

All results

Boosting MCSes Enumeration

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#MCS
10tree1001posib.wcnf	46	4305	46	4259	46	3963	46	3348	46	46
10tree1001p.wcnf	33469	4889075	31038	4581399	10346	1401557	11132	1480030	13128	13128
10tree1002posib.wcnf	104	9555	104	9455	104	8758	104	8982	104	104
10tree1002p.wcnf	30299	4374090	29932	4348541	10539	1409717	11499	1517608	12594	12594
10tree1005p.wcnf	35602	5048382	33530	4671039	11408	1457495	11501	1494181	13225	13225
10tree1010p.wcnf	34174	4797816	39360	5572701	11180	1430160	12322	1517728	14210	14210
10tree1015p.wcnf	41577	5768658	40235	5918490	11414	1444914	11992	1566068	17257	17257
10tree101posib.wcnf	934	100165	934	99245	934	92713	934	93082	934	934
10tree101p.wcnf	23805	3267790	28794	4075058	10865	1405657	11269	1431319	12608	12608
10tree1020p.wcnf	42227	5836137	35172	4798380	11134	1431451	13137	1613342	14282	14282
10tree1025p.wcnf	44858	6093407	37358	5277695	11441	1467894	12725	1637043	14404	14404
10tree102posib.wcnf	1936	206307	1936	204414	1936	181444	1936	186551	1936	1936
10tree102p.wcnf	26751	3632155	29496	4130563	11501	1435790	11149	1386282	13315	13315
10tree1030p.wcnf	41549	6014389	38287	5414759	11448	1474559	12851	1650253	13990	13990
10tree105posib.wcnf	35220	4397338	32742	4060565	14111	1476446	13851	1519069	13783	13783
10tree105p.wcnf	32703	4585442	32068	4497562	11952	1501366	11475	1466714	13307	13307
10tree110p.wcnf	35591	5072748	34668	4939578	11751	1506109	12461	1618618	13386	13386
10tree115p.wcnf	39174	5146798	38223	5413077	11317	1488328	12272	1527576	14925	14925
10tree120p.wcnf	38188	5187150	39936	5598363	11447	1473057	12249	1526348	14438	14438
10tree125p.wcnf	41490	5971486	40223	5609685	11260	1460975	12024	1530499	13609	13609
10tree130p.wcnf	44178	6245656	41422	5853795	10907	1417952	12917	1623479	14661	14661
10tree201posib.wcnf	46	4165	46	4115	46	4000	46	3986	46	46
10tree201p.wcnf	32571	4826693	37515	5548613	10807	1472742	13097	1589340	13669	13669
10tree202posib.wcnf	106	9591	106	9489	106	9028	106	8899	106	106
10tree202p.wcnf	30354	4259465	34581	5019288	11140	1451020	11905	1497199	14021	14021
10tree205posib.wcnf	3295	378843	3295	375534	3295	329351	3295	345425	3295	3295
10tree205p.wcnf	35399	5044818	39715	5663600	11799	1472311	12483	1552806	13553	13553
10tree210p.wcnf	44730	6511026	35949	5087885	11655	1474722	11681	1497332	13564	13564
10tree215p.wcnf	44692	6473714	44301	6510823	11155	1419138	12147	1542578	13887	13887
10tree220p.wcnf	36250	4959519	40909	5681029	11001	1402602	11784	1523694	13922	13922
10tree225p.wcnf	45136	6529171	41497	5892824	11672	1484904	12184	1592270	14114	14114
10tree230p.wcnf	41418	5951954	41807	5896593	11348	1461433	12363	1571237	15648	15648
10tree301posib.wcnf	129	11420	129	11296	129	10944	129	10949	129	129
10tree301p.wcnf	26866	3883898	24515	3513159	10219	1357460	11139	1489280	12488	12488
10tree302posib.wcnf	169	15247	169	15075	169	14516	169	14799	169	169
10tree302p.wcnf	22564	3261884	26624	3863850	10215	1363646	10880	1412106	12585	12585
10tree305p.wcnf	39288	5421407	44562	6546039	11163	1425369	11933	1532547	14767	14767
10tree310p.wcnf	36806	5179215	36924	5272782	11680	1508268	12529	1650452	14677	14677
10tree315p.wcnf	45291	6465907	37057	5304457	11372	1472374	12224	1633633	15204	15204
10tree320p.wcnf	44903	6459751	40781	5866743	12014	1528303	12558	1598970	13903	13903
10tree325p.wcnf	47195	6521618	43618	6194827	11049	1413343	12401	1542249	13805	13805
10tree330p.wcnf	46205	6654724	45096	6422830	11613	1475470	12321	1539488	14263	14263
10tree401posib.wcnf	7	365	7	359	7	356	7	357	7	7
10tree401p.wcnf	31144	4651792	28690	4298934	9947	1361029	10833	1473489	12565	12565
10tree402posib.wcnf	7	373	7	367	7	365	7	361	7	7

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls
10tree402p.wcnf	25364	3589315	27273	3973585	9977	1356299	11375	1529085	13055	1529085
10tree405posib.wcnf	44075	5646429	37305	4776373	13413	1489450	13501	1549171	14070	1549171
10tree405p.wcnf	39767	5800707	35605	5163226	11106	1468603	12106	1601197	13567	1601197
10tree410p.wcnf	42729	6203820	37829	5320025	10829	1411232	12616	1621123	14027	1621123
10tree415p.wcnf	38074	5226545	35505	5098297	11113	1431781	12223	1581776	14811	1581776
10tree420p.wcnf	42200	6095868	35518	5065126	11705	1467105	12439	1602882	17810	1602882
10tree425p.wcnf	50073	7286030	42422	6124789	11145	1454819	13897	1686305	16394	1686305
10tree430p.wcnf	46227	6506443	41639	5973543	10758	1408850	11555	1510186	14842	1510186
10tree501posib.wcnf	1	7	1	7	1	6	1	7	1	7
10tree501p.wcnf	35773	5391949	38677	5825321	10345	1408992	12629	1670284	12673	1670284
10tree502posib.wcnf	19	1325	19	1307	19	1264	19	1267	19	1267
10tree502p.wcnf	30264	4343363	29068	4164766	10774	1431293	11250	1500657	13224	1500657
10tree505posib.wcnf	3627	402845	3627	399245	3627	353673	3627	378647	3627	378647
10tree505p.wcnf	33788	4794867	34704	5010314	10731	1427996	11600	1565967	13464	1565967
10tree510p.wcnf	44147	6523908	38985	5843554	11536	1509940	12597	1657104	14143	1657104
10tree515p.wcnf	42661	6238893	38984	5762028	11525	1506884	12567	1631783	14572	1631783
10tree520p.wcnf	39554	5895853	40309	5838697	11627	1515253	13617	1619735	13378	1619735
10tree525p.wcnf	41309	5805122	43700	6445453	11355	1476856	13110	1669146	14768	1669146
10tree530p.wcnf	41238	5580235	38364	5490331	10853	1420807	12512	1603695	14205	1603695
10tree601posib.wcnf	70	6808	70	6740	70	6556	70	6516	70	6516
10tree601p.wcnf	37108	5494200	32991	4948691	10477	1431972	11401	1546150	12183	1546150
10tree602posib.wcnf	131	12703	131	12581	131	12030	131	12296	131	12296
10tree602p.wcnf	28625	4201335	33327	4963898	10514	1415794	12174	1635102	12532	1635102
10tree605posib.wcnf	371	35230	371	34868	371	32870	371	33477	371	33477
10tree605p.wcnf	33778	4731505	32108	4729194	11061	1447414	12349	1634853	13061	1634853
10tree610p.wcnf	36127	5058419	41075	6021070	11663	1492392	12307	1602344	13346	1602344
10tree615p.wcnf	37230	5209450	36771	5329317	11486	1490075	11919	1580534	13542	1580534
10tree620p.wcnf	44291	6066964	38163	5538670	11593	1484265	12092	1550191	13104	1550191
10tree625p.wcnf	44909	6450962	41083	5924994	11581	1471381	13227	1649760	13455	1649760
10tree630p.wcnf	41449	5877644	37475	5346708	11326	1446951	12008	1549190	13641	1549190
10tree701posib.wcnf	127	11550	127	11428	127	10649	127	11101	127	11101
10tree701p.wcnf	26547	3791158	29994	4432127	10344	1372674	12001	1573200	12046	1573200
10tree702posib.wcnf	100	8748	100	8653	100	8129	100	8221	100	8221
10tree702p.wcnf	34716	5042377	35409	5114654	10980	1413173	12499	1567110	12759	1567110
10tree705posib.wcnf	44902	5746151	34678	4373177	13551	1451703	13082	1467877	14241	1467877
10tree705p.wcnf	36591	5336639	39836	5691184	11280	1434277	11844	1510093	13347	1510093
10tree710p.wcnf	36119	5168195	40483	5783467	11701	1470538	12018	1531326	14041	1531326
10tree715p.wcnf	44622	6459766	39408	5515569	11161	1434924	12499	1596550	14952	1596550
10tree720p.wcnf	45446	6659410	38266	5527465	11877	1547382	12625	1663690	15007	1663690
10tree725p.wcnf	44280	6016297	43170	6194175	10928	1405658	11985	1544772	15011	1544772
10tree730p.wcnf	46887	6665484	44992	6401685	11389	1467299	12832	1661467	17903	1661467
10tree801posib.wcnf	1	7	1	7	1	8	1	7	1	7
10tree801p.wcnf	31556	4541569	42050	6262241	10760	1439180	13319	1653916	14024	1653916
10tree802posib.wcnf	46	4128	46	4088	46	3839	46	3819	46	3819
10tree802p.wcnf	34604	5038581	34308	4928293	10728	1406104	12103	1536586	13548	1536586
10tree805posib.wcnf	33246	4135287	31109	3837580	13962	1488461	13578	1491712	13939	1491712

Instance name	#MCS	#SAT	Enum-ELS #SAT Calls	#MCS	#SAT	Enum-ELS-RMR #SAT Calls	#MCS	#SAT	Enum-ELS-Cache #SAT Calls	#MCS	#SAT	Enum-ELS-RMR-Cache #SAT Calls	#MCS	#SAT	Enum-ELS-Cache #SAT Calls	#MCS	#SAT	Enum-ELS-RMR-Cache #SAT Calls	#MCS	#SAT	Enum-ELS-Cache #SAT Calls
10tree805p.wcnf	39437	5477397	33125	4613779	11591	1440233	11795	1518936	14155												
10tree810p.wcnf	32864	4562876	37342	5340067	10924	1382489	11838	1527361	13728												
10tree815p.wcnf	37684	5569227	37490	5506595	11936	1515451	12512	1600185	13382												
10tree820p.wcnf	45663	6635717	37370	5276172	11277	1448570	12174	1549844	14158												
10tree825p.wcnf	37606	5321481	39666	5676641	10992	1427916	12488	1611103	13545												
10tree830p.wcnf	47760	6886202	46672	6770596	10862	1421707	11413	1473877	13704												
10tree901posib.wcnf	37	3209	37	3172	37	3001	37	3018	37												
10tree901p.wcnf	32086	4698668	30224	4372415	10420	1385639	11859	1544417	12633												
10tree902posib.wcnf	99	8945	99	8849	99	8376	99	8500	99												
10tree902p.wcnf	27809	3898033	30395	4373963	10629	1383230	11054	1402886	13266												
10tree905posib.wcnf	3719	399937	3719	396229	3719	340574	3719	368697	3719												
10tree905p.wcnf	32622	4672076	31125	4452482	10907	1408667	11572	1394534	12942												
10tree910p.wcnf	38178	5569753	43008	6213710	11055	1436124	11431	1489991	14061												
10tree915p.wcnf	42989	6303709	40468	5830368	11212	1448384	12094	1577257	15201												
10tree920p.wcnf	46189	6618270	47596	6828804	11479	1466694	12661	1575516	14092												
10tree925p.wcnf	50770	7150341	38602	5523076	11926	1516998	12836	1631010	15323												
10tree930p.wcnf	49441	7093297	48333	6918442	11330	1453655	11889	1504315	14801												
139442p22.cnf.wcnf	15882	53737541	18798	64007269	357139	486435	306274	335261	1613												
139442p23.cnf.wcnf	16719	57511068	20016	68852026	302325	398755	533542	551851	1668												
139442p24.cnf.wcnf	15929	54447903	19238	65759173	340763	436383	304692	325683	1660												
15tree100posib.wcnf	163	109577	160	106804	269	156958	151	101346	277												
15tree100p.wcnf	97	86689	116	104177	166	139376	149	115488	273												
15tree101posib.wcnf	132	86566	157	96342	292	187360	169	99377	283												
15tree101p.wcnf	111	99703	113	104802	182	163342	121	103019	434												
15tree201posib.wcnf	152	101333	141	101559	228	149818	139	98945	366												
15tree201p.wcnf	154	137663	132	114704	171	144780	128	111176	571												
15tree301posib.wcnf	158	98484	172	96727	261	157013	162	89505	350												
15tree301p.wcnf	138	118570	327	285910	135	126034	403	343024	284												
15tree401posib.wcnf	140	91764	151	103090	236	159290	150	101950	465												
15tree401p.wcnf	118	106027	105	94958	201	165470	98	87791	610												
15tree501posib.wcnf	169	94651	167	110295	235	149076	161	106042	508												
15tree501p.wcnf	85	74882	189	167058	162	136328	219	180669	280												
15tree601posib.wcnf	187	121232	153	105154	257	160984	143	96971	245												
15tree601p.wcnf	157	133242	105	97519	145	126310	127	114166	460												
15tree701posib.wcnf	134	84489	156	89685	237	151075	142	83250	262												
15tree701p.wcnf	159	134296	105	97103	166	145800	109	101021	179												
15tree801posib.wcnf	191	108408	222	140009	271	155138	203	126187	280												
15tree801p.wcnf	82	73481	171	152993	179	155110	87	79601	264												
15tree901posib.wcnf	224	117968	217	125173	308	165541	200	112194	322												
15tree901p.wcnf	117	98090	121	90304	170	145674	134	97420	630												
1bpi..2knt..g.wcnf.t.wcnf	56856	3023476	32268	1470799	18199	911544	22775	876453	29935												
1bpi..5pti..g.wcnf.t.wcnf	48087	2847717	62124	2584137	16245	842627	36367	986055	25702												
1knt..1bpi..g.wcnf.t.wcnf	48866	2713797	28157	1405596	17405	900228	20404	889644	14788												
1knt..2knt..g.wcnf.t.wcnf	67131	3042925	53204	2051875	25346	1001669	37074	966978	34538												
1knt..5pti..g.wcnf.t.wcnf	58613	2756463	39691	1538244	19815	847932	25209	835170	30055												
1vii..1cph..g.wcnf.t.wcnf	139	1521	139	1359	139	787	139	714	139												

