CAsT Track, main task results — (udel_fang) InfoLab at University of Delaware

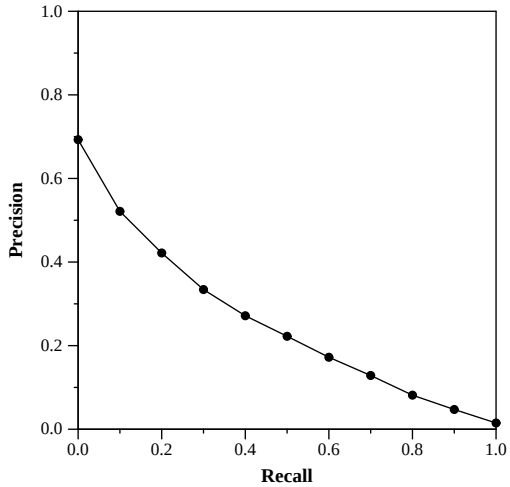
Run Description	
Run ID:	udinfo_mi_b2021
Category:	automatic topic files, mixed-initiative responses
Query understanding method:	performs generative query rewriting (CQR), including models like BART/T5
Query understanding data:	uses CAsT Y4 provided automatically rewritten utterances (e.g. T5 w/Canard)
Ranking method:	uses traditional unsupervised sparse retrieval (e.g. QL, BM25, etc.); uses a dense retrieval model (e.g. DPR, ANCE, ColBERT, etc.); uses hybrid or fusion of sparse/dense retrieval approaches
Ranking data:	
Initiative:	does not treat them specially
Response generation:	uses single source (single passage); does not perform summarization (i.e. uses passages as-is)

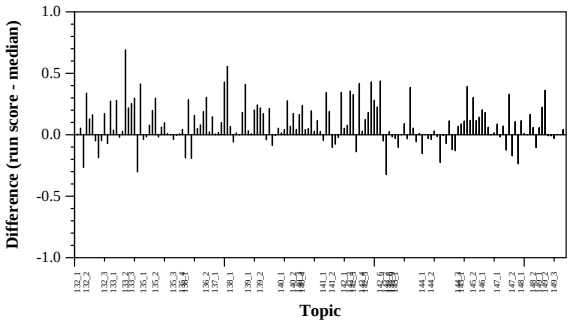
Note: all P/R scores follow the strict criterion $rel >= 2$***. NDCG gains are the rel values.***

Overall measures	
Number of turns	163
Total number retrieved	163000
Total relevant	12318
Total relevant retrieved	5359
MAP	0.2461
Mean NDCG@3	0.4524
Mean NDCG@20	0.4039
Mean Precision@1	0.5337
Mean Precision@3	0.4928

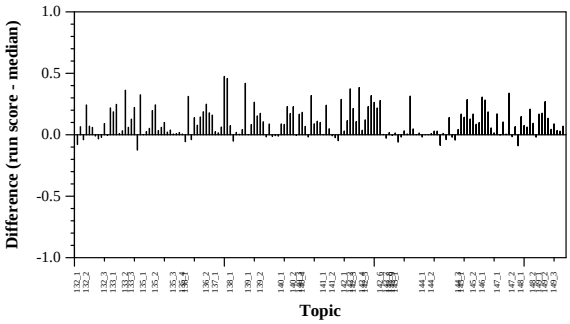
Document Level Averages	
	Precision
At 5 docs	0.4638
At 10 docs	0.4055
At 20 docs	0.3482

R-Precision	
Exact	0.2759





Difference from median NDCG



Difference from median AP