

buildroot.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	13443	1467	47765	118	79
Negative selection strategy	13081	1829	47952	139	71
Positive selection strategy	11994	2916	14739	107	119
Maximize negative vars	13436	1474	47757	118	76
Minimize negative vars	9241	5669	7995	29	60

axTLS.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	640	44	806	21	2
Negative selection strategy	592	92	514	19	1
Positive selection strategy	514	170	40	0	1
Maximize negative vars	640	44	806	21	2
Minimize negative vars	514	170	40	0	1

busybox-1.18.0.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	6274	522	40717	113	32
Negative selection strategy	5743	1053	26839	106	22
Positive selection strategy	5321	1475	1583	19	13
Maximize negative vars	6248	548	35091	105	29
Minimize negative vars	5271	1525	982	10	8

2.6.32-2var.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	53014	7058	73853	198	475
Negative selection strategy	52494	7578	79429	373	663
Positive selection strategy	47043	13029	119820	437	1305
Maximize negative vars	53069	7003	78897	192	379
Minimize negative vars	41392	18680	82383	92	674

freebsd-icse11.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	1391	5	747	0	15
Negative selection strategy	1391	5	747	0	15
Positive selection strategy	419	977	1219	4	18
Maximize negative vars	1391	5	747	0	14
Minimize negative vars	341	1055	1304	4	18

coreboot.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	10314	1954	11958	108	60
Negative selection strategy	10373	1895	16625	159	86
Positive selection strategy	6332	5936	582	12	25
Maximize negative vars	10327	1941	16752	106	82
Minimize negative vars	6164	6104	499	2	23

uClinux.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	1843	7	303	0	1
Negative selection strategy	1843	7	303	0	1
Positive selection strategy	1237	613	303	0	1
Maximize negative vars	1843	7	303	0	1
Minimize negative vars	1237	613	303	0	1

uClinux-config.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	10608	646	73736	141	69
Negative selection strategy	9602	1652	16038	48	20
Positive selection strategy	8335	2919	4391	34	36
Maximize negative vars	10608	646	73830	141	68
Minimize negative vars	8322	2932	2604	20	22

fiasco.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	1370	268	834	15	2
Negative selection strategy	1377	261	752	21	2
Positive selection strategy	1410	228	33	2	1
Maximize negative vars	1370	268	834	15	2
Minimize negative vars	1411	227	34	2	1

freetz.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	29910	1102	290602	111	348
Negative selection strategy	24614	6398	215505	133	282
Positive selection strategy	21501	9511	17607	43	148
Maximize negative vars	29942	1070	263551	115	325
Minimize negative vars	21504	9508	10463	29	80

2.6.33.3-2var.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	55268	7214	101405	192	652
Negative selection strategy	54753	7729	91174	325	462
Positive selection strategy	47679	14803	123624	409	1291
Maximize negative vars	55202	7280	107776	201	608
Minimize negative vars	43155	19327	66970	71	609

2.6.28.6-icse11.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	6756	132	4869	5	59
Negative selection strategy	6757	131	4869	5	61
Positive selection strategy	768	6120	4602	1	18
Maximize negative vars	6756	132	4869	5	65
Minimize negative vars	768	6120	4602	1	19

embtoolkit.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	14690	8826	11767	124	131
Negative selection strategy	15686	7830	7958	133	436
Positive selection strategy	13236	10280	2798	36	84
Maximize negative vars	14691	8825	10533	127	131
Minimize negative vars	14118	9398	2655	26	82

ecos-icse11.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	1244	0	45	0	1
Negative selection strategy	1244	0	45	0	1
Positive selection strategy	90	1154	386	0	1
Maximize negative vars	1244	0	45	0	1
Minimize negative vars	90	1154	386	0	1

toybox.dimacs

Test	Negative Vars	Positive Vars	Decisions	Conflicts	Time(s)
Normal Sat4j	516	28	555	11	0
Negative selection strategy	510	34	492	13	1
Positive selection strategy	425	119	42	0	0
Maximize negative vars	516	28	555	11	1
Minimize negative vars	425	119	42	0	1