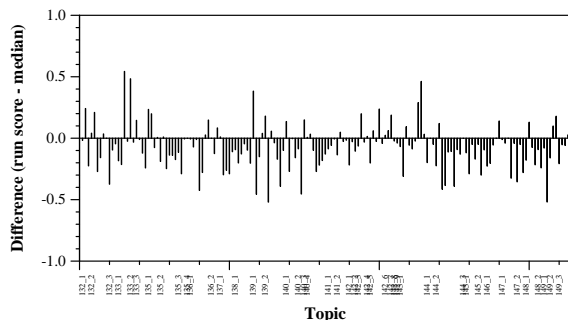
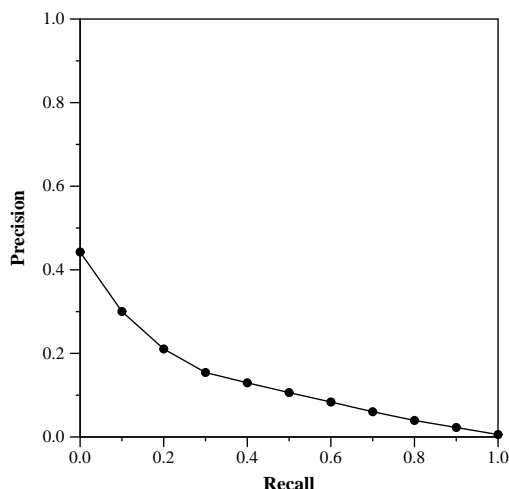


## CAsT Track, main task results — (MLIA-DAC) MLIA-DAC

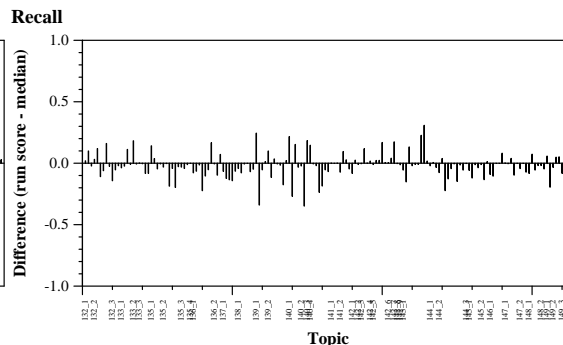
Run Description	
Run ID:	splade_t5mse
Category:	automatic topic files
Query understanding method:	uses other query understanding method
Query understanding data:	uses data provided from previous CAsT datasets; uses other external data
Ranking method:	uses learned sparse retrieval (e.g. SPLADE, etc.); performs re-ranking with a pre-trained neural language model (BERT, Roberta, T5, etc.)
Ranking data:	is trained with previous CAsT datasets; is trained on other datasets
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  $rel \geq 2$ . NDCG gains are the rel values.*

Overall measures		Document Level Averages	
Number of turns	163		
Total number retrieved	163000		
Total relevant	12318		
Total relevant retrieved	4660		
MAP	0.1270		
Mean NDCG@3	0.2711		
Mean NDCG@20	0.2454		
Mean Precision@1	0.3190		
Mean Precision@3	0.2965		
		Precision	
		At 5 docs	0.2798
		At 10 docs	0.2626
		At 20 docs	0.2175
		R-Precision	
		Exact	0.1418



Difference from median NDCG



Difference from median AP