Result	File	Variant	Total time	Alloc. Memory	Peak Mem- ory	Iteration	BA analy- sis time	BA mini- miza- tion time	Initial property automaton Locations	Initial property automaton Edges	Initial RCFG Loca- tions	Initial RCFG Edges	Initial product Locations	Initial prod- uct Edges	Optimi Prod- uct Loca- tions	zed Optimiz Prod- uct Edges	ed Trivial mod- ules	Determin Noic deterministic mod- mod- ules ules	Remain	Avg Locs derivial mod- ules	Avg Locs deter- minis- tic mod- ules	Avg Locs non- deter- minis- tic mod- ules
Unsafe	Problem14_prop_004.c Problem14_prop_005.c Problem14_prop_005.c Problem14_prop_008.c Problem14_prop_008.c Problem14_prop_020.c Problem14_prop_020.c Problem14_prop_021.c Problem14_prop_021.c Problem14_prop_027.c Problem14_prop_028.c Problem14_prop_028.c Problem14_prop_028.c Problem14_prop_033.c Problem14_prop_033.c Problem14_prop_044.c Problem14_prop_044.c	Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-epf Default-LBE-Multi-NondetBuchi.epf Default-LBE-Multi-NondetBuchi.epf	201.77 s 197.59 s 199.66 s 197.96 s 493.32 s 505.40 s 237.53 s 236.16 s 329.07 s 326.36 s 224.24 s 225.78 s 394.37 s 392.82 s 412.07 s 415.55 s 502.43 s 489.87 s	8109.00 MB 8142.00 MB 7848.00 MB 8145.50 MB 6919.00 MB 7180.00 MB 8148.00 MB 8100.50 MB 6974.50 MB 7027.00 MB 7282.00 MB 7282.00 MB 8119.50 MB 7282.00 MB 8119.50 MB 8112.50 MB 7282.00 MB	1335.78 MB 2620.54 MB 1694.78 MB 2356.77 MB 2019.42 MB 1523.94 MB 1397.51 MB 2590.68 MB 1235.95 MB 1265.85 MB 889.53 MB 2250.07 MB 2434.12 MB 2245.98 MB 866.99 MB 2282.83 MB 1437.68 MB	42 40 40 60 61 51 49 46 46 52 50 39 39 107 107 85 82	193.83 s 190.24 s 192.15 s 190.42 s 480.84 s 492.19 s 230.22 s 229.27 s 316.63 s 313.75 s 216.15 s 218.05 s 385.53 s 384.16 s 405.19 s 408.62 s 493.42 s 480.61 s	4.92 s 4.91 s 10.57 s 9.77 s 10.95 s 11.72 s 2.75 s 2.53 s 10.52 s 10.66 s 2.36 s 2.58 s 31.72 s 32.10 s 13.97 s 14.15 s 17.95 s 17.76 s	3 3 3 3 4 4 4 2 2 2 3 3 3 2 2 6 6 6 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4	6 6 6 8 8 8 3 3 6 6 3 3 15 15 3 9 9	670 670 670 670 670 670 670 670 670 670	853 853 853 853 853 853 853 853 853 853	2.0 K 2.0 K 2.0 K 2.7 K 2.7 K 1.3 K 2.0 K 2.0 K 1.3 K 4.0 K 4.0 K 4.3 K 2.7 K	5.0 K 5.0 K 5.0 K 6.7 K 6.7 K 2.5 K 2.5 K 5.0 K 2.5 K 2.5 K 12.6 K 12.6 K 2.5 K 7.5 K	943 943 943 943 1.5 K 1.5 K 606 606 944 944 606 606 2.0 K 2.0 K 606 943 943	2.7 K 2.7 K 2.7 K 2.7 K 5.1 K 5.1 K 1.5 K 1.5 K 3.7 K 1.5 K 6.2 K 6.2 K 1.6 K 2.7 K	41 41 39 39 59 60 50 48 45 45 45 41 49 38 38 106 106 84 81	0 0 0 0	Nonterminating	9 9 7 7 11 11 12 12 9 9 11 12 7 7 10 10 10 10	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0
Safe	Problem14_prop_000.c Problem14_prop_001.c Problem14_prop_001.c Problem14_prop_001.c Problem14_prop_002.c Problem14_prop_002.c Problem14_prop_003.c Problem14_prop_003.c Problem14_prop_007.c Problem14_prop_007.c Problem14_prop_007.c Problem14_prop_007.c Problem14_prop_001.c Problem14_prop_010.c Problem14_prop_011.c Problem14_prop_011.c Problem14_prop_011.c Problem14_prop_011.c Problem14_prop_011.c Problem14_prop_012.c Problem14_prop_012.c Problem14_prop_013.c Problem14_prop_013.c Problem14_prop_013.c Problem14_prop_013.c Problem14_prop_016.c Problem14_prop_016.c Problem14_prop_016.c Problem14_prop_016.c Problem14_prop_016.c Problem14_prop_018.c Problem14_prop_018.c Problem14_prop_018.c Problem14_prop_023.c Problem14_prop_023.c