

Result	File	Variant	Total time	Alloc. Mem-ory	Peak Mem-ory	Iterations	BA analy-sis time	BA mini-miza-tion time	Initial prop-erty au-toma-tion Loca-tions	Initial prop-erty au-toma-tion Edges	Initial RCFG Loca-tions	Initial RCFG Edges	Initial prod-uct Loca-tions	Initial prod-uct Edges	Optimized Prod-uct Loca-tions	Optimized Prod-uct Edges	Trivial mod-ules	Deterministic mod-ules	Non-deterministic mod-ules	Remainder	Avg Locs trivial mod-ules	Avg Locs deter-minis-tic mod-ules	Avg Locs non-deter-minis-tic mod-ules	
Unsafe	Problem14_prop_006.c	Default-LBE-Multi+NondetBuchi.epf	69.53 s	7662.00 MB	1573.30 MB	21	62.67 s	0.84 s	3	6	548	670	1.6 K	3.9 K	852	3.4 K	20	0	0	Nonterminating	4	0	0	
	Problem14_prop_006.c	Default-LBE-Multi.epf	72.29 s	6444.50 MB	1449.13 MB	21	65.76 s	0.76 s	3	6	548	670	1.6 K	3.9 K	852	3.4 K	20	0	0	Nonterminating	4	0	0	
	Problem14_prop_006.c	Default-LBE-SNME.epf	342.01 s	6771.00 MB	3946.31 MB	33	341.46 s	50.74 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.9 K	30	2	0	Nonterminating	5	31	0	
	Problem14_prop_006.c	Default-LBE-Single.epf	315.70 s	6758.00 MB	2225.19 MB	33	315.12 s	47.87 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.9 K	30	2	0	Nonterminating	5	31	0	
	Problem14_prop_006.c	None.epf	316.77 s	7210.50 MB	5740.88 MB	34	316.19 s	53.64 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.9 K	31	2	0	Nonterminating	5	31	0	
	Problem14_prop_021.c	Default-LBE-Multi+NondetBuchi.epf	133.38 s	7699.50 MB	1644.21 MB	31	126.37 s	5.32 s	3	6	548	670	1.6 K	3.9 K	852	3.4 K	30	0	0	Nonterminating	5	0	0	
	Problem14_prop_021.c	Default-LBE-Multi.epf	154.99 s	6300.50 MB	2195.96 MB	31	148.42 s	5.42 s	3	6	548	670	1.6 K	3.9 K	852	3.4 K	30	0	0	Nonterminating	5	0	0	
	Problem14_prop_021.c	Default-LBE-SNME.epf	199.82 s	6342.00 MB	2249.31 MB	35	199.26 s	6.84 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.9 K	34	0	0	Nonterminating	7	0	0	
	Problem14_prop_021.c	Default-LBE-Single.epf	145.10 s	6186.50 MB	1389.68 MB	35	144.54 s	6.97 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.9 K	34	0	0	Nonterminating	7	0	0	
	Problem14_prop_021.c	None.epf	264.01 s	6369.00 MB	2752.86 MB	45	263.47 s	14.59 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.9 K	44	0	0	Nonterminating	7	0	0	
	Problem14_prop_035.c	Default-LBE-Multi+NondetBuchi.epf	165.01 s	7478.00 MB	2447.26 MB	17	161.29 s	1.02 s	2	3	548	670	1.1 K	2.0 K	545	1.4 K	16	0	0	Nonterminating	6	0	0	
	Problem14_prop_035.c	Default-LBE-Multi.epf	232.49 s	7617.00 MB	3239.71 MB	17	228.61 s	0.96 s	2	3	548	670	1.1 K	2.0 K	545	1.4 K	16	0	0	Nonterminating	6	0	0	
