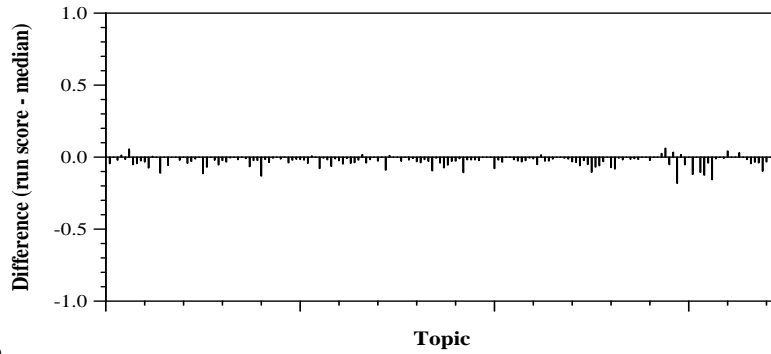
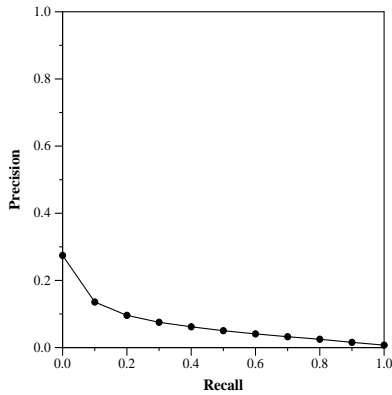


Conversational Assistance Track results — (RALI) Applied Research in Computational Linguistics Lab

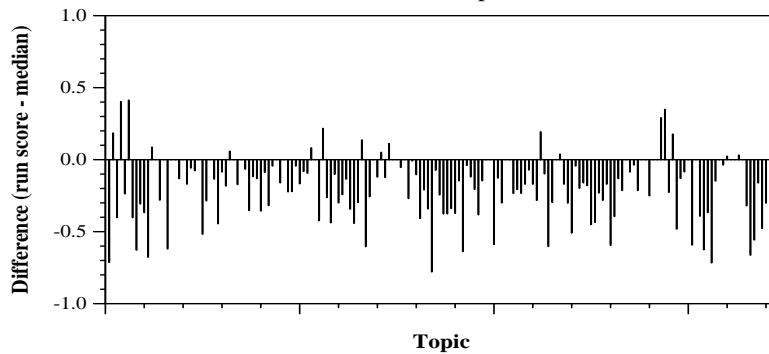
Run Description	
Run ID	SMNmlp
Topic type	Automatic
Conversation Understanding	deep learning; data provided in the CAST Y1 training dataset; external data
Ranking Features	learning-to-rank; deep learning; trained on external MS MARCO dataset
Context Features	previous turns; all turns

Overall measures	
Number of topics	173
Total number retrieved	158327
Total relevant	8120
Total relevant retrieved	5202
MAP @ 5	0.0079
Mean NDCG @ 5	0.0865
Mean NDCG @ 1000	0.2794

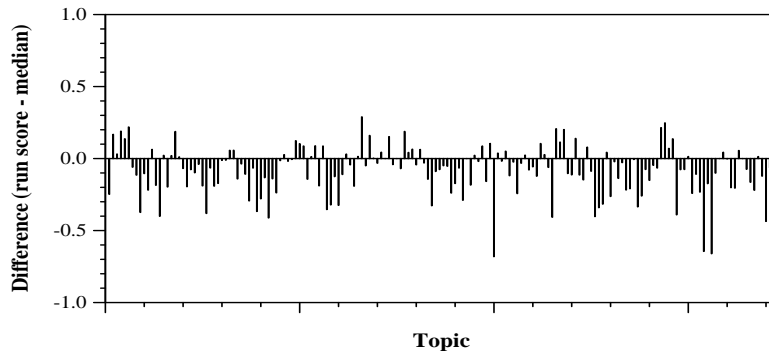
Document Level Averages	
	Precision
At 5 docs	0.1225
At 10 docs	0.1150
At 15 docs	0.1098
At 20 docs	0.1017
At 30 docs	0.0933



Per-topic difference from median AP@5



Per-topic difference from median NDCG@5



Per-topic difference from median NDCG@1000