Problem14_prop_023.c Problem14_prop_023.c Problem14_prop_023.c Problem14_prop_023.c Problem14_prop_023.c Problem14_prop_023.c Problem14_prop_030.c Problem14_prop_031.c Problem14_prop_031.c Problem14_prop_030.c Problem14_prop_031.c Problem14_prop_031.c Problem14_prop_031.c Problem14_prop_031.c Problem14_prop_031.c Problem14_prop_032.c Problem14_prop_032.c Problem14_prop_032.c Problem14_prop_030.c Problem14_prop_030.c Problem14_prop_030.c Problem14_prop_030.c Problem14_prop_030.c Problem14_prop_031.c Problem14_prop_031.c Problem14_prop_032.c Problem14_prop_032.c Problem14_prop_032.c Problem14_prop_030.c Problem14_prop_030.c Problem14_prop_030.c Problem14_prop_030.c Problem14_prop_030.c Problem14_prop_031.c Problem14_prop_032.c Problem14_prop_032.c Problem14_prop_032.c Problem14_prop_032.c Problem14_prop_030.c	Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf Default-LBE-Multi+SBE+SASBE.epf Default-LBE-Multi-Epf Default-LBE-Multi-PondetBuchi.epf Default-LBE-Multi-PondetBuchi.epf Default-LBE-Multi-PondetBuchi.epf Default-LBE-Multi-PondetBuchi.epf Default-LBE-Multi-PondetBuchi.epf Default-LBE-Multi-SBE+SASBE.epf Default-LBE-Multi-SBE+SASBE.epf Default-LBE-Multi-SBE+SASBE.epf Default-LBE-Multi-SBE+SASBE.epf Default-LBE-Multi-PondetBuchi.epf Default-LBE-Multi-PondetBuchi.epf Default-LBE-Multi-SBE+SASBE.epf Default-LBE-Multi-SBE+SASBE+NondetBuchi.epf Default-LBE-Multi-SBE+SASBE-NondetBuchi.epf Default-LBE-Multi-SBE+SASBE-Pf Default-LBE-Multi-	176.64 s 172.62 s 31.14 s 38.22 s 225.48 s 228.85 s 38.46 s 38.67 s 331.20 s 329.46 s 47.94 s 318.31 s 318.00 s 47.96 s 201.01 s 204.45 s 77.22 s 566.38 s 582.87 s 76.40 s	7950.50 MB 6570.00 MB 6076.00 MB 6658.00 MB 66222.00 MB 6661.50 MB 6550.00 MB 7402.50 MB 7512.00 MB 8035.50 MB 6769.00 MB 6769.00 MB 7282.00 MB 7282.00 MB 7282.00 MB 7803.50 MB 8058.50 MB 8052.00 MB 7452.50 MB 7897.00 MB 8038.00 MB 7450.00 MB 7503.00 MB	1952.19 MB 1840.50 MB 1652.48 MB 1068.48 MB 1294.98 MB 3919.88 MB 4585.50 MB 1479.82 MB 2313.13 MB 2076.77 MB 1651.69 MB 1633.55 MB 2250.92 MB 2238.28 MB 1319.16 MB 1501.49 MB 1501.49 MB 1677.52 MB 2728.22 MB 3902.19 MB 1422.72 MB 1240.71 MB 2163.83 MB 3130.43 MB 1625.93 MB 888.73 MB 3179.81 MB 3393.08 MB 1539.05 MB 2291.15 MB 1165.74 MB 1318.49 MB 3393.08 MB 1539.05 MB 2291.15 MB 1165.74 MB 1318.49 MB 3811.24 MB 4418.71 MB 1508.69 MB 2291.15 MB 115.93 MB 1291.15 MB 1318.49 MB 3811.24 MB 4418.71 MB 1508.69 MB 2291.15 MB 1165.74 MB 1318.49 MB 3811.24 MB 4418.71 MB 1508.69 MB 2291.15 MB 115.93 MB 1465.79 MB 115.93 MB 1244.04 MB 4211.03 MB 3245.32 MB 966.52 MB 1271.94 MB 2872.79 MB 1115.93 MB 11468.69 MB 1295.84 MB 1295.84 MB 1295.84 MB	21 30 30 21 25 24 148 148 21 13 20 28 28 20 33 33 19 26 26 19 16 21 21 16 16 29 29 16 18 19 19 18 18 26 26 19 18 19 19 18 18 26 26 19 16 21 21 16 29 29 16 17 28 28 28 29 16 17 21 21 21 21 21 21 21 21 21 21	33.48 s 409.09 s 393.00 s 29.34 s 13.22 s 10.96 s 540.53 s 542.01 s 8.98 s 4.59 s 53.03 s 404.60 s 397.88 s 52.85 s 114.37 s 114.95 s 39.30 s 248.03 s 239.72 s 38.40 s 22.62 s 175.36 s 174.33 s 22.51 s 24.89 s 175.42 s 171.43 s 24.33 s 29.68 s 223.07 s 226.59 s 30.00 s 30.28 s 329.85 s 328.00 s 29.64 s 40.07 s 315.78 s 315.51 s 40.22 s 188.35 s 191.09 s 69.42 s 564.57 s 580.91 s 68.97 s 417.64 s 418.85 s 24.50 s 174.02 s 174.84 s 25.01 s 543.77 s 538.40 s 74.71 s 24.40 s 174.02 s 174.84 