

Algorithm	Average Accuracy		
	All 20	10 Science	10 Metaphor
LRME	91.5	89.8	93.1
HSO	55.9	57.4	54.3
JC	54.7	57.4	52.1
LC	48.5	49.6	47.5
LIN	48.2	46.7	49.7
RES	43.8	39.0	48.6
PMI-IR	54.4	49.5	59.2
LSA	39.6	37.3	41.9
POS	44.8	42.1	47.4
HSO+POS	71.1	66.9	75.2
JC+POS	73.6	78.1	69.2
LC+POS	69.5	70.8	68.2
LIN+POS	76.8	68.8	84.8
RES+POS	71.6	70.3	72.9
PMI-IR+POS	72.8	65.7	79.9
LSA+POS	65.8	69.1	62.4
Average	61.4	59.9	62.9
Standard deviation	14.7	15.0	15.3

Table 1: A comparison of the difficulty of the science problems versus the metaphor problems for the 16 algorithms.