CAsT Track, main task results — (CFDA_CLIP) Academia Sinica

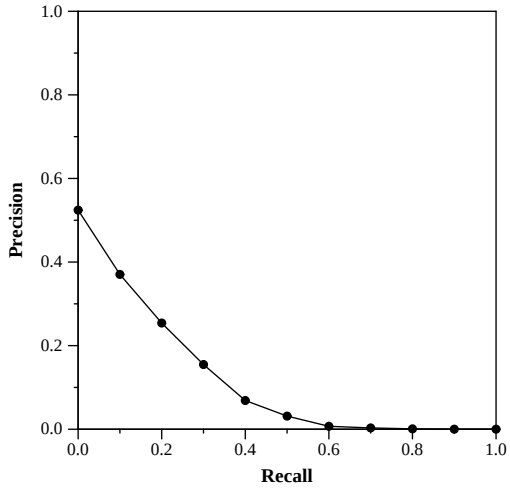
Run Description	
Run ID:	CNC_AD-C
Category:	automatic topic files
Query understanding method:	uses conversational dense vectors (e.g. ConvDR); performs generative query rewriting (CQR), including models like BART/T5
Query understanding data:	uses data provided from previous CAsT datasets
Ranking method:	uses traditional unsupervised sparse retrieval (e.g. QL, BM25, etc.); uses feature-based learning-to-rank (i.e., supervised learning; performs re-ranking with a pre-trained neural language model (BERT, Roberta, T5, etc.)
Ranking data:	is trained with previous CAsT datasets; is trained with TREC Deep Learning Track and/or MS MARCO dataset
Initiative:	does not treat them specially
Response generation:	does not perform summarization (i.e. uses passages as-is)

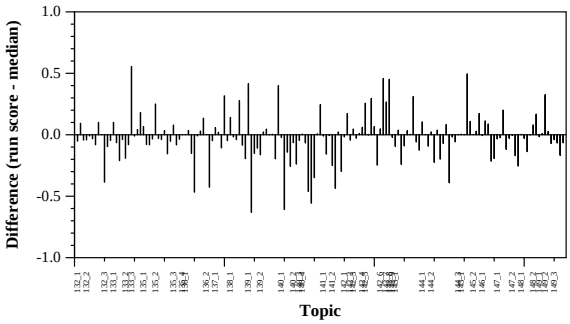
Note: all P/R scores follow the strict criterion $rel >= 2$***. NDCG gains are the rel values.***

Overall measures	
Number of turns	163
Total number retrieved	163000
Total relevant	12318
Total relevant retrieved	2313
MAP	0.1092
Mean NDCG@3	0.3343
Mean NDCG@20	0.2949
Mean Precision@1	0.3681
Mean Precision@3	0.3517

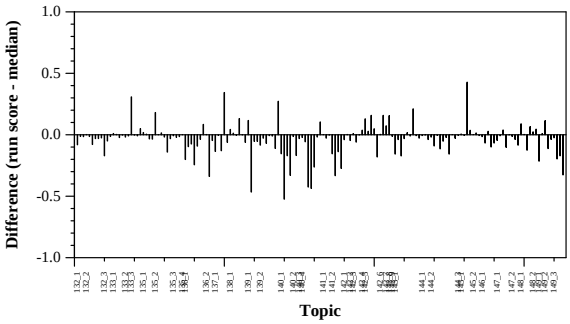
Document Level Averages	
	Precision
At 5 docs	0.3362
At 10 docs	0.3018
At 20 docs	0.2494

R-Precision	
Exact	0.1715





Difference from median NDCG



Difference from median AP