

Models	Yelp	IMDB	CZ Movies	Debates	θ
Feature-based classifiers	59.8	40.9	78.5	74.0	—
Paragraph vector	57.7	34.1	—	—	—
Convolutional neural network	59.7	—	—	—	—
Convolutional gated RNN	63.7	42.5	—	—	—
LSTM gated RNN	65.1	45.3	—	—	—
RST-based recursive neural network	—	—	—	75.7	—
75D Hierarchical attention networks	68.2	49.4	80.8	74.0	273K
75D No Attention	66.7	47.5	80.5	73.7	330K
100D Simple Attention	67.7	48.2	81.4	75.3	860K
100D Structured Attention (sentence-level)	68.0	48.8	81.5	74.6	842K
100D Structured Attention (document-level)	67.8	48.6	81.1	75.2	842K
100D Structured Attention (both levels)	68.6	49.2	82.1	76.5	860K