0.00 0.00 0.30 1270 random.uf250-094.cnf 250 261 0.00 0.00 0.87 1271 random.uf250-096.cnf 250 297 0.00 0.00 1.57 <td>0.00</td>	0.00
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.00
1271 random.uf250-096.cnf 250 307 0.00 0.00 1.83 1272 random.uf250-097.cnf 250 297 0.00 0.00 1.57 1273 random.uf250-099.cnf 250 271 0.00 0.00 1.26 1274 random.uf250-09.cnf 250 289 0.00 0.00 1.48 1275 random.wff.3.75.315.cnf 75 74 0.00 0.00 0.00 1276 s1196.scan.erg.cnf 1211 1184 0.00 0.00 0.85	0.00
1272 random.uf250-097.cnf 250 297 0.00 0.00 1.57 1273 random.uf250-099.cnf 250 271 0.00 0.00 1.26 1274 random.uf250-09.cnf 250 289 0.00 0.00 1.48 1275 random.wff.3.75.315.cnf 75 74 0.00 0.00 0.00 1276 s1196.scan.erg.cnf 1211 1184 0.00 0.00 0.85	0.00
1273 random.uf250-099.cnf 250 271 0.00 0.00 1.26 1274 random.uf250-09.cnf 250 289 0.00 0.00 1.48 1275 random.wff.3.75.315.cnf 75 74 0.00 0.00 0.00 1276 s1196.scan.erg.cnf 1211 1184 0.00 0.00 0.85	0.00
1274 random.uf250-09.cnf 250 289 0.00 0.00 1.48 1275 random.wff.3.75.315.cnf 75 74 0.00 0.00 0.00 1276 s1196.scan.erg.cnf 1211 1184 0.00 0.00 0.85	0.00
1275 random.wff.3.75.315.cnf 75 74 0.00 0.00 0.00 1276 s1196.scan.erg.cnf 1211 1184 0.00 0.00 0.85	0.00
1276 s1196.scan.erg.cnf 1211 1184 0.00 0.00 0.85	0.00
	0.00
1277 s1238.scan.erg.cnf 1145 1139 0.00 0.00 0.81	0.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00
1278 s1423.scan.erg.cnf 1709 1630 0.00 0.00 8.25	0.00
1279 s1488.scan.erg.cnf 1348 1382 0.00 0.00 0.16	0.00
1280 s1494.scan.erg.cnf 1338 1476 0.00 0.00 0.21	0.00
1281 s386.scan.erg.cnf 358 387 0.00 0.00 0.12	0.00
1282 06A-1.cnf 2226 6081 4967.53 79.02 348.16	ТО
1283 10_14_s.21.uai.cnf 154936 331422 TO TO TO	ТО
1284 10_16_s.21.uai.cnf 157082 335855 TO TO TO	ТО
1285 11_17_s.21.uai.cnf 153411 328080 TO TO TO	ТО
1286 11_3_s.21.uai.cnf 156129 333859 TO TO TO	ТО
1287 11_4_s.21.uai.cnf 153253 328103 TO TO TO	ТО
1288 12_15_s.21.uai.cnf 153744 329217 TO TO TO	ТО
1289 12_20_s.21.uai.cnf 152764 327221 TO TO TO	ТО
1290 12_4_s.21.uai.cnf 149538 320096 TO TO TO	ТО
1291 1_28_s.21.uai.cnf 152571 326780 TO TO TO	ТО
1292 13_14_s.21.uai.cnf 151044 322487 TO TO TO	ТО
1293 13_30_s.21.uai.cnf 151062 323438 TO TO TO	ТО

1001		Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1294	13_9_s.21.uai.cnf	150400	322347	ТО	ТО	ТО	ТО
1295	1401.wcsp.uai.cnf	23328	75349	ТО	ТО	ТО	ТО
1296	1403.wcsp.uai.cnf	29214	97679	ТО	ТО	ТО	ТО
1297	1405.wcsp.uai.cnf	39186	141021	ТО	ТО	ТО	ТО
1298	1407.wcsp.uai.cnf	46984	174610	ТО	ТО	ТО	ТО
1299	14_26_s.21.uai.cnf	152912	327198	ТО	ТО	ТО	ТО
1300	14_30_s.21.uai.cnf	153433	328080	ТО	ТО	ТО	ТО
1301	1504.wcsp.uai.cnf	10232	31407	ТО	ТО	ТО	ТО
1302	1506.wcsp.uai.cnf	33480	122109	ТО	ТО	ТО	ТО
1303	$15_3_s.21.uai.cnf$	154246	330099	ТО	ТО	ТО	ТО
1304	16_16_s.21.uai.cnf	151499	324088	ТО	ТО	ТО	ТО
1305	16_18_s.21.uai.cnf	154485	330772	ТО	ТО	ТО	ТО
1306	$17_4_s.21.uai.cnf$	155625	332745	ТО	ТО	ТО	ТО
1307	18_10_s.21.uai.cnf	150511	322092	ТО	ТО	ТО	ТО
1308	18_11_s.21.uai.cnf	147635	316104	ТО	ТО	ТО	ТО
1309	18_1_s.21.uai.cnf	149345	319887	ТО	ТО	ТО	ТО
1310	18_21_s.21.uai.cnf	152381	326571	ТО	ТО	ТО	ТО
1311	18_30_s.21.uai.cnf	153428	328312	ТО	ТО	ТО	ТО
1312	19_12_s.21.uai.cnf	154539	331004	ТО	ТО	ТО	ТО
1313	19_20_s.21.uai.cnf	154294	330331	ТО	ТО	ТО	ТО
1314	19 ₋ 25 ₋ s.21.uai.cnf	152279	325875	ТО	ТО	ТО	ТО
1315	19 ₋ 4 ₋ s.21.uai.cnf	154441	330308	ТО	ТО	ТО	ТО
1316	20_12_s.21.uai.cnf	151996	325202	ТО	ТО	ТО	ТО
1317	20_5_s.21.uai.cnf	155168	332095	ТО	ТО	ТО	ТО
1318	$20_9_s.21.uai.cnf$	155417	332304	ТО	ТО	ТО	ТО
1319	2_17_s.21.uai.cnf	151783	324993	ТО	ТО	ТО	ТО
1320	2_28_s.21.uai.cnf	152987	327430	ТО	ТО	ТО	ТО
1321	2_2 s.21.uai.cnf	151766	324761	ТО	ТО	ТО	ТО
1322	28.wcsp.uai.cnf	11028	27894	ТО	ТО	ТО	ТО
1323	29.wcsp.uai.cnf	1126	2478	ТО	ТО	ТО	TO
1324	2bitadd_11.cnf.uai.cnf	1584	2031	ТО	ТО	ТО	ТО
1325	3_16_s.21.uai.cnf	152972	327430	ТО	ТО	ТО	ТО
1326	3_20_s.21.uai.cnf	154477	330772	ТО	ТО	ТО	ТО
1327	404.wcsp.uai.cnf	1678	3333	ТО	ТО	ТО	ТО
1328	408.wcsp.uai.cnf	4992	11520	ТО	ТО	ТО	ТО

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1329	412.wcsp.uai.cnf	9540	25093	ТО	ТО	TO	TO
1330	414.wcsp.uai.cnf	21272	72045	ТО	ТО	ТО	TO
1331	4_24_s.21.uai.cnf	150185	321906	ТО	ТО	ТО	TO
1332	42.wcsp.uai.cnf	3282	8368	ТО	ТО	ТО	TO
1333	4_30_s.21.uai.cnf	151139	323902	ТО	ТО	ТО	ТО
1334	503.wcsp.uai.cnf	1672	3777	ТО	168.63	ТО	TO
1335	505.wcsp.uai.cnf	5172	13986	ТО	ТО	ТО	ТО
1336	507.wcsp.uai.cnf	12348	38010	ТО	ТО	ТО	ТО
1337	509.wcsp.uai.cnf	18248	59958	ТО	ТО	ТО	ТО
1338	5_3_s.21.uai.cnf	150530	322092	ТО	ТО	ТО	ТО
1339	5.wcsp.uai.cnf	12360	56381	ТО	ТО	ТО	ТО
1340	6_23_s.21.uai.cnf	159521	341193	ТО	ТО	ТО	ТО
1341	6_3_s.21.uai.cnf	154906	331422	ТО	ТО	ТО	ТО
1342	7_11_s.21.uai.cnf	159027	339847	ТО	ТО	ТО	ТО
1343	$7_{-}12_{-}s.21.uai.cnf$	153135	328358	ТО	ТО	ТО	TO
1344	$7_15_s.21.uai.cnf$	152868	327453	ТО	ТО	ТО	TO
1345	7_29_s.21.uai.cnf	152765	326989	ТО	ТО	ТО	ТО
1346	$7_{-}9_{-}$ s. $21.$ uai. cnf	154523	331004	ТО	ТО	ТО	ТО
1347	8_18_s.21.uai.cnf	152176	325411	ТО	ТО	ТО	ТО
1348	8_25_s.21.uai.cnf	149079	318982	ТО	ТО	ТО	ТО
1349	8_8_s.21.uai.cnf	150475	321860	ТО	ТО	ТО	ТО
1350	90-38-1e120.erg.cnf	3938	3797	ТО	17.18	ТО	ТО
1351	90-38-1e80.erg.cnf	3938	3797	ТО	15.56	ТО	TO
1352	9_10_s.21.uai.cnf	153949	329426	ТО	ТО	ТО	TO
1353	9_24_s.21.uai.cnf	155205	332095	ТО	ТО	ТО	ТО
1354	bmc.bmc-ibm-11.cnf	32109	37773	ТО	555.88	ТО	ТО
1355	bmc.bmc-ibm-7.cnf	8710	10547	ТО	375.31	ТО	ТО
1356	BN_0.erg.cnf	1076	976	ТО	ТО	ТО	ТО
1357	$BN_100.erg.cnf$	89285	463988	ТО	ТО	ТО	ТО
1358	$\mathrm{BN_101.erg.cnf}$	89279	463988	ТО	ТО	ТО	ТО
1359	BN_11.erg.cnf	3122	3019	ТО	ТО	ТО	ТО
1360	$\mathrm{BN}_126.\mathrm{erg.cnf}$	1910	3560	ТО	ТО	ТО	ТО
1361	$\mathrm{BN}_127.\mathrm{erg.cnf}$	1917	3569	ТО	ТО	ТО	ТО
1362	$BN_128.erg.cnf$	1912	3531	ТО	ТО	ТО	ТО
1363	BN_129.erg.cnf	1911	3566	ТО	ТО	ТО	ТО

1364	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1366 BN_131_erg_enf 1899 3466 TO TO TO TO TO 1367 BN_132_erg_enf 1916 3644 TO TO TO TO TO TO 1368 BN_133_erg_enf 1908 3619 TO TO TO TO 1369 BN_133_erg_enf 1901 3451 TO TO TO TO TO 1370 BN_13_erg_enf 1901 3451 TO TO TO TO TO TO TO T	1364	BN_12.erg.cnf	2022	1932		ТО		
1367 BN.132.erg.cnf 1916 3644 TO TO TO TO TO 1368 BN.133.erg.cnf 1908 3619 TO TO TO TO TO TO TO T	1365	BN_130.erg.cnf	1914	3628			ТО	
1368 BN.133.erg.cnf 1908 3619 TO TO TO TO TO 1369 BN.134.erg.cnf 1901 3451 TO TO TO TO TO TO TO T	1366	BN_131.erg.cnf	1899	3466			ТО	TO
1369 BN.134.erg.cnf 1901 3451 TO TO TO TO TO 1370 BN.13.erg.cnf 2488 2363 TO TO TO TO TO TO TO T	1367	BN_132.erg.cnf	1916	3644	ТО	ТО	ТО	TO
