

	#	Result	Variant	Count	Total time	Alloc. Memory	Peak Memory	Iterations	BA analysis time	BA minimization time	Initial property automaton Locations	Initial property automaton Edges	Initial RCFG Locations	Initial RCFG Edges	Initial product Locations	Initial product Edges	Optimized Product Locations	Optimized Product Edges	Trivial modules	Deterministic modules	Non-deterministic modules	Remainder	Avg Locs trivial modules	Avg Locs deterministic modules	Avg Locs non-deterministic modules		
coolant	12	Unsafe	None-StagedBlast.epf None.epf	9 8	37.03 s 33.28 s	3312.28 MB 3528.50 MB	1245.56 MB 1345.48 MB	4 3	36.94 s 33.19 s	0.01 s 0.01 s	3 3	7 8	78 78	90 89	205 203	498 531	205 213	498 531	1 2	0 0	0 0	Nonterminating	2	1	0		
	6	Safe	None-StagedBlast.epf None.epf	6 6	26.76 s 35.23 s	3842.42 MB 3821.92 MB	241.10 MB 567.79 MB	9 9	26.65 s 35.13 s	0.01 s 0.21 s	3 3	8 8	77 77	89 89	217 217	557 517	217 557	4 4	4 4	0 0	-	-	2	5	0		
	18	Completed	None-StagedBlast.epf None.epf	15 14	32.92 s 34.12 s	3524.33 MB 3654.25 MB	843.78 MB 1012.18 MB	6 5	32.82 s 34.02 s	0.01 s 0.09 s	3 3	7 8	78 89	210 214	522 542	210 214	522 542	2 2	2 1	0 0	Nonterminating	2	3	0			
		Timeout	None-StagedBlast.epf None.epf	1 1	720.14 s 720.10 s	4902.50 MB 5397.00 MB	400.89 MB 2216.47 MB	72 72	720.07 s 719.99 s	1.73 s 1.83 s	4 4	8 8	78 78	90 90	198 198	424 424	198 424	71 71	0 0	0 0	Decomposition not yet finished	65	0	0			
	27	Unsafe	None-StagedBlast.epf None.epf	0 0	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
	P14	23	Safe	None-StagedBlast.epf None.epf	18 18	27.11 s 26.94 s	5302.39 MB 5249.69 MB	532.17 MB 662.09 MB	23 23	26.26 s 26.10 s	1.70 s 1.69 s	3 3	8 8	672 672	853 853	2.4 K 2.4 K	6.8 K 6.8 K	2.4 K 2.4 K	6.8 K 6.8 K	22 22	0 0	0 0	-	-	4	0	0
	50	Completed	None-StagedBlast.epf None.epf	18 18	27.11 s 26.94 s	5302.39 MB 5249.69 MB	532.17 MB 662.09 MB	23 23	26.26 s 26.10 s	1.70 s 1.69 s	3 3	8 8	672 672	853 853	2.4 K 2.4 K	6.8 K 6.8 K	2.4 K 2.4 K	6.8 K 6.8 K	22 22	0 0	0 0	-	-	4	0	0	
		Timeout	None-StagedBlast.epf None.epf	8 7	1316.22 s 1367.62 s	5349.00 MB 5564.14 MB	2597.36 MB 2383.65 MB	27 29	1315.74 s 1367.15 s	1.43 s 1.51 s	2 2	4 4	672 672	853 853	1.6 K 1.6 K	3.4 K 3.5 K	1.6 K 1.6 K	3.4 K 3.5 K	26 28	0 0	0 0	Decomposition not yet finished	4	5	0		
