Result	File	Variant	Total time	Alloc. Mem- ory	Peak Mem- ory	BA analy- sis time	BA mini- miza- tion time	Initial property automaton Locations	Initial prop- erty au- toma- ton Edges		Initial RCFG Edges	Initial product Locations	Initial prod- uct Edges	Optimiz Prod- uct Loca- tions	Proq-	l Trivial mod- ules	Determin <b>Notic</b> deterministic mod- mod- ules ules	Avg Locs Remaind <b>er</b> ivia mod- ules	s dete al min - tio	cer- nis- minis- tic tic
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Error	04-toylinarith1.c	Default-LBE-Multi+NondetBuchi.epf	0.20 s	1591.50 MB	69.26 MB		0.14 s	0.00 s	2	2	36	45	35	41	7	10	6	0	1	Nonterminating	4	0	
	04-toylinarith1.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	$0.22 \mathrm{\ s}$	1598.50  MB	$69.73~\mathrm{MB}$	8	$0.14 \mathrm{s}$ $0.16 \mathrm{s}$	$0.00 \mathrm{\ s}$	$\frac{2}{2}$	$\frac{2}{2}$	36	45	35	41	7	10	6	1	0	Nonterminating	4	3	0
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	04-toylinarith1.c	Default-LBE-Single.epf		1598.50 MB	69.73 MB	7	0.15  s	$0.00 \ s$	2	2	36	45	35	41	9	12	5	1	0	Nonterminating	4	4	0
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	04-toylinarith1.c	None.epf			161.61 MB	8	$0.35 \mathrm{\ s}$	$0.00 \mathrm{s}$	$\overline{2}$	$\overline{2}$	36	45	35	41	35	41	6	1	0	Nonterminating	6	$\stackrel{\circ}{4}$	0
	08-postgreSQL-pgarch.c	Default-LBE-Multi+NondetBuchi.epf		1591.50 MB	44.93 MB	3	0.11 s	0.00  s	2	3	70 70	99	160	266	103	192	2	0	0	Nonterminating	3	0	0
	08-postgreSQL_pgarch.c 08-postgreSQL_pgarch.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf		1601.50 MB 1591.50 MB	44.37 MB 44.93 MB	3 3	$0.11 \text{ s} \\ 0.10 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	$\frac{2}{2}$	3 3	70 70	99 99	160 160	$\frac{266}{266}$	103 $103$	$192 \\ 192$	$\frac{2}{2}$	0	0	Nonterminating Nonterminating	3 3	0	0
	08-postgreSQL_pgarch.c	Default-LBE-Multi.epf		1600.50 MB	$44.37~\mathrm{MB}$	3	$0.10 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	2	3	70	99	160	266	103	192	2	0	0	Nonterminating	3	0	0
	08-postgreSQL_pgarch.c	Default-LBE-SNME.epf Default-LBE-Single.epf		1591.50 MB 1600.00 MB	44.93 MB 44.37 MB	3	$0.10 \text{ s} \\ 0.10 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	2	3	70 70	99	160 160	$\frac{266}{266}$	$\frac{136}{136}$	$221 \\ 221$	2	0	0	Nonterminating Nonterminating	3	0	0
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	$08$ -postgreSQL_pgarch.c	None+SBE.epf	$0.17~\mathrm{s}$	1600.00 MB	$44.37~\mathrm{MB}$	4	$0.11~\mathrm{s}$	$0.00 \mathrm{\ s}$	2	3	70	99	160	266	160	266	3	0	0	Nonterminating	2	0	0
	08-postgreSQL_pgarch.c 09-postgreSQL_dropbuf_prop1.c	None.epf Default-LBE-Multi+NondetBuchi.epf		1591.50 MB 1599.50 MB	44.93 MB 266.23 MB	4	$0.14 \text{ s} \\ 1.28 \text{ s}$	$0.01 \text{ s} \\ 0.01 \text{ s}$	2	3	70 84	$\frac{99}{108}$	$160 \\ 155$	$\frac{266}{265}$	$\frac{160}{138}$	$266 \\ 231$	3	0	0	Nonterminating Nonterminating	$\frac{2}{3}$	0	0
	09-postgreSQL_dropbuf_prop1.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf		1591.50 MB	292.02 MB	4	1.20 s 1.21 s	0.01  s $0.01  s$	3	5	84	110	155	$\frac{203}{271}$	138	237	2	1	0	Nonterminating	3	6	0
	$09\text{-}postgreSQL\_dropbuf\_prop1.c}$	Default-LBE-Multi+SBE.epf	$1.05~\mathrm{s}$	$1600.50~\mathrm{MB}$	$266.22~\mathrm{MB}$	4	$0.94~\mathrm{s}$	$0.00~\mathrm{s}$	3	5	84	110	155	271	138	237	2	1	0	Nonterminating	3	6	0
II C-	09-postgreSQL_dropbuf_prop1.c 09-postgreSQL_dropbuf_prop1.c	Default-LBE-Multi.epf Default-LBE-SNME.epf		1591.50 MB 1601.50 MB	269.56 MB 244.04 MB	3	$0.78 \text{ s} \\ 0.64 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	3	5 5	84	108 108	$155 \\ 155$	$\frac{265}{265}$	$\frac{138}{122}$	$231 \\ 215$	1	1	0	Nonterminating Nonterminating	3	6	0
Unsafe	09-postgreSQL_dropbuf_prop1.c	Default-LBE-Single.epf		1591.50 MB	247.10 MB	3	$0.04 \text{ s} \\ 0.82 \text{ s}$	0.00  s $0.00  s$	3	5 5	84	108	$155 \\ 155$	$\frac{265}{265}$	122 $122$	$\frac{215}{215}$	1	1	0	Nonterminating	3	6	0
	$09\text{-}postgreSQL\_dropbuf\_prop1.c}$	None+SBE+SimplifyAssumesSBE.epf	$0.79~\mathrm{s}$	$1602.00~\mathrm{MB}$	$288.41~\mathrm{MB}$	5	$0.70~\mathrm{s}$	$0.00~\mathrm{s}$	3	5	84	110	155	271	155	271	3	1	0	Nonterminating	3	6	0
	09-postgreSQL_dropbuf_prop1.c	None+SBE.epf		1591.50 MB	292.02 MB	5	0.58 s	0.00  s	3	5	84	110	155	271	155	271	3	1	0	Nonterminating	3	6	0
	09-postgreSQL_dropbuf_prop1.c 15-windows_os_frag2_wbug.c	None.epf Default-LBE-Multi+NondetBuchi.epf		1602.50 MB 3426.00 MB	288.41 MB 65.44 MB	3	$0.56 \text{ s} \\ 0.10 \text{ s}$	$0.01 \text{ s} \\ 0.00 \text{ s}$	3 2	о 3	84 91	$108 \\ 121$	$155 \\ 175$	$\frac{265}{321}$	$\begin{array}{c} 155 \\ 66 \end{array}$	$\frac{265}{156}$	$\frac{2}{2}$	0	0	Nonterminating Nonterminating	$\frac{2}{3}$	0	0
	15-windows_os_frag2_wbug.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf		3386.00 MB	51.37 MB	3	$0.10 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	2	3	91	122	175	324	66	159	2	0	0	Nonterminating	3	0	0
	15-windows_os_frag2_wbug.c	Default-LBE-Multi+SBE.epf		3413.00 MB	52.35 MB	3	0.11  s	$0.00 \ { m s}$	2	3	91	122	175	324	66	159	2	0	0	Nonterminating	3	0	0
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	15-windows_os_frag2_wbug.c	Default-LBE-Single.epf		3386.00 MB	38.53 MB	2	$0.09 \mathrm{s}$	$0.00 \mathrm{s}$	2	3	91	121	175	321	121	219	1	0	0	Nonterminating	3	0	0
	15-windows_os_frag2_wbug.c	None+SBE+SimplifyAssumesSBE.epf		3401.50 MB	65.44 MB	4	$0.11 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	2	3	91	122	175	324	175	324	3	0	0	Nonterminating	2	0	0
	15-windows_os_frag2_wbug.c 15-windows_os_frag2_wbug.c	None+SBE.epf None.epf		3386.00 MB 3398.50 MB	64.22 MB 52.35 MB	4	$0.13 \text{ s} \\ 0.11 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	$\frac{2}{2}$	3	91 01	$\frac{122}{121}$	$175 \\ 175$	$\frac{324}{321}$	$175 \\ 175$	$324 \\ 321$	3	0	0	Nonterminating Nonterminating	$\frac{2}{2}$	0	0
	21-windows_os_frag6_wbug.c	None.epi Default-LBE-Multi+NondetBuchi.epf		3207.50 MB	14.28 MB	1	$0.11 \text{ s} \\ 0.01 \text{ s}$	0.00  s $0.00  s$	$\frac{2}{2}$	4	$\frac{31}{38}$	55	75	173	45	110	-	-	-	Nonterminating	_	-	-
	21-windows_os_frag6_wbug.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	$0.08 \mathrm{\ s}$	3319.00 MB	$14.28~\mathrm{MB}$	1	$0.01~\mathrm{s}$	$0.00~\mathrm{s}$	2	4	38	56	75	177	46	112	-	-	-	Nonterminating	-	-	-
	21-windows_os_frag6_wbug.c 21-windows_os_frag6_wbug.c	Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf		3207.50 MB 3276.00 MB	14.28 MB 14.28 MB	1	$0.02 \text{ s} \\ 0.02 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	$\frac{2}{2}$	4	$\frac{38}{38}$	56 55	75 75	177 $173$	$\frac{46}{45}$	$\frac{112}{110}$	-	-	-	Nonterminating Nonterminating	-	-	-
	21-windows_os_frag6_wbug.c	Default-LBE-SNME.epf		3207.50 MB	14.28 MB	1	0.02  s $0.01  s$	0.00  s $0.00  s$	$\frac{2}{2}$	4	$\frac{38}{38}$	55 55	75 75	173	60	122	-	-	-	Nonterminating	-	-	-
	21-windows_os_frag6_wbug.c	Default-LBE-Single.epf	$0.06 \mathrm{\ s}$	3249.50  MB	$14.28~\mathrm{MB}$	1	$0.01~\mathrm{s}$	$0.00~\mathrm{s}$	2	4	38	55	75	173	60	122	-	-	-	Nonterminating	-	-	-
	21-windows_os_frag6_wbug.c 21-windows_os_frag6_wbug.c	None+SBE+SimplifyAssumesSBE.epf		3207.50 MB	14.28 MB	2	0.02  s	0.00  s	2	4	38	56	75 75	177	75	177	1	0	0	Nonterminating	2	0	0
	21-windows_os_frag6_wbug.c 21-windows_os_frag6_wbug.c	None+SBE.epf None.epf		3235.00 MB 3207.50 MB	14.28 MB 19.05 MB		$0.04 \text{ s} \\ 0.02 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	$\frac{2}{2}$	4	$\frac{38}{38}$	55	75 75	$177 \\ 173$	75 75	$177 \\ 173$	1	0	0	Nonterminating Nonterminating	$\frac{2}{2}$	0	0
