

Round 2 results — Run Technion-LTR submitted from Technion

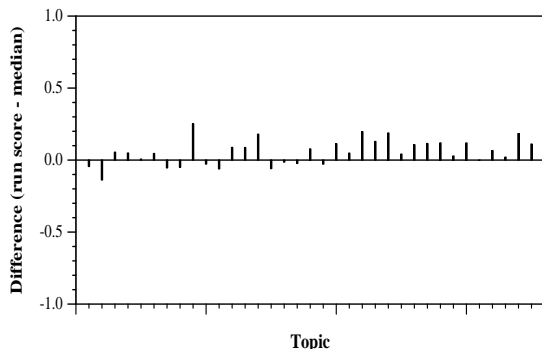
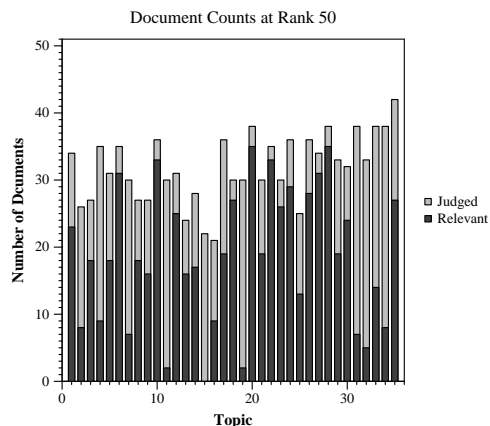
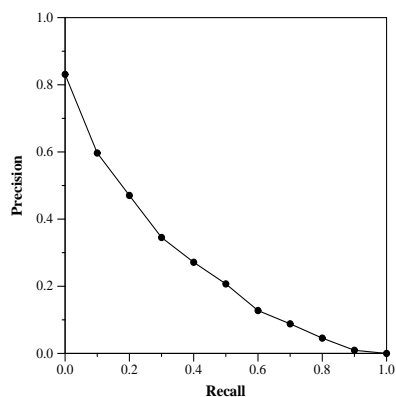
Run Description

We use a learning-to-rank approach with 116 features. We apply the following three-step procedure. First, we use a standard unigram language model approach to retrieve an initial list of 1000 documents for a query after removing the documents that has already been judged. Second, we train a document ranking model using all documents that exist in the qrels file. Finally, we apply our trained model on the initially retrieved document list. To train and apply the document ranker, we used a linear RankSVM. The "query" and "question" fields serve for queries.

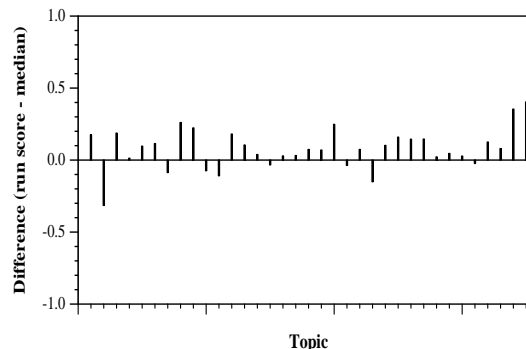
Summary Statistics	
Run ID	Technion-LTR
Topic type	feedback
Contributed to judgment sets?	no

Overall measures	
Number of topics	35
Total number retrieved	35000
Total relevant	3002
Total relevant retrieved	1883
MAP	0.2497
Mean Bpref	0.4252
Mean NDCG@10	0.5491
Mean RBP(p=0.5)	0.5919 +0.0387

Document Level Averages	
	Precision
At 5 docs	0.6400
At 10 docs	0.5971
At 15 docs	0.5486
At 20 docs	0.5100
At 30 docs	0.4676
R-Precision	
Exact	0.3007

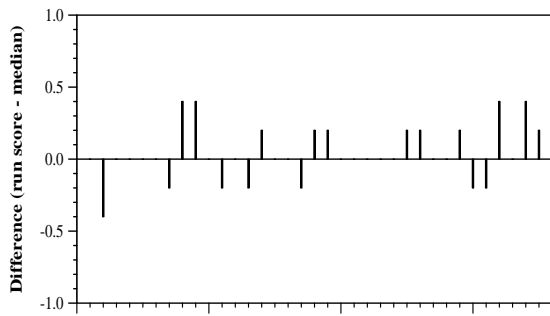


Per-topic difference from median bpref for all Round 2 runs

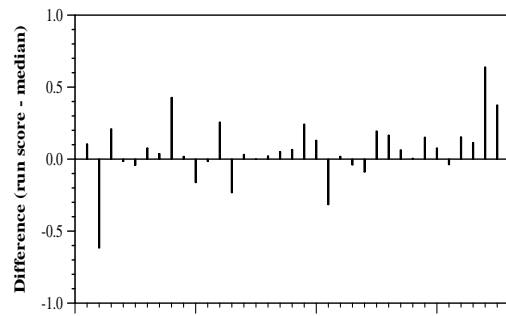


Per-topic difference from median NDCG@10 for all Round 2 runs

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Per-topic difference from median P@5 for all Round 2 runs



Per-topic difference from median RBP(p=0.5) for all Round 2 runs