

Model	k = 200	k = 300	k = 400
Bag-of-Words-10K	0.457	0.445	0.483
Single - 10k	0.623	0.647	0.641
Joint - 10k	0.650	0.636	0.635
Bag-of-Words-50K	0.44	0.453	0.407
Single - 50k	0.492	0.486	0.534
Joint - 50k	0.571	0.591	0.613
Bag-of-Words-100K	0.335	0.324	0.322
Single - 100k	0.431	0.413	0.456
Joint - 100k	0.495	0.518	0.507