P16	28	Unsafe	None-StagedBlast.epf None.epf	2 2	296.53 s 296.85 s	7264.25 MB 7447.25 MB	1568.96 MB 1684.65 MB	48 48	295.24 s 295.59 s	11.23 s 11.14 s	3 3	5 5	1.4 K 1.4 K	1.8 K 1.8 K	4.3 K 4.3 K	9.6 K 9.6 K	4.3 K 4.3 K	9.6 K 9.6 K	47 47	0 0	0 0	Nonterminating	6	0	0		
	22	Safe	None-StagedBlast.epf None.epf	13 13	165.13 s 160.47 s	7098.50 MB 6982.92 MB	861.00 MB 786.12 MB	46 46	163.38 s 158.79 s	19.82 s 19.21 s	3 3	7 7	1.4 K 1.4 K	1.8 K 1.8 K	4.8 K 4.8 K	12.6 K 12.6 K	4.8 K 4.8 K	12.6 K 12.6 K	45 45	0 0	0 0	-	-	5	0	0	
	50	Completed	None-StagedBlast.epf None.epf	15 15	170.65 s 166.65 s	7120.60 MB 7044.83 MB	955.39 MB 905.93 MB	46 46	168.96 s 165.03 s	18.67 s 18.13 s	3 3	7 7	1.4 K 1.4 K	1.8 K 1.8 K	4.7 K 4.7 K	12.2 K 12.2 K	4.7 K 4.7 K	12.2 K 12.2 K	45 45	0 0	0 0	Nonterminating	5	0	0		
		Timeout	None-StagedBlast.epf None.epf	5 6	771.73 s 758.51 s	7322.10 MB 7421.25 MB	3869.46 MB 3236.27 MB	50 45	769.14 s 755.94 s	38.37 s 33.49 s	4 4	11 11	1.4 K 1.4 K	1.8 K 1.8 K	6.5 K 6.4 K	20.3 K 19.5 K	6.5 K 6.4 K	20.3 K 19.5 K	48 44	0 0	0 0	Decomposition not yet finished	5	34	0		
bugs	3	Unsafe	None-StagedBlast.epf None.epf	2 2	0.60 s 0.48 s	408.50 MB 443.25 MB	95.98 MB 105.43 MB	2 2	0.57 s 0.46 s	0.00 s 0.00 s	1 1	1 1	23 23	30 30	22 22	26 26	22 26	22 26	1 1	0 0	0 0	Nonterminating	2	3	0		
	9	Safe	None-StagedBlast.epf None.epf	9 9	1.43 s 3.87 s	376.83 MB 375.61 MB	29.68 MB 26.99 MB	4 3	1.29 s 3.81 s	0.01 s 0.01 s	1 1	2 2	21 21	27 27	27 27	41 41	27 41	27 41	2 2	0 0	0 0	-	-	3	1	0	
	12	Completed	None-StagedBlast.epf None.epf	11 11	1.28 s 3.25 s	382.59 MB 387.91 MB	41.73 MB 41.25 MB	3 3	1.16 s 3.20 s	0.01 s 0.01 s	1 1	2 2	21 21	28 28	26 26	38 38	26 38	26 38	2 2	0 0	0 0	Nonterminating	3	2	0		
		Timeout	None-StagedBlast.epf None.epf	0 0	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
	24	Unsafe	None-StagedBlast.epf None.epf	0 0	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
	P15	26	Safe	None-StagedBlast.epf None.epf	24 24	81.58 s 81.36 s	6691.08 MB 6563.88 MB	1210.70 MB 1222.39 MB	25 25	79.07 s 79.08 s	11.82 s 11.44 s	3 3	8 8	1.5 K 1.5 K	1.8 K 1.8 K	5.6 K 5.6 K	15.8 K 15.8 K	5.6 K 5.6 K	15.8 K 15.8 K	24 24	0 0	0 0	-	-	4	0	0
