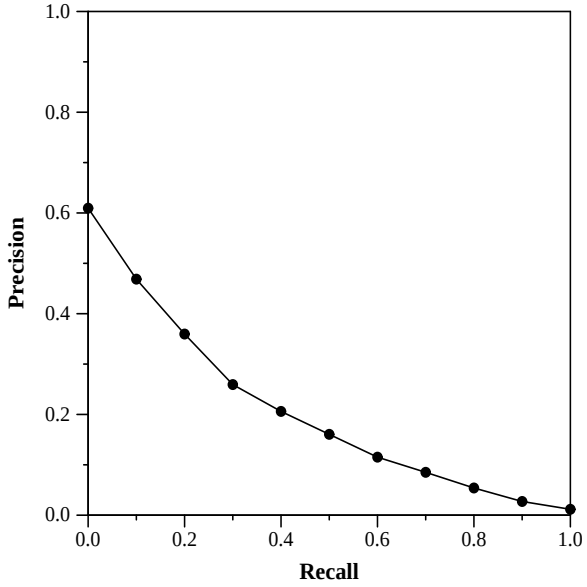
Conversational Assistance Track results — (CMU-LTI) Carnegie Mellon University

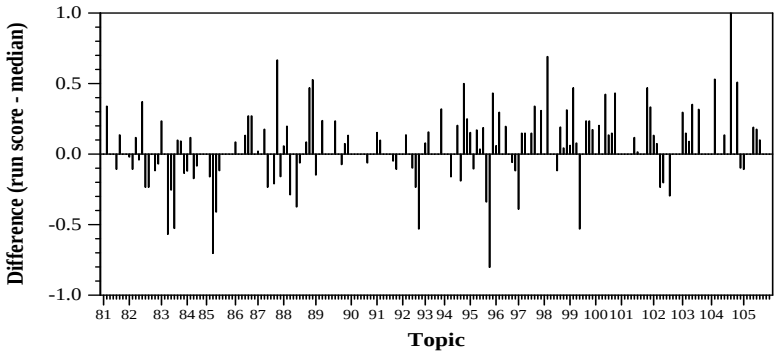
Run Description	
Run ID	PAS_RQUERY_MER
Submission Category	Raw utterance only
Query Method Features	method uses a standard NLP toolkit; method performs query expansion
Query Data Features	method uses data provided in the CAsT Y1 dataset; method uses other external data
Passage Ranking Method Features	method uses a deep learning (neural) model; method uses a pre-trained neural language model
Passage Ranking Data Features	method is trained with TREC Deep Learning Track and/or MS MARCO dataset
Conversational Context Features	method uses previous raw utterances (queries) in the topic

Overall measures	
Number of topics	208
Total number retrieved	208000
Total relevant	6670
Total relevant retrieved	3650
Mean NDCG @ 3	0.3176
Mean NDCG @ 5	0.3054
Mean NDCG @ 1000	0.3775
MAP	0.1964

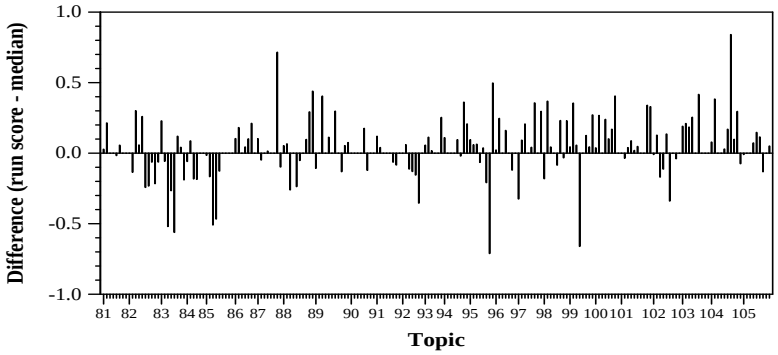
Document Level Averages	
	Precision
At 5 docs	0.3904
At 10 docs	0.3562
At 15 docs	0.3119
At 20 docs	0.2793
At 30 docs	0.2306



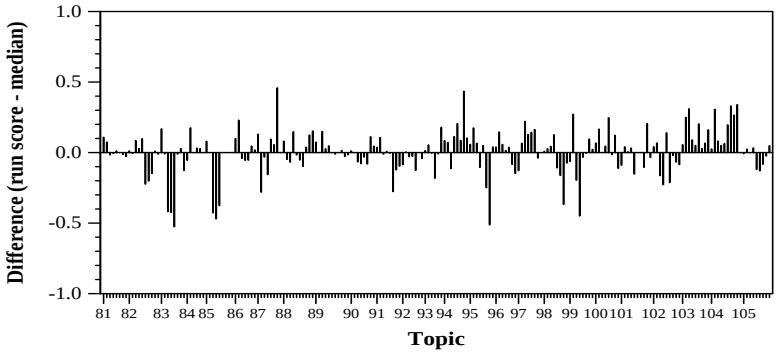
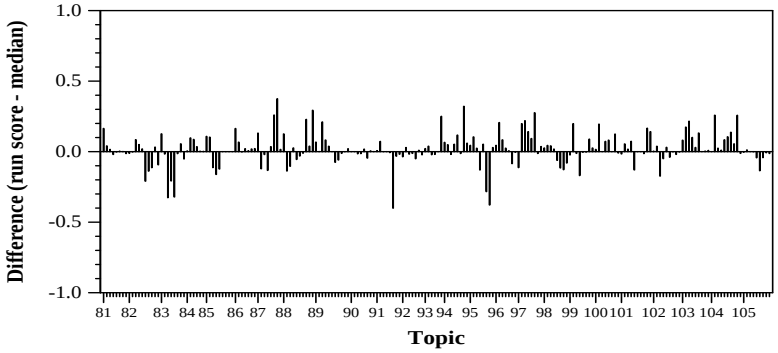
Per-topic difference from median NDCG@3 of Raw runs



Per-topic difference from median NDCG@5 of Raw runs



Per-topic difference from median NDCG@1000 of Raw runs



Per-topic difference from median Average Precision of Raw runs