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#MCS
2dll_cc_mc_ex_bp_f2_bug049.cnf.wcnf	45370	89579623	70131	111727219	441845	600813	755690	887952	3440	
2knt_5pti_g.wcnf.t.wcnf	51585	2613022	41083	1690758	19804	905276	26522	906201	27851	
3ebx_1era_g.wcnf.t.wcnf	52911	2870600	56646	2248598	17010	837592	31980	986637	30339	
3ebx_6ebx_g.wcnf.t.wcnf	42816	1838079	36763	1337507	25811	948436	30015	820868	32299	
4blocksb.cnf.wcnf	4	274	4	271	4	177	4	191	4	
6ebx_1era_g.wcnf.t.wcnf	50147	2118726	37209	1295481	24190	906646	26444	738673	36357	
a328test0003.cnf.wcnf	1	20	1	20	1	19	1	20	1	
a435test0039.cnf.wcnf	1	42	1	42	1	41	1	42	1	
a484test0017.cnf.wcnf	1427420	237003787	1700812	287320658	1785310	4647636	3012002	4460550	415017	
a53test0002.cnf.wcnf	1301868	77975582	1568318	92957973	1659666	6596127	1670789	3556574	1686156	
a58test0007.cnf.wcnf	2147639	128997158	2538093	151910876	1759887	6260520	2493073	4738585	1423366	
a620test0100.cnf.wcnf	154	3244	154	3081	154	308	154	276	154	
a635test0032.cnf.wcnf	4	67	4	64	4	24	4	26	4	
AProVE09-10.cnf.wcnf	884	6945133	2019	8942632	52813	1226357	63465	557302	135	
AProVE09-17.cnf.wcnf	2797	12184291	2803	13635785	47851	5963497	41975	4329437	105	
AProVE09-19.cnf.wcnf	2560	15695037	2382	19576583	92076	1335565	113952	473578	113	
AProVE09-24.cnf.wcnf	548	7870619	909	9591778	41202	1115175	72856	198287	21	
AProVE11-01.cnf.wcnf	61	2151381	77	2503752	191	2778104	287	2849061	2	
AProVE11-02.cnf.wcnf	39	2185569	46	2611835	156	2773404	364	2620920	1	
AProVE11-09.cnf.wcnf	421	6735046	516	8242664	36735	1419263	43258	236148	10	
AProVE11-16.cnf.wcnf	545	6193737	10456	5965585	46076	93719	81735	93117	48	
b188test0002.cnf.wcnf	31	602	31	588	31	92	31	121	31	
brpplneg.cnf.wcnf	54	21089	54	13862	54	450	54	448	54	
brpptomneg.cnf.wcnf	27	8049	27	3678	27	325	27	326	27	
bw_large.b.cnf.wcnf	2	273	2	272	2	146	2	147	2	
ctrl.wcnf	3876	65895	3876	62020	3876	31409	3876	16286	3876	
depots2_ks99i.renamed-as.sat05-3944.cnf.wcnf	111936	18657030	111936	18542200	111936	149064	111936	135028	111936	
depots3_ks99i.shuffled-as.sat05-4011.cnf.wcnf	136192	58492565	136192	58265684	136192	198344	136192	180790	74732	
depots3_ks99i.renamed-as.sat05-3945.cnf.wcnf	120	14162	120	14043	120	3275	120	4578	120	
depots3_ks99i.shuffled-as.sat05-4012.cnf.wcnf	120	62762	120	62643	120	9697	120	11303	120	
dme3p1.cnf.wcnf	417342	206623630	574550	285275381	1523531	1654146	2630475	2635566	313418	
dme3ptimo.cnf.wcnf	444753	195750264	632029	274773375	1648477	1649999	2299214	2301901	498656	
dme3ptimoneg.cnf.wcnf	4	764	4	761	4	197	4	198	4	
dme4ptimoneg.cnf.wcnf	15	3761	15	3657	15	274	15	275	15	
dme5p1neg.cnf.wcnf	6	2041	6	2036	6	357	6	356	6	
dp_12_fsa-b8-s.simpl.cnf.wcnf	143267	151646259	175699	185006347	916079	1493226	1354352	1660093	10974	
dp_12_fsa-b9-p.simpl.cnf.wcnf	138210	147788754	172582	180868965	907540	1554923	1352906	1771195	11491	
driverlog2_v01a.renamed-as.sat05-3961.cnf.wcnf	1211155	73208127	1543556	91761397	1354434	1363100	2211073	2228747	693360	
driverlog2_v01a.shuffled-as.sat05-4028.cnf.wcnf	537104	170484450	667732	210920615	612768	1088913	930048	1191065	128035	
driverlog4_ks99i.shuffled-as.sat05-4021.cnf.wcnf	548290	252054741	657388	301894459	871250	1040308	1352264	1476083	62692	
driverlog4_v01i.shuffled-as.sat05-4033.cnf.wcnf	626608	213466555	783552	265668636	718987	850115	1371606	1462300	110435	

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#MCS
driverlog5_ks99i.renamed-as.sat05-3955.cnf.wcnf	952922	169052021	1160973	205530282	1559195	1793421	2584849	2764525	138284	
driverlog5_ks99i.shuffled-as.sat05-4022.cnf.wcnf	422517	251687707	483790	287679315	957963	1242741	1399388	1570034	35004	
driverlog7_ks99i.renamed-as.sat05-3957.cnf.wcnf	795733	126702190	948890	150301192	914262	990442	1197840	1244266	193298	
driverlog7_ks99i.shuffled-as.sat05-4024.cnf.wcnf	488457	258657348	561049	296237459	897479	1125875	1420481	1585756	51420	
driverlog7_v01a.renamed-as.sat05-3969.cnf.wcnf	934536	57147009	934536	56213561	705361	761444	934536	975253	900156	
driverlog7_v01a.shuffled-as.sat05-4036.cnf.wcnf	539417	125906170	558059	128190184	443141	690832	864646	1013926	259665	
driverlog8_v01a.renamed-as.sat05-3970.cnf.wcnf	1188875	97640256	1416769	115035807	1319611	1351262	2434738	2469162	408902	
driverlog8_v01a.shuffled-as.sat05-4037.cnf.wcnf	526980	214420203	563156	228477936	617204	800548	1228253	1376266	76175	
een-tip-sat-nusmv-t5.B.cnf.wcnf	371	9434565	7160	8970127	47111	172123	57214	82693	7	
ferry6_ks99i.shuffled-as.sat05-4064.cnf.wcnf	720	517922	720	517203	720	8316	720	32514	720	
ferry6_v01i.renamed-as.sat05-3999.cnf.wcnf	720	120242	720	119523	720	19082	720	39189	720	
ferry6_v01i.shuffled-as.sat05-4066.cnf.wcnf	720	340082	720	340083	720	13731	720	27814	720	
ferry7_ks99a.renamed-as.sat05-4000.cnf.wcnf	5040	1204562	5040	1199523	5040	185111	5040	261861	5040	
ferry7_ks99a.shuffled-as.sat05-4067.cnf.wcnf	5040	2514962	5040	2509923	5040	69082	5040	91414	5040	
ferry7_ks99i.renamed-as.sat05-4001.cnf.wcnf	5040	2313362	5040	2308323	5040	152824	5040	491774	5040	
ferry7_ks99i.shuffled-as.sat05-4068.cnf.wcnf	5040	5019122	5040	5014083	5040	25296	5040	306667	5040	
ferry7_v01a.renamed-as.sat05-4002.cnf.wcnf	5040	569522	5040	564483	5040	54443	5040	91621	5040	
ferry7_v01a.shuffled-as.sat05-4069.cnf.wcnf	5040	1617122	5040	1612083	5040	24150	5040	39603	5040	
ferry7_v01i.renamed-as.sat05-4003.cnf.wcnf	5040	1123922	5040	1118883	5040	43955	5040	272486	5040	
ferry7_v01i.shuffled-as.sat05-4070.cnf.wcnf	5040	3219122	5040	3214083	5040	51640	5040	118534	5040	
ferry8_v01a.shuffled-as.sat05-4073.cnf.wcnf	40320	16873922	40320	16833603	40320	173947	40320	307657	40320	
huge-r.cnf.wcnf	1	122	1	122	1	121	1	122	1	
itox_vc1033.cnf.wcnf	101	4090314	24048	2371260	18105	122522	27679	68303	0	
itox_vc1044.cnf.wcnf	116	4355761	24373	2542244	16866	105186	30052	67862	0	
itox_vc1130.cnf.wcnf	74	3542855	24271	1773168	17553	124503	24167	71644	0	
itox_vc1138.cnf.wcnf	67	3640469	20742	1980119	12764	133286	20650	75357	0	
itox_vc909.cnf.wcnf	113	4476966	14976	3499084	17913	193141	28601	67999	0	
mmgt_2.fsa-b8-s.simpl.cnf.wcnf	112	143594	112	143483	112	5563	112	7388	112	
mmgt_3.fsa-b7-s.simpl.cnf.wcnf	48	68218	48	68171	48	8220	48	6128	48	
mmgt_3.fsa-b9-p.simpl.cnf.wcnf	60	76808	60	76749	60	9171	60	9210	60	
mriscc.mem2wire.wcnf	10640	74752	11628	70417	798	4016	11628	16477	11628	
normalized-5xp1.b.wcnf	3754566	77565463	5009568	61792453	1172619	1237974	5581247	5888148	3096572	
normalized-9sym.b.wcnf	4751218	69766000	4884703	66230664	5283550	5559353	6225259	6462100	2352645	
normalized-addm4.r.wcnf	2293607	424694347	2045437	17026414	2500014	2950132	2662749	2666945	641170	
normalized-aim-100-1.6-yes1-1.wcnf	1	104	1	104	1	103	1	104	1	
normalized-aim-100-1.6-yes1-2.wcnf	1	104	1	104	1	103	1	104	1	
normalized-aim-100-1.6-yes1-3.wcnf	1	104	1	104	1	103	1	104	1	

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls
normalized-aim-100-1.6-yes1-4.wcnf	1	104	1	104	1	103	1	104	1	104
normalized-aim-100-2.0-yes1-1.wcnf	1	104	1	104	1	103	1	104	1	104
normalized-aim-100-2.0-yes1-2.wcnf	1	104	1	104	1	103	1	104	1	104
normalized-aim-100-2.0-yes1-3.wcnf	1	104	1	104	1	103	1	104	1	104
normalized-aim-100-2.0-yes1-4.wcnf	1	104	1	104	1	103	1	104	1	104
normalized-aim-100-3.4-yes1-1.wcnf	1	104	1	104	1	103	1	104	1	104
normalized-aim-100-3.4-yes1-2.wcnf	1	104	1	104	1	103	1	104	1	104
normalized-aim-100-3.4-yes1-3.wcnf	1	104	1	104	1	103	1	104	1	104
normalized-aim-100-3.4-yes1-4.wcnf	1	104	1	104	1	103	1	104	1	104
normalized-aim-200-1.6-yes1-1.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-1.6-yes1-2.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-1.6-yes1-3.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-1.6-yes1-4.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-2.0-yes1-1.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-2.0-yes1-2.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-2.0-yes1-3.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-2.0-yes1-4.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-3.4-yes1-1.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-3.4-yes1-2.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-3.4-yes1-3.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-3.4-yes1-4.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-6.0-yes1-1.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-6.0-yes1-2.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-6.0-yes1-3.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-200-6.0-yes1-4.wcnf	1	204	1	204	1	203	1	204	1	204
normalized-aim-50-1.6-yes1-1.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-1.6-yes1-2.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-1.6-yes1-3.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-1.6-yes1-4.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-2.0-yes1-1.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-2.0-yes1-2.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-2.0-yes1-3.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-2.0-yes1-4.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-3.4-yes1-1.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-3.4-yes1-2.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-3.4-yes1-3.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-3.4-yes1-4.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-6.0-yes1-1.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-6.0-yes1-2.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-6.0-yes1-3.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-aim-50-6.0-yes1-4.wcnf	1	54	1	54	1	53	1	54	1	54
normalized-alu2.b.wcnf	2445862	178690040	5075134	25272048	5016891	5327421	4281245	4283352	740812	740812