1370 BN.13.erg.cnf 2488 2363 TO TO TO TO TO 1371 BN.14.erg.cnf 1906 1791 TO TO TO TO TO 1372 BN.15.erg.cnf 2424 2304 TO TO TO TO TO TO TO 1373 BN.16.erg.cnf 20162 21831 TO TO TO TO TO TO 1374 BN.17.erg.cnf 19507 21941 TO TO TO TO TO 1375 BN.18.erg.cnf 19721 21815 TO TO TO TO TO 1376 BN.19.erg.cnf 19883 22572 TO TO TO TO TO 1377 BN.1.erg.cnf 1448 1348 TO TO TO TO TO 1378 BN.2.erg.cnf 2650 2550 TO TO TO TO TO 1379 BN.3.erg.cnf 1574 1474 TO TO TO TO TO 1381 BN.5.erg.cnf 2664 2564 TO TO TO TO 1381 BN.5.erg.cnf 2804 2679 TO TO TO TO 1382 BN.69.erg.cnf 8402 15287 TO TO TO TO 1383 BN.69.uai.cnf 7079 60285 TO TO TO TO TO 1385 BN.70.erg.cnf 16551 19189 TO TO TO TO TO 1386 BN.70.erg.cnf 16551 19189 TO TO TO TO TO 1387 BN.71.erg.cnf 14399 24689 TO TO TO TO TO 1389 BN.71.erg.cnf 14399 24689 TO TO TO TO TO 1389 BN.71.erg.cnf 13308 87804 TO TO TO TO TO 1390 BN.72.erg.cnf 23132 37169 TO TO TO TO TO 1391 BN.73.erg.cnf 22067 45725 TO TO TO TO TO 1391 BN.73.erg.cnf 22067 45725 TO TO TO TO TO 1393 BN.73.erg.cnf 22067 45725 TO TO TO TO TO 1393 BN.74.erg.cnf 7258 22704 TO TO TO TO TO 1394 BN.75.erg.cnf 5983 41149 TO TO TO TO TO 1395 BN.75.erg.cnf 1603 22995 TO TO TO TO TO 1397 BN.75.erg.cnf 12800 86972 TO TO TO TO TO 1397 BN.75.erg.cnf 23041 48105 TO TO TO TO TO 1397 BN.75.erg.cnf 23041 48105 TO TO TO TO TO TO TO T	1368	BN_133.erg.cnf	1908	3619	ТО		ТО	ТО
1371 BN.14.erg.cnf 1906 1791 TO TO TO TO TO 1372 BN.15.erg.cnf 2424 2304 TO TO TO TO TO 1373 BN.16.erg.cnf 20162 21831 TO TO TO TO TO TO TO T	1369	BN_134.erg.cnf	1901	3451			ТО	
1372 BN.15.erg.cnf 2424 2304 TO TO TO TO TO 1373 BN.16.erg.cnf 20162 21831 TO TO TO TO TO TO 1374 BN.17.erg.cnf 19507 21941 TO TO TO TO TO TO TO T	1370	BN_13.erg.cnf	2488	2363				
1373 BN.16.erg.cnf 20162 21831 TO TO TO TO TO 1374 BN.17.erg.cnf 19507 21941 TO TO TO TO TO TO 1375 BN.18.erg.cnf 19721 21815 TO TO TO TO TO TO 1376 BN.19.erg.cnf 19883 22572 TO TO TO TO TO 1377 BN.1.erg.cnf 1448 1348 TO TO TO TO TO 1378 BN.2.erg.cnf 2650 2550 TO TO TO TO TO 1379 BN.3.erg.cnf 1574 1474 TO TO TO TO 1380 BN.4.erg.cnf 2664 2564 TO TO TO TO TO 1381 BN.5.erg.cnf 2804 2679 TO TO TO TO 1382 BN.69.erg.cnf 8402 15287 TO TO TO TO 1383 BN.69.erg.cnf 4164 4039 TO TO TO TO 1384 BN.6.erg.cnf 4164 4039 TO TO TO TO 1385 BN.70.erg.cnf 16551 19189 TO TO TO TO 1386 BN.70.erg.cnf 16551 19189 TO TO TO TO 1387 BN.71.erg.cnf 14399 24689 TO TO TO TO TO 1388 BN.71.erg.cnf 13308 87804 TO TO TO TO TO 1390 BN.72.erg.cnf 23132 37169 TO TO TO TO TO 1391 BN.73.erg.cnf 12206 45725 TO TO TO TO TO TO 1391 BN.73.erg.cnf 15476 104206 TO TO TO TO TO TO 1393 BN.74.erg.cnf 7258 22704 TO TO TO TO TO 1394 BN.75.erg.cnf 16103 22995 TO TO TO TO TO TO 1395 BN.75.erg.cnf 16103 22995 TO TO TO TO TO TO 1396 BN.75.erg.cnf 12800 86972 TO TO TO TO TO TO 1396 BN.75.erg.cnf 12800 86972 TO TO TO TO TO TO 1396 BN.75.erg.cnf 12800 86972 TO TO TO TO TO TO 1397 BN.75.erg.cnf 12800 86972 TO TO TO TO TO 1397 BN.75.erg.cnf 23041 48105 TO TO TO TO TO TO 1397 BN.75.erg.cnf 23041 48105 TO TO TO TO TO TO TO T	1371	BN_14.erg.cnf	1906	1791	ТО		ТО	ТО
1374 BN_17.erg.enf 19507 21941 TO TO TO TO TO 1375 BN_18.erg.enf 19721 21815 TO TO TO TO TO TO 1376 BN_19.erg.enf 19883 22572 TO TO TO TO TO TO 1377 BN_1.erg.enf 1448 1348 TO TO TO TO TO 1378 BN_2.erg.enf 2650 2550 TO TO TO TO TO 1379 BN_3.erg.enf 1574 1474 TO TO TO TO TO 1380 BN_4.erg.enf 2664 2564 TO TO TO TO TO 1381 BN_5.erg.enf 2804 2679 TO TO TO TO 1382 BN_6.erg.enf 8402 15287 TO TO TO TO 1383 BN_6.erg.enf 8402 15287 TO TO TO TO 1384 BN_6.erg.enf 4164 4039 TO TO TO TO 1385 BN_70.erg.enf 16551 19189 TO TO TO TO 1386 BN_70.uai.enf 15223 100519 TO TO TO TO 1387 BN_71.erg.enf 14399 24689 TO TO TO TO TO 1388 BN_71.erg.enf 14399 24689 TO TO TO TO TO 1389 BN_72.erg.enf 23132 37169 TO TO TO TO TO 1390 BN_72.erg.enf 22067 45725 TO TO TO TO TO 1391 BN_73.erg.enf 12808 8704 TO TO TO TO TO 1392 BN_73.uai.enf 15476 104206 TO TO TO TO TO 1393 BN_74.erg.enf 5983 41149 TO TO TO TO TO 1394 BN_75.erg.enf 16103 22995 TO TO TO TO TO 1396 BN_75.uai.enf 5983 41149 TO TO TO TO TO 1396 BN_75.uai.enf 12800 86972 TO TO TO TO TO 1397 BN_75.uai.enf 12800 86972 TO TO TO TO TO TO 1396 BN_75.uai.enf 12800 86972 TO TO TO TO TO TO 1397 BN_75.uai.enf 12800 86972 TO TO TO TO TO 1397 BN_76.erg.enf 23041 48105 TO TO TO TO TO TO TO T	1372	BN_15.erg.cnf	2424	2304	ТО		ТО	ТО
1375 BN.18.erg.cnf 19721 21815 TO TO TO TO 1376 BN.19.erg.cnf 19883 22572 TO TO TO TO TO 1377 BN.1.erg.cnf 1448 1348 TO TO TO TO TO 1378 BN.2.erg.cnf 2650 2550 TO TO TO TO TO 1379 BN.3.erg.cnf 1574 1474 TO TO TO TO TO 1380 BN.4.erg.cnf 2664 2564 TO TO TO TO TO 1381 BN.5.erg.cnf 2804 2679 TO TO TO TO TO 1382 BN.6.9.erg.cnf 8402 15287 TO TO TO TO 1383 BN.6.erg.cnf 8402 15287 TO TO TO TO TO 1384 BN.6.erg.cnf 4164 4039 TO TO TO TO TO 1385 BN.70.erg.cnf 16551 19189 TO TO TO TO TO 1386 BN.70.erg.cnf 16551 19189 TO TO TO TO 1387 BN.71.erg.cnf 14399 24689 TO TO TO TO TO 1388 BN.71.erg.cnf 13308 87804 TO TO TO TO TO 1389 BN.72.erg.cnf 22067 45725 TO TO TO TO TO 1391 BN.73.erg.cnf 12576 22067 45725 TO TO TO TO TO TO 1391 BN.73.erg.cnf 15476 104206 TO TO TO TO TO 1393 BN.74.erg.cnf 7258 22704 TO TO TO TO TO 1394 BN.75.erg.cnf 16103 22995 TO TO TO TO TO TO 1396 BN.75.erg.cnf 12800 86972 TO TO TO TO TO TO 1397 BN.75.erg.cnf 22041 48105 TO TO TO TO TO TO TO T	1373	BN_16.erg.cnf	20162	21831				
1376 BN_19.erg.cnf 19883 22572 TO TO TO TO TO 1377 BN_11.erg.cnf 1448 1348 TO TO TO TO TO TO 1378 BN_2.erg.cnf 2650 2550 TO TO TO TO TO TO 1379 BN_3.erg.cnf 1574 1474 TO TO TO TO TO TO 1380 BN_4.erg.cnf 2664 2564 TO TO TO TO TO TO 1381 BN_5.erg.cnf 2804 2679 TO TO TO TO TO TO 1382 BN_69.erg.cnf 8402 15287 TO TO TO TO TO 1383 BN_69.uai.cnf 7079 60285 TO TO TO TO TO 1384 BN_6.erg.cnf 4164 4039 TO TO TO TO TO 1385 BN_70.erg.cnf 16551 19189 TO TO TO TO TO 1386 BN_70.uai.cnf 15223 100519 TO TO TO TO 1387 BN_71.erg.cnf 14399 24689 TO TO TO TO 1388 BN_71.uai.cnf 13308 87804 TO TO TO TO 1389 BN_72.erg.cnf 23132 37169 TO TO TO TO TO 1390 BN_72.uai.cnf 16550 109159 TO TO TO TO TO 1391 BN_73.erg.cnf 22067 45725 TO TO TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO TO 1394 BN_74.erg.cnf 5983 41149 TO TO TO TO TO 1394 BN_75.erg.cnf 16103 22995 TO TO TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO TO TO TO 1397 BN_75.erg.cnf 22041 48105 TO TO TO TO TO TO TO T	1374	BN_17.erg.cnf	19507	21941	ТО		ТО	ТО
1377 BN_1.erg.cnf 1448 1348 TO TO TO TO TO 1378 BN_2.erg.cnf 2650 2550 TO TO TO TO TO TO TO 1379 BN_3.erg.cnf 1574 1474 TO TO TO TO TO TO 1380 BN_4.erg.cnf 2664 2564 TO TO TO TO TO TO 1381 BN_5.erg.cnf 2804 2679 TO TO TO TO TO TO 1382 BN_6.9.erg.cnf 8402 15287 TO TO TO TO TO 1383 BN_6.9.uai.cnf 7079 60285 TO TO TO TO TO 1384 BN_6.erg.cnf 4164 4039 TO TO TO TO TO 1385 BN_70.erg.cnf 16551 19189 TO TO TO TO TO 1386 BN_70.uai.cnf 15223 100519 TO TO TO TO 1387 BN_71.uai.cnf 13308 87804 TO TO TO TO TO 1389 BN_71.uai.cnf 13308 87804 TO TO TO TO TO 1390 BN_72.erg.cnf 23132 37169 TO TO TO TO TO 1391 BN_73.erg.cnf 22067 45725 TO TO TO TO TO 1392 BN_73.uai.cnf 15476 104206 TO TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO TO TO 1394 BN_75.erg.cnf 16103 22995 TO TO TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO TO TO TO 1397 BN_75.uai.cnf 12800 86972 TO TO TO TO TO TO TO T	1375		19721	21815	ТО		ТО	ТО