s 25.01 s 543.77 s 538.40 s 74.71 s 24.40 s 174.02 s 174.84 s 25.01 s 543.77 s 538.40 s 74.10 s 543.77 s 538.40 s	1.30 s 49.49 s 51.72 s 0.76 s 0.87 s 0.65 s 17.86 s 17.61 s 1.15 s 0.18 s 3.01 s 62.85 s 57.46 s 3.11 s 6.24 s 6.07 s 1.21 s 41.35 s 43.94 s 1.17 s 0.52 s 22.59 s 0.51 s 0.71 s 24.31 s 27.49 s 0.61 s 0.70 s 42.34 s 50.86 s 0.78 s 0.81 s 39.01 s 44.07 s 0.72 s 2.20 s 56.25 s 54.74 s 2.20 s 13.77 s 15.25 s 5.32 s 94.51 s 114.84 s 5.35 s 44.79 s 0.59 s 24.31 s 27.96 s 0.62 s 2.92 s 13.77 s 15.25 s 5.32 s 94.51 s 114.84 s 5.35 s 43.73 s 44.79 s 0.59 s 24.31 s 27.96 s 0.65 s 37.74 s 43.68 s 0.62 s 2.92 s 2.92 s 37.80 s 37.80 s 37.74 s 43.46 s 44.22 s 0.40 s 36.66 s	2 2 2 2 2 1 1 1 2 2 2 1 1 1 4 4 4 4 4 4	3 3 3 3 1 1 3 3 3 1 1 9 9 9 9 9 9 9 9 9	670 670 670 670 670 670 670 670 670 670	853 2.1 K 2.1 K 853 853 853 853 853 853 853 853	2.0 K 1.3 K 2.7 K 2.7 K 2.7 K 2.7 K 2.7 K 2.0 K 2.0 K 4.6 K 1.3 K	18.7 K 7.5 K 7.5 K 12.5	1.7 K 1.3 K 1.5 K 943 1.3 K 1.3 K 943 2.3 K 2.3 K 606 823 606 943 1.3 K	11.5 K 2.7 K 1.5 K 5.3 K 1.5 K 5.3 K 1.5 K 8.0 K 1.5 K 8.0 K 1.5 K 8.0 K 1.5 K 8.1 K 8	20 29 29 20 23 22 147 147 19 11 19 27 27 19 32 32 18 25 25 18 15 20 20 15 15 28 28 15 17 18 18 17 17 25 25 17 16 27 27 16 32 32 32 32 33 40 40 40 40 40 40 40 40 40 40	0 0 0 0		$egin{array}{cccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 18 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

	1 1	<u>-</u>	271.30 s 7380.00 MB		24		34.69 s	2	3	670	2.1 K	1.3 K 6.2	2 K	823 5.3 K	23	0	0	-	3	0	0
	1 1	Default-LBE-Multi.epf		1633.34 MB	15		$0.45 \mathrm{\ s}$	2	3	670	853	1.3 K 2.5		606 1.5 K	14	0	0	-	4	0	0
	1 1	Default-LBE-Multi+NondetBuchi.epf		1968.66 MB	41		44.73 s	7	20	670	853	4.6 K 16.7		2.3 K 7.4 K	40	0	0	-	7	0	0
	Problem14_prop_048.c			1512.88 MB	41		43.59 s	7	20	670	853	4.6 K 16.7		2.3 K 7.4 K	40	0	0	-	7 c	0	0
	Problem14_prop_049.c Problem14_prop_049.c	Default_LBE-Multi+NondetBuchi.epf		1412.11 MB 1071.22 MB	15	109.68 s 109.69 s	5.41 s 5.43 s	7	20	670 670	$853 \\ 853$	4.6 K 16.7 4.6 K 16.7		2.3 K 7.4 K 2.3 K 7.4 K	14 14	0	0	-	6	0	0
									20		000				14	-				-	
	1 1	Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		3811.76 MB		1401.34 s	101.62 s	3	6	670	2.1 K	2.0 K 12.5		1.3 K 8.7 K	44	0	0 Decomposition not		4	0	0
	1 1	Default-LBE-Multi+SBE+SASBE.epf	1395.62 s 7127.50 MB	4701.65 MB 4980.71 MB		1393.58 s 1186.87 s	98.55 s	3	6	670	2.1 K	2.0 K 12.5 2.7 K 7.5		1.3 K 8.7 K 944 2.7 K	44	0	0 Decomposition not	•	4 c	0	19
	1 1			3318.69 MB		1209.47 s	401.80 s 44.34 s	9	9	670 670	853 2.1 K	2.7 K 7.8 1.3 K 6.2		944 2.7 K 823 5.3 K	12 30	0	3 Decomposition not0 Decomposition not	•	5	0	13
		-		3111.53 MB		1209.47 s 1209.98 s	52.57 s	2	3		2.1 K 2.1 K	1.3 K 6.2		823 5.3 K	30	0	0 Decomposition not	•	5 5	0	0
		Default-LBE-Multi.epf		5703.41 MB		1215.64 s	1025.36 s	2	3	670	853	1.3 K 0.2		606 1.5 K	15	6	0 Decomposition not	•	5	$\frac{0}{22}$	0
Timeout	1 1	Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		3696.39 MB		1434.03 s	100.92 s	2	3	670	2.1 K		2 K	823 5.3 K	29	0	0 Decomposition not	•	4	0	0
	1 1	Default-LBE-Multi+SBE+SASBE.epf		4412.49 MB		$1426.49~\mathrm{s}$	$109.40~\mathrm{s}$	2	3	670	$2.1~\mathrm{K}$	1.3 K 6.2		823 5.3 K	29	0	0 Decomposition not		4	0	0
	$Problem14_prop_034.c$	eq:def-def-def-def-def-def-def-def-def-def-	1213.05 s $7282.00 MB$	$4584.17~\mathrm{MB}$	25	$1202.52~\mathrm{s}$	$76.40 \mathrm{\ s}$	2	3	670	$2.1~\mathrm{K}$	1.3 K 6.2	2 K	823 $5.3~\mathrm{K}$	25	0	0 Decomposition not	yet finished	4	0	0
