

Mimosa - Minimal Depleting Module Extraction (Strong Sigma Entailment) - from the Full Ontology

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	105	145	763	5	5	22	18	102	0	39006	24147.54
sig1	105	145	763	5	5	17	14	54	0	17383	8190.44
sig2	105	145	763	5	5	18	12	62	0	20067	9030.84
sig3	105	145	763	5	5	23	16	91	0	34284	19246.41
sig4	105	145	763	5	5	28	19	126	0	43541	27662.38
sig5	105	145	763	5	5	22	15	80	0	27455	15395.26
sig6	105	145	763	5	5	18	6	53	0	17238	5565.18
sig7	105	145	763	5	5	20	11	62	0	18799	7952.25
sig8	105	145	763	5	5	20	9	64	0	23832	10481.79
sig9	105	145	763	5	5	22	19	114	0	45121	27577.65
sig10	105	145	763	5	5	27	19	107	0	36506	23806.92
sig11	105	145	763	5	5	25	22	126	0	49389	35319.5
sig12	105	145	763	5	5	30	23	117	0	38357	30000.55
sig13	105	145	763	5	5	20	16	88	0	34488	18192.21
sig14	105	145	763	5	5	21	14	78	0	25797	12760.43
sig15	105	145	763	5	5	27	18	107	0	37276	24363.21
sig16	105	145	763	5	5	18	14	69	0	24223	12678.38
sig17	105	145	763	5	5	24	19	91	0	30655	18656.91
sig18	105	145	763	5	5	20	19	87	0	33334	20263.47
sig19	105	145	763	5	5	25	20	126	0	50215	29341.34
Average:	Average:	Average:	Average:	Average:	Average:	Average:	Average:	Average:	Average:	Average:	Average:
105	145	763		22.35	16.15	90.2		0		32348.3	19031.63
Min:	Min:	Min:		Min:	Min:	Min:	Min:	Min:	Min:	Min:	Min:
105	145	763		17	6	53		0		17238	5565.18
Max:	Max:	Max:		Max:	Max:	Max:	Max:	Max:	Max:	Max:	Max:
105	145	763		30	23	126		0		50215	35319.5