1378 BN_2.erg.cnf 2650 2550 TO TO TO TO 1379 BN_3.erg.cnf 1574 1474 TO TO TO TO 1380 BN_4.erg.cnf 2664 2564 TO TO TO TO 1381 BN_5.erg.cnf 2804 2679 TO TO TO TO 1382 BN_6.9.erg.cnf 8402 15287 TO TO TO TO 1383 BN_6.9.uai.cnf 7079 60285 TO TO TO TO 1384 BN_6.erg.cnf 4164 4039 TO TO TO TO 1385 BN_70.erg.cnf 16551 19189 TO TO TO TO 1386 BN_70.uai.cnf 15223 100519 TO TO TO 1387 BN_71.erg.cnf 14399 24689 TO TO TO TO 1388 BN_71.uai.cnf 13308 87804 TO TO TO TO 1389 BN_72.erg.cnf 23132 37169 TO TO TO TO 1390 BN_73.erg.cnf 16550 109159 TO TO TO TO 1391 BN_73.erg.cnf 12067 45725 TO TO TO TO 1392 BN_73.uai.cnf 15476 104206 TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO 1394 BN_74.erg.cnf 5983 41149 TO TO TO TO 1395 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO 1397 BN_76.erg.cnf 23041 48105 TO TO TO TO 100 TO TO TO 101 TO	1376		19883	22572	ТО		ТО	ТО
1379 BN_3.erg.cnf 1574 1474 TO TO TO TO 1380 BN_4.erg.cnf 2664 2564 TO TO TO TO 1381 BN_5.erg.cnf 2804 2679 TO TO TO TO 1382 BN_69.erg.cnf 8402 15287 TO TO TO TO 1383 BN_69.uai.cnf 7079 60285 TO TO TO TO 1384 BN_6.erg.cnf 4164 4039 TO TO TO 1385 BN_70.erg.cnf 16551 19189 TO TO TO 1386 BN_70.uai.cnf 15223 100519 TO TO TO 1387 BN_71.erg.cnf 14399 24689 TO TO TO 1388 BN_71.uai.cnf 13308 87804 TO TO TO 1389 BN_72.erg.cnf 23132 37169 TO TO TO 1390 BN_72.uai.cnf 16550 109159 TO TO TO 1391 BN_73.erg.cnf 22067 45725 TO TO TO 1392 BN_73.uai.cnf 15476 104206 TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO 1394 BN_75.erg.cnf 16103 22995 TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO 1097 BN_75.uai.cnf 12800 86972 TO TO TO 1098 BN_75.uai.cnf 12800 86972 TO TO TO 1097 BN_75.erg.cnf 23041 48105 TO TO TO 100 TO TO TO 100 TO TO TO TO 100 TO TO TO TO 100 TO TO 100 TO TO 100 TO TO 100 TO TO TO 100 TO TO	1377	BN_1.erg.cnf	1448	1348	ТО		ТО	
1380 BN.4.erg.cnf 2664 2564 TO TO TO TO 1381 BN.5.erg.cnf 2804 2679 TO TO TO TO 1382 BN.69.erg.cnf 8402 15287 TO TO TO TO 1383 BN.69.uai.cnf 7079 60285 TO TO TO TO 1384 BN.69.uai.cnf 4164 4039 TO TO TO TO 1385 BN.70.erg.cnf 16551 19189 TO TO TO TO 1386 BN.70.uai.cnf 15223 100519 TO TO TO TO 1387 BN-71.erg.cnf 14399 24689 TO TO TO TO 1388 BN-71.uai.cnf 13308 87804 TO TO TO TO 1390 BN-72.uai.cnf 16550 109159 TO TO TO TO 1391 BN-73.erg.cnf <t< td=""><td>1378</td><td></td><td>2650</td><td>2550</td><td>ТО</td><td>ТО</td><td>ТО</td><td>ТО</td></t<>	1378		2650	2550	ТО	ТО	ТО	ТО
1381 BN_5.erg.cnf 2804 2679 TO TO TO TO 1382 BN_69.erg.cnf 8402 15287 TO TO TO TO 1383 BN_69.uai.cnf 7079 60285 TO TO TO TO 1384 BN_6.erg.cnf 4164 4039 TO TO TO TO 1385 BN_70.erg.cnf 16551 19189 TO TO TO TO 1386 BN_70.uai.enf 15223 100519 TO TO TO TO 1387 BN_71.erg.cnf 14399 24689 TO TO TO TO 1388 BN_71.uai.cnf 13308 87804 TO TO TO TO 1389 BN_72.erg.cnf 23132 37169 TO TO TO TO 1390 BN_72.uai.cnf 16550 109159 TO TO TO TO 1391 BN_73.erg.cnf	1379		1574	1474	ТО	ТО	ТО	ТО
1382 BN.69.erg.cnf 8402 15287 TO TO TO TO 1383 BN.69.uai.cnf 7079 60285 TO TO TO TO 1384 BN.6erg.cnf 4164 4039 TO TO TO TO 1385 BN.70.erg.cnf 16551 19189 TO TO TO TO 1386 BN.70.uai.cnf 15223 100519 TO TO TO TO 1387 BN.71.erg.cnf 14399 24689 TO TO TO TO 1388 BN.71.uai.cnf 13308 87804 TO TO TO TO 1389 BN.72.erg.cnf 23132 37169 TO TO TO TO 1390 BN.72.uai.cnf 16550 109159 TO TO TO TO 1391 BN.73.erg.cnf 22067 45725 TO TO TO TO 1392 BN.73.erg.cnf	1380	BN_4.erg.cnf	2664	2564	ТО		ТО	TO
1383 BN_69,uai.cnf 7079 60285 TO TO TO TO 1384 BN_6,erg.cnf 4164 4039 TO TO TO TO 1385 BN_70,erg.cnf 16551 19189 TO TO TO TO 1386 BN_70,uai.cnf 15223 100519 TO TO TO TO 1387 BN_71,erg.cnf 14399 24689 TO TO TO TO 1388 BN_71,uai.cnf 13308 87804 TO TO TO TO 1389 BN_72,erg.cnf 23132 37169 TO TO TO TO 1390 BN_72,uai.cnf 16550 109159 TO TO TO TO 1391 BN_73,erg.cnf 22067 45725 TO TO TO TO 1392 BN_73,uai.cnf 15476 104206 TO TO TO TO 1393 BN_74,erg.cnf	1381	BN_5.erg.cnf	2804	2679			ТО	ТО
1384 BN_6.erg.cnf 4164 4039 TO TO TO TO 1385 BN_70.erg.cnf 16551 19189 TO TO TO TO 1386 BN_70.uai.cnf 15223 100519 TO TO TO TO 1387 BN_71.erg.cnf 14399 24689 TO TO TO TO 1388 BN_71.uai.cnf 13308 87804 TO TO TO TO 1389 BN_72.erg.cnf 23132 37169 TO TO TO TO 1390 BN_72.uai.cnf 16550 109159 TO TO TO TO 1391 BN_73.erg.cnf 22067 45725 TO TO TO TO 1392 BN_73.uai.cnf 15476 104206 TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO 1394 BN_75.erg.cnf	1382	BN_69.erg.cnf	8402	15287				ТО
1385 BN_70.erg.cnf 16551 19189 TO TO TO TO 1386 BN_70.uai.cnf 15223 100519 TO TO TO TO 1387 BN_71.erg.cnf 14399 24689 TO TO TO TO 1388 BN_71.uai.cnf 13308 87804 TO TO TO TO 1389 BN_72.erg.cnf 23132 37169 TO TO TO TO 1390 BN_72.erg.cnf 16550 109159 TO TO TO TO 1391 BN_73.erg.cnf 22067 45725 TO TO TO TO 1392 BN_73.uai.cnf 15476 104206 TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO 1394 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf	1383	BN_69.uai.cnf	7079	60285				
1386 BN.70.uai.cnf 15223 100519 TO TO TO TO 1387 BN.71.erg.cnf 14399 24689 TO TO TO TO 1388 BN.71.uai.cnf 13308 87804 TO TO TO TO 1389 BN.72.erg.cnf 23132 37169 TO TO TO TO 1390 BN.72.uai.cnf 16550 109159 TO TO TO TO 1391 BN.73.erg.cnf 22067 45725 TO TO TO TO 1392 BN.73.uai.cnf 15476 104206 TO TO TO TO 1393 BN.74.erg.cnf 7258 22704 TO TO TO TO 1394 BN.74.uai.cnf 5983 41149 TO TO TO TO 1395 BN.75.erg.cnf 16103 22995 TO TO TO TO 1396 BN.75.uai.cnf	1384	BN_6.erg.cnf	4164	4039			ТО	TO
1387 BN_71.erg.cnf 14399 24689 TO TO TO TO 1388 BN_71.uai.cnf 13308 87804 TO TO TO TO 1389 BN_72.erg.cnf 23132 37169 TO TO TO TO 1390 BN_72.uai.cnf 16550 109159 TO TO TO TO 1391 BN_73.erg.cnf 22067 45725 TO TO TO TO 1392 BN_73.uai.cnf 15476 104206 TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO 1394 BN_74.erg.cnf 5983 41149 TO TO TO TO 1395 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO 1397 BN_76.erg.cnf	1385		16551	19189				
1388 BN_71.uai.cnf 13308 87804 TO TO TO TO 1389 BN_72.erg.cnf 23132 37169 TO TO TO TO 1390 BN_72.uai.cnf 16550 109159 TO TO TO TO 1391 BN_73.erg.cnf 22067 45725 TO TO TO TO 1392 BN_73.uai.cnf 15476 104206 TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO 1394 BN_74.uai.cnf 5983 41149 TO TO TO TO 1395 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO 1397 BN_76.erg.cnf 23041 48105 TO TO TO TO	1386	BN_70.uai.cnf	15223	100519			_	
1389 BN_72.erg.cnf 23132 37169 TO TO TO TO 1390 BN_72.uai.cnf 16550 109159 TO TO TO TO 1391 BN_73.erg.cnf 22067 45725 TO TO TO TO 1392 BN_73.uai.cnf 15476 104206 TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO 1394 BN_74.uai.cnf 5983 41149 TO TO TO TO 1395 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO 1397 BN_76.erg.cnf 23041 48105 TO TO TO TO	I							