		-	1211.81 s 7282.00 MB		25	1200.94 s	92.33 s	2	3	670	$2.1~\mathrm{K}$	1.3 K 6.2		823 5.3 K	25	0	0 Decomposition not	yet finished	4	0	0
		Default-LBE-Multi+NondetBuchi.epf	1200.02 s 7479.50 MB		0		$0.00 \mathrm{\ s}$	3	6	670	853		0 K	676 2.5 K	-	-	-	-	-	-	-
	Problem14_prop_041.c	Default-LBE-Multi.epf	1200.00 s 7397.50 MB	4058.11 MB	71	1190.52 s	108.31 s	3	6	670	853	2.0 K 5.0	0 K	676 2.5 K	69	1	0 Decomposition not	yet finished	10	155	0
	$Problem 14_prop_001.c$	eq:def:def:def:def:def:def:def:def:def:def		$5830.71~\mathrm{MB}$	0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	1	1	670	$2.1~\mathrm{K}$	671 2.1		183 1.4 K	-	-	-	-	-	-	-
	1 1	Default-LBE-Multi+SBE+SASBE.epf		5879.94 MB	0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	1	1		2.1 K	671 2.1		183 1.4 K	-	-	-	-	-	-	-
	Problem14_prop_002.c	Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		5940.71 MB	0	$0.00 \ s$	$0.00 \mathrm{\ s}$	2	3		2.1 K	1.3 K 6.2		823 5.3 K	-	-	-	-	-	-	-
		Default-LBE-Multi+SBE+SASBE.epf Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		6793.74 MB 5814.92 MB	0	0.00 s	$0.00 \text{ s} \\ 0.00 \text{ s}$	2	3		2.1 K	1.3 K 6.2		823 5.3 K 183 1.4 K	-	-	-	-	-	-	-
	1 1	Default-LBE-Multi+SBE+SASBE.epf		5789.44 MB	0	$0.00 \text{ s} \\ 0.00 \text{ s}$	0.00 s 0.00 s	1	1		2.1 K 2.1 K	671 2.1 671 2.1		183 1.4 K 183 1.4 K	-	-	-	-	-	-	-
				1287.79 MB	33		96.77 s	3	6		2.1 K 2.1 K	2.0 K 12.5		1.3 K 8.7 K	32	0	0	Unknown	3	0	0
		Default-LBE-Multi+SBE+SASBE.epf	506.65 s 6866.00 MB		33		93.86 s	3	6		2.1 K	2.0 K 12.5		1.3 K 8.7 K	32	0	0	Unknown	3	0	0
		Default-LBE-Multi+NondetBuchi.epf	418.12 s 7987.00 MB		58		20.02 s	3	6	670	853	2.0 K 5.0		944 3.7 K	57	0	0	Unknown	8	0	0
	Problem14_prop_006.c	Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	846.02 s $8005.00 MB$	$4762.50~\mathrm{MB}$	0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	3	6	670	$2.1~\mathrm{K}$	2.0 K 12.5	5 K	1.3 K 10.7 K	-	-	-	-	-	-	-
	$Problem14_prop_006.c$	$\label{eq:def-def-def-def} Default-LBE-Multi+SBE+SASBE.epf$	840.59 s $6683.00 MB$	$5718.33~\mathrm{MB}$	0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	3	6	670	$2.1~\mathrm{K}$	2.0 K 12.5	5 K	1.3 K 10.7 K	-	-	-	-	-	-	-
	Problem14_prop_006.c	Default-LBE-Multi.epf		2136.11 MB	58		$21.88 \mathrm{\ s}$	3	6	670	853	2.0 K 5.0		944 3.7 K	57	0	0	Unknown	8	0	0
	Problem14_prop_008.c	Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	968.20 s 8140.00 MB		0	$0.00 \ s$	$0.00 \ s$	4	8			2.7 K 16.6		1.9 K 14.4 K	-	-	-	-	-	-	-
	Problem14_prop_008.c	Default-LBE-Multi+SBE+SASBE.epf		5192.04 MB	0	0.00 s	0.00 s	4	8	670		2.7 K 16.6		1.9 K 14.4 K	- 0.4	-	-	- TT. 1	-	-	-
	Problem14_prop_009.c Problem14_prop_009.c	Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		2012.19 MB 5098.41 MB	85		$23.28 \text{ s} \\ 0.00 \text{ s}$	4	8	$670 \\ 670$	853	2.7 K 6.7 2.7 K 16.6		1.3 K 3.9 K 1.7 K 12.1 K	84	U	U	Unknown	9	0	0
	Problem14_prop_009.c	Default-LBE-Multi+SBE+SASBE.epf		6203.16 MB	0	$0.00 \text{ s} \\ 0.00 \text{ s}$	0.00 s $0.00 s$	4	8		2.1 K 2.1 K	2.7 K 16.6 2.7 K 16.6		1.7 K 12.1 K	-	-	-	-	-	-	-
		Default-LBE-Multi.epf		1617.72 MB	85	524.73 s	23.54 s	4	8	670		2.7 K 10.0 2.7 K 6.7		1.3 K 3.9 K	84	0	0	Unknown	9	0	0