	01-exsec2.c	Default-LBE-Multi+NondetBuchi.epf		1681.50 MB	35.34 MB	2	0.01 s	0.00 s	2	4	18	26	28	64	17	39	1	0	0	-	3	0	
	01-exsec $2$ .c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	$0.06 \mathrm{\ s}$	1591.50  MB	$35.45~\mathrm{MB}$	2	$0.01 \mathrm{\ s}$	$0.00 \mathrm{\ s}$	2	4	18	26	28	64	17	39	1	0	0	-	3	0	0
	01-exsec2.c 01-exsec2.c	Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf		1663.50 MB 1591.50 MB	35.45 MB 35.45 MB	$\frac{2}{2}$	$0.01 \text{ s} \\ 0.01 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	2	4	18	26 26	28 28	64 64	$\frac{17}{17}$	39 39	1	0	0	-	$\frac{3}{3}$	0	0
	01-exsec2.c	Default-LBE-SNME.epf		1643.00 MB	35.45 MB	2	0.01  s $0.01  s$	$0.00 \text{ s} \\ 0.00 \text{ s}$	2	4	18	26	28	64	21	40	1	0	0	-	3	0	0
	01-exsec $2.c$	Default-LBE-Single.epf	$0.08~\mathrm{s}$	1591.50 MB	$35.45~\mathrm{MB}$		$0.01~\mathrm{s}$	$0.00~\mathrm{s}$	2	4	18	26	28	64	21	40	1	0	0	-	3	0	0
	01-exsec2.c	None+SBE+SimplifyAssumesSBE.epf		1626.50 MB	23.63 MB	3	0.01  s	0.00  s	2	4	18	26	28	64	28	64	2	0	0	-	2	0	0
	01-exsec2.c 01-exsec2.c	None+SBE.epf None.epf		1591.50 MB 1614.00 MB	35.45 MB 35.45 MB	3 3	$0.01 \text{ s} \\ 0.01 \text{ s}$	0.00 s 0.00 s	$\frac{2}{2}$	4	18	26 26	28 28	$64 \\ 64$	28 28	$64 \\ 64$	$\frac{2}{2}$	0	0	-	$\frac{2}{2}$	0	0
	02-fig8-2007.c	Default-LBE-Multi+NondetBuchi.epf		1591.50 MB	$35.45~\mathrm{MB}$	3	$0.03 \mathrm{\ s}$	$0.00 \mathrm{s}$	$\overline{2}$	3	72	93	149	230	96	167	$\overline{2}$	0	0	-	3	0	0
	02-fig8-2007.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf		1607.00 MB	35.45 MB	3	0.03  s	0.00  s	2	3	72 70	93	149	230	96	167	2	0	0	-	3	0	0
	02-fig8-2007.c 02-fig8-2007.c	Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf		1591.50 MB 1603.50 MB	35.45 MB 35.45 MB	3 3	$0.03 \text{ s} \\ 0.03 \text{ s}$	0.00 s 0.00 s	$\frac{2}{2}$	ა 3	$\frac{72}{72}$	93 93	149 149	$\frac{230}{230}$	96 96	167 $167$	$\frac{2}{2}$	0	0	-	$\frac{3}{3}$	0 0	0
	02-fig8-2007.c	Default-LBE-SNME.epf		1591.50 MB	35.45 MB	3	0.03  s $0.04  s$	$0.00 \mathrm{s}$	2	3	72	93	149	230	131	200	2	0	0	-	3	0	0
	02-fig8-2007.c	Default-LBE-Single.epf		1601.00 MB	35.45 MB	3	0.03  s	$0.00 \ s$	2	3	72 72	93	149	230	131	200	2	0	0	-	3	0	0
	02-fig8-2007.c 02-fig8-2007.c	None+SBE+SimplifyAssumesSBE.epf None+SBE.epf		1591.50 MB 1600.50 MB	35.45 MB 35.45 MB	3	0.04 s 0.04 s	0.00 s 0.00 s	2	3 2	$\frac{72}{72}$	93 93	149 149	$\frac{230}{230}$	$\frac{149}{149}$	230 230	2	0	0	-	4	0	0
	02-fig8-2007.c	None.epf		1600.00 MB	35.45 MB 35.45 MB	3	$0.04 \text{ s} \\ 0.05 \text{ s}$	$0.00 \text{ s} \\ 0.00 \text{ s}$	2	3	72 72	93 93	149 149	$\frac{230}{230}$	149	$\frac{230}{230}$	2	0	0	-	4	0	0
	03-toyacquirerelease.c	Default-LBE-Multi+NondetBuchi.epf	$0.12 \mathrm{\ s}$	1599.00 MB	$35.45~\mathrm{MB}$	4	0.06 s	$0.00~\mathrm{s}$	2	3	31	41	53	94	23	47	2	0	1	-	3	0	7
	03-toyacquirerelease.c 03-toyacquirerelease.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf		1591.50 MB 1599.00 MB	35.45 MB 35.45 MB	4 1	$0.07 \text{ s} \\ 0.07 \text{ s}$	0.00 s 0.00 s	$\frac{2}{2}$	3 2	31 31	41 41	53 53	94 94	23 23	47 47	$\frac{2}{2}$	1	0	-	3 3	5 5	0
	55 voyacquirorotomo.c	Dollary DDD Maior   DDD.cpt	0.10 9	1000.00 MID	OUTO MID	-#	0.01 8	0.00 8	4	9	91	41	99	JI	20	-11	4	1	U	-	J	9	U

03-toyacquirerelease.c	Default-LBE-Multi.epf		5.45 MB	4 - 0.06  s - 0.00  s	2	3	31 41	53	94 23	47	2	1	0	-	3	5	0
03-toyacquirerelease.c	Default-LBE-SNME.epf		5.45 MB	4 - 0.07  s - 0.00  s	2	3	31 $41$	53	94 38	61	2	1	0	-	3	5	0
03-toyacquirerelease.c	Default-LBE-Single.epf		5.45 MB	4 - 0.07  s - 0.00  s	2		31 $41$	53	94 38	61	2	1	0	-	3	5	0
03-toyacquirerelease.c	None+SBE+SimplifyAssumesSBE.epf		5.45 MB	3 - 0.07  s - 0.00  s	2	3	31   41	53	94 53	94	1	1	0	-	4	5	0
03-toyacquirerelease.c	None+SBE.epf		5.45 MB	3 0.06 s 0.00 s	2	3	31 41	53	94 53	94	1	1	0	-	4	5	0
03-toyacquirerelease.c	None.epf Default-LBE-Multi+NondetBuchi.epf		5.45 MB 2.98 MB	3 0.06 s 0.00 s 8 0.18 s 0.01 s	2	ა ე	31 41 46 56	53 45	94 53 52 7	94	1	1	0	-	4	0	0
05-toylinarith $2.c05$ -toylinarith $2.c$	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf		2.98 MB 2.35 MB	8 0.18 s 0.01 s 9 0.19 s 0.01 s	2	2	46 56	45 45	52 7 52 7	11 11	4 5	9	ა ი	-	4	9	3 0
05-toylinarith2.c	Default-LBE-Multi+SBE.epf		9.73 MB	8 0.18 s 0.01 s	$\frac{2}{2}$	2	46 56	45	52 7	11	4	3	0	_	4	3	0
05-toylinarith2.c	Default-LBE-Multi.epf		6.17 MB	7 0.12 s 0.00 s	2	2	46 56	45	52 7	11	4	2	0	_	4	3	0
05-toylinarith2.c	Default-LBE-SNME.epf		2.98 MB	8 0.19 s 0.01 s	2	2	46 56	45	52 8	12	4	3	0	-	4	3	0
05-toylinarith2.c	Default-LBE-Single.epf	0.23 s 1591.50 MB 69.	9.26 MB	7   0.16  s   0.00  s	2	2	46   56	45	52 11	15	5	1	0	-	4	4	0
05-toylinarith2.c	None+SBE+SimplifyAssumesSBE.epf			12   1.57   s   0.01   s	2	2	46 56	45	52 $45$	52	7	3	1	-	9	5	5
05-toylinarith2.c	None+SBE.epf			12 1.49 s 0.01 s	2	2	46 56	45	52 45	52	7	3	1	-	9	5	5
05-toylinarith2.c	None.epf			14 1.63 s 0.01 s	2	2	46 56	45	52 45	52	9	3	1	-	9	5	5
06-postgreSQL_strmsrv.c 06-postgreSQL_strmsrv.c	Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf		4.93 MB 4.37 MB	4 0.09 s 0.01 s 4 0.09 s 0.00 s	4	8 .	114 147 114 150		696 257 714 257	$627 \\ 645$	ა ვ	0	0	-	ა ვ	0	0
06-postgreSQL_strmsrv.c	Default-LBE-Multi+SBE.epf		4.93 MB	4 0.10 s 0.01 s	4	8 1	114 150		714 257	645	3	0	0	-	3 3	0	0
06-postgreSQL_strmsrv.c	Default-LBE-Multi.epf		4.37 MB	4 0.11 s 0.01 s	4	8	114 147		696 257	627	3	0	0	_	3	0	0
06-postgreSQL_strmsrv.c	Default-LBE-SNME.epf		4.93 MB	3 0.06 s 0.00 s	4	8	114 147		696 244	614	$\overline{2}$	0	0	-	3	0	0
$06$ -postgreSQL_strmsrv.c	Default-LBE-Single.epf	0.20 s 1602.00 MB 44.	4.37 MB	3 - 0.06  s - 0.00  s	4	8	114 147	278	696 244	614	2	0	0	-	3	0	0
$06$ -postgreSQL_strmsrv.c	None+SBE+SimplifyAssumesSBE.epf		4.93 MB	4 - 0.10  s - 0.01  s	4	8	114 150	278	714   278	714	3	0	0	-	3	0	0
$06$ -postgreSQL_strmsrv.c	None+SBE.epf		4.37  MB	4   0.10  s   0.01  s	4	8	114 150		714   278	714	3	0	0	-	3	0	0
06-postgreSQL_strmsrv.c	None.epf		4.93 MB	4 0.08 s 0.00 s	4	8 1	114 147		696 278	696	3	0	0	-	3	0	0
07-postgreSQL_strmsrv_wbug.c	Default-LBE-Multi+NondetBuchi.epf		4.37 MB	4 0.09 s 0.00 s 4 0.09 s 0.00 s	4	8 .	114 147		696 257 714 257	$629 \\ 647$	3	0	0	-	3	0	0
07-postgreSQL_strmsrv_wbug.c 07-postgreSQL_strmsrv_wbug.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf		4.93 MB 4.37 MB	4 0.09 s 0.00 s 4 0.09 s 0.00 s	4	8 -	114 150 114 150		714 257 714 257	647	3 3	0	0	-	ა ვ	0	0
07-postgreSQL_strmsrv_wbug.c 07-postgreSQL_strmsrv_wbug.c	Default-LBE-Multi.epf		4.93 MB	4 0.09 s 0.00 s 4 0.09 s 0.01 s	4	8	114 150 114 147		696 257	629	3	0	0	-	3	0	n
07-postgreSQL_strmsrv_wbug.c	Default-LBE-SNME.epf		4.37 MB	3 0.06 s 0.00 s	4	8	114 147		696 244	616	2	0	0	-	3	0	0
07-postgreSQL_strmsrv_wbug.c	Default-LBE-Single.epf		4.93 MB	3  0.05  s  0.00  s	4	8	114 147		696 244	616	2	0	0	-	3	0	0
$07\text{-}postgreSQL\_strmsrv\_wbug.c}$	None+SBE+SimplifyAssumesSBE.epf	0.22 s 1602.00 MB 44.	4.37 MB	4 - 0.09  s - 0.00  s	4	8	114 150		714 278	714	3	0	0	-	3	0	0
$07\text{-}postgreSQL\_strmsrv\_wbug.c}$	None+SBE.epf		4.93 MB	4 0.09 s 0.01 s	4	8	114 150		714 278	714	3	0	0	-	3	0	0
07-postgreSQL_strmsrv_wbug.c	None.epf		4.37 MB	4 0.09 s 0.01 s	4	8	114 147		696 278	696	3	0	0	-	3	0	0
10-postgreSQL_dropbuf_prop2.c	Default-LBE-Multi+NondetBuchi.epf		4.78 MB	4 0.26 s 0.00 s	2	3	84 108		257 138	223	2	0	1	-	3	0	9
