

Sample Results – representation eval. en → cs

Model	Size	Heads	SentEval AvgAcc	SentEval AvgSim	Paraphrases class. accuracy (COCO)
InferSent	4096	—	81.7	0.70	31.58
GloVe bag-of-words	300	—	75.8	0.59	34.28
FINAL-CTX (“Cho”)	1000	—	74.4	0.60	23.20
ATTN-ATTN	1000	1	73.4	0.54	21.54
ATTN-CTX	1000	4	72.2	0.45	14.60
ATTN-ATTN	1000	4	70.8	0.39	10.84
ATTN-ATTN	1000	8	70.0	0.36	10.24

Attention
harms the
performance.

Selected models trained for translation from English to Czech. InferSent and GloVe-BOW are trained on monolingual (English) data.