1390 BN_72.uai.cnf 16550 109159 TO TO TO TO 1391 BN_73.erg.cnf 22067 45725 TO TO TO TO 1392 BN_73.uai.cnf 15476 104206 TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO 1394 BN_74.uai.cnf 5983 41149 TO TO TO TO 1395 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO 1397 BN_76.erg.cnf 23041 48105 TO TO TO TO								
1391 BN_73.erg.cnf 22067 45725 TO TO TO TO 1392 BN_73.uai.cnf 15476 104206 TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO 1394 BN_74.uai.cnf 5983 41149 TO TO TO TO 1395 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO 1397 BN_76.erg.cnf 23041 48105 TO TO TO TO	I							
1392 BN_73.uai.cnf 15476 104206 TO TO TO TO 1393 BN_74.erg.cnf 7258 22704 TO TO TO TO 1394 BN_74.uai.cnf 5983 41149 TO TO TO TO 1395 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO 1397 BN_76.erg.cnf 23041 48105 TO TO TO TO	I						_	
1393 BN_74.erg.cnf 7258 22704 TO TO TO TO 1394 BN_74.uai.cnf 5983 41149 TO TO TO TO 1395 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO 1397 BN_76.erg.cnf 23041 48105 TO TO TO TO	1391		22067	45725				
1394 BN_74.uai.cnf 5983 41149 TO TO TO TO 1395 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO 1397 BN_76.erg.cnf 23041 48105 TO TO TO TO	1392	BN_73.uai.cnf	15476	104206				
1395 BN_75.erg.cnf 16103 22995 TO TO TO TO 1396 BN_75.uai.cnf 12800 86972 TO TO TO TO 1397 BN_76.erg.cnf 23041 48105 TO TO TO TO	I							
1396 BN_75.uai.cnf 12800 86972 TO TO TO 1397 BN_76.erg.cnf 23041 48105 TO TO TO TO	I							
1397 BN_76.erg.cnf 23041 48105 TO TO TO TO	I		16103					
	I							
1398 BN_76.uai.cnf 18518 132833 TO TO TO TO	I							
	1398	BN_76.uai.cnf	18518	132833	ТО	ТО	ТО	ТО

1399 BN.7.erg.cnf	S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1401 BN.81.erg.cnf 16327 43098 TO TO TO TO 1402 BN.82.erg.cnf 16944 45421 TO TO TO TO TO TO 1403 BN.84.erg.cnf 16333 43091 TO TO TO TO TO 1404 BN.86.erg.cnf 8538 527982 TO TO TO TO TO 1405 BN.87.erg.cnf 8650 564969 TO TO TO TO TO 1406 BN.88.erg.cnf 8618 562493 TO TO TO TO TO 1407 BN.89.erg.cnf 8678 548417 TO TO TO TO TO 1408 BN.80.erg.cnf 8678 548417 TO TO TO TO TO 1409 BN.90.erg.cnf 8660 549719 TO TO TO TO TO 1410 BN.91.erg.cnf 8674 565134 TO TO TO TO TO 1411 BN.92.erg.cnf 8692 565292 TO TO TO TO TO 1412 BN.93.erg.cnf 68990 427285 TO TO TO TO TO 1413 BN.94.erg.cnf 68990 427285 TO TO TO TO TO 1414 BN.95.erg.cnf 69011 427285 TO TO TO TO TO 1416 BN.97.erg.cnf 17500 23487 TO TO TO TO 1416 BN.97.erg.cnf 17500 23487 TO TO TO TO 1417 BN.98.erg.cnf 45700 63982 TO TO TO TO 1418 BN.99.erg.cnf 1368 1263 TO TO TO TO 1419 BN.99.erg.cnf 1368 1263 TO TO TO TO 1420 bwt4ac.wesp.uai.cnf 55920 357020 TO TO TO TO 1422 circuit.3bitadd.31.enf 649 1110 TO TO TO TO 1423 circuit.2bitadd.12.cnf 708 1210 TO TO TO TO 1424 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO TO 1425 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO TO 1426 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO TO 1427 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO TO 1428 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO TO 1427 circuit.2bitadd.1cnf 4498 83902 TO TO TO TO TO 1427 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO TO TO 1428 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO TO TO 1429 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO TO TO	1399	$\mathrm{BN}_{\text{-}}77.\mathrm{erg.cnf}$	14915	27243		ТО		
1402 BN.82.erg.cnf 16944 45421 TO TO TO TO 1403 BN.84.erg.cnf 16393 43091 TO TO TO TO 1404 BN.86.erg.cnf 8538 527982 TO TO TO 1405 BN.87.erg.cnf 8650 564969 TO TO TO 1406 BN.88.erg.cnf 8618 562493 TO TO TO 1407 BN.89.erg.cnf 8678 564417 TO TO TO 1408 BN.8.erg.cnf 1724 1624 TO TO TO TO 1409 BN.90.erg.cnf 8669 549719 TO TO TO 1410 BN.91.erg.cnf 8674 565134 TO TO TO TO 1411 BN.92.erg.cnf 8692 565292 TO TO TO TO 1412 BN.93.erg.cnf 8632 563531 TO TO TO TO 1413 BN.94.erg.cnf 68990 427285 TO TO TO TO 1414 BN.95.erg.cnf 17500 23487 TO TO TO TO 1415 BN.96.erg.cnf 17500 23487 TO TO TO TO 1416 BN.97.erg.cnf 45700 63982 TO TO TO TO 1418 BN.99.erg.cnf 1368 1263 TO TO TO TO 1419 BN.9.erg.cnf 1368 1263 TO TO TO TO 1420 bwt4ac.wesp.uai.cnf 14717 72101 TO TO TO 1421 bwt5ac.wesp.uai.cnf 14717 72101 TO TO TO 1422 circuit.2bitadd.11.enf 649 1110 TO TO TO TO 1423 circuit.2bitadd.32.enf 8704 24323 TO TO TO TO 1426 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO 1427 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO 1428 circuit.3bitadd.32.enf 8704 24323 TO TO TO TO 1429 circuit.2bis.cnf 5456 5457 5458	1400	BN_7.erg.cnf	1762	1667			ТО	
1403 BN_84.erg.cnf 16393 43091 TO TO TO TO 1404 BN_86.erg.cnf 8538 527982 TO TO TO TO 1405 BN_87.erg.cnf 8650 564969 TO TO TO 1406 BN_88.erg.cnf 8618 562493 TO TO TO 1407 BN_89.erg.cnf 8678 548417 TO TO TO 1408 BN_8.erg.cnf 8678 548417 TO TO TO 1409 BN_90.erg.cnf 8690 549719 TO TO TO 1410 BN_91.erg.cnf 8674 565134 TO TO TO 1411 BN_92.erg.cnf 8692 565292 TO TO TO 1412 BN_93.erg.cnf 8692 565292 TO TO TO 1413 BN_94.erg.cnf 6890 427285 TO TO TO 1414 BN_95.erg.cnf 6890 427285 TO TO TO 1415 BN_96.erg.cnf 69011 427285 TO TO TO 1416 BN_97.erg.cnf 17500 23487 TO TO TO 1417 BN_98.erg.cnf 45740 63982 TO TO TO TO 1418 BN_99.erg.cnf 45346 63982 TO TO TO TO 1419 BN_99.erg.cnf 1368 1263 TO TO TO TO 1420 bwt4ac.wesp.uai.cnf 14717 72101 TO TO TO 1421 bwt5ac.wesp.uai.cnf 55920 357020 TO TO TO TO 1422 circuit.2bitadd.11.cnf 649 1110 TO TO TO TO 1424 circuit.3bitadd.31.cnf 8432 23557 TO TO TO TO 1425 circuit.2bitadd.12.cnf 708 1210 TO TO TO 1426 circuit.3bitadd.31.cnf 8432 23557 TO TO TO TO 1427 circuit.2bitadd.12.cnf 708 1210 TO TO TO 1428 circuit.29is.c.nf 555 1159 TO 83.04 5.23 TO 1429 circuit.25bis.c.nf 555 1159 TO 83.04 5.23 TO 1429 circuit.25bis.c.nf 555 1159 TO 83.04 5.23 TO 1430 circuit.280.gr.rcs.w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 cpc.y22b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1433 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1434 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1432 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1432 CSP.11.uai.cnf	I I		16327					
1404 BN.86.erg.cnf 8538 527982 TO TO TO TO TO 1405 BN.87.erg.cnf 8650 564969 TO TO TO TO TO TO 1406 BN.88.erg.cnf 8618 562493 TO TO TO TO TO TO TO T	1402	BN_82.erg.cnf	16944	45421	ТО		ТО	ТО
1405 BN.87.erg.cnf 8650 564969 TO TO TO TO TO 1406 BN.88.erg.cnf 8618 562493 TO TO TO TO TO TO 1407 BN.89.erg.cnf 8678 548417 TO TO TO TO TO TO 1408 BN.8.erg.cnf 1724 1624 TO TO TO TO TO TO TO 1409 BN.90.erg.cnf 8690 549719 TO TO TO TO TO TO TO T	1403	BN_84.erg.cnf	16393	43091			ТО	ТО
