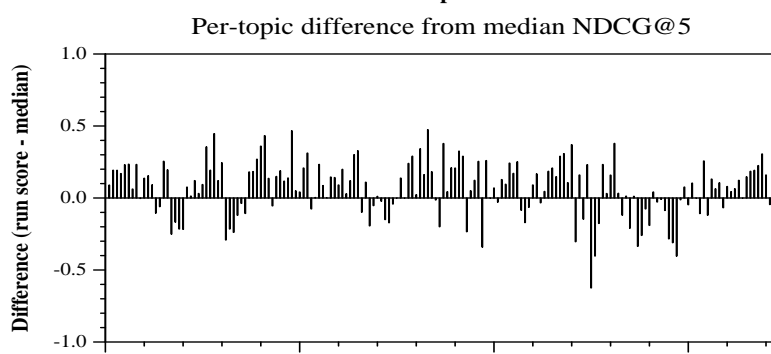# Conversational Assistance Track results — (CMU) Carnegie Mellon University (Callan)
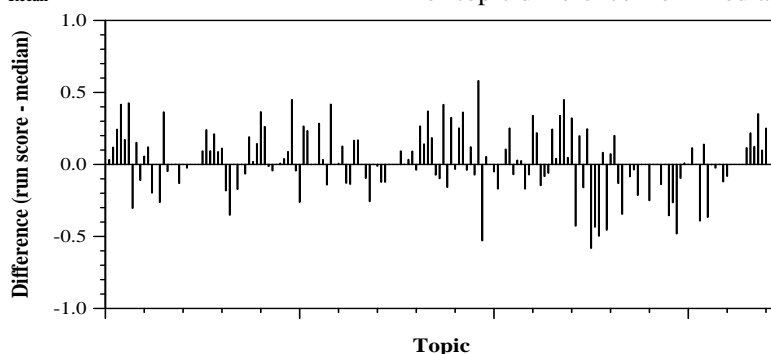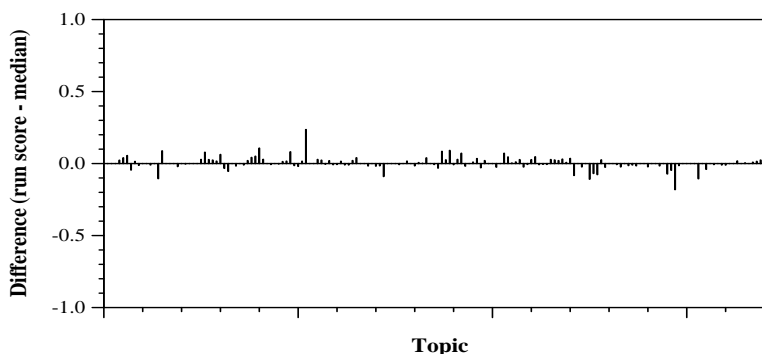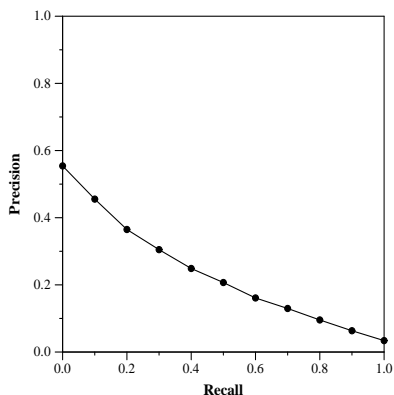
Run Description		Overall measures	
Run ID	coref_shift_qe	Number of topics	173
Topic type	Automatic	Total number retrieved	159257
Conversation Understanding	NLP toolkit; coreference resolution;	Total relevant	8120
	deep learning; data provided in the	Total relevant retrieved	5891
	CAsT Y1 training dataset	MAP @ 5	0.0361
Ranking Features	unsupervised	Mean NDCG @ 5	0.2816
Context Features	previous turns	Mean NDCG @ 1000	0.4223

Document Level Averages	
	Precision
At 5 docs	0.4289
At 10 docs	0.4133
At 15 docs	0.3842
At 20 docs	0.3595
At 30 docs	0.3104

Per-topic difference from median AP@5

Per-topic difference from median NDCG@5

Per-topic difference from median NDCG@1000