Instance name	Enum-ELS		Enum-ELM-RMR		Enum-ELS-Cache		Enum-ELM-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls
normalized-alu4.b.wcnf	3031610	181361472	3104587	11214873	4779318	5064858	4198598	4224994	1415118	
normalized-apex4.a.wcnf	394800	324664078	1483409	95040372	2366122	2695921	2095561	2096377	92459	
normalized-apex6.b.wcnf	820313	134161960	5308988	7898092	3480458	3627981	4959784	4959966	239266	
normalized-apex7.b.wcnf	2696578	140349820	6778133	33511873	5618946	5887363	8320540	8367331	861617	
normalized-bbara.r.wcnf	4142	41586	4142	36625	4142	4700	4142	4560	4142	
normalized-bench1.pi.wcnf	1259592	187004470	2152343	6275402	2731827	2900842	1659948	1660110	278213	
normalized-bench1.r.wcnf	1238298	191333406	1420037	8245066	2934653	3085435	1488749	1504199	328645	
normalized-bw.b.wcnf	1516717	71573060	6059022	21755730	4047809	4161037	7086470	7117592	477092	
normalized-C499.a.wcnf	1484959	197362164	2198030	279128239	3271741	3833110	7167322	8365212	300681	
normalized-C499.b.wcnf	425352	45268745	1893755	16854993	1707284	1855895	3479053	3489366	82690	
normalized-C880.a.wcnf	5158053	549186466	5754677	600117434	6242821	10847934	14169054	19761023	1878568	
normalized-C880.b.wcnf	2458125	202815761	2800343	13425674	1785736	1933487	2992786	3131337	848053	
normalized-clip.b.wcnf	764409	20056615	3359467	76591268	1041203	1201471	3497724	3956369	4888021	
normalized-count.b.wcnf	3683798	111339178	5288486	110606071	4909861	4994713	4830998	4912064	3336126	
normalized-des.a.wcnf	100324	102633330	1247700	6151005	623413	689964	1247333	1248356	18601	
normalized-dk512x.r.wcnf	1466303	15753140	1681425	16153520	1414008	1732865	1663860	1980858	1614438	
normalized-duke2.b.wcnf	1747532	147462982	3896219	13646497	5261946	5428374	4104625	4108402	415405	
normalized-e64.b.wcnf	4053801	256293775	2226722	12037373	5795230	6214134	4152365	4202643	911217	
normalized-ex1010.pi.wcnf	63493	34146969	841314	4531057	526469	595866	865230	866648	8104	
normalized-exdinp.r.wcnf	3475469	36024586	9681830	12431366	4424450	4837639	9827064	10110293	2799596	
normalized-ex5inp.r.wcnf	30367	249033	30567	215247	30567	38132	30567	37538	30567	
normalized-ex5.pi.wcnf	1500525	172835936	1330539	22401569	3923025	4785776	2274079	2292260	592148	
normalized-ex6inp.r.wcnf	1656281	143842983	1888013	16880111	2167768	2695967	1616682	1657663	656585	
normalized-exam.pi.wcnf	481657	3779290	481657	3183666	481657	592230	481657	566646	481657	
normalized-exps.r.wcnf	1306753	127651468	1288626	4323655	3388546	3753655	1523150	1523299	487940	
normalized-f1000.wcnf	1976657	179086973	3532406	312804824	2767504	3295324	3642115	4135888	1779030	
normalized-f2000.wcnf	0	0	0	0	0	0	0	0	0	
normalized-f20c10b_001_area_delay.wcnf	68585	3341714	495479	24982645	38780	657604	38876	506398	115781	
normalized-f20c10b_002_area_delay.wcnf	33048	1432722	661457	26683419	73451	364322	44565	307182	265941	
normalized-f20c10b_003_area_delay.wcnf	56441	2692331	81795	2305904	38719	535249	423920	1277039	212139	
normalized-f20c10b_004_area_delay.wcnf	634795	31993032	893434	40692251	813899	3784620	1082801	2893902	275466	
normalized-f20c10b_005_area_delay.wcnf	99459	5546667	229389	10705031	87611	944027	78674	634680	83774	
normalized-f20c10b_006_area_delay.wcnf	1221468	46976012	1649366	62714859	812485	3845602	1411915	3440485	618834	
normalized-f20c10b_007_area_delay.wcnf	297691	13325560	48326	1790009	64182	337169	350264	1320607	121313	
normalized-f20c10b_008_area_delay.wcnf	880659	40613272	1313242	58752487	1145061	4986169	1645457	4066050	370990	
normalized-f20c10b_009_area_delay.wcnf	41233	1761057	562508	22152187	37239	577264	248913	852033	259444	
normalized-f20c10b_010_area_delay.wcnf	116152	5533070	57546	2792000	44412	342429	39920	380642	119002	
normalized-f20c10b_011_area_delay.wcnf	38001	2110738	254059	13102490	35195	362683	40014	458980	111297	
normalized-f20c10b_012_area_delay.wcnf	35656	1768341	42416	1976903	35724	474705	42293	700123	96376	
normalized-f20c10b_013_area_delay.wcnf	290001	9244645	195540	9444342	173098	1479222	243907	1106980	51627	
normalized-f20c10b_014_area_delay.wcnf	720456	36795461	1059772	49193512	1010922	4154707	1136080	3295628	255097	
normalized-f20c10b_015_area_delay.wcnf	35265	1803497	35189	1688013	35480	545235	35910	543106	204770	
normalized-f20c10b_016_area_delay.wcnf	53127	2388218	227795	9958192	41822	285414	43248	572898	157935	
normalized-f20c10b_017_area_delay.wcnf	132690	5952078	57384	2615063	42698	372027	40988	559113	147509	
normalized-f20c10b_018_area_delay.wcnf	1135304	50669834	1668065	74490823	887311	3397798	1911874	4124175	514573	

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#MCS
normalized-f20c10b_019_area_delay.wcnf	214992	9877998	82590	3585843	64686	381208	45071	613073	223135	
normalized-f20c10b_020_area_delay.wcnf	920781	39289644	1227023	49734859	751391	3881252	1254192	3430674	372715	
normalized-f20c10b_021_area_delay.wcnf	40423	1816028	30876	1327826	40432	649704	30987	467117	189694	
normalized-f20c10b_022_area_delay.wcnf	315451	14369217	39833	1885830	40114	617937	39681	666751	187280	
normalized-f20c10b_023_area_delay.wcnf	83831	4062465	97885	4452588	61865	578989	169389	952455	66649	
normalized-f20c10b_024_area_delay.wcnf	1042986	47296223	1466201	61952526	1130862	4763642	1579424	3746967	454257	
normalized-f20c10b_025_area_delay.wcnf	77957	4116204	349525	17164972	145707	1760314	66226	767964	87895	
normalized-f20c10b_026_area_delay.wcnf	36270	1894002	37244	1873463	52453	428036	288876	1261825	110508	
normalized-f20c10b_027_area_delay.wcnf	37205	1767506	287124	13450509	37310	584792	115378	687958	159667	
normalized-f20c10b_028_area_delay.wcnf	76381	3959213	197845	9109952	42804	532848	100348	811931	79186	
normalized-f20c10b_029_area_delay.wcnf	87125	4542112	192180	10119263	64609	719068	75870	729909	90595	
normalized-f20c10b_030_area_delay.wcnf	800034	37556758	1127919	52950250	1003233	4096469	1221309	3018140	358463	
normalized-f51m_b.wcnf	4098450	103143877	8288829	20587663	1891867	1979992	8153467	8224685	3416100	
normalized-f600.wcnf	0	0	0	0	0	0	0	0	0	
normalized-fir01_area_delay.wcnf	7153	70019	7153	61865	7153	12458	7153	11020	7153	
normalized-fir01_area_ops.wcnf	1042663	18189618	1502064	24491077	1448613	4802583	1502064	3266215	1445546	
normalized-fir02_area_delay.wcnf	2862447	40549321	3401098	45025298	3075604	5963594	3365124	5472681	2033936	
normalized-fir02_area_ops.wcnf	1959577	63078751	2496474	77133266	1106871	4928577	1932478	4879784	2170076	
normalized-fir02_area_partials.wcnf	68	1534	68	1465	68	220	68	177	68	
normalized-fir03_area_delay.wcnf	1161150	19159315	1693145	26641272	1440247	3089197	1402248	2591088	698006	
normalized-fir03_area_ops.wcnf	100007	3841712	189368	6556648	15544	110833	165430	821153	234178	
normalized-fir03_area_partials.wcnf	799693	20745704	819007	20433913	371347	1284451	576089	1958131	565487	
normalized-fir04_area_delay.wcnf	2501149	50252211	1128891	61235593	3403473	5947751	3427390	5415741	2065124	
normalized-fir04_area_ops.wcnf	1854849	93070321	1188311	3499972	2437068	6808612	1539121	1539152	970431	
normalized-fir04_area_partials.wcnf	7	228	7	224	7	42	7	45	7	
normalized-fir05_area_delay.wcnf	1230958	27564147	1816655	38282041	2227116	4648011	2263791	4086072	838899	
normalized-fir05_area_ops.wcnf	287229	14514697	1713318	5619328	128955	1021298	1977713	1977750	463150	
normalized-fir05_area_partials.wcnf	851	35576	851	34490	851	4458	851	3217	851	
normalized-fir06_area_delay.wcnf	635513	15163558	1074815	24207875	1136427	2054305	1146164	2105724	626063	
normalized-fir06_area_ops.wcnf	94115	4557380	99104	4195577	93213	709087	83546	758828	136806	
normalized-fir06_area_partials.wcnf	1878481	58338941	2064834	61941291	1266358	2269008	1608391	2629299	1416123	
normalized-fir07_area_delay.wcnf	273491	7953007	474716	12704543	530766	1180897	639843	1544902	184825	
normalized-fir07_area_ops.wcnf	97253	5001225	362870	12027622	74063	662668	245618	545965	85601	
normalized-fir07_area_partials.wcnf	85090	3346707	85090	3246396	85090	148387	85090	123848	85090	
normalized-fir08_area_delay.wcnf	20394	931363	29388	1291726	34905	154807	33986	155242	7954	
normalized-fir08_area_ops.wcnf	13365	872189	34856	276889	25503	91741	42454	42512	2843	
normalized-fir08_area_partials.wcnf	73800	4480031	108474	6532835	130816	595920	124656	600726	202908	
normalized-fir09_area_delay.wcnf	252252	8032997	422853	12826632	491076	988256	504319	1037264	170372	
normalized-fir09_area_ops.wcnf	134825	6880868	207775	9473438	74235	608436	94342	398030	46472	
normalized-fir09_area_partials.wcnf	690281	30700575	1029903	44813547	704693	1932254	599747	1840722	281580	
normalized-fir10_area_delay.wcnf	62173	2979234	81391	3869456	104800	321021	94843	274898	23036	
normalized-fir10_area_ops.wcnf	32937	2090933	134790	1259080	35073	186211	142627	142684	14802	
normalized-fir10_area_partials.wcnf	1423358	86252671	1875881	111852048	1290604	2329908	1426654	2457945	825795	
normalized-fout.r.wcnf	3369424	161739797	4717451	52950569	4387263	5103439	4208164	4292841	3187133	
normalized-g125.17.wcnf	0	0	0	0	0	0	0	0	0	
normalized-g125.18.wcnf	0	0	0	0	0	0	0	0	0	