1406 BN.88.erg.cnf 8618 562493 TO TO TO TO 1407 BN.89.erg.cnf 8678 548417 TO TO TO TO 1408 BN.8.erg.cnf 1724 1624 TO TO TO 1409 BN.90.erg.cnf 8690 549719 TO TO TO 1410 BN.91.erg.cnf 8674 565134 TO TO TO 1411 BN.92.erg.cnf 8692 565292 TO TO TO 1412 BN.93.erg.cnf 8632 563531 TO TO TO 1413 BN.94.erg.cnf 68990 427285 TO TO TO 1414 BN.95.erg.cnf 69011 427285 TO TO TO 1415 BN.96.erg.cnf 69011 427285 TO TO TO 1416 BN.97.erg.cnf 17500 23487 TO TO TO 1417 BN.98.erg.cnf 45700 63982 TO TO TO 1418 BN.99.erg.cnf 45346 63982 TO TO TO 1419 BN.9.erg.cnf 14717 72101 TO TO TO 1420 bwt4ac.wcsp.uai.cnf 14717 72101 TO TO TO 1421 bwt5ac.wcsp.uai.cnf 14717 72101 TO TO TO 1422 circuit.2bitadd.11.cnf 649 1110 TO TO TO 1423 circuit.3bitadd.32.cnf 8704 24323 TO TO TO TO 1424 circuit.3bitadd.31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd.31.cnf 8432 23557 TO TO TO TO 1426 circuit.3bitadd.32.cnf 4808 83902 TO TO TO TO 1427 circuit.3bitadd.31.cnf 8432 23557 TO TO TO TO 1428 circuit.3bitadd.32.cnf 555 1159 TO 83.04 5.23 TO 1429 circuit.299.isc.cnf 243 523 TO TO TO TO 1431 cpcs422b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1433 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1434 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1435 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1432 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1433 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1434 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1435 CSP.11.uai.cnf 1126 2478 TO TO TO TO 1436 CSP.11.uai.cnf 1126 2478 TO	1404		8538	527982			ТО	
1407 BN_89.erg.cnf 8678 548417 TO TO TO TO 1408 BN_8.erg.cnf 1724 1624 TO TO TO TO 1409 BN_90.erg.cnf 8690 549719 TO TO TO TO 1410 BN_91.erg.cnf 8690 549719 TO TO TO TO 1411 BN_92.erg.cnf 8692 565292 TO TO TO TO 1412 BN_93.erg.cnf 8632 563531 TO TO TO TO 1413 BN_94.erg.cnf 68990 427285 TO TO TO TO 1414 BN_95.erg.cnf 68990 427285 TO TO TO TO 1415 BN_96.erg.cnf 69911 427285 TO TO TO TO 1416 BN_97.erg.cnf 17500 23487 TO TO TO TO 1417 BN_98.erg.cnf 45700 63982 TO TO TO TO 1418 BN_99.erg.cnf 45346 63982 TO TO TO TO 1419 BN_9.erg.cnf 1368 1263 TO TO TO TO 1420 bwt4ac.wcsp.uai.cnf 14717 72101 TO TO TO 1421 bwt5ac.wcsp.uai.cnf 55920 357020 TO TO TO TO 1422 circuit.2bitadd_11.cnf 649 1110 TO TO TO TO 1423 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1424 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1426 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1427 circuit.2bitadd.11.cnf 649 110 TO TO TO TO 1428 circuit.2bitadd.11.cnf 649 34922 TO TO TO TO 1429 circuit.2bitadd.11.cnf 5595 159 TO 83.04 5.23 TO 1428 circuit.2bitadd.11.cnf 5492 61745 TO TO TO TO 1430 circuit.280_gr.rcs.w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 Coccate Coccate	1405	BN_87.erg.cnf	8650	564969				
1408 BN.8.erg.enf 1724 1624 TO TO TO TO 1409 BN.90.erg.enf 8690 549719 TO TO TO TO TO TO 1410 BN.91.erg.enf 8692 565292 TO TO TO TO TO TO 1411 BN.92.erg.enf 8692 565292 TO TO TO TO TO TO 1411 BN.92.erg.enf 8692 565292 TO TO TO TO TO TO 1412 BN.93.erg.enf 8632 563531 TO TO TO TO TO TO 1413 BN.94.erg.enf 68990 427285 TO TO TO TO TO TO 1414 BN.95.erg.enf 68990 427285 TO TO TO TO TO TO 1415 BN.96.erg.enf 69011 427285 TO TO TO TO TO TO 1416 BN.97.erg.enf 17500 23487 TO TO TO TO TO 1416 BN.97.erg.enf 17500 23487 TO TO TO TO TO 1417 BN.98.erg.enf 45700 63982 TO TO TO TO TO 1418 BN.99.erg.enf 45346 63982 TO TO TO TO TO 1419 BN.99.erg.enf 1368 1263 TO TO TO TO 1420 bwt4ac.wesp.uai.enf 14717 72101 TO TO TO TO 1422 circuit.2bitadd.11.enf 649 1110 TO TO TO TO 1423 circuit.2bitadd.12.enf 708 1210 TO TO TO TO 1424 circuit.3bitadd.31.enf 8432 23557 TO TO TO TO TO 1425 circuit.3bitadd.32.enf 8704 24323 TO TO TO TO TO 1426 circuit.3bitadd.32.enf 8704 24323 TO TO TO TO TO 1426 circuit.2bys.ex.enf 555 1159 TO 83.04 5.23 TO 1428 circuit.29.g.r.es.w8.shuffled.enf 4080 83902 TO TO TO TO TO 1428 circuit.c455.isc.enf 555 1159 TO 83.04 5.23 TO 1428 circuit.c455.isc.enf 5436 5718 TO TO TO TO TO 1428 circuit.c455.isc.enf 5436 5718 TO TO TO TO TO TO 1429 circuit.c7552.isc.enf 3185 5718 TO TO TO TO TO TO 1431 cycs422b.erg.enf 8580 497228 TO TO TO TO TO TO 1431 cycs422b.erg.enf 8580 497228 TO TO TO TO TO 1431 cycs422b.erg.enf 5550 62478 TO TO TO TO TO 1432 circuit.6460	1406	BN_88.erg.cnf	8618	562493	ТО		ТО	ТО
BN.90.erg.cnf	1407	BN_89.erg.cnf	8678	548417	ТО		ТО	TO
1410 BN_91.erg.enf 8674 565134 TO TO TO TO 1411 BN_92.erg.enf 8692 565292 TO TO TO TO 1412 BN_93.erg.enf 8632 563531 TO TO TO TO 1413 BN_94.erg.enf 68990 427285 TO TO TO TO 1414 BN_95.erg.enf 69901 427285 TO TO TO TO 1415 BN_96.erg.enf 17500 23487 TO TO TO TO 1416 BN_97.erg.enf 17500 23487 TO TO TO TO 1417 BN_98.erg.enf 45700 63982 TO TO TO TO 1418 BN_99.erg.enf 45346 63982 TO TO TO TO 1419 BN_9.erg.enf 1368 1263 TO TO TO 1420 bwt4ac.wesp.uai.enf 14717 72101 TO TO TO 1421 bwt5ac.wesp.uai.enf 14717 72101 TO TO TO 1422 circuit.2bitadd_11.enf 649 1110 TO TO TO 1423 circuit.2bitadd_31.enf 8432 23557 TO TO TO TO 1424 circuit.3bitadd_31.enf 8432 23557 TO TO TO TO 1425 circuit.3bitadd_32.enf 8704 24323 TO TO TO TO 1426 circuit.3bitadd_32.enf 8704 24323 TO TO TO TO 1427 circuit.61355.isc.enf 555 1159 TO 83.04 5.23 TO 1428 circuit.6299.isc.enf 243 523 TO TO TO TO 1430 circuit.680.gr.res.w8.shuffled.enf 4980 83902 TO TO TO TO 1431 cpcs422b.erg.enf 8580 497228 TO TO TO TO 1432 CSP.11.uai.enf 1126 2478 TO TO TO TO 1433 CSP.11.uai.enf 1126 2478 TO TO TO TO 1434 CSP.11.uai.enf 1450 4500 4500 4500 4500 1430 CSP.11.uai.enf 1450 2478 TO TO TO TO 1431 CSP.11.uai.enf 1126 2478 TO TO TO 1432 CSP.11.uai.enf 1126 2478 TO TO TO TO 1432 CSP.11.uai.enf 1126 2478 TO TO TO TO 1433 CSP.11.uai.enf 1126 2478 TO TO TO TO 1434 CSP.11.uai.enf 1126 2478 TO TO TO TO 1435 CSP.11.uai.enf 1126 2478 TO TO TO TO 1436 CSP.11.uai.enf 1126 2478 TO TO TO TO 1437 CSP.11.uai.enf 1126 2478 TO	1408	$\mathrm{BN}_8.\mathrm{erg.cnf}$	1724	1624				
1411 BN.92.erg.cnf 8692 565292 TO TO TO TO 1412 BN.93.erg.cnf 8632 563531 TO TO TO TO 1413 BN.94.erg.cnf 68990 427285 TO TO TO TO 1414 BN.95.erg.cnf 69911 427285 TO TO TO TO 1415 BN.96.erg.cnf 17500 23487 TO TO TO TO 1416 BN.97.erg.cnf 17500 23487 TO TO TO TO 1417 BN.98.erg.cnf 45700 63982 TO TO TO TO 1418 BN.99.erg.cnf 45346 63982 TO TO TO TO 1419 BN.9.erg.cnf 1368 1263 TO TO TO TO 1420 bwt4ac.wcsp.uai.cnf 14717 72101 TO TO TO TO TO TO TO <	1409	BN_90.erg.cnf	8690	549719	ТО		ТО	TO
1412 BN_93.erg.cnf 8632 563531 TO TO TO TO 1413 BN_94.erg.cnf 68990 427285 TO TO TO TO 1414 BN_95.erg.cnf 69911 427285 TO TO TO TO 1415 BN_96.erg.cnf 17500 23487 TO TO TO TO 1416 BN_97.erg.cnf 17500 23487 TO TO TO TO 1417 BN_98.erg.cnf 45700 63982 TO TO TO TO 1418 BN_99.erg.cnf 45700 63982 TO TO TO TO 1419 BN_9.erg.cnf 45346 63982 TO TO TO TO 1420 bwt4ac.wcsp.uai.cnf 14717 72101 TO TO TO 1421 bwt5ac.wcsp.uai.cnf 14717 72101 TO TO TO 1422 circuit.2bitadd_11.cnf 649 1110 TO TO TO 1423 circuit.2bitadd_12.cnf 708 1210 TO TO TO 1424 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1426 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1427 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1428 circuit.499.isc.cnf 555 1159 TO 83.04 5.23 TO 1429 circuit.c499.isc.cnf 243 523 TO TO TO TO 1431 circuit.c80.gr.rcs.w7.shuffled.cnf 4592 61745 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO 1433 CSP_11.uai.cnf 1126 2478 TO TO TO TO 1434 CSP_11.uai.cnf 1126 2478 TO TO TO TO 1435 CSP_11.uai.cnf 1126 2478 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO 1433 TO TO TO TO TO 1434 CSP_11.uai.cnf 1126 2478 TO TO TO TO 1435 CSP_11.uai.cnf 1126 2478 TO TO TO TO 1436 CSP_11.uai.cnf 1126 2478 TO TO TO TO 1437 TO TO TO TO TO 1438 TO TO TO TO TO 1439 TO TO TO TO TO TO 1430 TO TO TO TO TO TO 1431 TO TO TO TO TO TO	1410		8674	565134	ТО		ТО	TO