10-postgreSQL_dropbuf_prop2.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf		3.11 MB 4.78 MB	4 0.26 s 0.00 s 4 0.26 s 0.00 s	2	3	84 110 84 110		263 138 263 138	$\frac{229}{229}$	2	1	0	-	3	6	0
10-postgreSQL_dropbuf_prop2.c 10-postgreSQL_dropbuf_prop2.c	Default-LBE-Multi.epf		3.11 MB	4 0.26 s 0.00 s 4 0.27 s 0.00 s	2	ა ვ	84 110 84 108		205 138 257 138	$\frac{229}{223}$	2	1	0	-	ა ვ	6	0
10-postgreSQL_dropbuf_prop2.c	Default-LBE-SNME.epf		2.32 MB	4 0.27 s 0.00 s	2	3	84 108		257 130 257 120	205	2	1	0	-	3	6	0
10-postgreSQL_dropbuf_prop2.c	Default-LBE-Single.epf		0.93 MB	4 0.27 s 0.00 s	$\overline{2}$	3	84 108		257 120	205	2	1	0	_	3	6	0
$10$ -postgreSQL_dropbuf_prop2.c	None+SBE+SimplifyAssumesSBE.epf		4.78 MB	4 - 0.27  s - 0.00  s	2	3	84 110	155	263 155	263	2	1	0	-	3	6	0
$10\hbox{-postgreSQL\_dropbuf\_prop2.c}$	None+SBE.epf		3.11 MB	4 - 0.29  s - 0.00  s	2	3	84 110		263   155	263	2	1	0	-	3	6	0
$10$ -postgreSQL_dropbuf_prop2.c	None.epf		4.78 MB	4 - 0.28  s - 0.00  s	2	3	84 108		257   155	257	2	1	0	-	3	6	0
12-apache_progress.c	Default-LBE-Multi+NondetBuchi.epf		1.46 MB	5 0.35 s 0.01 s	2		376 476		3 K 781	1.2 K	4	0	0	-	3	0	0
12-apache_progress.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf		5.37 MB	5 0.46 s 0.02 s	2		376 477		3 K 781	1.2 K	4	0	0	-	4	0	0
12-apache_progress.c 12-apache_progress.c	Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf		3.08 MB 1.02 MB	5 0.45 s 0.02 s 5 0.35 s 0.01 s	2		376 477 376 476		3 K 781 3 K 781	1.2 K 1.2 K	4	0	0	-	$\frac{4}{3}$	0	0
12-apache_progress.c	Default-LBE-SNME.epf		2.69 MB	4 0.24 s 0.01 s	$\frac{2}{2}$		376 476		3 K 716	1.2 K 1.1 K	3	0	0	_	4	0	0
12-apache_progress.c	Default-LBE-Single.epf		8.05 MB	4 0.23 s 0.01 s	2		376 476		3 K 718	1.1 K	3	0	0	_	4	0	0
12-apache_progress.c	None+SBE+SimplifyAssumesSBE.epf		7.30 MB	5  0.34  s  0.01  s	2		376 477		3 K 845	$1.3~\mathrm{K}$	4	0	0	-	3	0	0
12-apache_progress.c	None+SBE.epf	0.71 s 3404.50 MB 178.	$8.52~\mathrm{MB}$	5  0.35  s  0.01  s	2	3	376 477	845 1.3	3 K 845	$1.3~\mathrm{K}$	4	0	0	-	3	0	0
12-apache_progress.c	None.epf		$5.67~\mathrm{MB}$	5   0.36  s   0.01  s	2		376   476		3 K 845	$1.3~\mathrm{K}$	4	0	0	-	3	0	0
13-windows_os_frag1.c	Default-LBE-Multi+NondetBuchi.epf		8.94 MB	3 24.11 s 0.00 s	2		151 189		523 283	450	1	0	1	-	3	0	7
13-windows_os_frag1.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf		5.29 MB	3 2.11 s 0.00 s	2		151 193		535 283	458	1	1	0	-	3	6	0
13-windows_os_frag1.c 13-windows_os_frag1.c	Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf		7.29 MB 2.71 MB	3 3.58 s 0.00 s 3 19.38 s 0.00 s	2		151 193 151 189		535 283 523 283	$458 \\ 450$	1	1	0	-	ა ე	6	0
13-windows_os_frag1.c 13-windows_os_frag1.c	Default-LBE-SNME.epf		2.71 MB 2.75 MB	3 20.71 s 0.00 s	2		151 189 151 189		523 258 523 258	425	1	1	0	-	ა ვ	6	0
13-windows_os_frag1.c	Default-LBE-Single.epf		9.49 MB	3 26.47 s 0.00 s	2		151 189		523 258	425	1	1	0	_	3	6	0
13-windows_os_frag1.c	None+SBE+SimplifyAssumesSBE.epf		0.55 MB	4 2.00 s 0.00 s	2		151 193		535 319	535	2	1	0	-	$\overset{\circ}{2}$	6	0
13-windows_os_frag1.c	None+SBE.epf		2.41 MB	4 - 2.14  s - 0.00  s	2		151 193		535 319	535	2	1	0	-	2	6	0
$13$ -windows_os_frag $1.c$	None.epf		$6.27~\mathrm{MB}$	4  24.05  s  0.00  s	2		151 189		523 319	523	2	1	0	-	2	6	0
14-windows_os_frag2.c	Default-LBE-Multi+NondetBuchi.epf		9.46 MB	2  0.02  s  0.00  s	2		87 116		397 118	353	1	0	0	-	3	0	0
14-windows_os_frag2.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf		6.18 MB	2 0.02 s 0.00 s	2	4	87 117		401 118	357	1	0	0	-	3	0	0
14-windows_os_frag2.c 14-windows_os_frag2.c	Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf		9.64 MB 9.64 MB	$\begin{array}{cccc} 2 & 0.02 \text{ s} & 0.00 \text{ s} \\ 2 & 0.02 \text{ s} & 0.00 \text{ s} \end{array}$	2	4	87 117 87 116		401 118 397 118	$357 \\ 353$	1	0	0	-	3	0	0
14-windows_os_frag2.c 14-windows_os_frag2.c	Default-LBE-SNME.epf		9.64 MB	2 0.02 s 0.00 s 2 0.02 s 0.00 s	2	4	87 116		397 118 397 152	357	1	0	0	-	3 3	0	0
14-windows_os_frag2.c	Default-LBE-Single.epf		9.64 MB	2 0.02 s 0.00 s	2	4	87 116		397 152	357	1	0	0	_	3	0	0
14-windows_os_frag2.c	None+SBE+SimplifyAssumesSBE.epf	0.11 s 3386.00 MB 19.	9.64 MB	3 0.03 s 0.00 s	2	4	87 117		401 167	401	2	0	0	-	2	0	0
14-windows_os_frag2.c	None+SBE.epf		9.64 MB	3 - 0.04  s - 0.00  s	2	4	87 117	167	401 167	401	2	0	0	-	2	0	0
14-windows_os_frag2.c	None.epf		9.64 MB	3  0.03  s  0.00  s	2	4	87 116		397 167	397	2	0	0	-	2	0	0
16-windows_os_frag3.c	Default-LBE-Multi+NondetBuchi.epf		9.64 MB	3  0.02  s  0.00  s	2	4	26 40		120 49	112	2	0	0	-	3	0	0
16-windows_os_frag3.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf		9.64 MB	3 0.02 s 0.00 s	2	4	26 40		120 49	112	2	0	0	-	3	0	0
16-windows_os_frag3.c 16-windows_os_frag3.c	Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf		9.64 MB 9.64 MB	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2	4	26 40 26 40		120 49 120 49	$\frac{112}{112}$	2	0	0	-	ა ვ	0	0
16-windows_os_frag3.c	Default-LBE-SNME.epf		9.64 MB	3 0.02 s 0.00 s 3 0.02 s 0.00 s	2	4	26 40		120 49 120 56	113	2	0	0	-	3	0	0
16-windows_os_frag3.c	Default-LBE-Single.epf		9.64 MB	3 0.02 s 0.00 s	2	4	26 40		120 56	113	2	0	0	_	3	0	0
16-windows_os_frag3.c	None+SBE+SimplifyAssumesSBE.epf		9.64 MB	3 - 0.02  s - 0.00  s	2	4	26 40		120 57	120	2	0	0	-	3	0	0
16-windows_os_frag3.c	None+SBE.epf		9.64 MB	3 - 0.02  s - 0.00  s	2		26 40	57	120 57	120	2	0	0	-	3	0	0
$16$ -windows_os_frag $3.c$	None.epf		9.64 MB	3 - 0.02  s - 0.00  s	2		26 40		120 57	120	2	0	0	-	3	0	0
17-windows_os_frag4_prop1.c	Default-LBE-Multi+NondetBuchi.epf		1.04 MB	7 1.84 s 0.54 s	2		285 380		1 K 588	919	1	0	5	-	3	0	7
17-windows_os_frag4_prop1.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf		2.10 MB	5 0.80 s 0.03 s 5 0.90 s 0.03 s	2		285 381		1 K 588	922	1	3	0	-	3	5	0
17-windows_os_frag4_prop1.c 17-windows_os_frag4_prop1.c	Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf		6.73 MB 5.37 MB	5 0.90 s 0.03 s 5 0.88 s 0.03 s	2		285 381 285 380		1 K 588 1 K 588	922 919	1 1	ა ვ	0	-	3 9	о 5	U U
17-windows_os_frag4_prop1.c 17-windows_os_frag4_prop1.c	Default-LBE-SNME.epf		5.04 MB	5 0.88 s 0.03 s 5 0.92 s 0.03 s	2		285 380		1 K 503	834	1	3	0	-	5 5	5 5	n n
17-windows_os_frag4_prop1.c	Default-LBE-Sivine.epf Default-LBE-Single.epf		4.08 MB	5 0.79 s 0.03 s	$\frac{2}{2}$		285 380		1 K 503	834	1	3	0	-	3	5	0
17-windows_os_frag4_prop1.c	None+SBE+SimplifyAssumesSBE.epf		7.54 MB	5 0.82 s 0.03 s	2		285 381		1 K 660	1.1 K	1	3	0	-	3	5	0
17-windows_os_frag4_prop1.c	None+SBE.epf	1.23 s 3412.00 MB 432.	2.53 MB	6   1.06   s   0.04   s	2	3 2	285 381	660 1.	1 K 660	1.1 K	2	3	0	-	3	5	0
17-windows_os_frag4_prop1.c	None.epf		5.53 MB	5 0.85 s 0.03 s	2		285 380		1 K 660	1.1 K	1	3	0	-	3	5	0
19-windows_os_frag5.c	Default-LBE-Multi+NondetBuchi.epf			18 21.07 s 0.14 s	2		434 528		5 K 639	955	1	0	16	-	3	0	8
19-windows_os_frag5.c 19-windows_os_frag5.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf			18 22.06 s 0.15 s 18 21.66 s 0.15 s	2		434 531		5 K 639	961 961	1	16 16	0	-	3 9	6 e	U
19-windows_os_frag5.c 19-windows_os_frag5.c	Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf			18 21.66 s 0.15 s 18 21.66 s 0.15 s	2		434 531 434 528		5 K 639 5 K 639	961 955	1 1	16 16	0	<del>-</del>	ა ვ	0 6	U U
19-windows_os_frag5.c 19-windows_os_frag5.c	Default-LBE-SNME.epf			18 21.40 s 0.17 s	2		434 528		5 K 039 5 K 408	725	1	16	0	-	3	6	0
19-windows_os_frag5.c	Default-LBE-Single.epf			18 21.45 s 0.13 s	2		434 528		5 K 442	758	1	16	0	-	3	6	0
	-																