	50	Completed	None-StagedBlast.epf None.epf	24 24	81.58 s 81.36 s	6691.08 MB 6563.88 MB	1210.70 MB 1222.39 MB	25 25	79.07 s 79.08 s	11.82 s 11.44 s	3 3	8 8	1.5 K 1.5 K	1.8 K 1.8 K	5.6 K 5.6 K	15.8 K 15.8 K	5.6 K 5.6 K	15.8 K 15.8 K	24 24	0 0	0 0	-	-	4	0	0	
		Timeout	None-StagedBlast.epf None.epf	9 8	740.04 s 724.25 s	7183.22 MB 7319.19 MB	5644.28 MB 5573.53 MB	38 37	737.92 s 722.13 s	36.71 s 50.36 s	3 3	7 7	1.5 K 1.5 K	1.8 K 1.8 K	5.0 K 5.2 K	12.8 K 13.7 K	5.0 K 5.2 K	12.8 K 13.7 K	37 36	0 0	0 0	Decomposition not yet finished	4	4	0		
P18	24	Unsafe	None-StagedBlast.epf None.epf	0 0	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
	26	Safe	None-StagedBlast.epf None.epf	19 19	248.11 s 248.11 s	7404.74 MB 7318.29 MB	1494.31 MB 1420.10 MB	37 37	244.84 s 244.93 s	52.75 s 51.82 s	3 3	6 6	3.4 K 3.4 K	4.1 K 4.1 K	10.6 K 10.6 K	26.0 K 26.0 K	10.6 K 10.6 K	26.0 K 26.0 K	36 36	0 0	0 0	-	-	5	0	0	
	50	Completed	None-StagedBlast.epf None.epf	19 19	248.11 s 248.11 s	7404.74 MB 7318.29 MB	1494.31 MB 1420.10 MB	37 37	244.84 s 244.93 s	52.75 s 51.82 s	3 3	6 6	3.4 K 3.4 K	4.1 K 4.1 K	10.6 K 10.6 K	26.0 K 26.0 K	10.6 K 10.6 K	26.0 K 26.0 K	36 36	0 0	0 0	-	-	5	0	0	
		Timeout	None-StagedBlast.epf None.epf	19 20	721.86 s 720.67 s	7456.76 MB 7458.15 MB	3341.74 MB 3182.32 MB	44 43	717.78 s 716.78 s	122.47 s 119.93 s	3 3	8 7	3.4 K 3.4 K	4.1 K 4.1 K	12.6 K 12.3 K	33.3 K 32.3 K	12.6 K 12.3 K	33.3 K 32.3 K	43 43	0 0	0 0	Decomposition not yet finished	5	3	0		
simple	4	Unsafe	None-StagedBlast.epf None.epf	4 4	0.16 s 0.15 s	6638.13 MB 6601.88 MB	252.32 MB 274.02 MB	1 1	0.14 s 0.14 s	0.00 s 0.00 s	1 1	2 2	16 16	23 23	22 22	40 40	22 40	22 40	- -	- -	- -	Nonterminating	-	-	-	-	
	8	Safe	None-StagedBlast.epf None.epf	5 5	0.72 s 0.77 s	7009.10 MB 6839.10 MB	192.59 MB 348.63 MB	8 8	0.69 s 0.76 s	0.00 s 0.01 s	1 1	1 1	19 19	27 27	25 25	39 39	25 39	25 39	3 3	4 4	0 0	-	-	5	6	0	
	12	Completed	None-StagedBlast.epf None.epf	9 9	0.47 s 0.50 s	6844.22 MB 6733.67 MB	219.14 MB 315.47 MB	5 5	0.45 s 0.48 s	0.00 s 0.00 s	1 1	2 2	18 18	25 25	24 24	39 39	24 39	24 39	- -	- -	- -	Nonterminating	-	-	-	-	
		Timeout	None-StagedBlast.epf None.epf	0 3	- 824.91 s	- 7284.83 MB	- 4632.28 MB	- 13	- 824.60 s	- 0.01 s	- 1	- 1	- 29	- 37	- 28	- 33	- 28	- 33	- 28	- 33	- 11	- 1	0 0	Decomposition not yet finished	13	6	0