	Problem14_prop_035.c	Default-LBE-SNME.epf	93.82 s	7577.00 MB	2380.50 MB	22	93.54 s	1.94 s	2	3	548	670	1.1 K	2.0 K	1.1 K	2.0 K	21	0	0	Nonterminating	5	0	0	
	Problem14_prop_035.c	Default-LBE-Single.epf	107.53 s	7810.00 MB	2176.46 MB	22	107.25 s	1.94 s	2	3	548	670	1.1 K	2.0 K	1.1 K	2.0 K	21	0	0	Nonterminating	5	0	0	
	Problem14_prop_035.c	None.epf	68.01 s	6756.00 MB	1408.23 MB	25	67.67 s	2.89 s	2	3	548	670	1.1 K	2.0 K	1.1 K	2.0 K	24	0	0	Nonterminating	5	0	0	
	Problem14_prop_045.c	Default-LBE-Multi+NondetBuchi.epf	304.36 s	6936.00 MB	2606.98 MB	41	296.99 s	14.59 s	4	8	548	670	2.2 K	5.2 K	1.4 K	4.7 K	40	0	0	Nonterminating	6	0	0	
	Problem14_prop_045.c	Default-LBE-Multi.epf	315.01 s	6741.50 MB	2478.86 MB	41	308.25 s	13.93 s	4	8	548	670	2.2 K	5.2 K	1.4 K	4.7 K	40	0	0	Nonterminating	6	0	0	
	Problem14_prop_045.c	Default-LBE-SNME.epf	180.91 s	6741.50 MB	2212.39 MB	20	180.24 s	6.60 s	4	8	548	670	2.2 K	5.2 K	2.1 K	5.2 K	19	0	0	Nonterminating	5	0	0	
	Problem14_prop_045.c	Default-LBE-Single.epf	173.75 s	6763.00 MB	2797.47 MB	19	173.03 s	6.34 s	4	8	548	670	2.2 K	5.2 K	2.1 K	5.2 K	18	0	0	Nonterminating	5	0	0	
	Problem14_prop_045.c	None.epf	195.05 s	6848.00 MB	2779.54 MB	20	194.37 s	5.68 s	4	8	548	670	2.2 K	5.2 K	2.2 K	5.2 K	19	0	0	Nonterminating	5	0	0	
	Problem14_prop_046.c	Default-LBE-Multi+NondetBuchi.epf	95.24 s	7073.00 MB	1282.27 MB	25	88.31 s	1.37 s	3	6	548	670	1.6 K	3.9 K	852	3.4 K	24	0	0	Nonterminating	5	0	0	
	Problem14_prop_046.c	Default-LBE-Multi.epf	127.68 s	7282.00 MB	2285.41 MB	25	120.86 s	1.37 s	3	6	548	670	1.6 K	3.9 K	852	3.4 K	24	0	0	Nonterminating	5	0	0	
	Problem14_prop_046.c	Default-LBE-SNME.epf	112.70 s	7282.00 MB	1472.16 MB	29	112.22 s	5.09 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.9 K	28	0	0	Nonterminating	6	0	0	
	Problem14_prop_046.c	Default-LBE-Single.epf	129.08 s	7187.00 MB	1952.88 MB	29	128.61 s	5.22 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.9 K	28	0	0	Nonterminating	6	0	0	
	Problem14_prop_046.c	None.epf	157.47 s	7959.00 MB	1895.26 MB	30	156.99 s	5.00 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.9 K	29	0	0	Nonterminating	6	0	0	
	Problem14_prop_021.c	Default-LBE-Multi+NondetBuchi.epf	328.31 s	8077.00 MB	2228.81 MB	46	315.63 s	10.28 s	3	6	670	853	2.0 K	5.0 K	944	3.7 K	45	0	0	Nonterminating	9	0	0	
	Problem14_prop_021.c	Default-LBE-Multi.epf	331.60 s	7282.00 MB	1552.08 MB	46	318.24 s	10.52 s	3	6	670	853	2.0 K	5.0 K	944	3.7 K	45	0	0	Nonterminating	9	0	0	
	Safe	Problem14_prop_025.c	Default-LBE-Multi+NondetBuchi.epf	44.65 s	6383.00 MB	1047.80 MB	21	40.32 s	2.18 s	3	6	548	670	1.6 K	3.9 K	851	2.5 K	20	0	0	-	5	0	0