	19-windows_os_frag5.c 19-windows_os_frag5.c 19-windows_os_frag5.c 22-windows_os_frag7.c	None+SBE+SimplifyAssumesSBE.epf None.epf None.epf Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf Default-LBE-SNME.epf Default-LBE-Single.epf None+SBE+SimplifyAssumesSBE.epf None+SBE+SimplifyAssumesSBE.epf None-SBE.epf	21.68 s 359 0.72 s 322 1.20 s 322 1.33 s 322 1.08 s 321 1.06 s 322 1.04 s 321 1.19 s 323 1.22 s 323	53.50 MB 92.00 MB 26.50 MB 25.00 MB 26.50 MB 12.50 MB 29.50 MB	69.80 MB 44.31 MB 218.77 MB 300.49 MB 16.02 MB 52.38 MB 416.05 MB 412.57 MB 417.52 MB 14.43 MB 11.88 MB 430.69 MB	18     21.67       18     21.45       18     21.46       15     0.65       17     1.14       17     1.27       15     1.02       14     1.00       14     0.98       16     1.12       15     1.04	s 0.15 s s 0.21 s s 0.05 s s 0.05 s s 0.07 s s 0.05 s s 0.04 s s 0.04 s s 0.05 s	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		434 5 38 38 38 38 38 38 38 38 38 38 38 38	531     880       531     880       528     880       55     75       56     75       55     75       55     75       55     75       56     75       56     75       56     75       55     75       56     75       55     75       56     75       57     75       56     75       55     75	1.5 K 1.5 K 1.5 K 136 139 139 136 136 136 139 139	880	1.5 K 1.5 K 70 75 75 70 90 90 139 139 136	1 1 3 3 3 3 2 2 2 3 2 3	16 16 16 0 13 13 11 11 11 11 12 12	0 - 0 - 11 - 0 - 0 - 10 - 10 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	3 3 3 3 3 3 4 4 4 3 3 3	6 6 0 5 5 5 5 5 5 5	0 0 7 0 0 0 0 0 0 0
Timeout	11-apache_accept_liveness.c 18-windows_os_frag4_prop2.c 18-windows_os_frag4_prop2.c 18-windows_os_frag4_prop2.c 18-windows_os_frag4_prop2.c 18-windows_os_frag4_prop2.c 18-windows_os_frag4_prop2.c 18-windows_os_frag4_prop2.c 18-windows_os_frag4_prop2.c 20-windows_os_frag6.c 23-windows_os_frag8.c	Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi.epf Default-LBE-Multi.epf Default-LBE-Single.epf None+SBE+SimplifyAssumesSBE.epf None.epf Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf Default-LBE-Multi.epf Default-LBE-Single.epf None+SBE+SimplifyAssumesSBE.epf None+SBE+SimplifyAssumesSBE.epf None.epf Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi-EBE-Epf Default-LBE-Multi-Epf Default-LBE-Multi-Epf Default-LBE-Single.epf None+SBE.epf None+SBE.epf None-SBE.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE-Epf Default-LBE-Multi+SBE-Epf Default-LBE-Multi+SBE-Epf Default-LBE-Multi-SBE-Epf Default-LBE-Multi-SBE-Epf Default-LBE-Multi-SBE-Epf Default-LBE-Multi-SBE-Epf Default-LBE-Single.epf None+SBE-Epf None+SBE-Epf None+SBE-Epf None+SBE-Epf None+SBE-Epf None-SBE-Epf None-Epf	30.00 s 364 30.16 s 364 33.18 s 364 39.91 s 364 33.56 s 364 30.02 s 364 30.03 s 364 30.89 s 364 30.23 s 364 35.87 s 364 35.87 s 364 35.87 s 364 30.00 s 369 30.95 s 369 32.14 s 320 30.09 s 339 31.10 s 341 30.38 s 322 30.08 s 332 30.12 s 343 30.07 s 338 34.66 s 362 30.00 s 374 30.22 s 378 30.23 s 382 30.00 s 355 30.01 s 364 29.99 s 368	41.00 MB 93.00 MB 98.00 MB 18.50 MB 22.50 MB 27.50 MB 30.00 MB 48.50 MB 84.00 MB 25.00 MB 48.50 MB 84.00 MB 48.50 MB 852.50 MB 86.00 MB 86.00 MB 86.00 MB 86.00 MB 86.00 MB	3074.36 MB 3023.38 MB 3074.03 MB 3107.73 MB 3165.76 MB 3148.21 MB 3037.29 MB 3119.12 MB 3152.22 MB 3142.30 MB 3088.94 MB 3102.52 MB 3176.16 MB 3185.13 MB 3197.64 MB 1081.97 MB 1582.15 MB 1681.14 MB 1613.00 MB 1552.28 MB 1491.28 MB 1499.66 MB 1554.25 MB	12 30.06 12 30.01 7 34.57 29 29.88	s 0.00 s s 24.62 s s 25.57 s s 24.19 s s 25.53 s s 24.67 s s 24.10 s s 24.70 s s 24.70 s s 20.83 s s 0.00 s s 0.00 s s 0.00 s s 0.00 s	2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 2	3 3 3 3 3 3 1 1 1 1 1 1	376 4 376 4 376 4 376 376 4 376 376 4 376 376 4 376 376 271 3 271 3 271 271 271 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	476         845           477         845           476         845           476         845           477         845           477         845           476         845           477         845           476         845           367         336           368         336           367         336           367         336           368         336           367         336           368         336           367         356           55         75           56         75           55         75           55         75           56         75           55         75           123         176           124         176           123         176           124         176           124         176           124         176           124         176           124         176           124         176           124         176           124         1	1.3 K 1.3 S 1.3 S 1.7 S 1.	806 806 806 770 845 845	1.3 K 1.3 K 1.3 K 1.3 K 1.2 K 1.3 K 1.3 K 1.3 K 1.3 K 1.3 K 1.4 S 1.69 S 1.69 S 1.69 S 1.69 S 1.69 S 1.69 S 1.69 S 1.70 S 1	13 7 7 6 6 6 6 6 6 6 6 2 2 3 3 2		Decomposition not yet finished		- - - - - - 0 8 8 8 8 8 8 8 8 8 9 5 5	
Error	11-apache_accept_liveness.c	Default-LBE-SNME.epf			3092.29 MB	0 0.00		2	3		476 845			1.2 K	-	-		-	-	_
	coolant_basis_1_neg.c coolant_basis_1_unsafe_sfty.c coolant_basis_2_neg.c coolant_basis_2_neg.c coolant_basis_2_neg.c coolant_basis_2_neg.c coolant_basis_2_neg.c coolant_basis_2_neg.c coolant_basis_2_neg.c coolant_basis_2_neg.c coolant_basis_2_neg.c coolant_basis_3_unsafe_sftyliveness.c coolant_basis_4_1_unsafe_sftyliveness.c coolant_basis_4_1_unsafe_sftyliveness.c coolant_basis_4_1_unsafe_sftyliveness.c coolant_basis_4_1_unsafe_sftyliveness.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-SNME.epf Default-LBE-SNME.epf Default-LBE-Single.epf None+SBE.epf None+SBE.epf None.epf Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-SNME.epf Default-LBE-Single.epf None+SBE.epf None+SBE.epf None.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-Single.epf None+SBE.epf None+SBE.epf None+SBE.epf Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi-SBE.epf None+SBE.epf None-SBE.epf None-SBE.epf None-SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-Single.epf None+SBE.epf	0.54 s 92 0.48 s 91 0.56 s 92 3.50 s 105 2.59 s 118 2.44 s 120 2.38 s 126 2.30 s 131 0.43 s 130 0.48 s 131 0.48 s 130 2.61 s 138 2.41 s 145 2.43 s 151 2.33 s 154 0.27 s 153 0.31 s 153 0.24 s 148 0.25 s 152 1.98 s 151 1.82 s 156 2.00 s 156 2.21 s 156 0.29 s 162 0.34 s 161 0.28 s 162 0.29 s 161 0.29 s 162 0.29 s 163 0.29 s 163 0.29 s 164 0.29 s 165	18.50 MB 06.00 MB 17.00 MB 06.00 MB 15.00 MB 06.00 MB 82.00 MB 51.00 MB 15.50 MB 42.50 MB 36.50 MB 39.00 MB 81.00 MB 22.00 MB 14.00 MB 63.00 MB 66.50 MB 66.50 MB 67.50 MB 67.50 MB 17.50 MB	138.29 MB 131.87 MB 134.20 MB 137.02 MB 476.38 MB 243.87 MB 886.92 MB 661.19 MB 751.91 MB 142.95 MB 150.35 MB 138.67 MB 155.61 MB 761.74 MB 940.10 MB 646.31 MB 724.80 MB 500.43 MB 91.04 MB 93.66 MB 92.52 MB 94.83 MB 531.35 MB 215.42 MB 475.45 MB 679.56 MB 646.94 MB 95.56 MB 96.60 MB 95.56 MB 96.60 MB 119.45 MB	4 0.42 3 0.39 4 0.36 4 0.41 3 3.40 3 2.51 3 2.36 3 2.22 4 0.31 4 0.35 4 0.36 4 0.33 3 2.26 3 2.26 3 2.26 3 2.33 3 2.36 3 2.26 2 0.18 2 0.20 2 0.17 2 0.16 2 1.91 2 1.75 2 1.93 2 2.12 2 0.19 2 0.19 2 0.22 2 0.19 2 0.19 3 0.22 3 0.21 4 0.21 4 0.22 3 0.33 4 0.41 4 0.30	s 0.01 s s 0.01 s s 0.01 s s 0.01 s s 0.00 s s 0.01 s s 0.00 s	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4	72 72 72 72 72 72 72 73 73 73 73 73 73 73 73 73 73 73 73 73	94 148 95 148 95 148 94 148 94 148 95 148 95 148 95 150 96 150 96 150 95 150 96 150 95 150 96 150 97 150 98 150 99 150 99 150 90 150 91 150 92 150 93 150 94 146 95 146 95 146 95 146 96 150 97 146 98 146 99 186 99 195 89 195 89 195 89 195	248 248 245 245 248 248 248 248 245 248 248 251 251 248 248 251 251 248 304 308 308 304 304 304 308 308 304 421 427 427 421 421 421 421 427 427 421 421 421 421 427 427 421 421 421 427 427 421 421 421 427 427 421 421 421 427 427 421 421 421 421 427 427 421 421 421 421 427 427 421 421 421 421 427 427 421 421 421 421 427 427 421 439 445	39 40 40 39 114 114 148 148 148 39 40 40 39 114 114 150 150 150 150 150 150 150 150 150 150	76 79 79 79 76 187 187 248 248 245 74 77 77 74 185 185 251 251 251 252 254 254 250 253 253 308 308 308 304 273 280 280 273 344 344 427 427 421 286 293 293	2 1 2 2 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Nonterminating	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 4 4 4 6 6 6 7 7 6 0 4 4 4 4 6 6 6 6 6 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

