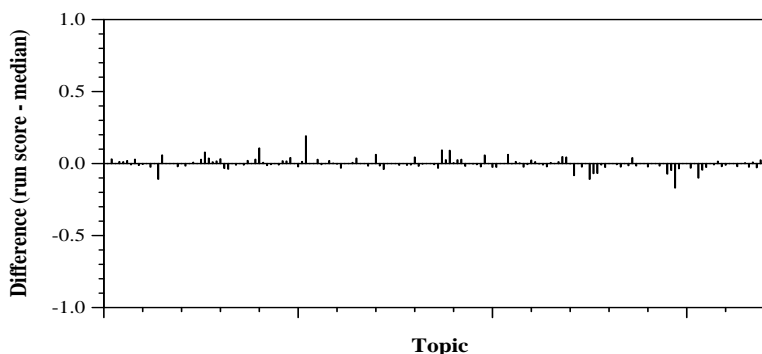
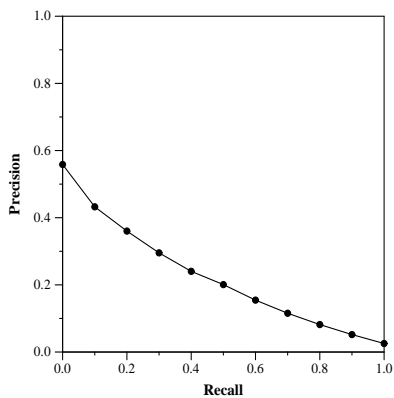


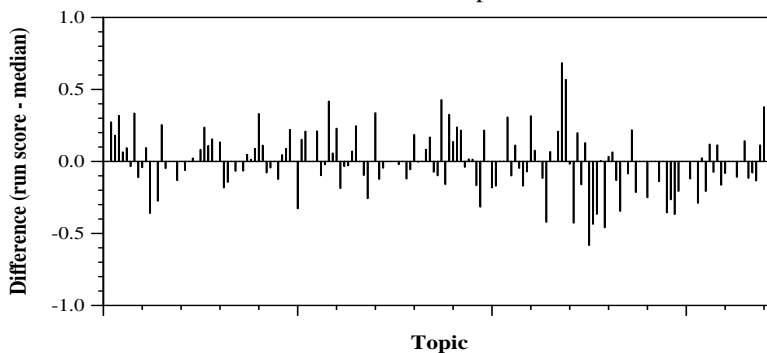
Conversational Assistance Track results — (CMU) Carnegie Mellon University (Callan)

Run Description		Overall measures	
Run ID	coref_cshift	Number of topics	173
Topic type	Automatic	Total number retrieved	155916
Conversation Understanding	NLP toolkit; coreference resolution; deep learning; data provided in the CAsT Y1 training dataset	Total relevant	8120
Ranking Features	unsupervised	Total relevant retrieved	5896
Context Features	previous turns	MAP @ 5	0.0328
		Mean NDCG @ 5	0.2618
		Mean NDCG @ 1000	0.4183

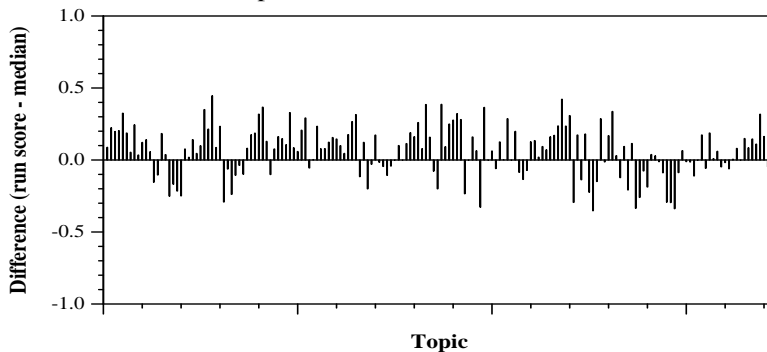
Document Level Averages	
	Precision
At 5 docs	0.3977
At 10 docs	0.3890
At 15 docs	0.3672
At 20 docs	0.3460
At 30 docs	0.3056



Per-topic difference from median AP@5



Per-topic difference from median NDCG@5



Per-topic difference from median NDCG@1000