

## Testset without converse modalities

% of assert	depth	n. of formulae	sat	unsat	unknown	timeouts			% of timeouts		
						HTab	Sibyl	SPASS	HTab	Sibyl	SPASS
<b>Tot</b>		<b>4860</b>	<b>2461</b>	<b>2385</b>	<b>14</b>	<b>69</b>	<b>181</b>	<b>317</b>	<b>1.42</b>	<b>3.72</b>	<b>6.52</b>
0	2	180	92	88	0	1	6	0	0.56	3.33	0.00
0	3	180	90	90	0	0	1	3	0.00	0.56	1.67
0	4	180	83	97	0	0	5	2	0.00	2.78	1.11
0	5	180	95	85	0	1	6	5	0.56	3.33	2.78
0	6	180	90	90	0	2	3	4	1.11	1.67	2.22
0	7	180	92	88	0	4	10	5	2.22	5.56	2.78
0	8	180	93	87	0	4	7	6	2.22	3.89	3.33
0	9	180	97	82	1	3	9	8	1.67	5.00	4.44
0	10	180	95	85	0	2	8	4	1.11	4.44	2.22
50	2	180	92	88	0	1	7	0	0.56	3.89	0.00
50	3	180	89	90	1	1	2	6	0.56	1.11	3.33
50	4	180	83	97	0	0	4	7	0.00	2.22	3.89
50	5	180	95	85	0	2	7	9	1.11	3.89	5.00
50	6	180	89	91	0	2	5	10	1.11	2.78	5.56
50	7	180	92	88	0	4	12	13	2.22	6.67	7.22
50	8	180	92	87	1	4	6	14	2.22	3.33	7.78
50	9	180	96	83	1	3	10	18	1.67	5.56	10.00
50	10	180	93	86	1	4	9	17	2.22	5.00	9.44
100	2	180	92	88	0	1	7	3	0.56	3.89	1.67
100	3	180	90	90	0	1	1	16	0.56	0.56	8.89
100	4	180	82	98	0	1	5	12	0.56	2.78	6.67
100	5	180	95	85	0	3	8	20	1.67	4.44	11.11
100	6	180	87	92	1	3	4	16	1.67	2.22	8.89
100	7	180	91	89	0	5	11	27	2.78	6.11	15.00
100	8	180	91	87	2	4	7	25	2.22	3.89	13.89
100	9	180	95	83	2	6	11	35	3.33	6.11	19.44
100	10	180	90	86	4	7	10	32	3.89	5.56	17.78

## Sat/unsat partitioning

% of assert	depth	sat	unsat	HTab				Sibyl				SPASS			
				timeout on sat	timeout on unsat	% on sat	% on unsat	timeout on sat	timeout on unsat	% on sat	% on unsat	timeout on sat	timeout on unsat	% on sat	% on unsat
<b>Tot</b>		<b>2461</b>	<b>2385</b>	<b>54</b>	<b>2</b>	<b>1.11</b>	<b>0.04</b>	<b>147</b>	<b>21</b>	<b>3.02</b>	<b>0.43</b>	<b>304</b>	<b>0</b>	<b>6.26</b>	<b>0.00</b>
0	2	92	88	1	0	1.09	0.00	5	1	5.43	1.14	0	0	0.00	0.00
0	3	90	90	0	0	0.00	0.00	1	0	1.11	0.00	3	0	3.33	0.00
0	4	83	97	0	0	0.00	0.00	4	1	4.82	1.03	2	0	2.41	0.00
0	5	95	85	1	0	1.05	0.00	5	1	5.26	1.18	5	0	5.26	0.00
0	6	90	90	2	0	2.22	0.00	3	0	3.33	0.00	4	0	4.44	0.00
0	7	92	88	4	0	4.35	0.00	8	2	8.70	2.27	5	0	5.43	0.00
0	8	93	87	4	0	4.30	0.00	6	1	6.45	1.15	6	0	6.45	0.00
0	9	97	82	2	0	2.06	0.00	8	0	8.25	0.00	7	0	7.22	0.00
0	10	95	85	2	0	2.11	0.00	7	1	7.37	1.18	4	0	4.21	0.00
50	2	92	88	1	0	1.09	0.00	6	1	6.52	1.14	0	0	0.00	0.00
50	3	89	90	0	0	0.00	0.00	1	0	1.12	0.00	5	0	5.62	0.00
50	4	83	97	0	0	0.00	0.00	3	1	3.61	1.03	7	0	8.43	0.00
50	5	95	85	2	0	2.11	0.00	6	1	6.32	1.18	9	0	9.47	0.00
50	6	89	91	2	0	2.25	0.00	5	0	5.62	0.00	10	0	11.24	0.00
50	7	92	88	4	0	4.35	0.00	10	2	10.87	2.27	13	0	14.13	0.00
50	8	92	87	3	0	3.26	0.00	4	1	4.35	1.15	13	0	14.13	0.00
50	9	96	83	2	0	2.08	0.00	9	0	9.38	0.00	17	0	17.71	0.00
50	10	93	86	3	0	3.23	0.00	7	1	7.53	1.16	16	0	17.20	0.00
100	2	92	88	1	0	1.09	0.00	6	1	6.52	1.14	3	0	3.26	0.00
100	3	90	90	1	0	1.11	0.00	1	0	1.11	0.00	16	0	17.78	0.00
100	4	82	98	1	0	1.22	0.00	4	1	4.88	1.02	12	0	14.63	0.00
100	5	95	85	3	0	3.16	0.00	7	1	7.37	1.18	20	0	21.05	0.00
100	6	87	92	1	1	1.15	1.09	3	0	3.45	0.00	15	0	17.24	0.00
100	7	91	89	5	1	5.43	1.12	10	2	10.87	2.25	28	0	30.43	0.00
100	8	91	87	2	0	2.20	0.00	4	1	4.40	1.15	23	0	25.27	0.00
100	9	95	83	4	0	4.21	0.00	9	0	9.47	0.00	33	0	34.74	0.00
100	10	90	86	3	0	3.33	0.00	5	1	5.56	1.16	28	0	31.11	0.00