coolant_basis_4_1_unsafe_sftyliveness.c	None.epf	0.48 s 1625.50 MB	169.06 MB	6 0.39 s 0.01 s	1 8	67	88 19	.95 439	195 439	5	0	0	Nonterminating	3	0 0	١
coolant_basis_4_2_unsafe_sftyliveness.c	Default-LBE-Multi+NondetBuchi.epf	4.48 s 1647.00 MB	1148.97 MB	5 4.34 s 0.05 s	4 8	69		209 483	112 342	4	0	0	Nonterminating	4	0 0	1
coolant_basis_4_2_unsafe_sftyliveness.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	3.09 s 1657.00 MB	1148.92 MB	6 2.92 s 0.02 s	4 8	69		209 489	113 349	5	0	0	Nonterminating	3	0 0	,
coolant_basis_4_2_unsafe_sftyliveness.c	Default-LBE-Multi+SBE.epf	3.07 s 1724.50 MB	1183.02 MB	5 2.96 s 0.01 s	4 8	69		209 489	113 349	4	0	0	Nonterminating	3	0 0	j
coolant_basis_4_2_unsafe_sftyliveness.c	Default-LBE-Multi.epf	2.92  s $1729.50  MB$	$1026.22~\mathrm{MB}$	5   2.81  s   0.04  s	4 8	69	93 20	209 483	112   342	4	0	0	Nonterminating	4	0 0	j
$coolant\_basis\_4\_2\_unsafe\_sftyliveness.c$	Default-LBE-SNME.epf	3.01  s $1734.00  MB$	$1173.98~\mathrm{MB}$	5 2.91 s 0.02 s	4 8	69	93 20	209 483	178   403	4	0	0	Nonterminating	3	0 0	į
$coolant\_basis\_4\_2\_unsafe\_sftyliveness.c$	Default-LBE-Single.epf	3.11 s 1731.50 MB	735.92  MB	5   2.93 s   0.02 s	4 8	69		209 483	178   403	4	0	0	Nonterminating	3	0 0	Į.
$coolant\_basis\_4\_2\_unsafe\_sftyliveness.c$	None+SBE+SimplifyAssumesSBE.epf	3.28  s $1729.50  MB$	$1058.45~\mathrm{MB}$	6   3.18   s   0.02   s	4 8	69		209 489	209   489	5	0	0	Nonterminating	3	0 0	j.
coolant_basis_4_2_unsafe_sftyliveness.c	None+SBE.epf	3.40 s 1728.50 MB	168.56  MB	6   3.32   s   0.02   s	4 8	69		209 489	209 489	5	0	0	Nonterminating	3	0 0	,
coolant_basis_4_2_unsafe_sftyliveness.c	None.epf	2.69 s 1728.00 MB	641.26 MB	5 2.60 s 0.02 s	4 8	69		209 483	209 483	4	0	0	Nonterminating	3	0 0	
coolant_basis_4_neg.c	Default-LBE-Multi+NondetBuchi.epf	0.30 s 1726.50 MB 0.28 s 1680.50 MB	99.44 MB	2 0.21 s 0.00 s 2 0.14 s 0.00 s	3 6	66		93 421	136 331 137 349	1	0	0	Nonterminating	3	0 0	١
coolant_basis_4_neg.c coolant_basis_4_neg.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf	0.28 s 1680.50 MB 0.26 s 1715.00 MB	73.39 MB 74.76 MB	2 0.115 0.005	3 0	66 66		93 427 93 427	137 349 137 337	1	0	0	Nonterminating Nonterminating	ა ე	0 0	١
coolant_basis_4_neg.c coolant_basis_4_neg.c	Default-LBE-Multi.epf	0.20 s 1715.00 MB 0.27 s 1680.50 MB	97.85 MB	2 0.18 s 0.00 s 2 0.19 s 0.00 s	3 6	66		.93 421	136 331	1	0	0	Nonterminating	ა ვ	0 0	1
coolant_basis_4_neg.c	Default-LBE-SNME.epf	0.41 s 1704.00 MB	99.67 MB	2 0.19 s 0.00 s 2 0.26 s 0.00 s	3 6	66		.93 421	157 335	1	0	0	Nonterminating	3	0 0	1
coolant_basis_4_neg.c	Default-LBE-Single.epf	0.27 s 1680.50 MB	97.85 MB	2 0.19 s 0.00 s	3 6	66		.93 421	157 335	1	0	0	Nonterminating	3	0 0	j
coolant_basis_4_neg.c	None+SBE+SimplifyAssumesSBE.epf	0.27 s 1697.50 MB	74.76 MB	2 0.17 s 0.00 s	3 6	66		.93 427	193 447	1	0	0	Nonterminating	3	0 0	j
coolant_basis_4_neg.c	None+SBE.epf	0.29 s 1680.50 MB	73.39 MB	2  0.19  s  0.00  s	3 6	66		.93 427	193 427	1	0	0	Nonterminating	3	0 0	j
coolant_basis_4_neg.c	None.epf	0.32  s $1693.50  MB$	$99.67~\mathrm{MB}$	2 - 0.24  s - 0.00  s	3 6	66	87 19	.93 421	193   421	1	0	0	Nonterminating	3	0 0	)
coolant_basis_5_neg.c	Default-LBE-Multi+NondetBuchi.epf	0.19  s $1731.00  MB$	$76.80~\mathrm{MB}$	1 - 0.10  s - 0.00  s	4 8	66	87 2	252 576	117   190	-	-	-	Nonterminating	-		
coolant_basis_5_neg.c	Default-LBE-Multi+SBE+Simplify Assumes SBE.epf	0.27  s $1732.50  MB$	50.71  MB	1  0.14  s  0.00  s	4 8	66		252 584	118   196	-	-	-	Nonterminating	-		
coolant_basis_5_neg.c	Default-LBE-Multi+SBE.epf	0.23  s $1736.00  MB$	$51.46~\mathrm{MB}$	1  0.12  s  0.00  s	4 8	66		252 584	118   196	-	-	-	Nonterminating	-		
coolant_basis_5_neg.c	Default-LBE-Multi.epf	0.21 s 1699.00 MB	$51.03~\mathrm{MB}$	1   0.11   s   0.00   s	4 8	66		252   576	117   190	-	-	-	Nonterminating	-		
coolant_basis_5_neg.c	Default-LBE-SNME.epf	0.20 s 1727.00 MB	77.32 MB	2   0.12   s   0.00   s	4 8	66		252 576	154 257	1	0	0	Nonterminating	3	0 0	
coolant_basis_5_neg.c	Default-LBE-Single.epf	0.20 s 1699.00 MB	76.54 MB	2 0.12 s 0.00 s	4 8	66		252 576	154 257	1	0	0	Nonterminating	3	0 0	
coolant_basis_5_neg.c	None+SBE+SimplifyAssumesSBE.epf	0.22 s 1718.50 MB	77.32 MB	2 0.14 s 0.00 s	4 8	66		252 584	252 584	1	0	0	Nonterminating	3	0 0	`
coolant_basis_5_neg.c coolant_basis_5_neg.c	None+SBE.epf None.epf	0.22 s 1699.00 MB 0.21 s 1713.50 MB	76.54 MB 77.32 MB	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 8	66 66		252 584 252 576	252 584 252 576	2	0	0	Nonterminating Nonterminating	2	0 0	١
coolant_basis_5_meg.c coolant_basis_5_unsafe_sftyliveness.c	None.epi Default-LBE-Multi+NondetBuchi.epf	0.21 s 1713.50 MB 1.74 s 1711.00 MB	70.83 MB	3 1.61 s 0.00 s	7 26	66		28 1.8 K	362 1.5 K	2	0	0	Nonterminating	2 3	0 0	1
coolant_basis_5_unsafe_sftyliveness.c	Default-LBE-Multi+NonderBuchi.epi Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	1.59 s 1737.00 MB	1176.40 MB	3 1.41 s 0.01 s	7 26	66		28 1.8 K	362 1.5 K	2	0	0	Nonterminating	3	0 0	ı
coolant_basis_5_unsafe_sftyliveness.c	Default-LBE-Multi+SBE.epf	1.78 s 1735.00 MB	76.86 MB	3 1.63 s 0.01 s	7 26	66		28 1.8 K	362 1.5 K	$\frac{2}{2}$	0	0	Nonterminating	3	0 0	j
coolant_basis_5_unsafe_sftyliveness.c	Default-LBE-Multi.epf	1.78 s 1737.50 MB	119.17 MB	3 1.64 s 0.01 s	7 26	66		28 1.8 K	362 1.5 K	$\frac{1}{2}$	0	0	Nonterminating	3	0 0	j
coolant_basis_5_unsafe_sftyliveness.c	Default-LBE-SNME.epf	1.89 s 1732.00 MB	199.33 MB	3 1.76 s 0.01 s	7 26	66		28 1.8 K	372 1.5 K	$\overline{2}$	0	0	Nonterminating	3	0 0	j
coolant_basis_5_unsafe_sftyliveness.c	Default-LBE-Single.epf	1.74 s 1728.50 MB	118.35 MB	3 1.61 s 0.01 s	7 26	66		28 1.8 K	372 1.5 K	2	0	0	Nonterminating	3	0 0	j
coolant_basis_5_unsafe_sftyliveness.c	None+SBE+SimplifyAssumesSBE.epf	1.74  s $1726.00  MB$	$49.24~\mathrm{MB}$	3 - 1.58  s - 0.01  s	7 26	66	88 43	28 1.8 K	$428$ $1.8~\mathrm{K}$	2	0	0	Nonterminating	3	0 0	j
$coolant\_basis\_5\_unsafe\_sftyliveness.c$	None+SBE.epf	1.70  s $1720.50  MB$	$1216.66~\mathrm{MB}$	4   1.57 s   0.01 s	7 26	66	88 43	28 1.8 K	$428$ $1.8~\mathrm{K}$	3	0	0	Nonterminating	2	0 0	j
$coolant\_basis\_5\_unsafe\_sftyliveness.c$	None.epf	1.86  s $1730.00  MB$	$192.36~\mathrm{MB}$	4   1.73   s   0.01   s	7 26	66		28 1.8 K	$428$ $1.8~\mathrm{K}$	3	0	0	Nonterminating	2	0 0	į
$coolant\_basis\_6\_unsafe\_sftyliveness.c$	Default-LBE-Multi+NondetBuchi.epf	3.89  s $1720.50  MB$	$723.44~\mathrm{MB}$	14  3.81  s  0.02  s	2 3	64		.31 216	68   129	13	0	0	Nonterminating	6	0 0	Į.
