Queens

# queens	Run Time of cmodels (mchaff)	Run Time of smodels
12	0.24(0.18)	• 0.18
15	1.21(1.06)	• 0.47
17	• 1.35(1.17)	2.36
19	• 1.64(1.36)	2.28
21	• 1.73(1.35)	37.26
24	• 2.07(1.55)	466.31

SunBlade 100 Workstation, 500 MHz Ultra Sparc, 128 MB RAM

Queens, all solutions

# q-s	Run Time of cmodels (mchaff)	Run Time of cmodels (relsat)	Run Time of smodels
8	0.25(0.22)	• 0.18(0.15)	0.35
9	0.64(0.58)	• 0.56(0.49)	1.47
10	3.81(3.66)	• 1.78(1.66)	4.87
11	46.78(46.30)	• 7.47(7.13)	22.43

Blocks World, benchmarks

# blocks	# steps	Run time of cmodels (mchaff)	Run time of smodels
15	7	1.39(0.39)	• 1.30
	8	• 1.69(0.55)	4.24
17	8	2.06(0.6)	• 2.02
	9	• 2.51(0.76)	8.21
19	9	2.97(0.84)	• 2.8
	10	• 3.42(0.99)	11.94

Pigeon-holes, 10 pigeons

# holes	Run Time of cmodels (mchaff)	Run Time of smodels
3	0.14 (0.12)	•0.05
4	0.17(0.14)	•0.09
5	•0.15(0.12)	0.37
6	•0.34(0.31)	1.83
7	•4.30(4.25)	9.93
8	•6.86(6.80)	53.34
9	•9.81(9.75)	298.74
10	0.24(0.16)	•0.21

Graph coloring, 4 colors

Graph	Run Time of cmodels (mchaff)	Run Time of smodels
p20	0.10(0.09)	•0.04
p100	•0.31(0.19)	0.59
p600	•1.13(0.40)	21.72
p6000	•77.85(70.22)	>1 hour

Randomly generated planar graph

Web page for cmodels:

http://www.cs.utexas.edu/users/tag/cmodels.html