		Problem14_prop_025.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	193.05 s	7282.00 MB	1855.61 MB	28	191.37 s	35.26 s	3	6	548	1.7 K	1.6 K	10.1 K	1.1 K	7.3 K	27	0	0	-	3	0	0
		Problem14_prop_025.c	Default-LBE-Multi+SBE.epf	255.13 s	7282.00 MB	3685.30 MB	31	253.99 s	45.85 s	3	6	548	1.7 K	1.6 K	10.1 K	1.1 K	7.3 K	30	0	0	-	3	0	0
		Problem14_prop_025.c	Default-LBE-Multi.epf	47.38 s	7282.00 MB	869.97 MB	21	42.99 s	2.39 s	3	6	548	670	1.6 K	3.9 K	851	2.5 K	20	0	0	-	5	0	0
		Problem14_prop_025.c	Default-LBE-SNME.epf	45.95 s	7028.50 MB	608.54 MB	24	45.32 s	4.11 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.3 K	23	0	0	-	5	0	0
		Problem14_prop_025.c	Default-LBE-Single.epf	45.16 s	7144.50 MB	961.97 MB	24	44.61 s	3.81 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.3 K	23	0	0	-	5	0	0
		Problem14_prop_025.c	None+SBE+SimplifyAssumesSBE.epf	494.35 s	7164.50 MB	944.10 MB	33	492.79 s	69.33 s	3	6	548	1.7 K	1.6 K	10.1 K	1.6 K	10.1 K	32	0	0	-	3	0	0
		Problem14_prop_025.c	None+SBE.epf	640.31 s	7203.50 MB	2337.44 MB	33	639.48 s	75.72 s	3	6	548	1.7 K	1.6 K	10.1 K	1.6 K	10.1 K	32	0	0	-	3	0	0
		Problem14_prop_025.c	None.epf	44.88 s	7246.00 MB	873.05 MB	25	44.35 s	3.95 s	3	6	548	670	1.6 K	3.9 K	1.6 K	3.9 K							

	Problem14_prop.003.c	Default-LBE-Single.epf	1238.03 s	7715.00 MB	5218.51 MB	0	0.00 s	0.00 s	1	1	548	670	549	666	125	240	-	-	-	-	-	-	-
	Problem14_prop.003.c	None.epf	1230.20 s	7613.50 MB	5102.96 MB	0	0.00 s	0.00 s	1	1	548	670	549	666	549	666	-	-	-	-	-	-	-
	Problem14_prop.021.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	1200.00 s	7780.50 MB	3640.94 MB	0	0.00 s	0.00 s	3	6	548	1.7 K	1.6 K	10.1 K	1.1 K	9.0 K	-	-	-	-	-	-	-
	Problem14_prop.021.c	None+SBE+SimplifyAssumesSBE.epf	1295.89 s	7279.00 MB	2544.82 MB	34	1294.08 s	124.49 s	3	6	548	1.7 K	1.6 K	10.1 K	1.6 K	10.1 K	34	0	0	Decomposition not yet finished	4	0	0
	Problem14_prop.035.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	1445.44 s	7239.50 MB	3488.98 MB	25	1444.34 s	27.62 s	2	3	548	1.7 K	1.1 K	5.1 K	701	4.5 K	25	0	0	Decomposition not yet finished	4	0	0
	Problem14_prop.035.c	Default-LBE-Multi+SBE.epf	1417.21 s	7282.00 MB	5081.88 MB	23	1416.51 s	20.91 s	2	3	548	1.7 K	1.1 K	5.1 K	701	4.5 K	23	0	0	Decomposition not yet finished	4	0	0
	Problem14_prop.046.c	None+SBE+SimplifyAssumesSBE.epf	1454.33 s	7444.50 MB	4186.06 MB	35	1452.96 s	128.51 s	3	6	548	1.7 K	1.6 K	10.1 K	1.6 K	10.1 K	35	0	0	Decomposition not yet finished	5	0	0
	Problem14_prop.046.c	None+SBE.epf	1408.20 s	7282.00 MB	3391.12 MB	37	1407.41 s	78.08 s	3	6	548	1.7 K	1.6 K	10.1 K	1.6 K	10.1 K	37	0	0	Decomposition not yet finished	4	0	0