$coolant\_basis\_6\_unsafe\_sftyliveness.c$	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	3.41 s 1701.50 MB	447.75 MB	8   3.30   s   0.01   s	2 3	64		31 219	68 140	7	0	0	Nonterminating	6	0 0	
coolant_basis_6_unsafe_sftyliveness.c	Default-LBE-Multi+SBE.epf	3.81 s 1695.50 MB	566.05 MB	16  3.74  s  0.03  s	2 3	64		.31 219	68 133	15	0	0	Nonterminating	6	0 0	
coolant_basis_6_unsafe_sftyliveness.c	Default-LBE-Multi.epf	4.41 s 1687.50 MB	262.21 MB	12   4.34   s   0.02   s	2 3	64		31 216	68 129	11	0	0	Nonterminating	6	0 0	
coolant_basis_6_unsafe_sftyliveness.c	Default-LBE-SNME.epf	3.07 s 1685.50 MB	258.80 MB	6 3.00 s 0.01 s	2 3	64		31 216	101 165	5	0	0	Nonterminating	6	0 0	`
coolant_basis_6_unsafe_sftyliveness.c coolant_basis_6_unsafe_sftyliveness.c	Default-LBE-Single.epf None+SBE+SimplifyAssumesSBE.epf	3.05 s 1687.00 MB 5.91 s 1684.00 MB	304.99 MB 625.05 MB	6 2.99 s 0.01 s 6 5.83 s 0.01 s	2 3	$\frac{64}{64}$		31 216 31 219	101 165 131 238	5 5	0	0	Nonterminating Nonterminating	0 5	0 0	١
v			867.79 MB		2 3	64		.31 219	131 238 131 219	3 1	0	0	Nonterminating	5 6	0 0	١
						04	00 1	.01 219	101 210	-1	U	U		U		
coolant_basis_6_unsafe_sftyliveness.c	None+SBE.epf None.epf	6.06 s 1676.50 MB 3.62 s 1676.00 MB		5 5.99 s 0.01 s 6 3.55 s 0.01 s	2 3	64	85 13	31 216		5	0	0	0	6	0 0	,
$coolant\_basis\_6\_unsafe\_sftyliveness.c$	None.epf	3.62 s 1676.00 MB	966.06 MB	6  3.55  s  0.01  s	2 3	64		31 216	131 216	5	0	0	Nonterminating	6	0 0	, ! —
coolant_basis_6_unsafe_sftyliveness.c coolant_basis_1_safe_sfty.c	None.epf  Default-LBE-Multi+NondetBuchi.epf	3.62 s 1676.00 MB 0.17 s 1372.00 MB	966.06 MB 21.22 MB	6 3.55 s 0.01 s 3 0.06 s 0.00 s	2 3 3 5 2 5	72	94 2	214 406	131 216 118 270	2	0	0	0	3	$\begin{array}{ccc} 0 & 0 \\ \hline 0 & 0 \\ 0 & 0 \end{array}$	)   
coolant_basis_6_unsafe_sftyliveness.c coolant_basis_1_safe_sfty.c coolant_basis_1_safe_sfty.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	3.62 s 1676.00 MB 0.17 s 1372.00 MB 0.15 s 1306.00 MB	966.06 MB 21.22 MB 31.83 MB	6 3.55 s 0.01 s 3 0.06 s 0.00 s 3 0.05 s 0.00 s	2 3 3 5 3 5 3 5	72 72	94 21 95 21	214 406 214 411	131 216 118 270 119 277	5 2 2 3	0 0 0	0 0 0	0	6 3 3	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	) —
coolant_basis_6_unsafe_sftyliveness.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf	3.62 s 1676.00 MB 0.17 s 1372.00 MB 0.15 s 1306.00 MB 0.20 s 1354.00 MB	966.06 MB 21.22 MB 31.83 MB 31.83 MB	6 3.55 s 0.01 s 3 0.06 s 0.00 s 3 0.05 s 0.00 s 4 0.10 s 0.01 s	2 3 3 5 3 5 3 5 3 5	72 72 72	94 2: 95 2: 95 2:	214 406 214 411 214 411	131     216       118     270       119     277       119     277	5 2 2 3 2	0 0 0 0	0 0 0 0	0	6 3 3 3 3	0 0 0 0 0 0 0 0	)
coolant_basis_6_unsafe_sftyliveness.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf	3.62 s 1676.00 MB 0.17 s 1372.00 MB 0.15 s 1306.00 MB 0.20 s 1354.00 MB 0.14 s 1306.00 MB	966.06 MB 21.22 MB 31.83 MB 31.83 MB 21.22 MB	6 3.55 s 0.01 s 3 0.06 s 0.00 s 3 0.05 s 0.00 s 4 0.10 s 0.01 s 3 0.05 s 0.00 s	2 3 3 5 3 5 3 5 3 5 3 5	72 72 72 72	94 2 95 2 95 2 94 2	214 406 214 411 214 411 214 406	131     216       118     270       119     277       119     277       118     270	5 2 2 3 2 2	0 0 0 0 0	0 0 0 0 0	0	6 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0	) — !
