

**IMDB - Minimal Depleting Module Extraction with Strong Inseparability from the Full Ontology**

<b>Sigma</b>	<b>Nr of CNames in TBox</b>	<b>Nr of RNames in TBox</b>	<b>Nr of Axioms in TBox</b>	<b>Nr of Sigma CNames</b>	<b>Nr of Sigma RNames</b>	<b>Nr of Module CNames</b>	<b>Nr of Module RNames</b>	<b>Nr of Module Axioms</b>	<b>Nr of Axioms of Unknown Diff Status</b>	<b>Nr of Query Entailment Calls</b>	<b>CPU Time (s)</b>
sig0	14	30	66	5	5	9	9	27	0	675	19.81
sig1	14	30	66	5	5	10	11	31	0	742	22.31
sig2	14	30	66	5	5	6	8	21	0	591	15.67
sig3	14	30	66	5	5	9	6	20	0	492	11.38
sig4	14	30	66	5	5	11	10	29	0	611	19.37
sig5	14	30	66	5	5	8	9	25	0	689	19.18
sig6	14	30	66	5	5	9	9	25	0	620	16.46
sig7	14	30	66	5	5	9	7	23	0	533	13.89
sig8	14	30	66	5	5	10	10	28	0	715	26.59
sig9	14	30	66	5	5	9	9	24	0	605	19.33

**Average: Average: Average:**

14 30 66

**Min: Min: Min:**

14 30 66

**Max: Max: Max:**

14 30 66

**Average: Average: Average: Average:**

9 8.8 25.3 0 627.3 18.4

**Min: Min: Min: Min:**

6 6 20 0 492 11.38

**Max: Max: Max: Max:**

11 11 31 0 742 26.59