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT	#MCS	#SAT	#MCS	#SAT	#MCS	#SAT	#MCS	#MCS
normalized-g250.15.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-g250.29.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-hanoi4.wcnf	1	722	1	722	1	721	1	722	1	1
normalized-hanoi5.wcnf	1	1935	1	1935	1	1934	1	1935	1	1
normalized-ii16a1.wcnf	101495	131577475	778208	63235064	562295	774838	778182	779659	6585	6585
normalized-ii16a2.wcnf	97328	139884768	725994	28360419	458261	561157	725914	727516	4902	4902
normalized-ii16b1.wcnf	80261	132710245	635115	21844654	466025	541663	634945	636675	5224	5224
normalized-ii16b2.wcnf	175088	180866646	1030400	47583913	717358	727040	1030498	1031571	12969	12969
normalized-ii16c1.wcnf	98228	138530196	686668	41504045	486603	709293	685441	686943	6233	6233
normalized-ii16c2.wcnf	215496	185973983	1223779	36508153	763154	774035	1223995	1224921	18454	18454
normalized-ii16d1.wcnf	141842	165894256	901850	77011979	666336	838824	902654	903895	9315	9315
normalized-ii16d2.wcnf	263702	207534990	1286527	122548162	905551	918386	1296238	1297067	21911	21911
normalized-ii16e1.wcnf	147449	170853347	459302	157314924	539131	757083	903739	905010	9349	9349
normalized-ii16e2.wcnf	98304	51315299	98304	51173926	98304	132847	98304	110910	47238	47238
normalized-ii32a1.wcnf	110592	49324533	110592	49029817	110592	115208	110592	115294	61876	61876
normalized-ii32b1.wcnf	918296	185418280	1663580	327768956	665720	892931	2468296	3138727	254110	254110
normalized-ii32b2.wcnf	49812	12514929	49812	12244780	49812	81349	49812	74529	49812	49812
normalized-ii32b3.wcnf	269988	91570109	269988	89707892	156927	225766	269988	348936	100028	100028
normalized-ii32b4.wcnf	336	127045	336	118693	336	2632	336	2294	336	336
normalized-ii32c1.wcnf	1356183	267645543	1706666	329060052	1539447	2080043	3302312	4093116	301627	301627
normalized-ii32c2.wcnf	666223	145549242	974247	212888407	308696	418132	1318014	1680137	218381	218381
normalized-ii32c3.wcnf	852058	230307592	1204930	319974147	1197942	1665776	2269025	2861807	149639	149639
normalized-ii32c4.wcnf	279359	206167629	330811	231735222	1026625	1035029	1412402	1418808	24477	24477
normalized-ii32d1.wcnf	1048355	323719421	1139439	344788420	1655355	2240407	3174158	3200306	126808	126808
normalized-ii32d2.wcnf	634983	243455783	740724	276055570	372955	522563	1448834	1809481	89808	89808
normalized-ii32d3.wcnf	229161	184246372	618392	176718231	947118	968997	1298749	1310738	21167	21167
normalized-ii32e1.wcnf	1272836	240030585	1681546	279398173	1604196	2175286	3452730	4309719	327382	327382
normalized-ii32e2.wcnf	727157	175630843	1139773	239374965	616057	838895	2203336	2257844	177056	177056
normalized-ii32e3.wcnf	755071	240760786	861369	269166496	512369	712450	1928257	2395652	120659	120659
normalized-ii32e4.wcnf	724280	269475342	828091	301486652	338408	469730	2146439	2679458	88063	88063
normalized-ii32e5.wcnf	495651	253748427	554429	277715436	292676	406530	1400372	1719986	46647	46647
normalized-ii8a1.wcnf	162390	9968551	162390	9710782	162390	207163	162390	185525	162390	162390
normalized-ii8a2.wcnf	1800063	277371587	2318418	328608321	2558828	3908463	4179427	5025629	475293	475293
normalized-ii8a3.wcnf	1624469	343931639	2953668	38061260	2593249	2971352	3225266	3225485	241819	241819
normalized-ii8a4.wcnf	1067201	329628981	2373060	51067587	1988054	2135755	2645319	2645634	122734	122734
normalized-ii8b1.wcnf	1722987	374706196	3664684	54673017	2678994	3038417	4052615	4052822	181929	181929
normalized-ii8b2.wcnf	665916	278192262	2528169	50598636	1440794	1516190	2528214	2528635	73141	73141
normalized-ii8b3.wcnf	435723	227429763	1897984	30977788	1130805	1157745	1898013	1898609	39109	39109
normalized-ii8b4.wcnf	272897	181267987	1450720	23374932	909263	941922	1450275	1451045	16946	16946
normalized-ii8c1.wcnf	877767	308341550	2127176	74283329	1213701	1413525	1894337	1894654	85995	85995
normalized-ii8c2.wcnf	290778	202433172	1330628	43300083	1295852	1408921	1330763	1331530	25942	25942
normalized-ii8c3.wcnf	641085	259590420	2659029	119352596	1592132	1908316	2659142	2659543	68438	68438
normalized-ii8d1.wcnf	289123	206394218	1232876	51845964	1127856	1242667	1233241	1234141	25444	25444
normalized-ii8d2.wcnf	720777	304821150	2227280	106206851	1497556	1804504	2228739	2229195	71519	71519
normalized-ii8e1.wcnf	331982	218833295	1381922	30891020	1259515	1356385	1380893	1381737	26586	26586
normalized-ii8e2.wcnf	2482831	68853825	7197885	8138618	4665106	4943236	7040974	7201514	1098509	1098509

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#MCS
normalized-jnh12.wcnf	3	300	3	235	3	107	3	108	3	3
normalized-jnh17.wcnf	91	8944	91	8610	91	591	91	627	91	91
normalized-jnh1.wcnf	777	75232	777	73028	777	3508	777	3273	777	777
normalized-jnh201.wcnf	1001991	94164046	1261492	116029188	985823	1470113	1338007	1772839	798116	26
normalized-jnh204.wcnf	26	2556	26	2280	26	664	26	639	26	28
normalized-jnh205.wcnf	28	2754	28	2629	28	301	28	301	28	3
normalized-jnh207.wcnf	3	300	3	269	3	113	3	114	3	3
normalized-jnh209.wcnf	506	48636	506	47742	506	1636	506	1484	506	506
normalized-jnh210.wcnf	14508	1365192	14508	1335618	14508	22425	14508	19290	14508	2
normalized-jnh212.wcnf	2	204	2	203	2	105	2	106	2	2
normalized-jnh213.wcnf	187	17983	187	17484	187	769	187	932	187	187
normalized-jnh217.wcnf	11445	1098234	11445	1070569	11445	24674	11445	22247	11445	524
normalized-jnh218.wcnf	524	50674	524	49712	524	1699	524	1478	524	19
normalized-jnh220.wcnf	19	1881	19	1871	19	585	19	401	19	34
normalized-jnh301.wcnf	34	3330	34	3060	34	267	34	250	34	945
normalized-jnh7.wcnf	945	88678	945	87497	945	1874	945	1563	945	377797
normalized-lin.rom.r.wcnf	2130440	347654317	1528358	13201411	1911294	2391380	1638807	1638997	1514700	848426
normalized-m100_100_10_10_10.r.wcnf	1656875	34194366	2928421	15996896	1774938	2237882	2090798	2480980	1631407	1860368
normalized-m100_100_10_15.r.wcnf	1708881	32311256	1819535	28670662	1856595	2370155	1920745	2380503	1154053	1398758
normalized-m100_100_10_30.r.wcnf	1708656	27206718	1991174	29562684	2016257	2579930	219128	2670566	29167	2413097
normalized-m100_100_30_30.r.wcnf	1986964	23331471	2183970	22818808	2248945	3099596	2454362	3286636	995558	508206
normalized-m100_100_50_50.r.wcnf	2401598	20405011	2778199	20327587	2784425	3785589	3143599	4122422	1346157	1183689
normalized-m100_100_70_70.r.wcnf	1446893	9604570	1523462	8352421	1558223	2016095	1534896	1895940	1425531	305283
normalized-m100_100_90_90.r.wcnf	29167	146452	29167	116340	29167	32466	29167	31627	14976	14976
normalized-m100_300_10_10.r.wcnf	2654479	84962366	4884441	11664336	2978545	3305664	5513515	5729242	2498009	2498009
normalized-m100_300_10_14.r.wcnf	2654330	84155714	5596073	17406829	3111651	3519708	5683637	5887985	995558	1346157
normalized-m100_300_10_15.r.wcnf	2627336	83200547	5476404	14220149	3120342	3554895	5251484	5508206	1183689	1425531
normalized-m100_300_10_20.r.wcnf	2663037	82957302	5678201	14482707	3188033	3671887	5632828	5906204	305283	14976
normalized-m100_50_10_10.r.wcnf	1202262	16855293	1324338	16783319	1314198	1860008	1384450	1895719	14976	18371
normalized-m100_50_20_20.r.wcnf	1457660	13994622	1677059	13846594	1535402	2153937	1755599	2336828	4550509	4550509
normalized-m100_50_30_30.r.wcnf	305283	2238654	305283	1862843	305283	397332	305283	376819	1205415	1610420
normalized-m100_50_40_40.r.wcnf	14976	83701	14976	68088	14976	18937	14976	18371	1721066	2034162
normalized-m200_500_10_10.r.wcnf	3115366	165504927	5296117	13374637	4045529	4405809	4538766	4550509	1916617	429908
normalized-m4.r.wcnf	3156323	336051670	3679012	105765508	3167766	3825546	3790369	3841127	4110	4110
normalized-m50_100_10_10.r.wcnf	1692623	28015620	1919911	21402975	1711165	2112816	2025012	2388425	2388075	1961582
normalized-m50_100_10_15.r.wcnf	1831112	28664073	2091161	21911590	1966512	2433285	2394258	2780549	2992897	177854
normalized-m50_100_30_30.r.wcnf	2061766	21988905	2442389	20511406	2372497	3155890	2724629	3489431	2096232	167717
normalized-m50_100_50_50.r.wcnf	2299472	18504540	2590789	17878596	2536141	3370757	2863339	3681582	2744238	1088018
normalized-m50_100_70_70.r.wcnf	429908	2671820	429908	2190880	429908	540102	429908	519276	3374611	996096
normalized-m50_100_90_90.r.wcnf	4110	19543	4110	15371	4110	5243	4110	4951	233522	233522
normalized-maincont.r.wcnf	1838791	21493995	2004576	21140696	1740756	1991276	2156087	2388075	266678	266678
normalized-max1024.pi.wcnf	1028781	309625943	2641441	29869086	1366091	1544306	2991217	2992897	177854	177854
normalized-max1024.r.wcnf	1075096	310991759	1926954	7545423	1313809	1517164	2095928	2096232	167717	167717
normalized-max512.r.wcnf	3100677	413381651	2650206	24562661	2668514	3099185	2737481	2744238	1088018	1088018
normalized-mlp4.r.wcnf	3785480	486948043	2908271	35030158	2380179	2893127	3304292	3374611	996096	996096
normalized-opus.r.wcnf	233522	2135442	233522	1887939	233522	273966	233522	266678	233522	233522

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls
normalized-par16-1-c.wcnf	1	321	1	321	1	320	1	321	1	321
normalized-par16-1.wcnf	1	1019	1	1019	1	1018	1	1019	1	1019
normalized-par16-2-c.wcnf	1	353	1	353	1	352	1	353	1	353
normalized-par16-2.wcnf	1	1019	1	1019	1	1018	1	1019	1	1019
normalized-par16-3-c.wcnf	1	338	1	338	1	337	1	338	1	338
normalized-par16-3.wcnf	1	1019	1	1019	1	1018	1	1019	1	1019
normalized-par16-4-c.wcnf	1	328	1	328	1	327	1	328	1	328
normalized-par16-4.wcnf	1	1019	1	1019	1	1018	1	1019	1	1019
normalized-par16-5-c.wcnf	1	345	1	345	1	344	1	345	1	345
normalized-par16-5.wcnf	1	1019	1	1019	1	1018	1	1019	1	1019
normalized-par32-1-c.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-par32-1.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-par32-2-c.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-par32-2.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-par32-3-c.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-par32-3.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-par32-4-c.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-par32-4.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-par32-5-c.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-par32-5.wcnf	0	0	0	0	0	0	0	0	0	0
normalized-par8-1-c.wcnf	1	68	1	68	1	67	1	68	1	68
normalized-par8-1.wcnf	1	354	1	354	1	353	1	354	1	354
normalized-par8-2-c.wcnf	1	72	1	72	1	71	1	72	1	72
normalized-par8-2.wcnf	1	354	1	354	1	353	1	354	1	354
normalized-par8-3-c.wcnf	1	79	1	79	1	78	1	79	1	79
normalized-par8-3.wcnf	1	354	1	354	1	353	1	354	1	354
normalized-par8-4-c.wcnf	1	71	1	71	1	70	1	71	1	71
normalized-par8-4.wcnf	1	354	1	354	1	353	1	354	1	354
normalized-par8-5-c.wcnf	1	79	1	79	1	78	1	79	1	79
normalized-par8-5.wcnf	1	354	1	354	1	353	1	354	1	354
normalized-pdc.r.wcnf	510183	84842499	1	864793	1218903	1397209	1	1295908	1	1370048
normalized-prom2.pi.wcnf	444300	187131737	1	1472245	906491	1062560	1	1493137	234980	1493576
normalized-prom2.r.wcnf	442008	187344226	1	1278169	782961	891451	1	1491133	54869	1491585
normalized-rd73.b.wcnf	3006901	33917513	1	3342557	3380316	3627266	1	3562490	2271506	3798978
normalized-rd84.b.wcnf	3184061	51664758	1	4265192	4457860	4646134	1	4798270	1451294	4940029
normalized-ricks.r.wcnf	3863334	41469162	1	9377773	16031727	5347435	1	9080198	3101590	9334503
normalized-rot.b.wcnf	1200017	177518954	1	2732811	12320441	2545721	1	3232525	3229992	3232932
normalized-s3-3-1pb.wcnf	6	230	6	225	6	80	6	6	6	80
normalized-s3-3-2pb.wcnf	3	116	3	114	3	55	3	3	3	77
normalized-s3-3-3pb.wcnf	10	382	10	373	10	175	10	10	10	170
normalized-s3-3-4pb.wcnf	18	686	18	669	18	109	18	18	18	142
normalized-s3-3-5pb.wcnf	72	2720	72	2649	72	400	72	72	72	391
normalized-s4-4-3-10pb.wcnf	1428	105402	1428	103975	1428	4099	1428	1428	1428	4628
normalized-s4-4-3-1pb.wcnf	666886	48266008	1	842575	591813	753257	1	1226495	503242	1487573
normalized-s4-4-3-2pb.wcnf	589004	42961433	1	668832	48088692	487317	1	668832	898796	898796
normalized-s4-4-3-3pb.wcnf	594919	43277570	1	687733	49404393	452036	1	861069	1112743	1112743