coolant_basis_6_unsafe_sftyliveness.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf Default-LBE-SNME.epf	3.62 s 1676.00 MB 0.17 s 1372.00 MB 0.15 s 1306.00 MB 0.20 s 1354.00 MB 0.14 s 1306.00 MB 0.12 s 1339.50 MB	966.06 MB 21.22 MB 31.83 MB 31.83 MB 21.22 MB 31.83 MB	6 3.55 s 0.01 s  3 0.06 s 0.00 s  3 0.05 s 0.00 s  4 0.10 s 0.01 s  3 0.05 s 0.00 s  3 0.05 s 0.00 s  3 0.05 s 0.00 s	2 3 3 5 3 5 3 5 3 5 3 5 3 5	72 72 72 72 72 72	94 2 95 2 95 2 94 2 94 2	214 406 214 411 214 411 214 406 214 406	131     216       118     270       119     277       119     277       118     270       185     343	5 2 2 3 2 2 2	0 0 0 0 0 0	0 0 0 0 0 0	0	6 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0	)
coolant_basis_6_unsafe_sftyliveness.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf Default-LBE-SNME.epf Default-LBE-Single.epf	3.62 s 1676.00 MB 0.17 s 1372.00 MB 0.15 s 1306.00 MB 0.20 s 1354.00 MB 0.14 s 1306.00 MB	966.06 MB 21.22 MB 31.83 MB 31.83 MB 21.22 MB	6 3.55 s 0.01 s 3 0.06 s 0.00 s 3 0.05 s 0.00 s 4 0.10 s 0.01 s 3 0.05 s 0.00 s	2 3 3 5 3 5 3 5 3 5 3 5 3 5 3 5	72 72 72 72	94 2 95 2 95 2 94 2 94 2 94 2	214 406 214 411 214 411 214 406	131     216       118     270       119     277       119     277       118     270	5 2 2 3 2 2 2 2 2	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0	6 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	) 
coolant_basis_6_unsafe_sftyliveness.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf Default-LBE-SNME.epf	3.62 s 1676.00 MB 0.17 s 1372.00 MB 0.15 s 1306.00 MB 0.20 s 1354.00 MB 0.14 s 1306.00 MB 0.12 s 1339.50 MB 0.12 s 1306.00 MB	966.06 MB 21.22 MB 31.83 MB 31.83 MB 21.22 MB 31.83 MB 21.22 MB	6 3.55 s 0.01 s  3 0.06 s 0.00 s  3 0.05 s 0.00 s  4 0.10 s 0.01 s  3 0.05 s 0.00 s	2 3 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5	72 72 72 72 72 72 72	94 2 95 2 95 2 94 2 94 2 94 2 95 2	214 406 214 411 214 411 214 406 214 406 214 406	131     216       118     270       119     277       119     277       118     270       185     343       185     343	5 2 2 3 2 2 2 2 2 2	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0	6 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	)
coolant_basis_6_unsafe_sftyliveness.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c  coolant_basis_1_safe_sfty.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf Default-LBE-SNME.epf Default-LBE-Single.epf None+SBE+SimplifyAssumesSBE.epf None+SBE.epf None.epf	3.62 s 1676.00 MB 0.17 s 1372.00 MB 0.15 s 1306.00 MB 0.20 s 1354.00 MB 0.14 s 1306.00 MB 0.12 s 1339.50 MB 0.12 s 1306.00 MB 0.17 s 1328.00 MB	966.06 MB 21.22 MB 31.83 MB 31.83 MB 21.22 MB 31.83 MB 21.22 MB 37.59 MB	6 3.55 s 0.01 s  3 0.06 s 0.00 s 3 0.05 s 0.00 s 4 0.10 s 0.01 s 3 0.05 s 0.00 s 3 0.07 s 0.00 s	2 3 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3	72 72 72 72 72 72 72 72	94 2 95 2 95 2 94 2 94 2 94 2 95 2 95 2	214 406 214 411 214 411 214 406 214 406 214 406 214 411	131     216       118     270       119     277       119     277       118     270       185     343       185     343       214     411	5 2 2 3 2 2 2 2 2 2 2	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0	6 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	)
coolant_basis_6_unsafe_sftyliveness.c  coolant_basis_1_safe_sfty.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf Default-LBE-SNME.epf Default-LBE-Single.epf None+SBE+SimplifyAssumesSBE.epf None+SBE.epf None.epf Default-LBE-Multi+NondetBuchi.epf	3.62 s 1676.00 MB 0.17 s 1372.00 MB 0.15 s 1306.00 MB 0.20 s 1354.00 MB 0.14 s 1306.00 MB 0.12 s 1339.50 MB 0.12 s 1306.00 MB 0.17 s 1328.00 MB 0.14 s 1306.00 MB 0.15 s 1320.50 MB 1.97 s 1565.00 MB	966.06 MB  21.22 MB 31.83 MB 31.83 MB 21.22 MB 31.83 MB 21.22 MB 37.59 MB 31.83 MB 31.83 MB 802.38 MB	6 3.55 s 0.01 s  3 0.06 s 0.00 s  3 0.05 s 0.00 s  4 0.10 s 0.01 s  3 0.05 s 0.00 s  3 0.06 s 0.00 s  3 0.06 s 0.00 s  1 1.89 s 0.06 s	2 3 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3	72 72 72 72 72 72 72 72 72 72 72	94 2. 95 2. 95 2. 94 2. 94 2. 94 2. 95 2. 95 2. 94 2. 95 2. 94 2.	214 406 214 411 214 411 214 406 214 406 214 406 214 411 214 411 214 406 46 241	131     216       118     270       119     277       119     277       118     270       185     343       185     343       214     411       214     406       64     119	5 2 2 3 2 2 2 2 2 2 2 2 2	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0	6 3 3 3 3 3 3 3 3 3 3 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	)
coolant_basis_6_unsafe_sftyliveness.c  coolant_basis_1_safe_sfty.c  coolant_basis_2_safe_liveness.c  coolant_basis_2_safe_liveness.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf Default-LBE-SNME.epf Default-LBE-Single.epf None+SBE+SimplifyAssumesSBE.epf None+SBE.epf None.epf Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	3.62 s 1676.00 MB  0.17 s 1372.00 MB  0.15 s 1306.00 MB  0.20 s 1354.00 MB  0.14 s 1306.00 MB  0.12 s 1339.50 MB  0.12 s 1306.00 MB  0.15 s 1328.00 MB  0.15 s 1320.50 MB  1.97 s 1565.00 MB  2.62 s 1561.50 MB	966.06 MB  21.22 MB 31.83 MB 31.83 MB 21.22 MB 31.83 MB 21.22 MB 37.59 MB 31.83 MB 31.83 MB 972.02 MB	6 3.55 s 0.01 s  3 0.06 s 0.00 s  3 0.05 s 0.00 s  4 0.10 s 0.01 s  3 0.05 s 0.00 s  3 0.06 s 0.00 s  3 0.06 s 0.00 s  19 1.89 s 0.06 s  21 2.53 s 0.08 s	2 3 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3	72 72 72 72 72 72 72 72 72 72 72 72	94 2. 95 2. 95 2. 94 2. 94 2. 94 2. 95 2. 95 2. 95 2. 94 2. 95 2. 95 1.	214 406 214 411 214 411 214 406 214 406 214 406 214 411 214 411 214 406 46 241 46 244	131     216       118     270       119     277       119     277       118     270       185     343       214     411       214     411       214     406       64     119       64     123	5 2 2 3 2 2 2 2 2 2 2 2 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	6 3 3 3 3 3 3 3 3 3 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	)
coolant_basis_6_unsafe_sftyliveness.c  coolant_basis_1_safe_sfty.c  coolant_basis_2_safe_liveness.c  coolant_basis_2_safe_liveness.c  coolant_basis_2_safe_liveness.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf Default-LBE-SNME.epf Default-LBE-Single.epf None+SBE+SimplifyAssumesSBE.epf None+SBE.epf None.epf Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	3.62 s 1676.00 MB  0.17 s 1372.00 MB  0.15 s 1306.00 MB  0.20 s 1354.00 MB  0.14 s 1306.00 MB  0.12 s 1339.50 MB  0.12 s 1306.00 MB  0.15 s 1328.00 MB  0.17 s 1328.00 MB  0.18 s 1306.00 MB  0.19 s 1565.00 MB  1.97 s 1565.00 MB  2.62 s 1561.50 MB  2.46 s 1525.50 MB	966.06 MB  21.22 MB 31.83 MB 31.83 MB 21.22 MB 31.83 MB 21.22 MB 37.59 MB 31.83 MB 31.83 MB 31.83 MB 972.02 MB 966.28 MB	6 3.55 s 0.01 s  3 0.06 s 0.00 s  3 0.05 s 0.00 s  4 0.10 s 0.01 s  3 0.05 s 0.00 s  3 0.06 s 0.00 s  3 0.06 s 0.00 s  19 1.89 s 0.06 s  21 2.53 s 0.08 s  21 2.38 s 0.07 s	2 3 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3	72 72 72 72 72 72 72 72 72 72 72 72 72	94 2 95 2 95 2 94 2 94 2 94 2 95 2 95 2 94 2 95 2 94 2 95 1 95 1	214 406 214 411 214 406 214 406 214 406 214 411 214 411 214 411 214 406 46 241 46 244 46 244	131         216           118         270           119         277           119         277           118         270           185         343           214         411           214         411           214         406           64         119           64         123           64         123	5 2 2 3 2 2 2 2 2 2 2 0 0	20	0 0 0 0 0 0 0 0 0 0 18	0	6 3 3 3 3 3 3 3 3 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	)
coolant_basis_6_unsafe_sftyliveness.c  coolant_basis_1_safe_sfty.c  coolant_basis_2_safe_liveness.c  coolant_basis_2_safe_liveness.c  coolant_basis_2_safe_liveness.c  coolant_basis_2_safe_liveness.c	None.epf  Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi.epf Default-LBE-SNME.epf Default-LBE-Single.epf None+SBE+SimplifyAssumesSBE.epf None+SBE.epf None.epf Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf Default-LBE-Multi+SBE-pf Default-LBE-Multi+SBE-pf Default-LBE-Multi-SBE-pf	3.62 s 1676.00 MB  0.17 s 1372.00 MB  0.15 s 1306.00 MB  0.20 s 1354.00 MB  0.14 s 1306.00 MB  0.12 s 1339.50 MB  0.12 s 1306.00 MB  0.15 s 1328.00 MB  0.15 s 1328.00 MB  0.16 s 1320.50 MB  1.97 s 1565.00 MB  2.62 s 1561.50 MB  2.46 s 1525.50 MB  2.34 s 1557.50 MB	966.06 MB  21.22 MB 31.83 MB 31.83 MB 21.22 MB 31.83 MB 21.22 MB 37.59 MB 31.83 MB 31.83 MB 97.59 MB 31.83 MB 31.83 MB 31.83 MB	6 3.55 s 0.01 s  3 0.06 s 0.00 s 3 0.05 s 0.00 s 4 0.10 s 0.01 s 3 0.05 s 0.00 s 3 0.06 s 0.00 s 3 0.06 s 0.00 s 19 1.89 s 0.06 s 21 2.53 s 0.08 s 21 2.38 s 0.07 s 19 2.26 s 0.07 s	2 3 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3	72 72 72 72 72 72 72 72 72 72 72 72 72 7	94 2 95 2 95 2 94 2 94 2 94 2 95 2 95 2 95 2 94 2 95 1 95 1 95 1	214 406 214 411 214 411 214 406 214 406 214 406 214 411 214 411 214 411 214 406 46 241 46 244 46 244	131         216           118         270           119         277           119         277           118         270           185         343           214         411           214         411           214         411           214         406           64         119           64         123           64         119	5 2 2 3 2 2 2 2 2 2 0 0 0		0 0 0 0 0 0 0 0 0 0 0 18 0 0	0	6 3 3 3 3 3 3 3 3 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	)