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	457.63 s 6807.00 MB		0	0.00 s	0.00 s	4	9	0.0		2.7 K 18.7		1.3 K 10.3 K	-	-	-	-	-	-	-
		Default-LBE-Multi+SBE+SASBE.epf		$5874.32~\mathrm{MB}$	0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	4	9	670		2.7 K 18.7		1.3 K 10.3 K	-	-	-	-	-	-	-
	$Problem14_prop_014.c$	Default-LBE-Multi+NondetBuchi.epf	433.47 s $7683.50 MB$	$3463.07~\mathrm{MB}$	48	$424.65~\mathrm{s}$	$26.26~\mathrm{s}$	4	9	670	853	2.7 K 7.5	5 K	943 - 2.7 K	46	0	1	Unknown	8	0	9
		eq:def-def-def-def-def-def-def-def-def-def-	509.24 s $7282.00 MB$		0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	4	9	670	$2.1~\mathrm{K}$	2.7 K 18.7	7 K	1.3 K 8.7 K	-	-	-	-	-	-	-
		Default-LBE-Multi+SBE+SASBE.epf	474.30 s 7282.00 MB		0	0.00 s	0.00 s	4	9			2.7 K 18.7		1.3 K 8.7 K	-	-	-	-	-	-	-
		Default-LBE-Multi-epf		1691.03 MB	49		19.52 s	4	9	670		2.7 K 7.5		943 2.7 K	47	1	0	Unknown	9	19	0
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf Default-LBE-Multi+SBE+SASBE.epf	680.51 s 7282.00 MB 684.72 s 7222.50 MB		0	$0.00 \text{ s} \\ 0.00 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	4	9			2.7 K 18.7 2.7 K 18.7		1.3 K 10.3 K 1.3 K 10.3 K	-	-	-	-	-	-	-
		Default-LBE-Multi-epf		1994.68 MB	0		0.00 s $0.00 s$	4	9	670		2.7 K 18.7 2.7 K 7.5		944 2.7 K	-	-	-	-	-	-	-
		Default-LBE-Multi+NondetBuchi.epf	108.45 s 7900.50 MB		40		4.36 s	2	3	670		1.3 K 2.5		606 1.6 K	39	0	0	Unknown	7	0	0
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	484.35 s 7971.50 MB		0	$0.00 \ { m s}$	$0.00 \ s$	2	3			1.3 K 6.2		823 8.0 K	-	-	-	-	-	-	-
		Default-LBE-Multi+SBE+SASBE.epf	527.23 s 7282.00 MB		0		$0.00 \mathrm{\ s}$	2	3			1.3 K 6.2		823 8.0 K	_	_	-	-	_	_	_
		Default-LBE-Multi.epf		$1096.90~\mathrm{MB}$	40		$4.85 \mathrm{\ s}$	2	3	670	853	1.3 K 2.5		606 1.6 K	39	0	0	Unknown	7	0	0
		Default-LBE-Multi+NondetBuchi.epf	605.07 s $8039.00 MB$		47	$598.10~\mathrm{s}$	$8.39 \mathrm{\ s}$	2	3	670	853	1.3 K 2.5	5 K	606 1.6 K	46	0	0	Unknown	9	0	0
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	760.01 s $7044.00 MB$		0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	2	3	670	$2.1~\mathrm{K}$	1.3 K 6.2	2 K	823 5.3 K	-	-	-	-	-	-	-
		Default-LBE-Multi+SBE+SASBE.epf	746.25 s 7126.00 MB		0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	2	3			1.3 K 6.2		823 5.3 K	-	-	-	-	-	-	-
		Default-LBE-Multi.epf	880.46 s 7210.50 MB		47	873.51 s	8.33 s	2	3	670		1.3 K 2.5		606 1.6 K	46	0	0	Unknown	9	0	0
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	768.91 s 8063.50 MB 768.44 s 7064.00 MB		0	$0.00 \text{ s} \\ 0.00 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	3	6			2.0 K 12.5 2.0 K 12.5		1.3 K 10.7 K 1.3 K 10.7 K	-	-	-	-	-	-	-
		Default-LBE-Multi+SBE+SASBE.epf Default-LBE-Multi+NondetBuchi.epf	426.58 s 7282.00 MB		0	0.00 s $0.00 s$	0.00 s 0.00 s	ა ე	3	670 670		2.0 K 12.8 1.3 K 2.8		606 1.5 K	-	-	-	-	_	-	_
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		5704.40 MB	0	0.00 s $0.00 s$	0.00 s $0.00 s$	2	3			1.3 K 2.6		823 5.3 K	_	_	-	_	_	_	_
		Default-LBE-Multi+SBE+SASBE.epf	980.55 s 7047.00 MB		0	$0.00 \ s$	0.00 s	2	3			1.3 K 6.2		823 5.3 K	_	_	-	_	_	-	_
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	761.41 s 7369.50 MB		0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	4	8	670		2.7 K 16.6		1.9 K 14.4 K	-	-	-	-	-	-	-
	$Problem14_prop_024.c$	Default-LBE-Multi+SBE+SASBE.epf	706.54 s $7282.00 MB$	$5607.52~\mathrm{MB}$	0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	4	8	670	$2.1~\mathrm{K}$	2.7 K 16.6	6 K	1.9 K 14.4 K	-	-	-	-	-	-	-
