

Method	Predicting head h				Predicting tail t			
	1-1	1-M	M-1	M-M	1-1	1-M	M-1	M-M
SE	35.6	62.6	17.2	37.5	34.9	14.6	68.3	41.3
Unstructured	34.5	2.5	6.1	6.6	34.3	4.2	1.9	6.6
TransE	43.7	65.7	18.2	47.2	43.7	19.7	66.7	50.0
TransH	66.8	87.6	28.7	64.5	65.5	39.8	83.3	67.2
TransR	78.8	89.2	34.1	69.2	79.2	37.4	90.4	72.1
CTransR	81.5	89.0	34.7	71.2	80.8	38.6	90.1	73.8
KG2E	92.3	94.6	66.0	69.6	92.6	67.9	94.4	73.4
TransD	86.1	95.5	39.8	78.5	85.4	50.6	94.4	81.2
TATEC	79.3	93.2	42.3	77.2	78.5	51.5	92.7	80.7
STransE	82.8	94.2	50.4	80.1	82.4	56.9	93.4	83.1
ITransF								
PTransE	91.0	92.8	60.9	83.8	91.2	74.0	88.9	86.4
IRN	87.2	96.1	84.8	92.9	86.9	90.5	95.3	94.1