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Default-LBE-Single.epf None+SBE+SimplifyAssumesSBE.epf None+SBE.epf None+SBE.epf None+SBE.epf None-SBE.epf None-SBE.epf None-SBE.epf Default-LBE-Multi+NondetBuchi.epf Default-LBE-Multi+SBE.epf Default-LBE-Multi-Epf Default-LBE-Single.epf None+SBE.epf None+SBE.epf None+SBE.epf None+SBE.epf None+SBE.epf None+SBE.epf None-SBE-pf None-SBE-pf None-SBE-pf Default-LBE-Multi+SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-Multi-SBE.epf Default-LBE-Single.epf None+SBE.epf None+SBE-pf None+SBE-pf None+SBE-pf None+SBE-pf None+SBE-pf Default-LBE-Single.epf None+SBE-pf Default-LBE-Multi+SBE-pf Default-LBE-Single.epf None+SBE-pf None+SBE-pf None+SBE-pf None+SBE-pf Default-LBE-Multi+SBE-pf Default-LBE-SNME.epf Default-LBE-SNME.epf Default-LBE-SNME.epf Default-LBE-Single.epf None+SBE-pf None+SBE-pf None+SBE-pf None+SBE-pf None+SBE-pf None+SBE-pf None+SBE-pf None+SBE-pf None-pf	3.62 s 1676.00 MB  0.17 s 1372.00 MB  0.15 s 1306.00 MB  0.20 s 1354.00 MB  0.14 s 1306.00 MB  0.12 s 1339.50 MB  0.12 s 1306.00 MB  0.15 s 1328.00 MB  0.16 s 1328.00 MB  0.17 s 1328.00 MB  0.18 s 1306.00 MB  0.19 s 1565.00 MB  0.19 s 1565.00 MB  1.97 s 1565.00 MB  1.91 s 1525.50 MB  1.92 s 1554.00 MB  1.93 s 1525.50 MB  1.93 s 1525.50 MB  1.94 s 1557.50 MB  1.95 s 1525.50 MB  1.96 s 1550.50 MB  1.97 s 1565.00 MB  1.98 s 1525.50 MB  1.99 s 1554.00 MB  1.91 s 1525.50 MB  1.92 s 1554.00 MB  1.95 s 1525.50 MB  1.96 s 1550.50 MB  1.97 s 1565.50 MB  1.98 s 1525.50 MB  1.99 s 1554.00 MB  1.90 s 167.50 MB  0.11 s 1638.50 MB  0.12 s 1650.50 MB  0.11 s 1638.50 MB  0.11 s 1632.00 MB  0.12 s 1680.50 MB  0.24 s 1691.00 MB  0.25 s 1680.50 MB  0.24 s 1680.50 MB  0.25 s 1680.50 MB  0.24 s 1680.50 MB  0.25 s 1680.50 MB  0.26 s 1680.50 MB  0.27 s 1680.50 MB  0.28 s 1680.50 MB  0.29 s 1680.50 MB  0.20 s 1680.50 MB  0.21 s 1680.50 MB  0.22 s 1680.50 MB  0.24 s 1699.00 MB  0.45 s 1711.00 MB  0.40 s 1699.00 MB  0.43 s 1699.00 MB  0.44 s 1699.00 MB  0.45 s 1711.00 MB  0.48 s 1699.00 MB  0.43 s 1711.00 MB  0.43 s 1699.00 MB	966.06 MB  21.22 MB 31.83 MB 21.22 MB 31.83 MB 21.22 MB 37.59 MB 37.59 MB 31.83 MB 802.38 MB 972.02 MB 966.28 MB 972.02 MB 966.28 MB 927.88 MB 725.10 MB 742.71 MB 755.53 MB 752.63 MB 767.95 MB 36.23 MB	6       3.55 s       0.00 s         3       0.06 s       0.00 s         3       0.05 s       0.00 s         4       0.10 s       0.01 s         3       0.05 s       0.00 s         3       0.05 s       0.00 s         3       0.05 s       0.00 s         3       0.06 s       0.00 s         3       0.06 s       0.00 s         3       0.06 s       0.00 s         1       1.89 s       0.06 s         21       2.53 s       0.08 s         21       2.38 s       0.07 s         15       1.86 s       0.06 s         16       1.89 s       0.06 s         15       1.80 s       0.06 s         2	7 26 7 26 7 26 7 26 7 26 7 26 7 26 7 26	72 72 72 72 72 72 72 72 72 72 72 72 72 7	94 2 95 2 95 2 94 2 94 2 94 2 95 2 95 2 95 2 94 2 95 2 94 1 95 1 95 1 94 1 95 1 94 1 95 1 98 1 98 1 98 1 88 1 87 1 88 1 88 1 87 1 88 1 87 1 88 1 88 1 87 1 88 1 87 1 88 1 88 1 88 1 87 1 88 1 88 1 87 1 88 1 88 1 87 1 88 1 88 1 87 1 88 1 88 1 88 1 87 1 88 1 88 1 88 1 88 1 88 1 87 1 88 1 88 1 88 1 88 1 88 1 88 1 88 1 87 1 88 8 8 1 88	214 406 214 411 214 411 214 406 214 406 214 406 214 406 214 411 214 406 246 241 46 241 46 241 46 241 46 241 46 241 46 241 47 241 48 241 49 241 49 241 40 2	131         216           118         270           119         277           119         277           118         270           185         343           185         343           214         411           214         411           214         406           64         119           64         123           64         119           93         144           94         145           146         244           146         244           146         241           75         200           77         207           75         200           142         282           193         427           193         427           193         421           97         282           98         289           97         282           160         352           160         352           192         439           192         439           192         439           192	5 2 2 2 2 2 2 2 2 2 2 0 0 0 0 0 0 0 0 0	20	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	6 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

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Safe

	coolant_basis_6_safe_sftyliveness.c	Default-LBE-Multi+SBE.epf	0.61 s 169	90.50 MB	249.91 MB	19 0	.54 s 0.02	s 9	3	64	86	121	219	68	133	11	0	0		5	0	0
	coolant_basis_6_safe_sftyliveness.c	Default-LBE-Multi.epf		16.00 MB	174.24 MB	0	.43 s 0.02		3 3	64	85	131	219	68	129	0	0	0	_	5 5	0	0
	coolant_basis_6_safe_sftyliveness.c	Default-LBE-SNME.epf		90.50 MB	149.95 MB	10 0	.32 s 0.01		3	64	85	131	216	101	165	6	0	0	_	6	0	0
	coolant_basis_6_safe_sftyliveness.c	Default-LBE-Single.epf		08.00 MB	149.35 MB		.34 s 0.01		3	64	85	131	216	101	165	6	0	0	_	6	0	0
	coolant_basis_6_safe_sftyliveness.c	None+SBE+SimplifyAssumesSBE.epf		07.00 MB	134.14 MB	-	0.01 $0.01$ $0.01$		3	64	86	131	219	131	238	6	0	0	-	5	0	0
	coolant_basis_6_safe_sftyliveness.c	None+SBE.epf		33.50 MB	729.49 MB	-	.42 s 0.01		9	64	96	191	219	131	219	5	0	0	-	6	0	0
	coolant_basis_6_safe_sftyliveness.c	•		10.50 MB	145.75 MB				9	64	95	191	219	131	219	6	0	0	-	6	0	0
	v	None.epf	0.38 s 171	10.50 MB						04	00	191	210	191	210	0	0	<u> </u>				
	$coolant\_basis\_2\_unsafe\_liveness.c$	Default-LBE-Multi+NondetBuchi.epf	30.04  s $154$	49.00  MB	1275.64  MB		.96 s 28.05	-	3	72	94	146	241	83	168	0	0	8 Decomposition not yet fir		0	0	8
	$coolant\_basis\_2\_unsafe\_liveness.c$	Default-LBE-Multi+SBE+Simplify Assumes SBE.epf	30.21  s $154$	42.50  MB	$1186.09~\mathrm{MB}$		.06 s 28.39		3	72	95	146	244	83	172	0	8	0 Decomposition not yet fir	nished	0	6	0
	$coolant\_basis\_2\_unsafe\_liveness.c$	Default-LBE-Multi+SBE.epf	30.11 s 154	45.50  MB	1229.33  MB	8 30	.03 s 28.40	s 2	3	72	95	146	244	83	172	0	8	0 Decomposition not yet fir	nished	0	6	0
	$coolant\_basis\_2\_unsafe\_liveness.c$	Default-LBE-Multi.epf	35.74 s 154	42.00  MB	$1268.15~\mathrm{MB}$	8 35	.65 s 33.96	s 2	3	72	94	146	241	83	168	0	8	0 Decomposition not yet fix	nished	0	6	0
	$coolant\_basis\_2\_unsafe\_liveness.c$	Default-LBE-SNME.epf	34.41 s 170	$00.00~\mathrm{MB}$	$1260.14~\mathrm{MB}$	5 34	.35 s 33.24	s 2	3	72	94	146	241	122	200	0	5	0 Decomposition not yet fir	nished	0	6	0
	$coolant\_basis\_2\_unsafe\_liveness.c$	Default-LBE-Single.epf	35.03  s $169$	98.00 MB	$1207.98~\mathrm{MB}$	5 34	.94 s 33.76	s 2	3	72	94	146	241	122	200	0	5	0 Decomposition not yet fir	nished	0	6	0
	coolant_basis_2_unsafe_liveness.c	None+SBE+SimplifyAssumesSBE.epf	34.98 s 170	$00.00~\mathrm{MB}$	$1259.41~\mathrm{MB}$	5 34	.91 s 33.71	s 2	3	72	95	146	244	146	244	0	5	0 Decomposition not yet fir	nished	0	6	0
	coolant_basis_2_unsafe_liveness.c	None+SBE.epf	33.77 s 169	98.50 MB	$1256.35~\mathrm{MB}$	5 33	.70 s 32.56	s 2	3	72	95	146	244	146	244	0	5	0 Decomposition not yet fir	nished	0	6	0
TT:	coolant_basis_2_unsafe_liveness.c	None.epf	30.28 s 168	88.00 MB	$1260.10~\mathrm{MB}$	5 30	.20 s 29.02	s 2	3	72	94	146	241	146	241	0	5	0 Decomposition not yet fir	nished	0	6	0
Timeout	coolant_basis_4_unsafe_sftyliveness.c	Default-LBE-Multi+NondetBuchi.epf	29.99 s 173	37.50 MB	$323.45~\mathrm{MB}$	0 0	.00 s 0.00	s 4	8	68	90	198	451	101	299	-	-	-	-	-	-	-
	coolant_basis_4_unsafe_sftyliveness.c	Default-LBE-Multi+SBE+SimplifyAssumesSBE.epf	30.00 s 173	39.00 MB	$38.82~\mathrm{MB}$	64 29	.87 s 0.79	s 4	8	68	92	198	463	103	313	63	0	0 Decomposition not yet fir	nished	10	0	0
	coolant_basis_4_unsafe_sftyliveness.c	Default-LBE-Multi+SBE.epf	30.00 s 173	34.00 MB	$1134.57~\mathrm{MB}$	0 0	.00 s 0.00	s 4	8	68	92	198	463	103	313	-	-	-	_	_	_	_
	coolant_basis_4_unsafe_sftyliveness.c	Default-LBE-Multi.epf	30.00 s 173	36.50 MB	$825.30~\mathrm{MB}$	59 29	.84 s 0.75	s 4	8	68	90	198	451	101	299	58	0	0 Decomposition not yet fir	nished	10	0	0
	coolant_basis_4_unsafe_sftyliveness.c	Default-LBE-SNME.epf		26.50 MB	$518.55~\mathrm{MB}$	23 29	.92 s 0.27	s 4	8	68	90	198	451	166	370	22	0	0 Decomposition not yet fir		16	0	0
	coolant_basis_4_unsafe_sftyliveness.c	Default-LBE-Single.epf		31.50 MB	$440.38~\mathrm{MB}$	23 29			8	68	90	198	451	166	370	22	0	0 Decomposition not yet fir		16	0	0
	coolant_basis_4_unsafe_sftyliveness.c	None+SBE+SimplifyAssumesSBE.epf		27.50 MB	$752.38~\mathrm{MB}$	26 29			8	68	92	198	463	198	463	25	0	0 Decomposition not yet fir		16	0	0
	coolant_basis_4_unsafe_sftyliveness.c	None+SBE.epf		29.50 MB	391.09  MB	0 0	0.00 s	s 4	8	68	92	198	463	198	463	-	-	-	_	_	_	_
	coolant_basis_4_unsafe_sftyliveness.c	None.epf			1155.57 MB	24 29	.92 s 0.26		8	68	90	198	451	198	451	23	0	0 Decomposition not yet fi	nished	16	0	0

Table 1: Results for LTLAutomizerC.xml.

Error