1413 BN_94.erg.cnf 68990 427285 TO TO TO TO 1414 BN_95.erg.cnf 69011 427285 TO TO TO TO 1415 BN_96.erg.cnf 17500 23487 TO TO TO TO 1416 BN_97.erg.cnf 17500 23487 TO TO TO TO 1417 BN_98.erg.cnf 45700 63982 TO TO TO TO 1418 BN_99.erg.cnf 45346 63982 TO TO TO TO 1419 BN_9.erg.cnf 1368 1263 TO TO TO TO 1419 BN_9.erg.cnf 1368 1263 TO TO TO TO 14210 bwt4ac.wesp.uai.cnf 14717 72101 TO TO TO TO 1422 circuit.2bitadd_11.cnf 649 1110 TO TO TO TO TO TO TO	1411		8692	565292	ТО		ТО	TO
1414 BN.95.erg.cnf 69011 427285 TO TO TO 1415 BN.96.erg.cnf 17500 23487 TO TO TO 1416 BN.97.erg.cnf 17500 23487 TO TO TO 1417 BN.98.erg.cnf 45700 63982 TO TO TO 1418 BN.99.erg.cnf 45346 63982 TO TO TO 1419 BN.9erg.cnf 1368 1263 TO TO TO 1420 bwt4ac.wesp.uai.cnf 14717 72101 TO TO TO 1421 bwt5ac.wesp.uai.cnf 55920 357020 TO TO TO 1422 circuit.2bitadd.11.cnf 649 1110 TO TO TO 1423 circuit.2bitadd.11.cnf 649 1110 TO TO TO 1424 circuit.3bitadd.31.cnf 8432 23557 TO TO TO TO 1425	1412	BN_93.erg.cnf	8632	563531	ТО	ТО	ТО	ТО
1415 BN.96.erg.cnf 17500 23487 TO TO TO 1416 BN.97.erg.cnf 17500 23487 TO TO TO 1417 BN.98.erg.cnf 45700 63982 TO TO TO 1418 BN.99.erg.cnf 45346 63982 TO TO TO 1419 BN.9.erg.cnf 1368 1263 TO TO TO 1420 bwt4ac.wesp.uai.cnf 14717 72101 TO TO TO 1421 bwt5ac.wesp.uai.cnf 55920 357020 TO TO TO 1422 circuit.2bitadd.11.cnf 649 1110 TO TO TO 1423 circuit.2bitadd.12.cnf 708 1210 TO TO TO 1424 circuit.3bitadd.31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd.32.cnf 8704 24323 TO TO TO TO	1413	BN_94.erg.cnf	68990	427285	ТО	ТО	ТО	TO
1416 BN-97.erg.cnf 17500 23487 TO TO TO TO 1417 BN-98.erg.cnf 45700 63982 TO TO TO TO 1418 BN-99.erg.cnf 45346 63982 TO TO TO TO 1419 BN-9.erg.cnf 1368 1263 TO TO TO TO 1420 bwt4ac.wcsp.uai.cnf 14717 72101 TO TO TO TO 1421 bwt5ac.wcsp.uai.cnf 55920 357020 TO TO TO TO 1422 circuit.2bitadd.11.cnf 649 1110 TO TO TO TO 1423 circuit.2bitadd.12.cnf 708 1210 TO TO TO TO 1424 circuit.3bitadd.31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd.32.cnf 8704 24323 TO TO TO TO TO <t< td=""><td>1414</td><td>BN_95.erg.cnf</td><td>69011</td><td>427285</td><td>ТО</td><td>ТО</td><td>ТО</td><td>TO</td></t<>	1414	BN_95.erg.cnf	69011	427285	ТО	ТО	ТО	TO
1417 BN_98.erg.cnf 45700 63982 TO TO TO TO 1418 BN_99.erg.cnf 45346 63982 TO TO TO TO 1419 BN_9.erg.cnf 1368 1263 TO TO TO TO 1420 bwt4ac.wcsp.uai.cnf 14717 72101 TO TO TO TO 1421 bwt5ac.wcsp.uai.cnf 55920 357020 TO TO TO TO 1422 circuit.2bitadd_11.cnf 649 1110 TO TO TO TO 1423 circuit.2bitadd_12.cnf 708 1210 TO TO TO TO 1424 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1426 circuit.alu2_gr_rcs_w8.shuffled.cnf 4080 83902 TO TO TO TO <	1415	$\mathrm{BN}_96.\mathrm{erg.cnf}$	17500	23487	ТО	ТО	ТО	TO
1418 BN_99.erg,cnf 45346 63982 TO TO TO TO 1419 BN_9.erg,cnf 1368 1263 TO TO TO TO 1420 bwt4ac.wcsp.uai.cnf 14717 72101 TO TO TO TO 1421 bwt5ac.wcsp.uai.cnf 55920 357020 TO TO TO TO 1422 circuit.2bitadd_11.cnf 649 1110 TO TO TO TO 1423 circuit.2bitadd_12.cnf 708 1210 TO TO TO TO 1424 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1426 circuit.alu2_gr_rcs_w8.shuffled.cnf 4080 83902 TO TO TO TO 1427 circuit.c499.isc.cnf 555 1159 TO 83.04 5.23 TO </td <td>1416</td> <td>BN_97.erg.cnf</td> <td>17500</td> <td>23487</td> <td>ТО</td> <td></td> <td>ТО</td> <td>TO</td>	1416	BN_97.erg.cnf	17500	23487	ТО		ТО	TO
1419 BN_9.erg.cnf 1368 1263 TO TO TO TO 1420 bwt4ac.wcsp.uai.cnf 14717 72101 TO TO TO TO 1421 bwt5ac.wcsp.uai.cnf 55920 357020 TO TO TO TO 1422 circuit.2bitadd_11.cnf 649 1110 TO TO TO TO 1423 circuit.2bitadd_12.cnf 708 1210 TO TO TO TO 1424 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1426 circuit.alu2_gr_rcs_w8.shuffled.cnf 4080 83902 TO TO TO TO 1427 circuit.c1355.isc.cnf 555 1159 TO 83.04 5.23 TO 1428 circuit.c499.isc.cnf 243 523 TO 3.82 1.38 TO <td>1417</td> <td>$\mathrm{BN}_98.\mathrm{erg.cnf}$</td> <td>45700</td> <td>63982</td> <td>ТО</td> <td></td> <td>ТО</td> <td>TO</td>	1417	$\mathrm{BN}_98.\mathrm{erg.cnf}$	45700	63982	ТО		ТО	TO
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1421 bwt5ac.wcsp.uai.cnf 55920 357020 TO TO TO TO 1422 circuit.2bitadd_11.cnf 649 1110 TO TO TO TO 1423 circuit.2bitadd_12.cnf 708 1210 TO TO TO TO 1424 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1426 circuit.alu2_gr_rcs_w8.shuffled.cnf 4080 83902 TO TO TO TO 1427 circuit.c1355.isc.cnf 555 1159 TO 83.04 5.23 TO 1428 circuit.c499.isc.cnf 243 523 TO 3.82 1.38 TO 1429 circuit.c7552.isc.cnf 3185 5718 TO TO TO TO 1430 circuit.c880_gr_rcs_w7.shuffled.cnf 4592 61745 TO TO TO	1419	BN_9.erg.cnf	1368	1263	ТО	ТО	ТО	ТО
1422 circuit.2bitadd_11.cnf 649 1110 TO TO TO TO 1423 circuit.2bitadd_12.cnf 708 1210 TO TO TO TO 1424 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1426 circuit.alu2_gr_rcs_w8.shuffled.cnf 4080 83902 TO TO TO TO 1427 circuit.c1355.isc.cnf 555 1159 TO 83.04 5.23 TO 1428 circuit.c499.isc.cnf 243 523 TO 3.82 1.38 TO 1429 circuit.c499.isc.cnf 3185 5718 TO TO 232.25 TO 1430 circuit.c880_gr_rcs_w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 cpcs422b.erg.cnf 8580 497228 TO TO TO<	1420	bwt4ac.wcsp.uai.cnf	14717	72101	ТО		ТО	ТО
1423 circuit.2bitadd_12.cnf 708 1210 TO TO TO TO 1424 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1426 circuit.alu2_gr_rcs_w8.shuffled.cnf 4080 83902 TO TO TO TO 1427 circuit.c1355.isc.cnf 555 1159 TO 83.04 5.23 TO 1428 circuit.c499.isc.cnf 243 523 TO 3.82 1.38 TO 1429 circuit.c499.isc.cnf 3185 5718 TO TO 232.25 TO 1430 circuit.c880_gr_rcs_w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 cpcs422b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO	1421	bwt5ac.wcsp.uai.cnf	55920	357020			ТО	ТО
1424 circuit.3bitadd_31.cnf 8432 23557 TO TO TO TO 1425 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1426 circuit.alu2_gr_rcs_w8.shuffled.cnf 4080 83902 TO TO TO TO 1427 circuit.c1355.isc.cnf 555 1159 TO 83.04 5.23 TO 1428 circuit.c499.isc.cnf 243 523 TO 3.82 1.38 TO 1429 circuit.c7552.isc.cnf 3185 5718 TO TO 232.25 TO 1430 circuit.c880_gr_rcs_w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 cpcs422b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO	1422	circuit.2bitadd_11.cnf	649	1110			ТО	