	Problem14_prop.021.c	None+SBE.epf	1211.04 s	7282.00 MB	4480.48 MB	33	1210.02 s	98.13 s	3	6	670	2.1 K	2.0 K	12.5 K	2.0 K	12.5 K	33	0	0	Decomposition not yet finished	4	0	0
	Problem14_prop.046.c	Default-LBE-Multi+SBE.epf	1221.30 s	7282.00 MB	4724.62 MB	30	1220.05 s	167.03 s	3	6	670	2.1 K	2.0 K	12.5 K	1.3 K	10.7 K	30	0	0	Decomposition not yet finished	4	0	0
Error	Problem14_prop.001.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	1261.97 s	7500.00 MB	5724.84 MB	0	0.01 s	0.00 s	1	1	548	1.7 K	549	1.7 K	122	1.1 K	-	-	-	-	-	-	-
	Problem14_prop.001.c	Default-LBE-Multi+SBE.epf	506.05 s	7282.00 MB	6031.84 MB	0	0.01 s	0.00 s	1	1	548	1.7 K	549	1.7 K	122	1.1 K	-	-	-	-	-	-	-
	Problem14_prop.001.c	None+SBE+SimplifyAssumesSBE.epf	816.19 s	7769.50 MB	6520.10 MB	0	0.00 s	0.00 s	1	1	548	1.7 K	549	1.7 K	549	1.7 K	-	-	-	-	-	-	-
	Problem14_prop.001.c	None+SBE.epf	1031.62 s	6288.00 MB	6741.75 MB	0	0.01 s	0.00 s	1	1	548	1.7 K	549	1.7 K	549	1.7 K	-	-	-	-	-	-	-
	Problem14_prop.003.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	617.92 s	7610.50 MB	5851.01 MB	0	0.00 s	0.00 s	1	1	548	1.7 K	549	1.7 K	122	1.1 K	-	-	-	-	-	-	-
	Problem14_prop.003.c	Default-LBE-Multi+SBE.epf	524.47 s	6077.00 MB	6029.29 MB	0	0.00 s	0.00 s	1	1	548	1.7 K	549	1.7 K	122	1.1 K	-	-	-	-	-	-	-
	Problem14_prop.003.c	None+SBE+SimplifyAssumesSBE.epf	820.89 s	7718.50 MB	6487.68 MB	0	0.01 s	0.00 s	1	1	548	1.7 K	549	1.7 K	549	1.7 K	-	-	-	-	-	-	-
	Problem14_prop.003.c	None+SBE.epf	1025.26 s	6569.00 MB	6739.44 MB	0	0.00 s	0.00 s	1	1	548	1.7 K	549	1.7 K	549	1.7 K	-	-	-	-	-	-	-
	Problem14_prop.006.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	1106.18 s	7292.50 MB	6651.14 MB	0	0.00 s	0.00 s	3	6	548	1.7 K	1.6 K	10.1 K	1.1 K	9.0 K	-	-	-	-	-	-	-
	Problem14_prop.006.c	Default-LBE-Multi+SBE.epf	1062.99 s	6511.00 MB	6265.09 MB	0	0.00 s	0.00 s	3	6	548	1.7 K	1.6 K	10.1 K	1.1 K	9.0 K	-	-	-	-	-	-	-
	Problem14_prop.006.c	None+SBE+SimplifyAssumesSBE.epf	983.95 s	7282.00 MB	5957.47 MB	0	0.00 s	0.00 s	3	6	548	1.7 K	1.6 K	10.1 K	1.6 K	10.1 K	-	-	-	-	-	-	-
	Problem14_prop.006.c	None+SBE.epf	1095.13 s	7282.00 MB	5752.17 MB	0	0.00 s	0.00 s	3	6	548	1.7 K	1.6 K	10.1 K	1.6 K	10.1 K	-	-	-	-	-	-	-
	Problem14_prop.021.c	Default-LBE-Multi+SBE.epf	1116.93 s	7622.50 MB	5265.33 MB	0	0.00 s	0.00 s	3	6	548	1.7 K	1.6 K	10.1 K	1.1 K	9.0 K	-	-	-	-	-	-	-
	Problem14_prop.021.c	None+SBE.epf	1185.33 s	7282.00 MB	5659.02 MB	0	0.00 s	0.00 s	3	6	548	1.7 K	1.6 K	10.1 K	1.6 K	10.1 K	-	-	-	-	-	-	-
	Problem14_prop.035.c	None+SBE+SimplifyAssumesSBE.epf	808.30 s	7404.00 MB	5772.36 MB	0	0.00 s	0.00 s	2	3	548	1.7 K	1.1 K	5.1 K	1.1 K	5.1 K	-	-	-	-	-	-	-
	Problem14_prop.035.c	None+SBE.epf	825.24 s	6756.00 MB	5920.82 MB	0	0.00 s	0.00 s	2	3	548	1.7 K	1.1 K	5.1 K	1.1 K	5.1 K	-	-	-	-	-	-	-
