

Core-RI - Minimal Depleting Module Extraction (Strong Sigma Entailment) - from Top-Bottom-Star Modules

Sigma	Nr of CNames in TBox	Nr of RNames in TBox	Nr of Axioms in TBox	Nr of Sigma CNames	Nr of Sigma RNames	Nr of Module CNames	Nr of Module RNames	Nr of Module Axioms	Nr of Axioms of Unknown Diff Status	Nr of Query Entailment Calls	CPU Time (s)
sig0	25	34	326	5	5	25	34	326	0	4077	327.46
sig1	25	35	347	5	5	25	35	347	0	5097	441.01
sig2	21	22	242	5	5	21	22	242	0	2600	105.4
sig3	30	37	426	5	5	30	37	426	0	8437	968.33
sig4	32	36	495	5	5	32	36	495	0	10275	1172.99
sig5	25	30	311	5	5	25	30	311	0	5214	373.01
sig6	28	33	385	5	5	28	33	385	0	6445	564.18
sig7	30	35	422	5	5	30	35	422	0	6895	644.48
sig8	29	33	387	5	5	29	33	387	0	7802	680.44
sig9	30	32	432	5	5	30	32	432	0	7441	658.57
sig10	22	29	303	5	5	22	29	303	0	3574	213.61
sig11	29	34	391	5	5	29	34	391	0	6179	579.22
sig12	26	30	316	5	5	26	30	316	0	4748	348.32
sig13	29	35	421	5	5	29	35	421	0	6044	564.83
sig14	27	34	366	5	5	27	34	366	0	7163	666.92
sig15	31	45	554	5	5	31	45	554	0	10484	1564.76
sig16	28	32	360	5	5	28	32	360	0	6233	510.92
sig17	28	35	413	5	5	28	35	413	0	8520	864.52
sig18	23	28	283	5	5	23	28	283	0	3921	250.5
sig19	24	32	316	5	5	24	32	316	0	4320	316.59
Average:	Average:	Average:	Average:	Average:	Average:	Average:	Average:	Average:	Average:	Average:	Average:
	27.1	33.05	374.8			27.1	33.05	374.8	0	6273.45	590.8
Min:	Min:	Min:		Min:	Min:	Min:	Min:	Min:	Min:	Min:	Min:
	21	22	242			21	22	242	0	2600	105.4
Max:	Max:	Max:		Max:	Max:	Max:	Max:	Max:	Max:	Max:	Max:
	32	45	554			32	45	554	0	10484	1564.76