Run Description

The index is built from the combined title and abstract fields of the metadata file. Retrieval is performed by the MVD model (Paik, J.H., A probabilistic model for information retrieval based on maximum value distribution. In Proceedings of the ACM SIGIR (2015), pp. 585-594), on long queries consisting of the combined Query, Question and Narrative. Document -based retrieval with pseudo-relevance feedback is employed.

Summary Statistics	
Run ID	HKPU-MVD-dPRF
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	50
Total number retrieved	49908
Total relevant	10910
Total relevant retrieved	6408
MAP	0.2604
Mean Bpref	0.4631
Mean NDCG@20	0.5891
Mean RBP(p=0.5)	0.6878 +0.0121

Document Level Averages	
	Precision
At 5 docs	0.7720
At 10 docs	0.6880
At 15 docs	0.6480
At 20 docs	0.6260
At 30 docs	0.5753
R-Precision	
Exact	0.3181

Document Counts at Rank 50
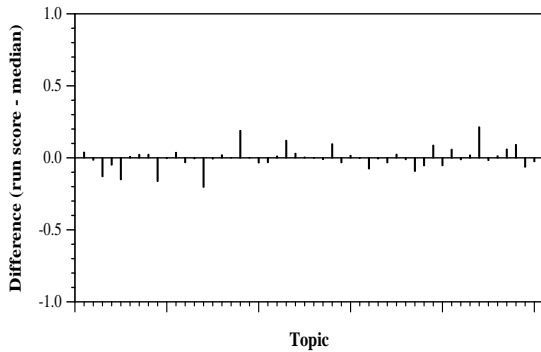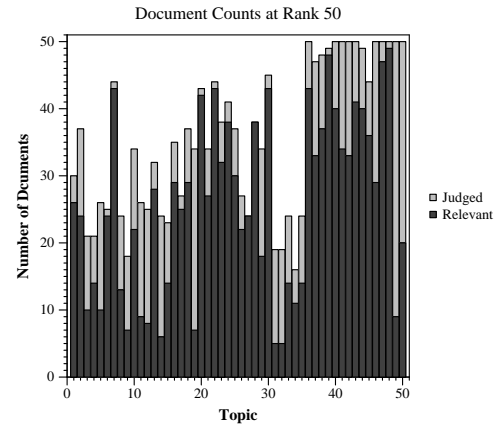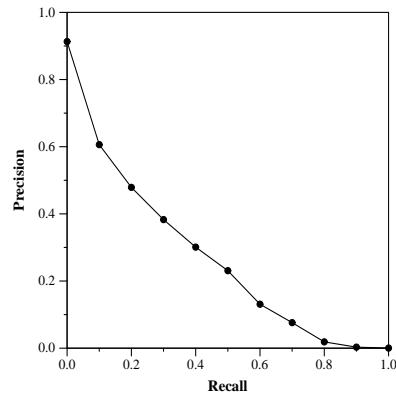
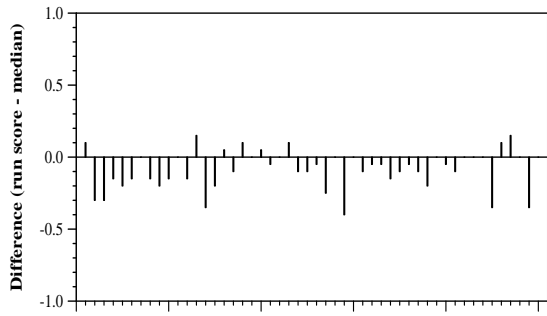Per-topic difference from median bpref for all Round 4 runs
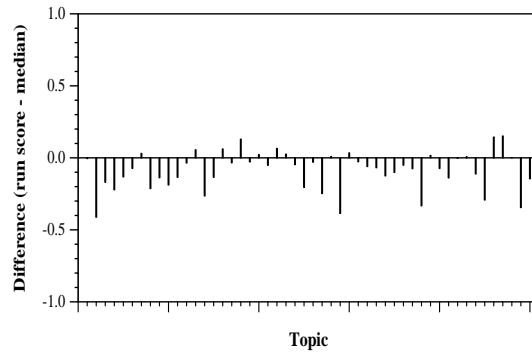
Per-topic difference from median NDCG@20 for all Round 4 runs

Per-topic difference from median P@20 for all Round 4 runs
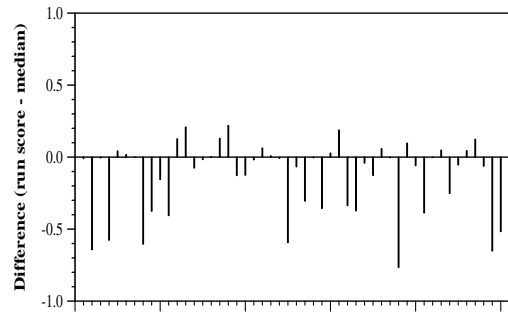
Per-topic difference from median RBP(p=0.5) for all Round 4 runs