

Round 1 results — Run xj4wang_run1 submitted from xj4wang

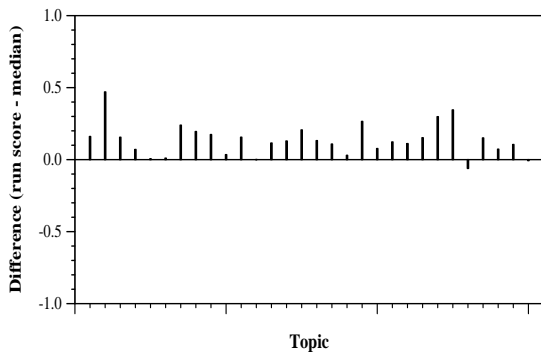
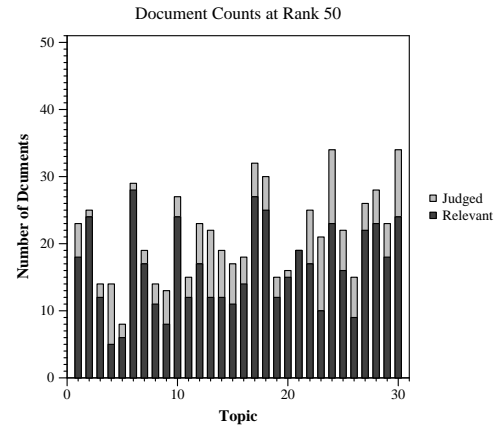
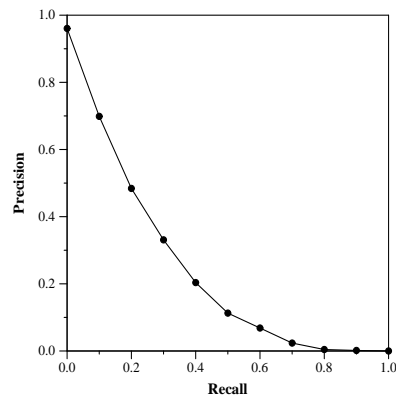
Run Description

The retrieval model used is BMI (Baseline Model Implementation), provided as a starter by Gordon Cormack for the TREC 2015/2016 Total Recall Track, with human assessors in place of the server (manual processing). [1] In more detail: It uses the CAL (Continuous Active Learning) method, starting with 1 synthetic file created using the given topics, word for word. This method is described by Grossman and Cormack in [4]. Feature vectors are created using the BMI tools. [1] SofiaML is used as the learner. The weighting schemes were chosen heavily based on the work of Cormack and Grossman in [2]. Stopping conditions for manual labeling were chosen heavily based on the work of Grossman et al. in [3]. References: [1] <https://cormack.uwaterloo.ca/trecvm/> [2] <file:///C:/Users/Jean/Downloads/2600428.2609601.pdf> [3] <https://trec.nist.gov/pubs/trec25/papers/Overview-TR.pdf> [4] https://cormack.uwaterloo.ca/caldemo/AprMay16_Edisco

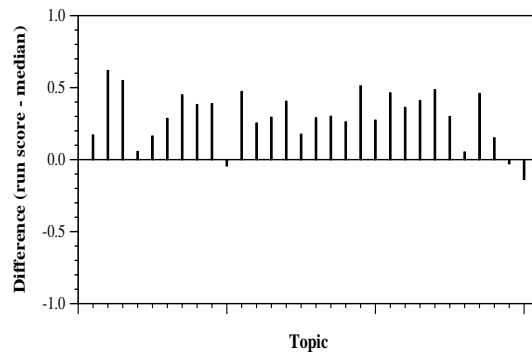
Summary Statistics	
Run ID	xj4wang_run1
Topic type	manual
Contributed to judgment sets?	yes

Overall measures	
Number of topics	30
Total number retrieved	30000
Total relevant	2352
Total relevant retrieved	1216
MAP	0.2367
Mean Bpref	0.4599
Mean NDCG@10	0.6513

Document Level Averages	
	Precision
At 5 docs	0.8333
At 10 docs	0.7167
At 15 docs	0.6067
At 20 docs	0.5417
At 30 docs	0.4522
R-Precision	
Exact	0.2843

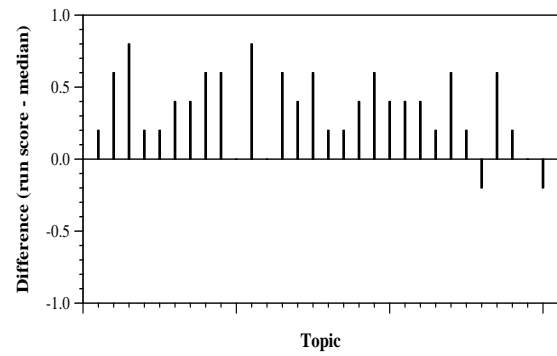


Per-topic difference from median bpref for all Round 1 runs



Per-topic difference from median NDCG@10 for all Round 1 runs

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Per-topic difference from median P@5 for all Round 1 runs