1425 circuit.3bitadd_32.cnf 8704 24323 TO TO TO TO 1426 circuit.alu2_gr_rcs_w8.shuffled.cnf 4080 83902 TO TO TO TO 1427 circuit.c1355.isc.cnf 555 1159 TO 83.04 5.23 TO 1428 circuit.c499.isc.cnf 243 523 TO 3.82 1.38 TO 1429 circuit.c7552.isc.cnf 3185 5718 TO TO 232.25 TO 1430 circuit.c880_gr_rcs_w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 cpcs422b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO	1423	$circuit.2bitadd_12.cnf$	708	1210			ТО	ТО
1426 circuit.alu2_gr_rcs_w8.shuffled.cnf 4080 83902 TO TO TO TO 1427 circuit.c1355.isc.cnf 555 1159 TO 83.04 5.23 TO 1428 circuit.c499.isc.cnf 243 523 TO 3.82 1.38 TO 1429 circuit.c7552.isc.cnf 3185 5718 TO TO 232.25 TO 1430 circuit.c880_gr_rcs_w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 cpcs422b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO	1424	circuit.3bitadd_31.cnf	8432	23557			ТО	ТО
1427 circuit.c1355.isc.cnf 555 1159 TO 83.04 5.23 TO 1428 circuit.c499.isc.cnf 243 523 TO 3.82 1.38 TO 1429 circuit.c7552.isc.cnf 3185 5718 TO TO 232.25 TO 1430 circuit.c880_gr_rcs_w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 cpcs422b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO	1425						_	
1428 circuit.c499.isc.cnf 243 523 TO 3.82 1.38 TO 1429 circuit.c7552.isc.cnf 3185 5718 TO TO 232.25 TO 1430 circuit.c880_gr_rcs_w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 cpcs422b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO	1426			83902			ТО	
1429 circuit.c7552.isc.cnf 3185 5718 TO TO 232.25 TO 1430 circuit.c880_gr_rcs_w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 cpcs422b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO	1427		555	1159		83.04		
1430 circuit.c880_gr_rcs_w7.shuffled.cnf 4592 61745 TO TO TO TO 1431 cpcs422b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO	1428		243				1.38	
1431 cpcs422b.erg.cnf 8580 497228 TO TO TO TO 1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO	I I							
1432 CSP_11.uai.cnf 1126 2478 TO TO TO TO	1430	$circuit.c880_gr_rcs_w7.shuffled.cnf$	4592	61745				
	1431		8580	497228				
1433 CSP_13.uai.cnf 1678 3333 TO TO TO TO	1432							
	1433	CSP_13.uai.cnf	1678	3333	ТО	ТО	ТО	ТО

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1434	DSJC125.1.4.wcsp.uai.cnf	1972	12651	ТО	ТО	ТО	TO
1435	elephant_rescaled_1002.K10.F1.5.model.uai.cnf	15961	18420	ТО	ТО	ТО	TO
1436	elephant_rescaled_1002.K15.F1.25.model.uai.cnf	32099	37695	ТО	ТО	ТО	TO
1437	graph05.wcsp.uai.cnf	5776	1379420	ТО	ТО	ТО	TO
1438	graph06.wcsp.uai.cnf	11482	2857369	ТО	ТО	ТО	ТО
1439	graph11.wcsp.uai.cnf	19654	4978696	ТО	ТО	ТО	TO
1440	graph13.wcsp.uai.cnf	27218	7283222	ТО	ТО	ТО	ТО
1441	grid10x10.f10.uai.cnf	760	1020	ТО	252.04	ТО	ТО
1442	Grids_12.uai.cnf	760	1020	ТО	254.30	ТО	TO
1443	Grids_15.uai.cnf	3120	4240	ТО	ТО	ТО	ТО
1444	Grids_16.uai.cnf	3120	4240	ТО	ТО	ТО	TO
1445	Grids_17.uai.cnf	3120	4240	ТО	ТО	ТО	ТО
1446	Grids_18.uai.cnf	3120	4240	ТО	ТО	ТО	ТО
1447	Grids_19.uai.cnf	12800	17600	ТО	ТО	ТО	ТО
1448	Grids_20.uai.cnf	50880	69760	ТО	ТО	ТО	TO
1449	Grids_21.uai.cnf	12800	17600	ТО	ТО	ТО	TO
1450	Grids_22.uai.cnf	12800	17600	ТО	ТО	ТО	TO
1451	Grids_23.uai.cnf	12640	17280	ТО	ТО	ТО	TO
1452	Grids_24.uai.cnf	12640	17280	ТО	ТО	ТО	TO
1453	Grids_25.uai.cnf	12640	17280	ТО	ТО	ТО	ТО
1454	Grids_26.uai.cnf	3200	4400	ТО	ТО	ТО	TO
1455	Grids_27.uai.cnf	12640	17280	ТО	ТО	ТО	ТО
1456	Grids_28.uai.cnf	3200	4400	ТО	ТО	ТО	ТО
1457	Grids_29.uai.cnf	3200	4400	ТО	ТО	ТО	TO
1458	Grids_30.uai.cnf	3120	4240	ТО	ТО	ТО	ТО
1459	Handmade.20_rd_r45.cnf	190	20349	ТО	ТО	ТО	ТО
1460	Handmade.23_rd_r45.cnf	253	42504	ТО	ТО	ТО	ТО
1461	Handmade.5_100_sd_schur.cnf	500	12169	ТО	ТО	ТО	ТО
1462	Handmade.fphp-010-020.cnf	200	2810	101.04	ТО	ТО	ТО
1463	Handmade.fphp-015-020.cnf	300	4965	ТО	ТО	ТО	ТО
1464	Handmade.lang15.cnf	1024	12594	ТО	ТО	ТО	ТО
1465	Handmade.lang16.cnf	1024	12594	ТО	ТО	ТО	ТО
1466	Handmade.lang19.cnf	1444	21510	ТО	ТО	ТО	ТО
1467	Handmade.lang20.cnf	1600	25222	ТО	ТО	ТО	ТО
1468	Handmade.lang23.cnf	2116	38872	ТО	ТО	ТО	ТО

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1469	Handmade.lang24.cnf	2304	44330	ТО	ТО	TO	TO
1470	Handmade.lang27.cnf	2916	63722	ТО	ТО	ТО	TO
1471	Handmade.lang28.cnf	3136	71262	ТО	ТО	ТО	TO
1472	Handmade.ls10-normalized.cnf	657	4761	ТО	ТО	ТО	ТО
1473	Handmade.ls11-normalized.cnf	910	7480	ТО	ТО	ТО	ТО
1474	Handmade.ls12-normalized.cnf	1221	11231	ТО	ТО	ТО	ТО
1475	Handmade.ls13-normalized.cnf	1596	16248	ТО	ТО	ТО	ТО
1476	Handmade.ls14-normalized.cnf	2041	22789	ТО	ТО	ТО	ТО
1477	Handmade.ls15-normalized.cnf	2562	31136	ТО	ТО	ТО	TO
1478	Handmade.ls16-normalized.cnf	3165	41595	ТО	ТО	ТО	TO
1479	Handmade.ls8-normalized.cnf	301	1603	ТО	ТО	ТО	TO
1480	Handmade.ls9-normalized.cnf	456	2864	ТО	ТО	ТО	TO
1481	le450_5a_2.wcsp.uai.cnf	12328	23306	ТО	ТО	ТО	TO
1482	le450_5a_3.wcsp.uai.cnf	12778	53226	ТО	ТО	ТО	TO
1483	le450_5a_4.wcsp.uai.cnf	13228	94574	ТО	ТО	ТО	ТО
1484	llama_rescaled_3006.K10.F1.75.model.uai.cnf	17647	19920	ТО	ТО	ТО	ТО
1485	llama_rescaled_4002.K10.F1.75.model.uai.cnf	17675	19920	ТО	ТО	ТО	TO
1486	logistics.logistics.d.cnf	4713	10171	ТО	ТО	ТО	ТО
1487	min-16s.cnf	2265	4510	ТО	ТО	ТО	TO
1488	min-4s.cnf	573	1126	736.96	ТО	56.59	ТО
1489	myciel5g_3.wcsp.uai.cnf	613	2312	ТО	ТО	ТО	TO
1490	myciel5g_4.wcsp.uai.cnf	660	4105	ТО	ТО	ТО	TO
1491	$ m myciel 5g_5.wcsp.uai.cnf$	707	6417	ТО	ТО	ТО	TO
1492	Network.50-18-4-q.cnf	1548	1468	ТО	ТО	ТО	ТО
1493	Network.50-20-10-q.cnf	1920	1951	ТО	ТО	ТО	ТО
1494	Network.50-20-5-q.cnf	1920	1945	ТО	ТО	ТО	ТО
1495	Network.50-20-7-q.cnf	1920	1882	ТО	ТО	ТО	ТО
1496	Network.75-19-9-q.cnf	1729	1032	ТО	25.64	ТО	ТО
1497	Network.75-21-5-q.cnf	2121	1292	ТО	49.74	ТО	ТО
1498	Network.75-22-2-q.cnf	2332	1558	ТО	303.38	ТО	ТО
1499	Network.75-22-5-q.cnf	2332	1414	ТО	52.15	ТО	TO
1500	Network.75-23-3-q.cnf	2553	1585	ТО	582.91	ТО	TO
1501	Network.75-23-6-q.cnf	2553	1580	ТО	633.11	ТО	ТО
1502	Network.75-23-7-q.cnf	2553	1517	ТО	555.73	ТО	TO
1503	Network.75-24-7-q.cnf	2784	1556	ТО	129.59	ТО	ТО

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1504	Network.75-25-10-q.cnf	3025	1788	ТО	ТО	TO	TO
1505	Network.75-25-2-q.cnf	3025	1853	ТО	365.59	ТО	ТО
1506	Network.75-25-3-q.cnf	3025	1894	ТО	ТО	ТО	TO
1507	Network.75-25-4-q.cnf	3025	1935	ТО	ТО	ТО	TO
1508	Network.75-25-6-q.cnf	3025	1908	ТО	ТО	ТО	ТО
1509	Network.75-25-7-q.cnf	3025	1836	ТО	ТО	ТО	ТО
1510	Network.75-25-8-q.cnf	3025	1921	ТО	ТО	ТО	ТО
1511	Network.75-25-9-q.cnf	3025	1764	ТО	355.29	ТО	ТО
1512	Network.75-26-10-q.cnf	3276	2036	ТО	248.85	ТО	ТО
1513	Network.75-26-1-q.cnf	3276	1868	ТО	271.18	ТО	ТО
1514	Network.75-26-2-q.cnf	3276	1828	ТО	ТО	ТО	ТО
1515	Network.75-26-3-q.cnf	3276	2046	ТО	ТО	ТО	ТО
1516	Network.75-26-4-q.cnf	3276	1771	ТО	187.63	ТО	ТО
1517	Network.75-26-5-q.cnf	3276	2001	ТО	ТО	ТО	ТО
1518	Network.75-26-6-q.cnf	3276	1958	ТО	ТО	ТО	ТО
1519	Network.75-26-7-q.cnf	3276	1830	ТО	277.27	ТО	ТО
1520	Network.75-26-9-q.cnf	3276	2111	ТО	ТО	ТО	ТО
1521	Network.90-34-7-q.cnf	5644	1946	ТО	11.79	ТО	ТО
1522	Network.90-38-10-q.cnf	7068	2402	2682.66	27.64	ТО	TO
1523	Network.90-38-1-q.cnf	7068	2398	ТО	15.22	ТО	TO