Instance name	#Enum-ELS		#Enum-ELS-RMR		#Enum-ELS-Cache		#Enum-ELS-RMR-Cache		#MCS	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#MCS
normalized-s4-4-3-4pb.wcnf	635230	45605413	795872	56285766	397530	629169	1128077	1399660	410153	
normalized-s4-4-3-5pb.wcnf	556737	40282440	689079	49138117	321695	415985	1029865	1266265	471725	
normalized-s4-4-3-6pb.wcnf	144894	10584515	144894	10439621	144894	169815	144894	178977	144894	
normalized-s4-4-3-7pb.wcnf	80064	5821258	80064	5741190	80064	89002	80064	92567	80064	
normalized-s4-4-3-8pb.wcnf	953860	59986148	1260993	77786582	1182002	1227576	2093307	2108822	882219	
normalized-s4-4-3-9pb.wcnf	12502	918094	12502	905593	12502	18680	12502	22257	12502	
normalized-sao2.b.wcnf	3495348	116982586	4943967	12491486	4363603	4627443	6542812	6648282	3613269	
normalized-saucier.r.wcnf	651229	9518837	6297228	7020717	1604904	1675185	4542784	4607996	271607	
normalized-ssa7552-038.wcnf	103394	149922307	126128	182758741	490639	507208	748086	753150	10691	
normalized-ssa7552-158.wcnf	128444	170703035	154217	204799045	790768	793500	935530	938168	15108	
normalized-ssa7552-159.wcnf	127303	169185976	149442	198457097	702178	705630	886805	890215	13986	
normalized-ssa7552-160.wcnf	118610	161429573	140566	191169894	497500	500778	774762	777872	12878	
normalized-test1.r.wcnf	2338229	299984852	2263141	16466536	2675705	2910812	1986711	1988367	481100	
normalized-test4.pi.wcnf	269749	65001575	3315374	8420719	1642433	1935145	2634926	2720411	44712	
openstacks-sequencedstrips-nonadl-SAT.cnf.wcnf	108	716502	122	808965	7258	134913	8750	82557	0	
nonnegated-os-sequencedstrips-p30_3.085-SAT.cnf.wcnf										
p1.wcnf.t.wcnf	56411	2989041	33538	1505549	18502	924746	22645	875079	27764	
pcip1neg.cnf.wcnf	16	5122	16	5107	16	413	16	346	16	
q-query_3_l38_lambda.cnf.wcnf	1575	21660782	1933	26551929	98035	1322205	110460	463665	34	
q-query_3_l39_lambda.cnf.wcnf	1530	21540800	1800	25264268	65722	1009475	107734	476741	34	
q-query_3_l40_lambda.cnf.wcnf	1447	20865011	1706	24630184	90850	1157727	104130	424844	30	
rbcl_xits_14.SAT.cnf.wcnf	9301	5503094	45380	30881622	15815	6331581	17551	6758470	0	
rbcl_xits_15.SAT.cnf.wcnf	136719	77228633	175763	120281358	21929	7321816	23556	7386894	2523	
rovers5_ks991.renamed-as.sat05-3974.cnf.wcnf	690581	146864406	849130	179903709	1019335	3636487	1452491	3626804	80375	
rovers5_ks991.shuffled-as.sat05-4041.cnf.wcnf	328645	230074845	381864	264239926	1045603	2945186	1461512	2323112	26627	
rovers5_v01a.renamed-as.sat05-3981.cnf.wcnf	1371222	115588625	1664019	138394270	1551118	3814522	2007612	3820856	248644	
rovers5_v01a.shuffled-as.sat05-4048.cnf.wcnf	595920	284187795	765041	332292395	948488	2580782	1815805	2892651	53195	
safe-30-h30-sat.cnf.wcnf	72	2621888	65	2385530	65	1576493	86	1168503	0	
sanddiaprotein.g.wcnf.t.wcnf	48105	2332874	37006	1515370	18941	839247	22298	774141	27575	
satellite2_ks991.renamed-as.sat05-3983.cnf.wcnf	120	14162	120	14043	120	3275	120	4578	120	
satellite2_ks991.shuffled-as.sat05-4050.cnf.wcnf	120	62762	120	62643	120	6349	120	9105	120	
satellite2_v01a.renamed-as.sat05-3987.cnf.wcnf	120	4082	120	3963	120	884	120	874	120	
satellite2_v01a.shuffled-as.sat05-4054.cnf.wcnf	120	25286	120	25167	120	5088	120	5118	120	
satellite2_v01i.renamed-as.sat05-3988.cnf.wcnf	120	7082	120	6963	120	1728	120	1885	120	
satellite2_v01i.shuffled-as.sat05-4055.cnf.wcnf	120	52538	120	52419	120	9506	120	12126	120	
servers_slapd_a_vc149572.cnf.wcnf	230	14127	230	13879	230	1039	230	770	230	
smthlib-qfbv-aigs-bin_eventlogadm_vc344392-tscain.cnf.wcnf	24	1986608	3138	1969480	9839	97162	13406	94132	0	
smthlib-qfbv-aigs-bin_libmsrpc_vc1225297-tscain.cnf.wcnf	61	3201635	527	3114900	14007	75234	20562	74711	0	

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#MCS
SU1__simp-genos.haps.26.wcnf	186300	17620659	209029	19599373	75602	851665	159055	1356395	223942	
SU1__simp-genos.haps.27.wcnf	314856	31541972	383698	37729447	217141	953962	405163	1212720	546446	
SU1__simp-genos.haps.29.wcnf	223615	17883393	263383	20592655	156159	864320	208222	1106118	294572	
SU1__simp-genos.haps.30.wcnf	218147	17991234	241523	19546121	175652	962804	186641	1190524	166697	
SU1__simp-genos.haps.32.wcnf	247473	21231099	278944	23466799	112192	1069145	188270	1502491	298077	
SU1__simp-genos.haps.34.wcnf	216051	18132141	256403	20685578	168007	1063499	209122	1336443	232998	
SU1__simp-genos.haps.37.wcnf	217351	19420018	289336	25512688	211806	1159126	252071	1129683	229856	
SU1__simp-genos.haps.38.wcnf	260976	26166439	304420	30070510	201928	920666	264220	1230704	356670	
SU1__simp-genos.haps.50.wcnf	181486	13227962	198315	14154045	109293	830299	175205	1236158	302170	
SU1__simp-genos.haps.54.wcnf	170286	14793477	192822	16335074	135338	818564	166243	1104816	185270	
SU1__simp-genos.haps.58.wcnf	412251	39418585	516716	48742565	223550	985901	492440	1664013	358429	
SU1__simp-genos.haps.62.wcnf	288001	23062936	343429	26952014	167603	1136624	271664	1669902	345671	
SU1__simp-genos.haps.69.wcnf	277035	24511772	315333	27432739	215701	1044800	230918	1321050	196148	
SU1__simp-genos.haps.70.wcnf	209842	14716338	224525	15430991	170608	922226	198392	1078942	311978	
SU1__simp-genos.haps.7.wcnf	88909	7671068	113245	9500669	58636	768115	85492	918574	162624	
SU1__simp-genos.haps.85.wcnf	234990	18818814	274568	21457363	229952	963849	255781	1201091	252056	
SU1__simp-genos.haps.86.wcnf	141741	9859897	164063	11287318	90447	792322	142887	1031856	216774	
SU1__simp-genos.haps.8.wcnf	376625	30134516	477584	37676645	263173	1292999	269859	1725122	255755	
SU3__simp-genos.haps.21.wcnf	194402	22942680	213966	24954083	61912	499762	201986	978915	281637	
SU3__simp-genos.haps.23.wcnf	500084	58838915	671608	78363921	343419	916134	728850	1474063	547311	
SU3__simp-genos.haps.27.wcnf	390588	42252142	504849	53938892	131329	799826	344601	1609203	362767	
SU3__simp-genos.haps.33.wcnf	544508	64552724	754743	88597716	231923	764201	920230	1613964	667420	
SU3__simp-genos.haps.38.wcnf	196670	21293365	260834	27624299	84239	561778	241209	1086964	450204	
SU3__simp-genos.haps.53.wcnf	413025	48532635	550448	64007375	153251	839230	451089	1678066	353001	
SU3__simp-genos.haps.58.wcnf	352322	37699284	441310	46462917	229955	837009	459580	1092222	541766	
SU3__simp-genos.haps.60.wcnf	249487	27880953	304786	33728088	107100	730753	244533	1287109	394314	
SU3__simp-genos.haps.63.wcnf	28002	2781567	33800	3291321	13685	338527	32242	533781	170530	
SU3__simp-genos.haps.64.wcnf	211346	22622980	239046	25013998	47597	402687	214334	983701	474140	
SU3__simp-genos.haps.72.wcnf	223766	23161459	254450	25966292	94765	666375	221420	1269354	330758	
SU3__simp-genos.haps.74.wcnf	474793	51196071	627610	66594193	413067	976252	666300	1426958	580204	
SU3__simp-genos.haps.80.wcnf	138611	15259170	123986	13439831	37995	395957	125170	893515	233316	
SU3__simp-genos.haps.86.wcnf	470989	50827048	640477	67987588	311980	961306	675166	1446079	479393	
SU3__simp-genos.haps.88.wcnf	178213	20264311	235323	26387627	47390	326930	187872	883729	275362	
SU3__simp-genos.haps.9.wcnf	172439	19305612	214068	23548672	58615	431557	175296	897325	338296	
sudoku.wcnf	8486	127308	15185	212615	3896	35260	14331	62397	5538	
texasPmainp02.cnf.wcnf	2	74	2	47	2	39	2	40	2	
tip_bmc:sat_nusmv tcas-t5.B.cnf.wcnf	333	8726909	16001	8146151	37733	146426	57223	83491	7	
22s.smv.sat.chaff.4.1.bryant.cnf	14666	167407	117918	329708	16698	139605	88929	166417	28174	
23.shuffled.cnf		729	221	317	221	514	221	301	221	
25s.smv.sat.chaff.4.1.bryant.cnf	43260	523864	175007	755017	42704	319968	190362	272841	32360	
27s.smv.sat.chaff.4.1.bryant.cnf	154571	1599952	154571	376027	154571	685642	154571	267288	154571	
2pipe_1.ooo.cnf	232476	5432682	290186	3437446	211310	1061922	273254	630776	183955	
2pipe_2.ooo.cnf	259829	5928236	392050	4932061	223463	1327834	336834	819955	145901	
2pipe.cnf	10221	124299	10221	79507	10221	62498	10221	37933	10221	
32s.smv.sat.chaff.4.1.bryant.cnf	2764	20745	2764	7815	2764	14539	2764	6559	2764	

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#MCS
37s.smv.sat.chaff.4.1.bryant.cnf	168	827	168	377	168	546	168	340	168	168
38s.smv.sat.chaff.4.1.bryant.cnf	534200	6837545	2970944	7473910	327769	2507715	3300105	4632175	292479	292479
3pipe.1.000.cnf	6777	40999	115594	990866	4171	18423	14314	62721	3761	3761
3pipe.2.000.cnf	3396	17864	10771	60144	4076	17219	10027	41956	3966	3966
3pipe.3.000.cnf	3036	15603	9092	43933	4143	17269	9923	39471	2995	2995
3pipe.cnf	3029	13157	109393	685909	4476	15639	120602	382643	4368	4368
42.shuffled.cnf	421	1404	421	640	421	970	421	593	421	421
43s.smv.sat.chaff.4.1.bryant.cnf	94021	1176646	357868	966680	92153	716733	333584	620303	86230	86230
44s.smv.sat.chaff.4.1.bryant.cnf	203434	2774542	1887769	5759723	267758	1794923	1825439	3008570	601344	601344
46s.smv.sat.chaff.4.1.bryant.cnf	257990	3509365	742016	2423708	263619	1977711	768016	1526046	411745	411745
49s.smv.sat.chaff.4.1.bryant.cnf	26	124	26	77	26	94	26	75	26	26
4pipe.1.000.cnf	1911	9178	4421	15012	126	489	5565	20427	1563	1563
4pipe.2.000.cnf	2160	11314	5222	19318	1759	6966	5321	19092	1349	1349
4pipe.3.000.cnf	1856	8953	5104	18093	66	263	3150	10197	1447	1447
4pipe.4.000.cnf	1863	10776	5131	20795	42	202	6658	24533	1815	1815
4pipe.cnf	1100	4333	4817	14319	1721	5632	5326	14239	285	285
5pipe.1.000.cnf	1510	8317	5109	17862	1692	8333	5288	18283	1096	1096
5pipe.2.000.cnf	1330	7640	4765	17212	1697	6708	4215	13701	711	711
5pipe.3.000.cnf	1581	10562	4281	14976	1517	6762	4748	15780	461	461
5pipe.4.000.cnf	1156	5782	3498	14659	1309	4897	3629	11106	732	732
5pipe.5.000.cnf	1584	11066	3067	11602	1336	6245	2485	7558	824	824
5pipe.cnf	1894	7227	6983	22535	2117	6214	6863	21759	2729	2729
6pipe.6.000.cnf	789	4791	1124	3128	508	2506	1407	3716	536	536
6pipe.cnf	0	5	0	5	0	5	0	5	0	0
7pipe.cnf	0	12	0	12	0	12	0	12	0	0
9symml_gr_2pin_w5.shuffled.cnf	9362	8335096	165053	4458045	638	314128	201538	220773	21892	21892
9symml_gr_rcs_w5.shuffled.cnf	21790	13719791	535843	5201936	11495	1508383	592272	668899	8413	8413
ac97_ctrl-debug.dimacs.cnf	21	512	21	506	21	492	21	506	21	21
ACG-10-10t0.cnf	476	12039	8073	49516	188	4775	9786	17102	1669	1669
ACG-10-5p0.cnf	0	13	0	13	3	42	0	13	5	5
ACG-20-5t0.cnf	1681	31823	4563	8807	537	7396	4400	6786	1050	1050
alu2_gr_rcs_w7.shuffled.cnf	4030	2602654	58489	1475105	19	2656	128297	153035	7	7
am.4.4.shuffled-as.sat03-360.cnf	857	3109	857	1383	857	2219	857	1274	857	857
am.5.5.shuffled-as.sat03-361.cnf	1959	6990	1959	3107	1959	5093	1959	2863	1959	1959
apex7_gr_2pin_w4.shuffled.cnf	59884	17976347	1052902	4368227	21278	1656759	847724	948798	80994	80994
b14_opt_bug2_vec1-gate-0.dimacs.seq.filtered.cnf	2402	405351	13247	33157	4700	88308	12040	35600	2583	2583
b15-bug-fourvec-gate-0.dimacs.seq.filtered.cnf	426	92669	2118	4981	835	20591	2424	3818	369	369
b15-bug-onevec-gate-0.dimacs.seq.filtered.cnf	3064	350366	12096	24578	5458	64096	13187	13700	2329	2329
barrel2.cnf	137	676	137	438	137	474	137	356	137	137
barrel6.cnf	2242	45888	61291	1030114	5410	113044	47663	778245	14485	14485
barrel7.cnf	1355	16510	59528	1050759	5869	74765	83450	1162801	8599	8599
bfl355-123.cnf	218408	3523895	748785	6948120	67106	1871801	867208	1984853	241462	241462
bfl355-127.cnf	206503	3347314	1133761	5671347	69755	1828747	885420	2016109	201970	201970
bfl355-227.cnf	268308	3778127	1232106	4144030	65363	1470664	912738	1882656	148861	148861