	22	Unsafe	None-StagedBlast.epf None.epf	1 1	174.40 s 174.78 s	7740.50 MB 7494.50 MB	3332.85 MB 3654.70 MB	24 24	172.72 s 173.09 s	36.96 s 37.26 s	2 2	3 3	2.2 K 2.2 K	2.7 K 2.7 K	4.3 K 4.3 K	7.9 K 7.9 K	4.3 K 4.3 K	7.9 K 7.9 K	23 23	0 0	0 0	Nonterminating	5	0	0		
		28	Safe	None-StagedBlast.epf None.epf	26 26	82.45 s 82.22 s	7258.17 MB 7136.44 MB	968.38 MB 964.22 MB	21 21	78.93 s 78.74 s	11.33 s 11.67 s	3 3	7 7	2.2 K 2.2 K	2.7 K 2.7 K	7.3 K 7.3 K	19.5 K 19.5 K	7.3 K 7.3 K	19.5 K 19.5 K	20 20	0 0	0 0	-	-	4	0	0
	50	Completed	None-StagedBlast.epf None.epf	27 27	85.85 s 85.65 s	7276.04 MB 7149.70 MB	1055.95 MB 1063.87 MB	21 21	82.40 s 82.24 s	12.28 s 12.62 s	3 3	7 7	2.2 K 2.2 K	2.7 K 2.7 K	7.2 K 7.2 K	19.1 K 19.1 K	7.2 K 7.2 K	19.1 K 19.1 K	20 20	0 0	0 0	Nonterminating	4	0	0		
		Timeout	None-StagedBlast.epf None.epf	9 9	720.79 s 721.71 s	7251.94 MB 7075.28 MB	1867.99 MB 2321.93 MB	15 12	719.07 s 719.70 s	27.30 s 61.99 s	1 1	2 2	2.2 K 2.2 K	2.7 K 2.7 K	3.9 K 3.4 K	7.9 K 6.9 K	3.9 K 3.4 K	7.9 K 6.2 K	13 10	0 0	0 0	Decomposition not yet finished	4	3	0		
P19	23	Unsafe	None-StagedBlast.epf None.epf	0 0	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
	27	Safe	None-StagedBlast.epf None.epf	0 0	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
	50	Completed	None-StagedBlast.epf None.epf	0 0	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -		
		Timeout	None-StagedBlast.epf None.epf	19 12	722.54 s 722.60 s	7308.95 MB 7283.46 MB	3414.24 MB 3115.81 MB	21 28	714.66 s 714.28 s	114.62 s 138.64 s	2 2	4 5	8.1 K 8.1 K	9.6 K 9.6 K	20.8 K 22.8 K	46.3 K 51.0 K	20.8 K 22.8 K	46.3 K 51.0 K	20 27	0 0	0 0	Decomposition not yet finished	5	14	0		
hlcmodelchecker18 benchmarks	5	Unsafe	None-StagedBlast.epf None.epf	4 4	7.87 s 7.84 s	5743.88 MB 5703.38 MB	1690.76 MB 1578.42 MB	4 4	7.84 s 7.81 s	0.00 s 0.02 s	2 2	3 3	66 66	81 81	112 112	202 202	112 112	202 202	3 3	0 0	0 0	Nonterminating	3	1	0		
		Safe	None-StagedBlast.epf None.epf	15 15	8.16 s 8.53 s	5276.50 MB 5179.20 MB	354.35 MB 473.83 MB	12 12	8.07 s 8.45 s	0.02 s 0.08 s	2 2	3 3	180 180	203 203	334 334	585 585	334 585	585 585	3 3	8 8	0 0	-	-	3	2	0	
			Timeout	None-StagedBlast.epf None.epf	19 19	8.10 s 8.38 s	5374.80 MB 5289.55 MB	635.70 MB 685.85 MB	10 10	8.02 s 8.31 s	0.01 s 0.06 s	2 2	3 3	156 156	177 177	287 287	504 504	287 504	504 504	3 3	6 6	0					