

system	A %	P %	R %
de Marneffe et al. (2006)	60.5	61.8	60.2
MacCartney and Manning (2008)	64.3	65.5	63.9
Heilman and Smith (2010)	62.8	61.9	71.2
the token aligner	59.1	61.2	55.4
our phrasal aligner	57.6	57.2	68.8

(a) Recognizing Textual Entailment

system	A %	P %	R %
Wan et al. (2006)	75.6	77	90
Das and Smith (2009)	73.9	74.9	91.3
Heilman and Smith (2010)	73.2	75.7	87.8
the token aligner	70.0	72.6	88.1
our phrasal aligner	68.1	68.6	95.8

(b) Paraphrase Identification

system	MAP	MRR
Cui et al. (2005)	0.4271	0.5259
Wang et al. (2007)	0.6029	0.6852
Heilman and Smith (2010)	0.6091	0.6917
Yao et al. (2013b)	0.6307	0.7477
the token aligner	0.5982	0.6582
our phrasal aligner	0.6165	0.7333

(c) Question Answering Sentence Ranking