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#MCS
bfl355-228.cnf	235520	3368410	1256651	5197769	68446	1553228	705035	1670106	127475	
bfl355-359.cnf	253205	3841838	1024556	7097610	56612	1722758	872519	1911918	213607	
bfl355-445.cnf	238082	3283448	1273855	4551184	64838	1958569	1137057	1786179	208931	
bfl355-446.cnf	287776	3996305	1211616	4707944	64780	1910445	1073430	1791207	162891	
bfl355-462.cnf	275224	3991307	1257454	4606803	64467	1890645	1012963	1829491	143850	
bfl355-466.cnf	278694	3934214	1226104	4795116	66910	2096730	1020848	1782484	140073	
bfl355-530.cnf	214671	2817978	1203413	4422847	75404	1808790	687745	1692529	121144	
bfl355-598.cnf	249258	3442624	1120576	5553583	68175	1899740	674109	1729278	118540	
bfl355-621.cnf	226707	2987499	1231039	4788355	70333	1681176	977577	1629397	134705	
bfl355-665.cnf	196416	2694757	1179083	5533964	70113	1709816	377086	1019232	154095	
bfl355-666.cnf	212626	2996268	1200922	5264789	69166	1655476	378255	993459	140794	
bfl355-741.cnf	183590	2838233	1209940	4970516	67830	1637501	982501	1745346	101907	
bin.libsmsharemodes_vc4083.cnf	215	1487	90366	121512	139	357	566	1778	9454	
brock200_1.cfq.cnf	136832	38225786	1215319	270883867	140069	330402	3424417	3441202	70280	
brock200_2.cfq.cnf	158539	28720090	2031003	280278544	164002	367421	4274982	4283233	162048	
brock200_3.cfq.cnf	144343	36890058	1468205	291213148	146403	339710	4044613	4049814	83782	
brock200_4.cfq.cnf	144499	36375134	1471008	288430317	145032	327542	4064891	4073780	78331	
brock400_1.cfq.cnf	129641	38250729	1162952	272396382	131631	324573	3431681	3438335	60155	
brock400_2.cfq.cnf	126010	37030646	1139124	273507183	128785	320479	3493140	3510336	68181	
brock400_3.cfq.cnf	136566	38257572	1152917	265832020	140313	329482	3609629	3621280	71601	
brock400_4.cfq.cnf	132748	38723720	1177442	272976400	135441	323640	3479731	3507864	76928	
brock800_1.cfq.cnf	143239	35753354	1443701	287660316	143725	335492	4089839	4099140	97179	
brock800_2.cfq.cnf	136667	34205326	1454135	291240541	139640	323516	4101714	4113290	85456	
brock800_3.cfq.cnf	142348	35253739	1464890	286329762	144910	334057	4157349	4170768	93398	
brock800_4.cfq.cnf	148513	36073183	1516384	292075582	150029	344832	3897430	3909648	91724	
c10midw_s.cnf	962	10810	2605	8679	750	3433	1660	11959	3341	
C168_FW_UT_851.cnf	30	255	30	123	30	126	30	87	30	
c1_DD_s3_fl_e2_v1-bug-fourvec-gate-0.dimacs.seq.filtered.cnf	1296	15321	1296	7820	4911	61297	1296	8304	1296	
c1_DD_s3_fl_e2_v1-bug-onevec-gate-0.dimacs.seq.filtered.cnf	6	1440	6	1432	6	122	6	1410	6	
c202_FW_SZ_61.cnf	278050	10268619	1117108	23047260	164809	831157	1660905	1917179	154796	
C208_FA_UT_3254.cnf	155	715	155	342	155	393	155	249	155	
C210_FW_UT_8630.cnf	270119	11876043	1144257	11902077	137306	678087	1360248	1390263	130477	
c2670.cnf	6185	21457	6185	11698	6185	17494	6185	9907	6185	
c2_DD_s3_fl_e2_v1-bug-fourvec-gate-0.dimacs.seq.filtered.cnf	810	172055	5046	7223	2015	15546	5242	6862	1163	
c2_DD_s3_fl_e2_v1-bug-onevec-gate-0.dimacs.seq.filtered.cnf	6027	507523	24368	58896	11088	37438	30586	34554	12566	
c3540-s.cnf	4474	16861	5628	11741	9390	34670	5971	10814	9390	
c3_DD_s3_fl_e1_v1-bug-fourvec-gate-0.dimacs.seq.filtered.cnf	30155	1028095	66129	202193	39224	182723	68464	130888	65759	
c3_DD_s3_fl_e1_v1-bug-onevec-gate-0.dimacs.seq.filtered.cnf	162662	4280424	580987	1019564	174200	792849	560129	780135	147430	
c499_gr_2pin_w5.shuffled.cnf	22782	8629020	345339	3216532	740	175227	412311	519428	11659	

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls
c499_gr_rcs_w5_shuffled.cnf	43611	13239284	661042	10013127	19775	2275560	921650	1120518	26344	36008
c4_DD_s3_fl_e1_v1_bug-gate-0.dimacs.seq.filtered.cnf	0	31198	0	36661	0	33318	0	36008	4636	
c4_DD_s3_fl_e2_v1_bug-fourvec-gate-0.dimacs.seq.filtered.cnf	1159	48975	3010	36535	1318	36119	3352	33800	5320	
c4_DD_s3_fl_e2_v1_bug-onevec-gate-0.dimacs.seq.filtered.cnf	2552	497320	27594	54974	9744	37942	21670	31121	7370	
c5315-bug-gate-0.dimacs.seq.filtered.cnf	563697	10146449	1930964	5669773	534703	1853399	2076153	3233914	376851	
c5_DD_s3_fl_e1_v1_bug-fourvec-gate-0.dimacs.seq.filtered.cnf	5495	19185	14129	30493	14129	47005	14129	26725	14129	
c5_DD_s3_fl_e1_v1_bug-gate-0.dimacs.seq.filtered.cnf	13426	159808	38001	54230	15591	40724	25164	27286	17882	
c5_DD_s3_fl_e1_v2_bug-gate-0.dimacs.seq.filtered.cnf	6127	98554	18296	29891	7476	22611	11373	11758	11729	
c5_DD_s3_fl_e1_v1_bug-gate-0.dimacs.seq.filtered.cnf	51525	483046	120892	196365	58101	188474	128037	141815	71167	
c5_DD_s3_fl_e1_v1_bug-onevec-gate-0.dimacs.seq.filtered.cnf	6258	102110	16545	27696	7427	23867	11681	12019	12038	
c6288-bug-gate-0.dimacs.seq.filtered.cnf	184222	4466157	840933	6010388	85253	368542	932209	936214	38370	
c6bidw_s.cnf	4229	46084	3063	67355	3660	30017	9428	46857	8330	
c6_DD_s3_fl_e1_v1_bug-fourvec-gate-0.dimacs.seq.filtered.cnf	6093	185684	20395	32000	7925	27088	12972	54024	23449	
c6_DD_s3_fl_e1_v1_bug-gate-0.dimacs.seq.filtered.cnf	2554	205742	8359	15703	4214	18046	8259	18654	12085	
c6_DD_s3_fl_e1_v1_bug-onevec-gate-0.dimacs.seq.filtered.cnf	19927	526773	48456	293711	24996	103679	61116	102060	18067	
c6_DD_s3_fl_e2_v1_bug-fourvec-gate-0.dimacs.seq.filtered.cnf	5008	160865	14151	28707	6612	29064	14847	16910	24673	
c6n_s.cnf	229931	4131986	1427847	2356831	269480	1913166	1260701	2141062	411975	
c7552-bug-gate-0.dimacs.seq.filtered.cnf	362576	7638305	1646484	2807328	249825	1064605	1606259	1842467	300003	
c7552.cnf	5287	18600	14437	28966	19459	62777	16942	31646	19459	
c7b_s.cnf	2077	11968	105583	396912	1959	8734	93709	106975	1379	
c7n_s.cnf	151088	3124527	943757	2642223	138812	1698380	1148513	1882505	260859	
c880_gr_rcs_w5_shuffled.cnf	177826	3497394	864127	2658571	167010	1700109	1086707	1850901	274697	
c880_gr_rcs_w6_shuffled.cnf	10009	8837590	243277	2562001	12606	1046261	246812	300080	8019	
c8bidw_s.cnf	0	10	0	10	0	9	104248	124188	2	
c8idw_s.cnf	2398	29254	7493	21927	2386	15105	5102	27137	8926	
ca002_shuffled.cnf	3797	41473	10205	37410	3977	31373	7957	37864	9877	
ca256_shuffled.cnf	39	132	39	75	39	103	39	70	39	
ca064_shuffled.cnf	2412	9665	2412	5222	2412	7248	2412	5095	2412	
cache.inv10.ucl.sat.chaff.4.1.bryant.cnf	9882	39816	9882	22308	9882	30989	2412	21605	8646	
cache.inv12.ucl.sat.chaff.4.1.bryant.cnf	48075	704473	236439	543382	67856	200778	176755	379415	36235	
cache.inv14.ucl.sat.chaff.4.1.bryant.cnf	19887	783610	83783	103788	28989	100876	69592	82009	10204	
cache.inv8.ucl.sat.chaff.4.1.bryant.cnf	2359	32580	3177	18614	1496	7769	24996	27311	2254	
c-fat200-1.c1q.cnf	255919	2929268	1040065	2685824	200578	757577	1109698	1713859	179785	
	64094	640273	64094	202501	64094	130935	64094	65854	64094	

Instance name	#MCS	#SAT	Calls	#MCS	#SAT	Calls	#MCS	#SAT	Calls	#MCS	#SAT	Calls	#MCS	#SAT	Calls
dspam_dump_vc1093.cnf	3495	32789	10599	12827	188	597	10588	11328	4424						
dspam_dump_vc1103.cnf	0	2	0	2	0	2	0	2	5026						
dspam_dump_vc1104.cnf	0	2	0	2	0	2	0	2	4328						
dspam_dump_vc949.cnf	0	0	0	0	267	818	11566	12396	226						
dspam_dump_vc950.cnf	0	18	0	18	0	14	0	396	0						
dspam_dump_vc962.cnf	3868	43707	10331	15858	0	10	0	4	18017						
dspam_dump_vc972.cnf	0	2	0	2	0	2	0	2	5666						
dspam_dump_vc973.cnf	0	2	0	2	0	2	0	2	5905						
E00N10.cnf	60546	2332899	881297	3801609	25652	319093	1107444	1185215	41237						
E00N15.cnf	396	10603	10034	92310	16	420	308083	308256	7						
E03N15.cnf	8566	307146	655	6446	97	2166	207234	275676	36						
E04F15.cnf	0	11	0	11	0	13	0	11	15						
E04N18.cnf	1	37	62228	348543	0	8	72079	74997	9						
E05N15.cnf	51	864	174176	1434222	81	1433	232450	233563	5893						
E07N10.cnf	67710	1346301	990994	3672558	33902	347411	1445338	1763041	41633						
E10N10.cnf	57610	1747419	1573668	6284691	31443	420879	1045938	1155046	9318						
E10X15.cnf	5	43	184732	1250414	37	852	239175	240663	57						
E13N10.cnf	33428	687035	1250505	5543491	11952	99853	1189740	1370467	32604						
E13X15.cnf	538	13634	72663	377578	7	186	9693	11485	34						
E15N10.cnf	33061	650459	1164530	5269663	13962	165660	1594125	1900714	5706						
E15N15.cnf	12	321	171202	1008659	1498	35804	221441	234700	39						
edn_20259_10.cnf.0.48000000.unsat.cnf	1014	8082	2338	6368	1368	4734	1743	7185	2922						
edn_20259_8.cnf.0.39000000.unsat.cnf	1416	13397	3450	7047	1944	5538	3532	5608	3080						
edn_20403_10.cnf.0.03000000.unsat.cnf	14224	116167	29117	96749	17133	51217	28527	80162	22669						
edn_20403_12.cnf.0.08000000.unsat.cnf	10153	88770	19888	80325	9235	50503	22963	40223	18993						
edn_20403_8.cnf.0.03000000.unsat.cnf	19126	215745	39594	163158	25103	82840	38620	132290	32691						
edn_22134_10.cnf.0.47000000.unsat.cnf	883	18905	2660	4858	1063	6998	2203	3633	813						
edn_22134_8.cnf.0.38000000.unsat.cnf	1255	23600	2470	9218	1670	7144	2658	8144	2278						
edn_24095_8.cnf.0.21000000.unsat.cnf	1321	18408	3214	7133	1605	6674	3212	6165	2111						
edn_25208_10.cnf.0.58000000.unsat.cnf	1542	12366	3122	12286	1287	8857	3214	6358	1830						
edn_25208_14.cnf.37.38000000.unsat.cnf	291	4779	1522	6346	164	2390	1809	2789	422						
edn_28491_10.cnf.0.46000000.unsat.cnf	956	14503	2660	5429	876	8456	2785	3985	1101						
edn_28491_12.cnf.0.50000000.unsat.cnf	742	11788	1841	5385	446	7883	2024	3451	1130						
edn_28491_6.cnf.0.31000000.unsat.cnf	1870	35737	5300	9028	2458	9001	5269	8002	2048						
edn_2948_14.cnf.0.97000000.unsat.cnf	783	6500	2032	5901	478	6410	2051	2624	906						
edn_5371_10.cnf.0.46000000.unsat.cnf	1107	8101	2543	6495	1527	4247	2358	5968	2831						
edn_5371_12.cnf.0.50000000.unsat.cnf	766	6460	1799	2820	1059	4062	1884	2257	1237						
edn_5371_4.cnf.0.21000000.unsat.cnf	696	4547	696	1585	1989	281970	696	1446	696						
edn_5371_6.cnf.0.30000000.unsat.cnf	1929	14055	4232	10572	2453	7263	4246	7482	3957						
edn_9789_21.cnf.46.05000000.unsat.cnf	248	3551	699	3295	40	1035	726	2896	61						
edn_9789_6.cnf.0.31000000.unsat.cnf	3382	24463	8042	17249	3594	14714	8026	13367	8135						
edn_9789_8.cnf.0.51000000.unsat.cnf	1926	16513	3876	13148	2289	9830	5411	7634	3693						
elf.rf10.ucl.sat.chaff.4.1.bryant.cnf	2674	25401	10708	55647	3168	23481	22470	31103	2598 2598						
elf.rf6.ucl.sat.chaff.4.1.bryant.cnf	121	488	121	219	121	294	121	186	121						
elf.rf7.ucl.sat.chaff.4.1.bryant.cnf	6759	84976	6759	30144	6759	104400	6759	15108	6759						
elf.rf8.ucl.sat.chaff.4.1.bryant.cnf	69012	1145816	206100	602248	65719	738055	185445	412948	61216						