	Problem14_prop.039.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	592.22 s	6944.50 MB	5920.32 MB	0	0.00 s	0.00 s	7	20	548	1.7 K	3.8 K	33.6 K	2.4 K	19.0 K	-	-	-	-	-	-	-
	Problem14_prop.039.c	Default-LBE-Multi+SBE.epf	621.35 s	6944.50 MB	5675.19 MB	0	0.00 s	0.00 s	7	20	548	1.7 K	3.8 K	33.6 K	2.4 K	19.0 K	-	-	-	-	-	-	-
	Problem14_prop.039.c	None+SBE+SimplifyAssumesSBE.epf	402.65 s	7154.00 MB	6545.75 MB	0	0.00 s	0.00 s	7	20	548	1.7 K	3.8 K	33.6 K	3.8 K	62.6 K	-	-	-	-	-	-	-
	Problem14_prop.039.c	None+SBE.epf	728.50 s	7154.00 MB	6139.06 MB	0	0.00 s	0.00 s	7	20	548	1.7 K	3.8 K	33.6 K	3.8 K	33.6 K	-	-	-	-	-	-	-
	Problem14_prop.045.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	648.92 s	6953.00 MB	4613.24 MB	0	0.00 s	0.00 s	4	8	548	1.7 K	2.2 K	13.5 K	1.6 K	12.2 K	-	-	-	-	-	-	-
	Problem14_prop.045.c	Default-LBE-Multi+SBE.epf	715.33 s	6824.00 MB	6737.93 MB	0	0.00 s	0.00 s	4	8	548	1.7 K	2.2 K	13.5 K	1.6 K	12.2 K	-	-	-	-	-	-	-
	Problem14_prop.045.c	None+SBE+SimplifyAssumesSBE.epf	669.56 s	7282.00 MB	6038.21 MB	0	0.00 s	0.00 s	4	8	548	1.7 K	2.2 K	13.5 K	2.2 K	13.5 K	-	-	-	-	-	-	-
	Problem14_prop.045.c	None+SBE.epf	877.58 s	7282.00 MB	5491.16 MB	0	0.00 s	0.00 s	4	8	548	1.7 K	2.2 K	13.5 K	2.2 K	13.5 K	-	-	-	-	-	-	-
	Problem14_prop.046.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	866.64 s	6782.00 MB	5055.42 MB	0	0.00 s	0.00 s	3	6	548	1.7 K	1.6 K	10.1 K	1.1 K	9.0 K	-	-	-	-	-	-	-
	Problem14_prop.046.c	Default-LBE-Multi+SBE.epf	1193.54 s	7282.00 MB	5474.58 MB	0	0.00 s	0.00 s	3	6	548	1.7 K	1.6 K	10.1 K	1.1 K	9.0 K	-	-	-	-	-	-	-
	Problem14_prop.049.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	584.90 s	7649.00 MB	4931.69 MB	0	0.00 s	0.00 s	7	20	548	1.7 K	3.8 K	33.6 K	2.4 K	19.0 K	-	-	-	-	-	-	-
	Problem14_prop.049.c	Default-LBE-Multi+SBE.epf	636.76 s	7037.00 MB	5608.07 MB	0	0.00 s	0.00 s	7	20	548	1.7 K	3.8 K	33.6 K	2.4 K	19.0 K	-	-	-	-	-	-	-</

Problem14_prop_046.c	None.epf	234.24 s	7282.00 MB	921.61 MB	46	233.61 s	7.64 s	3	6	670	853	2.0 K	5.0 K	2.0 K	5.0 K	45	0	0	Unknown	8	0	0
Problem14_prop_049.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	343.64 s	7287.50 MB	4881.06 MB	0	0.00 s	0.00 s	7	20	670	2.1 K	4.6 K	41.5 K	2.9 K	22.6 K	-	-	-	-	-	-	-
Problem14_prop_049.c	Default-LBE-Multi+SBE.epf	610.98 s	7282.00 MB	3969.33 MB	0	0.00 s	0.00 s	7	20	670	2.1 K	4.6 K	41.5 K	2.9 K	22.6 K	-	-	-	-	-	-	-
Problem14_prop_049.c	None+SBE+SimplifyAssumesSBE.epf	465.48 s	7269.00 MB	4270.35 MB	0	0.00 s	0.00 s	7	20	670	2.1 K	4.6 K	41.5 K	4.6 K	78.2 K	-	-	-	-	-	-	-

Table 1: Results for LTLAutomizerC.xml.