		eq:def-def-def-def-def-def-def-def-def-def-		$4350.21~\mathrm{MB}$	0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	7	20			4.6 K 41.5		2.9 K 22.6 K	-	-	-	-	-	-	-
		Default-LBE-Multi+SBE+SASBE.epf	436.66 s 7282.00 MB		0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	7	20			4.6 K 41.5		2.9 K 22.6 K	-	-	-	-	-	-	-
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	508.74 s 7613.00 MB		0	$0.00 \ s$	0.00 s	6	15			4.0 K 31.1		2.5 K 19.1 K	-	-	-	-	-	-	-
	1 1	Default-LBE-Multi+SBE+SASBE.epf Default-LBE-Multi+NondetBuchi.epf	459.27 s 7282.00 MB 159.65 s 7538.50 MB		$\frac{0}{28}$	0.00 s $150.74 s$	$0.00 \text{ s} \\ 5.36 \text{ s}$	0	61	$670 \\ 670$		4.0 K 31.1 2.0 K 5.0		2.5 K 19.1 K 676 2.5 K	- 27	0	0	- Unknown	- Q	0	- 0
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	904.73 s 7572.50 MB		0	0.00 s	0.00 s	ა ვ	6			2.0 K 3.0 2.0 K 12.5		1.0 K 11.2 K		-	0	Clikilowii	-	-	-
		Default-LBE-Multi+SBE+SASBE.epf	902.45 s 7282.00 MB		0	0.00 s	0.00 s	3	6			2.0 K 12.5		1.0 K 11.2 K	_	_	_	_	_	_	_
Error		Default-LBE-Multi.epf		1535.96 MB	28		$5.58 \mathrm{\ s}$	3	6	670		2.0 K 12.6		676 2.5 K	27	0	0	Unknown	8	0	0
	1 1	Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	789.25 s 8121.00 MB		0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	2	3	670	$2.1~\mathrm{K}$	1.3 K 6.2	2 K	823 5.3 K	-	-	-	-	-	-	-
	$Problem14_prop_033.c$	Default-LBE-Multi+SBE+SASBE.epf	793.28 s $7282.00 MB$	$6081.96~\mathrm{MB}$	0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	2	3	670	$2.1~\mathrm{K}$	1.3 K 6.2	2 K	823 5.3 K	-	-	-	-	-	-	-
		Default-LBE-Multi+NondetBuchi.epf	158.98 s $7082.00 MB$		41		$2.24 \mathrm{\ s}$	2	3	670	853	1.3 K 2.5		606 1.5 K	40	0	0	Unknown	10	0	0
	1 1	Default-LBE-Multi.epf	163.52 s 7282.00 MB		42		2.32 s	2	3	670	853	1.3 K 2.5		606 1.5 K	41	0	0	Unknown	10	0	0
		Default-LBE-Multi+NondetBuchi.epf	945.98 s 6890.00 MB		30	938.94 s	91.69 s	2	3	670		1.3 K 2.5		606 1.5 K	27	0	2	Unknown	8	0	11
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf Default-LBE-Multi+SBE+SASBE.epf	959.54 s 7267.50 MB		0	$0.00 \text{ s} \\ 0.00 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	2	ა ე			1.3 K 6.2 1.3 K 6.2		823 5.3 K 823 5.3 K	-	-	-	-	-	-	-
		Default-LBE-Multi-epf	549.45 s 7282.00 MB		30		68.67 s	2	3	670	853		2 K 5 K	606 1.5 K	27	2	0	Unknown	8	19	0
		Default-LBE-Multi+NondetBuchi.epf	568.32 s 7225.50 MB		29		10.38 s	1	1	670	853		849	9 124	27	0	i 1	Unknown	7	0	7
	1 1	Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		5547.15 MB	0		0.00 s	1	1		2.1 K		1 K	183 1.4 K		-	-	-	-	-	-
	1 1	Default-LBE-Multi+SBE+SASBE.epf	744.88 s 7282.00 MB		0	$0.00 \mathrm{s}$	$0.00 \mathrm{s}$	1	1		2.1 K		1 K	183 1.4 K	-	-	-	-	-	-	-
	$Problem14_prop_036.c$	Default-LBE-Multi.epf	507.38 s $7779.50 MB$	$4792.07~\mathrm{MB}$	21	$505.87~\mathrm{s}$	$1.09 \mathrm{\ s}$	1	1	670	853	671	849	9 124	19	1	0	Unknown	7	19	0
		Default-LBE-Multi+NondetBuchi.epf	408.62 s 7884.50 MB		87		$9.29 \mathrm{\ s}$	2	3	670	853		5 K	606 1.6 K	86	0	0	Unknown	11	0	0
	1 1	Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		4291.53 MB	0	0.00 s	0.00 s	2	3		2.1 K		2 K	823 5.3 K	-	-	-	-	-	-	-
		Default_LBE-Multi+SBE+SASBE.epf		5223.69 MB	0	0.00 s	0.00 s	2	3			1.3 K 6.2		823 5.3 K	- 00	- 0	-	- H-1	- 11	-	-