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#MCS
elf.rf9.uc1.sat.chaff.4.1.bryant.cnf	9513	80213	50891	137586	11871	66403	46210	120134	46210	120134
eq.atree.braun.7.unsat.cnf	1345	4962	1564	3880	1564	5048	1564	3261	1564	3261
example2-gr_2pin_w5.shuffled.cnf	11808	5854442	182593	2207697	14790	299727	180088	198568	180088	198568
example2-gr_rcs_w5.shuffled.cnf	28918	9570543	450602	6313176	18097	2648889	461599	553539	461599	553539
f6b.cnf	6183	112879	29062	143206	8455	70499	26553	142200	26553	142200
f6n.cnf	4237	85787	33444	126950	8033	68428	28877	120698	28877	120698
f7b.cnf	2359	32009	7857	76017	1456	7097	5056	72514	5056	72514
f7.cnf	2139	26889	6216	107339	1789	8492	15859	80002	15859	80002
fdmus_b14_134.cnf	47266	200981	152331	345243	51505	164018	1012615	1043972	1012615	1043972
fdm_b14_141.cnf	15858	69292	49792	114327	46540	148125	58044	90672	58044	90672
fdm_b14_210.cnf	13556	59361	58378	130544	55192	175733	75210	114758	75210	114758
fdm_b15_291.cnf	3139	18672	16727	46554	23463	88402	18049	38249	18049	38249
fdm_b15_294.cnf	2391	15242	21202	55415	23091	91813	18829	44377	18829	44377
fdm_b15_296.cnf	3221	20170	428493	1041722	22525	88670	20549	44746	20549	44746
fdm_b15_303.cnf	2664	27127	18304	57647	19076	82600	16514	42849	16514	42849
fdm_b15_304.cnf	2333	15425	19358	55642	20332	86993	18725	44993	18725	44993
fdm_b15_307.cnf	1554	11452	394964	1448468	19388	86418	19200	43722	19200	43722
fdm_b15_421.cnf	10815	69647	353562	771608	90621	367681	467567	499686	467567	499686
fdm_b15_463.cnf	10167	72679	399868	736176	66454	308064	172659	211314	172659	211314
fdm_b17_1037.cnf	16223	125778	435431	748205	101947	453523	545138	614946	545138	614946
fdm_b17_1324.cnf	3753	24490	75072	138879	31558	122576	431709	475638	431709	475638
fdm_b17_1327.cnf	4142	27885	38665	87535	30541	120861	138750	220447	138750	220447
fdm_b17_1456.cnf	9223	65978	518721	1031054	62601	299440	153010	226412	153010	226412
fdm_b17_420.cnf	4697	18796	244653	563793	76329	222627	35269	43473	35269	43473
fdm_b20_141.cnf	4905	20626	13499	28888	17234	54507	15092	26414	15092	26414
fdm_b20_171.cnf	4978	21095	30311	65801	20348	62883	29892	45170	29892	45170
fdm_b20_238.cnf	3926	16242	90857	145592	34104	113617	80716	110419	80716	110419
fdm_b20_240.cnf	11543	55974	129199	292738	43908	159340	110275	159705	110275	159705
fdm_b20_341.cnf	25885	109420	92053	212432	47652	162595	91081	144835	91081	144835
fdm_b20_349.cnf	7456	30855	40015	79375	33225	100776	41294	59728	41294	59728
fdm_b20_381.cnf	7518	31951	32687	65662	35703	106546	30235	44926	30235	44926
fdm_b20_388.cnf	4383	18751	11852	26032	30465	89537	11628	22280	11628	22280
fdm_b20_424.cnf	5545	23748	18018	38759	28278	86763	17581	30686	17581	30686
fdm_b20_492.cnf	4420	18083	126773	201902	58650	184706	138189	167641	138189	167641
fdm_b20_498.cnf	9183	37344	128508	226735	67330	211575	122046	153557	122046	153557
fdm_b21_111.cnf	3880	16083	13010	30525	15186	50740	12163	25179	12163	25179
fdm_b21_112.cnf	3946	16840	8638	21890	16646	53778	9513	19851	16646	53778
fdm_b21_167.cnf	4773	20408	24730	52474	22630	73176	28714	43704	28714	43704
fdm_b21_242.cnf	7855	35188	97184	194020	40502	147927	92756	131143	92756	131143
fdm_b21_250.cnf	6124	27033	75866	140831	39074	133176	96906	128900	96906	128900
fdm_b21_359.cnf	4807	20221	11764	26741	19954	62175	13390	27404	13390	27404
fdm_b21_422.cnf	3700	15288	8711	20686	19871	61298	10934	19673	10934	19673
fdm_b21_481.cnf	6540	26648	85637	138830	54323	174019	114135	140096	114135	140096
fdm_b21_486.cnf	5580	22117	153240	258359	55867	179067	125778	154978	125778	154978
fdm_b21_96.cnf	9714	41914	53063	129735	28810	104911	59948	89570	59948	89570
fdm_b22_102.cnf	8010	35583	23856	50079	21311	68223	29310	47322	29310	47322

Instance name	#MCS	#SAT	Calls	Enum-ELS	#MCS	#SAT	Calls	Enum-ELS-RMR	#MCS	#SAT	Calls	Enum-ELS-Cache	#MCS	#SAT	Calls	Enum-ELS-RMR-Cache	#MCS	#SAT	Calls
fdmus_b22_113.cnf	3576	15024	11401	26719	12615	43066	14473	25801	37884										
fdmus_b22_133.cnf	6495	27920	31038	67984	25079	82048	41143	64264	38864										
fdmus_b22_141.cnf	3564	15042	18903	39907	17040	54473	24784	38397	10630										
fdmus_b22_162.cnf	18046	77692	38532	87116	30433	102014	48318	74596	46465										
fdmus_b22_172.cnf	5128	22166	20419	41720	17851	57265	18302	31900	15780										
fdmus_b22_241.cnf	4482	19705	83841	134302	28602	95646	88971	111434	40481										
fdmus_b22_355.cnf	3844	16972	7661	19150	14789	48566	10838	22164	11597										
fdmus_b22_356.cnf	4970	21082	14192	32447	16327	52049	11050	22768	9345										
fdmus_b22_488.cnf	9750	42537	116382	204468	49182	165937	111779	144815	63621										
fdmus_b22_600.cnf	5600	21317	7592	16878	10635	31439	175885	183534	9143										
fdmus_b22_662.cnf	5169	19873	8314	17465	13487	39569	8377	14961	9271										
fdmus_b22_669.cnf	6592	25377	8361	17040	9556	27409	8932	18621	10383										
fifo4_33.cnf	41304	516613	213472	365964	43868	302914	189166	227176	19833										
fifo8_100.shuffled.cnf	2761	28931	26432	50934	582	6356	26816	33069	1170										
fifo8_300.shuffled.cnf	8	777	630	5046	6	158	3945	15049	0										
fpu1-problem.dimacs_13.filtered.cnf	6473	88427	16914	30970	7757	33997	14677	21581	7129										
fpu2-problem.dimacs_16.filtered.cnf	23	713	23	732	12213	61438	23	770	23										
fpu3-hack-problem.dimacs_17.filtered.cnf	6492	93745	16300	45232	7040	38722	16774	35636	7999										
fpu3-problem.dimacs_18.filtered.cnf	5339	81818	11924	45803	5962	27637	12532	37395	8544										
fpu4-problem.dimacs_19.filtered.cnf	5899	65608	12664	66178	6881	23913	13579	31680	7532										
fpu5-problem.dimacs_20.filtered.cnf	1826	18626	4263	11365	1909	11262	4494	8814	4620										
fpu7-hack-problem.dimacs_23.filtered.cnf	6142	83339	14361	49695	6657	48495	14209	43012	10235										
fpu7-problem.dimacs_22.filtered.cnf	4949	79496	15147	27703	6035	25513	15803	16891	9485										
fpu8-problem.dimacs_24.filtered.cnf	3819	44746	8015	19666	4043	24011	10206	10998	6851										
fpu_fsm1-problem.dimacs_15.filtered.cnf	4095	66842	9480	28238	4522	22579	10455	17923	6443										
fpu_multivec1-problem.dimacs_14.filtered.cnf	16	349	16	415	16	330	16	391	16										
g6b.cnf	7349	79503	146175	319786	20314	248617	108614	383732	9744										
g6bid.cnf	3861	35627	30072	102400	10063	56751	30574	85944	5594										
g6n.cnf	4938	47325	128092	418777	21327	251745	168760	219537	17120										
g7b.cnf	2769	30745	9172	73371	11776	74563	9204	85029	4759										
g7n.cnf	3293	29062	16125	95445	12103	79301	17514	84357	8532										
gus-md5-05.cnf	0	3	0	3	0	2	0	3	0										
gus-md5-06.cnf	0	3	0	3	0	3	0	3	0										
hamming10-2.clq.cnf	103210	42589970	654866	239189246	104454	324074	2487493	2494600	35082										
hamming10-4.clq.cnf	111572	39940029	892491	259605308	114867	314032	2895409	2905372	43295										
hamming6-2.clq.cnf	61756	56388663	173569	143361345	66715	463057	1170464	1174376	7815										
hamming6-4.clq.cnf	120968	38664881	1052590	260344028	115309	379101	3073251	3074250	62201										
hamming8-2.clq.cnf	96143	43663380	573577	226447551	96184	313485	2233176	2242154	33478										
hamming8-4.clq.cnf	150586	35252766	1634061	294341240	148719	361153	4231536	4241862	103536										
hsat_vc1803.cnf	328	10333	328	9713	328	836	328	9711	328										
hsat_vc1813.cnf	328	11532	328	10923	328	799	328	10926	328										
hsat_vc1817.cnf	328	9349	328	8606	328	797	328	8604	328										
hsat_vc18194.cnf	328	7235	328	6433	328	928	328	6430	328										
hsat_vc12016.cnf	328	6846	328	6211	328	786	328	6209	328										
hsat_vc12070.cnf	329	8157	329	7498	329	869	329	7497	329										
hsat_vc12072.cnf	329	9274	329	8687	329	794	329	8687	329										