1524	Network.90-38-7-q.cnf	7068	2513	ТО	54.55	ТО	TO
1525	Network.90-42-10-q.cnf	8652	3027	ТО	239.85	ТО	TO
1526	Network.90-42-1-q.cnf	8652	3032	ТО	33.51	ТО	TO
1527	Network.90-42-3-q.cnf	8652	3045	ТО	14.11	ТО	TO
1528	Network.90-42-4-q.cnf	8652	2982	ТО	42.23	ТО	ТО
1529	Network.90-42-7-q.cnf	8652	3001	ТО	14.22	ТО	ТО
1530	Network.90-42-8-q.cnf	8652	2955	ТО	67.46	ТО	ТО
1531	Network.90-42-9-q.cnf	8652	2944	ТО	31.39	ТО	TO
1532	Network.90-46-1-q.cnf	10396	3374	ТО	17.44	ТО	TO
1533	Network.90-46-2-q.cnf	10396	3640	ТО	43.59	ТО	ТО
1534	Network.90-46-3-q.cnf	10396	3577	ТО	20.31	ТО	TO
1535	Network.90-46-4-q.cnf	10396	3322	ТО	31.58	ТО	TO
1536	Network.90-46-5-q.cnf	10396	3490	ТО	35.84	ТО	ТО
1537	Network.90-46-6-q.cnf	10396	3549	ТО	30.00	ТО	ТО
1538	Network.90-46-7-q.cnf	10396	3520	ТО	23.05	ТО	ТО

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1539	Network.90-46-8-q.cnf	10396	3469	ТО	11.38	ТО	TO
1540	Network.90-46-9-q.cnf	10396	3293	ТО	34.05	ТО	TO
1541	Network.90-50-10-q.cnf	12300	4316	ТО	89.11	ТО	TO
1542	Network.90-50-1-q.cnf	12300	4268	ТО	313.07	ТО	TO
1543	Network.90-50-3-q.cnf	12300	3889	ТО	13.87	ТО	ТО
1544	Network.90-50-4-q.cnf	12300	3798	ТО	21.02	ТО	TO
1545	Network.90-50-5-q.cnf	12300	3949	ТО	22.58	ТО	ТО
1546	Network.90-50-6-q.cnf	12300	3909	ТО	9.60	ТО	ТО
1547	Network.90-50-9-q.cnf	12300	4179	ТО	184.15	ТО	ТО
1548	Network.fs-07.net.cnf	3710	4718	ТО	ТО	ТО	ТО
1549	Network.fs-10.net.cnf	10220	13470	ТО	ТО	ТО	ТО
1550	Network.fs-13.net.cnf	21788	29276	ТО	ТО	ТО	ТО
1551	Network.fs-16.net.cnf	39872	54288	ТО	ТО	ТО	ТО
1552	Network.fs-19.net.cnf	65930	90554	ТО	ТО	ТО	ТО
1553	Network.fs-22.net.cnf	101420	140250	ТО	ТО	ТО	TO
1554	Network.fs-25.net.cnf	147800	205400	ТО	ТО	ТО	TO
1555	Network.fs-28.net.cnf	206528	288232	ТО	ТО	ТО	ТО
1556	Network.fs-29.net.cnf	229100	320073	ТО	ТО	ТО	ТО
1557	Network.sat-grid-pbl-0025.cnf	650	598	ТО	5.61	ТО	ТО
1558	Network.sat-grid-pbl-0030.cnf	930	663	ТО	0.80	ТО	ТО
1559	or_chain_103.fg.uai.cnf	2640	3316	ТО	ТО	ТО	ТО
1560	or_chain_107.fg.uai.cnf	2546	3076	ТО	903.27	ТО	ТО
1561	or_chain_108.fg.uai.cnf	5458	6754	ТО	ТО	ТО	TO
1562	or_chain_113.fg.uai.cnf	6073	7265	ТО	ТО	ТО	TO
1563	or_chain_117.fg.uai.cnf	8772	10932	ТО	ТО	ТО	ТО
1564	or_chain_119.fg.uai.cnf	4452	5207	ТО	ТО	ТО	ТО
1565	or_chain_11.fg.uai.cnf	3784	4662	ТО	ТО	ТО	ТО
1566	or_chain_124.fg.uai.cnf	6736	8064	ТО	ТО	ТО	ТО
1567	or_chain_128.fg.uai.cnf	2631	3208	ТО	ТО	ТО	ТО
1568	or_chain_129.fg.uai.cnf	4431	5094	ТО	30.80	ТО	ТО
1569	or_chain_135.fg.uai.cnf	7734	9370	ТО	ТО	ТО	ТО
1570	or_chain_140.fg.uai.cnf	5401	6428	ТО	ТО	ТО	ТО
1571	or_chain_141.fg.uai.cnf	2801	3463	ТО	ТО	ТО	ТО
1572	or_chain_151.fg.uai.cnf	8355	10279	ТО	ТО	ТО	ТО
1573	or_chain_161.fg.uai.cnf	3193	3856	ТО	ТО	ТО	ТО

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1574	or_chain_166.fg.uai.cnf	7288	8800	ТО	ТО	ТО	TO
1575	or_chain_169.fg.uai.cnf	4880	5763	ТО	ТО	ТО	TO
1576	or_chain_16.fg.uai.cnf	7216	8944	ТО	ТО	ТО	ТО
1577	or_chain_172.fg.uai.cnf	3059	3756	ТО	ТО	ТО	TO
1578	or_chain_178.fg.uai.cnf	4230	5146	ТО	ТО	ТО	ТО
1579	or_chain_188.fg.uai.cnf	4678	5346	ТО	616.37	ТО	TO
1580	or_chain_190.fg.uai.cnf	4255	4945	ТО	ТО	ТО	ТО
1581	or_chain_191.fg.uai.cnf	3892	4726	ТО	ТО	ТО	ТО
1582	or_chain_195.fg.uai.cnf	4535	5553	ТО	ТО	ТО	ТО
1583	or_chain_198.fg.uai.cnf	2572	3152	ТО	361.50	ТО	ТО
1584	or_chain_199.fg.uai.cnf	3898	4615	ТО	ТО	ТО	ТО
1585	or_chain_202.fg.uai.cnf	4854	5921	ТО	ТО	ТО	ТО
1586	or_chain_206.fg.uai.cnf	2984	3650	ТО	ТО	ТО	ТО
1587	or_chain_208.fg.uai.cnf	3302	4020	ТО	ТО	ТО	ТО
1588	or_chain_209.fg.uai.cnf	3481	4124	ТО	76.69	ТО	ТО
1589	or_chain_211.fg.uai.cnf	2929	3534	ТО	ТО	ТО	ТО
1590	or_chain_216.fg.uai.cnf	6713	8068	ТО	ТО	ТО	ТО
1591	or_chain_226.fg.uai.cnf	3064	3795	ТО	ТО	ТО	ТО
1592	or_chain_22.fg.uai.cnf	4399	5373	ТО	ТО	ТО	ТО
1593	or_chain_230.fg.uai.cnf	5756	6908	ТО	ТО	ТО	ТО
1594	or_chain_242.fg.uai.cnf	2468	3068	ТО	ТО	ТО	ТО
1595	or_chain_246.fg.uai.cnf	3422	4119	ТО	ТО	ТО	ТО
1596	or_chain_24.fg.uai.cnf	4896	6013	ТО	ТО	ТО	ТО
1597	or_chain_25.fg.uai.cnf	4844	5754	ТО	ТО	ТО	ТО
1598	or_chain_32.fg.uai.cnf	6280	7547	ТО	ТО	ТО	ТО
1599	or_chain_36.fg.uai.cnf	3856	4681	ТО	ТО	ТО	ТО
1600	or_chain_39.fg.uai.cnf	7460	9198	ТО	ТО	ТО	ТО
1601	or_chain_40.fg.uai.cnf	4155	5000	ТО	ТО	ТО	ТО
1602	or_chain_41.fg.uai.cnf	8128	10018	ТО	ТО	ТО	ТО
1603	or_chain_43.fg.uai.cnf	7357	8918	ТО	ТО	ТО	ТО
1604	or_chain_50.fg.uai.cnf	2696	3309	ТО	ТО	ТО	ТО
1605	or_chain_60.fg.uai.cnf	8800	10781	ТО	ТО	ТО	ТО
1606	or_chain_62.fg.uai.cnf	4022	4584	ТО	ТО	ТО	ТО
1607	or_chain_63.fg.uai.cnf	3039	3690	ТО	ТО	ТО	ТО
1608	or_chain_6.fg.uai.cnf	8009	9706	ТО	ТО	ТО	ТО

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1609	or_chain_70.fg.uai.cnf	9355	11589	ТО	ТО	TO	TO
1610	or_chain_73.fg.uai.cnf	7202	8825	ТО	ТО	ТО	TO
1611	or_chain_76.fg.uai.cnf	3011	3678	ТО	ТО	ТО	TO
1612	or_chain_78.fg.uai.cnf	2484	3047	ТО	994.59	ТО	TO
1613	or_chain_80.fg.uai.cnf	3549	4408	ТО	ТО	ТО	ТО
1614	or_chain_81.fg.uai.cnf	5755	6850	ТО	ТО	ТО	TO
1615	or_chain_83.fg.uai.cnf	5148	6305	ТО	ТО	ТО	ТО
1616	or_chain_87.fg.uai.cnf	5400	6611	ТО	ТО	ТО	ТО
1617	or_chain_89.fg.uai.cnf	5215	6190	ТО	ТО	ТО	ТО
1618	or_chain_8.fg.uai.cnf	5064	6000	ТО	ТО	ТО	ТО
1619	or_chain_90.fg.uai.cnf	2065	2546	ТО	168.21	ТО	ТО
1620	or_chain_94.fg.uai.cnf	3139	3838	ТО	ТО	ТО	ТО
1621	Promedus_17.uai.cnf	4022	4584	ТО	ТО	ТО	ТО
1622	Promedus_25.uai.cnf	4431	5094	ТО	31.08	ТО	ТО
1623	${\rm queen} 5_5_3. {\rm wcsp.uai.cnf}$	395	1540	ТО	ТО	ТО	ТО
1624	${\rm queen} 5_5_4. {\rm wcsp.uai.cnf}$	420	2735	ТО	ТО	ТО	TO
1625	${\rm random.wff.} 4.100.500.{\rm cnf}$	100	500	ТО	ТО	ТО	ТО
1626	relational_1.uai.cnf	126000	188000	ТО	ТО	ТО	ТО
1627	relational_4.uai.cnf	60800	70600	ТО	ТО	ТО	ТО
1628	rovers02ac.wcsp.uai.cnf	11001	66533	ТО	ТО	ТО	ТО
1629	satellite01ac.wcsp.uai.cnf	15556	103166	ТО	ТО	ТО	ТО
1630	satellite02ac.wcsp.uai.cnf	55631	404105	ТО	ТО	ТО	TO
1631	scen06.wcsp.uai.cnf	6454	2022549	ТО	ТО	ТО	TO
1632	scen07.wcsp.uai.cnf	13306	4273142	ТО	ТО	ТО	TO
1633	Segmentation_11.uai.cnf	2763	3152	ТО	ТО	ТО	ТО
1634	Segmentation_12.uai.cnf	2782	3175	ТО	ТО	ТО	ТО
1635	Segmentation_13.uai.cnf	2881	3293	ТО	ТО	ТО	ТО
1636	Segmentation_14.uai.cnf	2761	3154	ТО	ТО	ТО	ТО
1637	Segmentation_15.uai.cnf	2821	3220	ТО	ТО	ТО	ТО
1638	Segmentation_16.uai.cnf	2823	3225	ТО	ТО	ТО	ТО
1639	Segmentation_17.uai.cnf	150530	322092	ТО	ТО	ТО	ТО
1640	Segmentation_18.uai.cnf	2881	3293	ТО	ТО	ТО	ТО
1641	Segmentation_19.uai.cnf	2784	3180	ТО	ТО	ТО	ТО
1642	Segmentation_20.uai.cnf	156129	333859	ТО	ТО	ТО	ТО
1643	wcsp_11.uai.cnf	11028	27894	ТО	ТО	ТО	ТО

S. no	Benchmark	Vars	Clauses	SharpSAT	D4	ApproxMCv3	ProbsharpSAT
1644	$wcsp_12.uai.cnf$	12348	38010	ТО	ТО	ТО	ТО
1645	wcsp_13.uai.cnf	14717	72101	ТО	ТО	ТО	ТО
1646	wcsp_14.uai.cnf	38585	166958	ТО	ТО	ТО	ТО
1647	wcsp_15.uai.cnf	1972	12651	ТО	ТО	ТО	ТО
1648	wcsp_16.uai.cnf	11482	2857369	ТО	ТО	ТО	ТО
1649	wcsp_17.uai.cnf	19654	4978696	ТО	ТО	ТО	ТО
1650	wcsp_18.uai.cnf	36088	349480	ТО	ТО	ТО	ТО