		Default-LBE-Multi-epf Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		1881.63 MB 4300.18 MB	87 0	$385.99 \text{ s} \\ 0.00 \text{ s}$	9.43 s 0.00 s	∠ 7	3 20	670 670	853 2.1 K	1.3 K 2.5 4.6 K 41.5		606 1.6 K 2.9 K 22.6 K	86	- -	U -	Unknown -	- 11	U -	- -
		Default-LBE-Multi+SBE+SASBE.epf	464.35 s 7282.00 MB		0	0.00 s $0.00 s$	0.00 s	7	20			4.6 K 41.5		2.9 K 22.6 K	-	-	-	-	-	_	-
		Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		4843.62 MB	0	$0.00 \mathrm{s}$	$0.00 \mathrm{s}$	7	20			4.6 K 41.5		2.9 K 22.6 K	-	-	-	-	-	-	-
	Problem14_prop_039.c	Default-LBE-Multi+SBE+SASBE.epf	$468.17 \; \mathrm{s} 7282.00 \; \mathrm{MB}$	$4824.72~\mathrm{MB}$	0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	7	20	670		4.6 K 41.5	5 K	2.9 K 22.6 K	-	-	-	-	-	-	-
		Default-LBE-Multi+NondetBuchi.epf	192.12 s 7020.00 MB		43		$3.85 \mathrm{s}$	2	3	670	853	1.3 K 2.5		606 1.5 K	42	0	0	Unknown	10	0	0
	1 1	Default_LBE-Multi+SBE+SASBE+NondetBuchi.epf		4331.16 MB	0	0.00 s	0.00 s	2	3			1.3 K 6.2		823 5.3 K	-	-	-	-	-	-	-
		Default-LBE-Multi+SBE+SASBE.epf Default-LBE-Multi.epf	692.45 s 7282.00 MB 190.90 s 7282.00 MB	5150.50 MB 1223.22 MB	0 43	0.00 s 182.80 s	0.00 s 3.93 s	2	3 9	670 670		1.3 K 6.2 1.3 K 2.5		823 5.3 K 606 1.5 K	42	0	0	- Unlenoven	10	0	0
	1 1001011114_p10p_040.C	Default DDF-Willionept	100.00 5 1202.00 MD	1220.22 IVID	40	104.00 8	0.50 S	4	J	010	000	1.0 11 2.6	O 17	N 6.1 000	42	U	U	Unknown	10	U	U

Problem14_prop_041.c Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	479.89 s 7480.50 MB 48	4527.59 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	3	6	670	$2.1~\mathrm{K}$	$2.0~\mathrm{K}$	$12.5~\mathrm{K}$	1.0 K 1	1.2 K	-	-	-	-	-	-	-
Problem14_prop_041.c Default-LBE-Multi+SBE+SASBE.epf	471.30 s 7282.00 MB 48	4549.67 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	3	6	670	$2.1~\mathrm{K}$	$2.0~\mathrm{K}$	$12.5~\mathrm{K}$	1.0 K 1	1.2 K	-	-	-	-	-	-	-
Problem14_prop_042.c Default-LBE-Multi+NondetBuchi.epf	955.98 s 7420.00 MB 4	4416.81 MB 30	$948.65 \ s$	$95.03 \mathrm{\ s}$	2	3	670	853	$1.3~\mathrm{K}$	$2.5~\mathrm{K}$	606	$1.5~\mathrm{K}$	27	0	2	Unknown	8	0	11
Problem14_prop_042.c Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	878.35 s 7282.00 MB 48	4806.40 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	2	3	670	$2.1~\mathrm{K}$	$1.3~\mathrm{K}$	$6.2~\mathrm{K}$	823	$5.3~\mathrm{K}$	-	-	-	-	-	-	-
Problem14_prop_042.c Default-LBE-Multi+SBE+SASBE.epf	961.20 s 7282.00 MB 59	5979.27 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	2	3	670	$2.1~\mathrm{K}$	$1.3~\mathrm{K}$	$6.2~\mathrm{K}$	823	$5.3~\mathrm{K}$	-	-	-	-	-	-	-
Problem14_prop_042.c Default-LBE-Multi.epf	554.35 s 7282.00 MB 10	1665.19 MB 30	$547.21 \ s$	74.73 s	2	3	670	853	$1.3~\mathrm{K}$	$2.5~\mathrm{K}$	606	$1.5~\mathrm{K}$	27	2	0	Unknown	8	19	0
Problem14_prop_044.c Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	780.28 s 8115.00 MB 33	3323.62 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	4	9	670	$2.1~\mathrm{K}$	$2.7~\mathrm{K}$	$18.7~\mathrm{K}$	1.3 K	$8.7~\mathrm{K}$	-	-	-	-	-	_	-
Problem14_prop_044.c Default-LBE-Multi+SBE+SASBE.epf	762.78 s 7282.00 MB 43	4202.07 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	4	9	670	$2.1~\mathrm{K}$	$2.7~\mathrm{K}$	$18.7~\mathrm{K}$	1.3 K	$8.7~\mathrm{K}$	-	-	-	-	-	-	-