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls
mem_ctrl-debug.dimacs.cnf	7142	82115	20592	26048	8989	21507	11742	13305	7387	
mem_ctrl-problem.dimacs.27.filtered.cnf	17	2499	0	2	0	0	0	0	151	
minand016.cnf	1995	9848	1995	7115	1995	7424	1995	6772	1995	
minand064.cnf	889	5661	5167	9641	918	3195	4355	8833	2607	
minxor032.cnf	995	3951	4169	7640	500	1414	4325	7794	3180	
minxorminand032.cnf	1187	5707	4070	7119	764	2801	2935	5477	11353	
mot_comb1._red-gate-0.dimacs.seq.filtered.cnf	345345	18728984	1818783	2728293	262472	765604	1975182	1975637	602379	
mot_comb2._red-gate-0.dimacs.seq.filtered.cnf	232596	11885443	862308	1293553	336397	1126235	930096	930197	264426	
mot_comb3._red-gate-0.dimacs.seq.filtered.cnf	148762	2404891	347041	524247	128011	421729	293856	303045	173960	
mrisc-debug.dimacs.cnf	1034	10926	2506	7467	1041	6308	2691	6951	2797	
mrisc_mem2wire1.dimacs.filtered.cnf	3718	72900	8520	25382	4417	18003	8966	10002	11490	
mrisc_mem2wire-problem.dimacs.29.filtered.cnf	835	11740	719	9058	1159	4688	863	7117	1533	
mulhs008.cnf	1074	3886	2456	3987	2139	5759	2504	3766	585	
ooo.rf10.ucl.sat.chaff.4.1.bryant.cnf	1757	15740	21894	82463	1821	11230	7505	37095	1728	
ooo.rf6.ucl.sat.chaff.4.1.bryant.cnf	189146	2513971	868542	2416239	150765	1226695	747785	1204618	216362	
ooo.rf7.ucl.sat.chaff.4.1.bryant.cnf	103072	1039116	432933	1259334	79596	475705	350033	602074	25261	
ooo.rf8.ucl.sat.chaff.4.1.bryant.cnf	7683	67219	101547	298810	34135	292545	89293	162224	5864	
ooo.rf9.ucl.sat.chaff.4.1.bryant.cnf	4758	33942	52100	122127	4501	25165	21513	61373	4748	
ooo.tag10.ucl.sat.chaff.4.1.bryant.cnf	19036	285169	88299	413920	21421	217941	73726	269354	29330	
ooo.tag12.ucl.sat.chaff.4.1.bryant.cnf	4914	77367	12079	182181	8836	63481	16350	159899	7507	
ooo.tag14.ucl.sat.chaff.4.1.bryant.cnf	4172	42977	7006	71681	4316	35249	8064	63570	3616	
ooo.tag8.ucl.sat.chaff.4.1.bryant.cnf	127425	1870667	335670	1388370	106064	888319	299821	726630	158730	
p_hat1000-1.clq.cnf	215906	15930662	4434807	103757241	206369	431053	6169067	6221668	629676	
p_hat1000-2.clq.cnf	161092	28173144	2463934	261233585	161373	353051	4939986	4953604	174940	
p_hat1000-3.clq.cnf	216925	38785399	1218074	281884001	140994	326983	3414951	3418483	63512	
p_hat300-1.clq.cnf	166847	15442637	4592163	114402236	215885	499499	5753559	5805353	797888	
p_hat300-2.clq.cnf	135417	42741435	2412467	254327316	166390	376557	4271691	4277939	175856	
p_hat300-3.clq.cnf	182777	19190922	3594917	183751469	187008	401659	5702481	5716562	380286	
p_hat500-1.clq.cnf	149404	32536734	1973781	264806674	154278	361265	4451015	4452483	104786	
p_hat500-2.clq.cnf	129955	42475099	1076703	272866415	133899	330241	3194477	3209574	55005	
p_hat500-3.clq.cnf	206280	18587582	5042074	183683124	205723	433608	5208303	5208829	434329	
p_hat700-1.clq.cnf	161232	31507993	2395982	307811649	159661	373626	5091849	5093009	145048	
p_hat700-3.clq.cnf	134282	42095302	1152866	270437796	138536	331224	3321040	3324386	60085	
post-cbmc-aes-d-r1-noholes.cnf	10903	54649	22705	72927	7264	27132	21163	68360	4639	
queuinvar12.cnf	5617	23957	5617	13399	5617	19124	5617	11298	5617	
queuinvar14.cnf	7266	30814	7266	16718	7266	25045	7266	14752	7266	
queuinvar20.cnf	5988	22413	14056	31463	14056	50582	14056	29261	14056	
queuinvar4.cnf	1062	4799	1062	2931	1062	3331	1062	2318	1062	
queuinvar8.cnf	2429	10625	2429	6410	2429	7977	2429	5343	2429	
rand_net40-25-10.shuffled.cnf	4323	19539	5123	18816	5123	18582	5123	16912	5123	
rand_net40-25-1.shuffled.cnf	242768	3870340	1740360	5412635	42648	1010333	1413657	1806214	17024	
rand_net40-25-5.shuffled.cnf	1702	8121	4222	16600	4841	18555	4304	15717	4841	
rand_net40-30-5.shuffled.cnf	1449	7901	3391	14565	5825	25430	3565	13762	5825	
rand_net50-25-5.shuffled.cnf	1033	4284	2796	7264	5037	16071	2619	6739	6239	

Instance name	Enum-ELS		Enum-ELS-RMR		Enum-ELS-Cache		Enum-ELS-RMR-Cache		mcs-cache-els	
	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls	#MCS	#SAT Calls
rand_net50-30-1.shuffled.cnf	2040	14207	4187	23973	8385	66375	4141	21821	13286	
rand_net50-40-5.shuffled.cnf	2213	10116	3831	13766	573	1836	4063	12974	333	
rand_net60-25-5.shuffled.cnf	0	14	0	14	0	13	0	14	11	
rand_net60-30-10.shuffled.cnf	2892	11466	4782	11336	0	7	3980	8680	100	
rand_net70-25-1.shuffled.cnf	986	4537	2986	9676	5520	18524	3068	10048	6610	
rand_net70-25-5.shuffled.cnf	0	12	0	12	0	6	0	12	0	
rand_net70-30-1.shuffled.cnf	2283	16396	4597	30209	10564	76231	6384	31190	3298	
rand_net70-60-1.shuffled.cnf	3381	31899	193148	567641	5046	33301	147269	225879	2283	
rbcl_xits_06_UNSAT.cnf	354	101265	197	6124	0	12	0	14	2	
rsdecoder1_blackbox_CSEblock-problem.dimacs.32.filtered.cnf	2733	41931	6944	18123	3034	19223	8165	13197	3343	
rsdecoder1_blackbox_KESblock-problem.dimacs.30.filtered.cnf	1021	20718	1358	15489	1109	9741	1526	14282	1150	
rsdecoder1.dimacs.filtered.cnf	23	1010	4744	20780	196	1579	6022	7507	903	
rsdecoder2.dimacs.filtered.cnf	814	27511	1968	6751	1032	9024	2085	4608	7	
rsdecoder3.dimacs.filtered.cnf	2430	43642	4580	19445	2452	19337	6421	7425	1113	
rsdecoder4.dimacs.filtered.cnf	3683	45095	7967	17896	106	4948	0	32	312	
rsdecoder5.dimacs.filtered.cnf	0	111	0	111	0	111	0	111	1520	
rsdecoder6.dimacs.filtered.cnf	2734	70377	6730	26565	248	11731	6835	17361	3744	
rsdecoder-debug.dimacs.cnf	183	2265	914	1821	205	1324	756	1568	14	
rsdecoder_fsm1.dimacs.filtered.cnf	1037	28444	7920	19493	145	4961	6231	8437	4062	
rsdecoder_fsm2.dimacs.filtered.cnf	2111	44594	4446	21608	2547	14165	5742	12138	1857	
rsdecoder_multivec1.dimacs.filtered.cnf	838	51199	4046	9479	8	429	3218	4720	0	
rsdecoder_multivec1-problem.dimacs.33.filtered.cnf	548	40912	1559	4644	366	4291	1832	5576	0	
rsdecoder-problem.dimacs.31.filtered.cnf	354	8302	818	4595	0	88	715	4429	41	
rsdecoder-problem.dimacs.34.filtered.cnf	3333	40746	7146	21102	3601	17120	7350	15923	1472	
rsdecoder-problem.dimacs.36.filtered.cnf	283	5631	499	7012	342	4654	726	4769	253	
rsdecoder-problem.dimacs.37.filtered.cnf	215	5564	550	5562	0	21	593	3875	0	
rsdecoder-problem.dimacs.38.filtered.cnf	377	8069	786	5445	0	33	738	5342	24	
rsdecoder-problem.dimacs.39.filtered.cnf	368	9418	1143	8547	491	4583	699	4304	493	
rsdecoder-problem.dimacs.40.filtered.cnf	34	3055	663	4607	245	3984	627	4440	171	
rsdecoder-problem.dimacs.41.filtered.cnf	366	5585	701	4763	348	5006	764	4233	34	
s15850-bug-fourvec-gate-0.dimacs.seq.filtered.cnf	10357	518362	34172	44469	14648	39952	34899	40430	57302	
s15850-bug-onevec-gate-0.dimacs.seq.filtered.cnf	68632	956554	158133	209434	76555	198484	154089	181629	268946	
s38584-bug-onevec-gate-0.dimacs.seq.filtered.cnf	2421	121798	10976	14614	1569	100619	8159	8409	4824	
san1000.clq.cnf	164472	28992761	2126257	267355880	161141	384535	3721843	3737279	186240	
san200_0.7_1.clq.cnf	130585	35982779	1221173	276184760	133808	324571	3701597	3724902	73260	
san200_0.7_2.clq.cnf	138863	38453305	1223060	266420694	138299	334832	3623465	3632426	71884	
san200_0.9_1.clq.cnf	115455	40124956	931073	261152327	116330	315547	3004481	3011253	52883	
san200_0.9_2.clq.cnf	116613	40899660	870362	265329976	117811	312792	2847050	2908002	49843	
san200_0.9_3.clq.cnf	115625	41016664	890363	271124766	116607	309338	2955438	2959429	47960	
san400_0.5_1.clq.cnf	155964	29388757	1985295	282744558	1153297	348122	4630249	4667421	147791	

Instance name	#MCS	#SAT	Calls	#MCS	#SAT	Calls	#MCS	#SAT	Calls	#MCS	#SAT	Calls	#MCS
san400-0.7-1.clq.cnf	131686	36407616	1232353	280569996	130819	326287	3643219	3685344	74557				
san400-0.7-2.clq.cnf	129862	36150138	1190854	269446599	130230	318491	3580493	3585075	71988				
san400-0.7-3.clq.cnf	134492	36278987	1303695	270052654	138926	334792	3645931	3650426	72673				
san400-0.9-1.clq.cnf	120081	40592521	923093	266250520	119622	317028	3066056	3078752	47257				
sansr200-0.7.clq.cnf	136728	36719694	1228162	269697999	142137	333105	3802405	3812822	73416				
sansr200-0.9.clq.cnf	117926	39864632	927230	263937444	119229	306129	3085997	3093631	49504				
sansr400-0.5.clq.cnf	162292	30643797	1888505	277790768	156887	348856	4461926	4475086	124640				
sansr400-0.7.clq.cnf	139690	37643069	1300445	279249422	141468	342712	3786173	3795535	84178				
slp-synthesis-aes-top20.cnf	1	25	1	25	0	21	1	25	0				
SM_AS_TOP_buggy1.dimacs.filtered.cnf	1826	314327	7969	35894	3681	50442	9044	21775	420				
SM_MAIN_MFM_buggy1.dimacs.filtered.cnf	83	49319	645	4397	364	11665	799	3661	45				
SM_RX_TOP.dimacs.filtered.cnf	2554	63635	6709	14324	3214	13350	5707	9126	2206				
smulo016.cnf	478	1583	38259	62647	313	752	161962	170505	1466				
spi2.dimacs.filtered.cnf	3661	99887	10585	29178	4758	24994	10798	21126	3507				
spi-debug.dimacs.cnf	1045	7457	2575	5962	1062	5481	2494	5579	1742				
spi-problem.dimacs_42.filtered.cnf	809	8661	2064	6135	843	6276	1991	6407	824				
ssa2670-129.cnf	478050	6270126	1859991	6682935	41443	996412	1512997	2412851	636558				
ssa2670-132.cnf	481278	6351131	1820798	7152781	103076	700522	1583760	2508455	662180				
ssa2670-133.cnf	475839	6271238	1866144	6730236	101080	699147	1615921	2609884	628036				
ssa2670-140.cnf	1997	12100	1997	6143	359504	7469628	1997	4338	1997				
sudoku-debug.dimacs.cnf	1043	6547	2275	4814	1092	5307	2742	3728	2332				
t3pm3-5555.spn.cnf	263174	9234161	2491648	46605881	267044	561739	1252943	1369799	739430				
t4pm3-6666.spn.cnf	256129	18431326	4404732	101224530	239844	506678	4908636	4930948	718420				
t5pm3-7777.spn.cnf	264422	36049381	3026622	126427625	230405	562674	4950576	4967999	226336				
t6pm3-8888.spn.cnf	197180	45141601	2616513	89497120	81580	748511	3760360	3851480	77969				
t7pm3-9999.spn.cnf	142302	50655869	2056523	118846794	38852	1255834	2754841	2842868	42436				
term1_gr_2pin_w3.shuffled.cnf	197361	26888445	2123726	19740149	60639	1454214	2327331	2346328	195877				
term1_gr_rcs_w3.shuffled.cnf	331248	33079004	3223781	17880072	90230	1612347	3887403	4110391	480611				
too_large_gr_rcs_w5.shuffled.cnf	13323	9922952	291277	3717823	5768	2291512	298516	327282	6544				
too_large_gr_rcs_w6.shuffled.cnf	13225	4076309	169533	1968783	145	22031	159741	272211	0				
total-5-1-1-u.cnf	0	16	0	16	4	37	0	16	0				
transport-transport-city-sequential-35nodes-1000size-4degree-100mindistance-4trucks-14packages-2008seed.010-NOTKNOWN.cnf	0	9	0	9	0	8	0	9	0				
transport-transport-city-sequential-35nodes-1000size-4degree-100mindistance-4trucks-14packages-2008seed.010-NOTKNOWN.cnf	0	8	0	8	0	13	0	8	2				
transport-transport-three-cities-sequential-14nodes-1000size-4degree-100mindistance-4trucks-14packages-2008seed.010-NOTKNOWN.cnf	2213	81038	13261	27792	226	7991	11551	22053	967				
UCG-10-10t0.cnf	1814	48381	6154	14140	599	12093	6113	9483	901				
UCG-20-5t0.cnf	2782	43332	12161	34058	350	9379	12166	16377	1114				
UR-10-10t0.cnf	1	58	220	586	2	17	0	47	0				
UR-10-5p0.cnf	1936	39362	7051	21235	65	10396	7404	9697	1667				
UR-15-10t0.cnf	1437	18983	7879	26690	441	8001	7766	13407	2044				
UR-15-5t0.cnf	1902	34056	6198	12973	746	10173	6177	8709	878				