Problem14_prop_045.c Default-LBE-Multi+NondetBuchi.epf	791.09 s 7807.50 MB 24	2468.69 MB 82	778.15 s	$32.03 \mathrm{\ s}$	4	8	670	853	$2.7~\mathrm{K}$	$6.7~\mathrm{K}$	$1.5~\mathrm{K}$	5.1 K	81	0	0	Unknown	10	0	0
Problem14_prop_045.c Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	654.33 s 7844.50 MB 30	3096.38 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	4	8	670	$2.1~\mathrm{K}$	$2.7~\mathrm{K}$	$16.6~\mathrm{K}$	1.9 K 1	4.4 K	-	-	-	-	-	-	-
Problem14_prop_045.c Default-LBE-Multi+SBE+SASBE.epf	634.10 s 7282.00 MB 49	4959.42 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	4	8	670	$2.1~\mathrm{K}$	$2.7~\mathrm{K}$	$16.6~\mathrm{K}$	1.9 K 1	4.4 K	-	-	-	-	_	_	_
Problem14_prop_045.c Default-LBE-Multi.epf	791.67 s 7490.00 MB 1'	1716.75 MB 82	$778.76 \mathrm{\ s}$	32.19 s	4	8	670	853	$2.7~\mathrm{K}$	$6.7~\mathrm{K}$	$1.5~\mathrm{K}$	$5.1~\mathrm{K}$	81	0	0	Unknown	10	0	0
Problem14_prop_046.c Default-LBE-Multi+NondetBuchi.epf	334.76 s 7957.00 MB 23	2357.53 MB 56	322.17 s	$7.10 \ s$	3	6	670	853	$2.0~\mathrm{K}$	$5.0~\mathrm{K}$	944	$3.7~\mathrm{K}$	55	0	0	Unknown	10	0	0
Problem14_prop_046.c Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	921.68 s 7998.50 MB 4	4490.10 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	3	6	670	$2.1~\mathrm{K}$	$2.0~\mathrm{K}$	$12.5~\mathrm{K}$	1.3 K 1	0.7 K	-	-	-	-	_	_	_
Problem14_prop_046.c Default-LBE-Multi+SBE+SASBE.epf	899.82 s 7282.00 MB 5	5126.88 MB 0	$0.00 \mathrm{\ s}$	$0.00 \; s$	3	6	670	$2.1~\mathrm{K}$	$2.0~\mathrm{K}$	$12.5~\mathrm{K}$	1.3 K 1	0.7 K	-	-	-	-	_	_	_
Problem14_prop_046.c Default-LBE-Multi.epf	354.02 s 7282.00 MB 10	1600.18 MB 59	341.44 s	$7.77 \mathrm{\ s}$	3	6	670	853	$2.0~\mathrm{K}$	$5.0~\mathrm{K}$	944	$3.7~\mathrm{K}$	58	0	0	Unknown	10	0	0
Problem14_prop_047.c Default-LBE-Multi+NondetBuchi.epf		1383.01 MB 31	$195.88~\mathrm{s}$	$3.98 \mathrm{\ s}$	3	6	670	853	$2.0~\mathrm{K}$	$5.0~\mathrm{K}$	943	$2.7~\mathrm{K}$	30	0	0	Unknown	6	0	0
Problem14_prop_047.c Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		3630.42 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	3	6	670	$2.1~\mathrm{K}$	$2.0~\mathrm{K}$	$12.5~\mathrm{K}$	$1.3~\mathrm{K}$	8.7 K	-	-	-	-	_	_	_
Problem14_prop_047.c Default-LBE-Multi+SBE+SASBE.epf		4482.81 MB 0	$0.00 \mathrm{\ s}$	$0.00 \; s$	3	6	670	2.1 K	$2.0~\mathrm{K}$	$12.5~\mathrm{K}$	$1.3~\mathrm{K}$	8.7 K	_	_	-	-	_	_	_
Problem14_prop_047.c Default-LBE-Multi.epf		902.88 MB 31	$195.38\;\mathrm{s}$	$3.95 \mathrm{\ s}$	3	6	670	853	$2.0~\mathrm{K}$	$5.0~\mathrm{K}$	943	$2.7~\mathrm{K}$	30	0	0	Unknown	6	0	0
Problem14_prop_048.c Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf	342.24 s 7282.00 MB 44	4470.39 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	7	20	670	$2.1~\mathrm{K}$	$4.6~\mathrm{K}$	$41.5~\mathrm{K}$	2.9 K 2	22.6 K	-	-	-	-	_	_	_
Problem14_prop_048.c Default-LBE-Multi+SBE+SASBE.epf	332.42 s 7282.00 MB 4	4443.08 MB 0	$0.00 \mathrm{\ s}$	$0.00 \ s$	7	20	670	$2.1~\mathrm{K}$	$4.6~\mathrm{K}$	$41.5~\mathrm{K}$	2.9 K 2	22.6 K	_	_	-	-	_	_	_
Problem14_prop_049.c Default-LBE-Multi+SBE+SASBE+NondetBuchi.epf		4518.10 MB 0	$0.00 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	7	20	670	$2.1~\mathrm{K}$	4.6 K	41.5 K		22.6 K	-	-	-	_	-	_	_
Problem14_prop_049.c Default-LBE-Multi+SBE+SASBE.epf		4354.93 MB 0	$0.00 \mathrm{s}$	$0.00 \mathrm{s}$	7	20	670	2.1 K	$4.6~\mathrm{K}$	$41.5~\mathrm{K}$		22.6 K	_	-	-	-	_	_	_

Table 1: Results for LTLAutomizerC.xml.