## Run Description

Anserini bm25 (title+abstract+paragraph index) using query expansion based on Kaggle task descriptions. TREC topics were manually classified into Kaggle tasks, and the top 10 keywords of the task were extracted based on TF-IDF (using paper abstracts as a corpus). Query terms were weighted as a * topic_query + (1-a) * task_terms i.e. the weights of the terms in the topic query add to 'a' a=.8 was selected by optimizing towards both high precision on known qrels and a high number of unknown qrels.

| Summary Statistics | |
|---|---|
| Run ID | ru-t-exp-rnd2 |
| Topic type | manual |
| Contributed to judgment sets? | no |

| Overall measures | |
|---|---|
| Number of topics | 35 |
| Total number retrieved | 3500 |
| Total relevant | 3002 |
| Total relevant retrieved | 647 |
| MAP | 0.1117 |
| Mean Bpref | 0.1979 |
| Mean NDCG@10 | 0.3887 |
| Mean RBP(p=0.5) | 0.4424 +0.0257 |

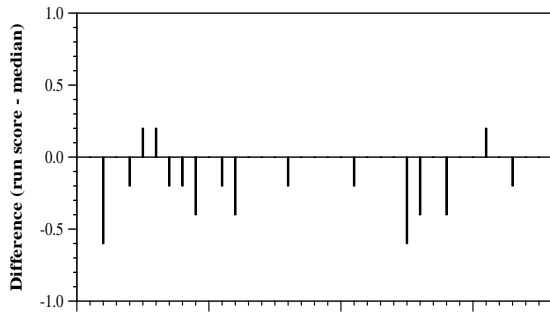| Document Level Averages | |
|---|---|
| | Precision |
| At 5 docs | 0.4971 |
| At 10 docs | 0.4457 |
| At 15 docs | 0.3886 |
| At 20 docs | 0.3614 |
| At 30 docs | 0.3105 |
| R-Precision | |
| Exact | 0.1907 |




Document Counts at Rank 50
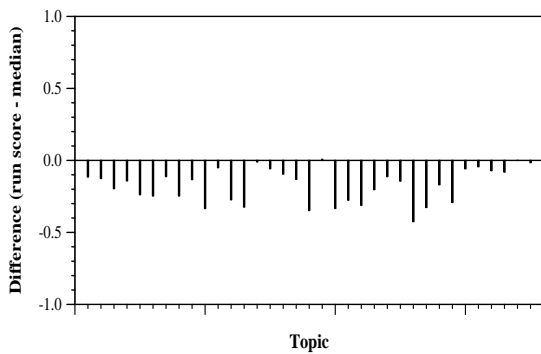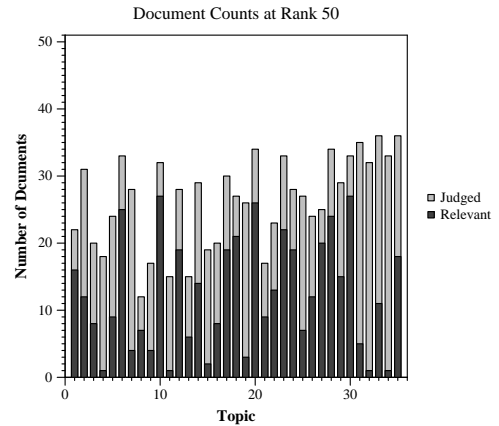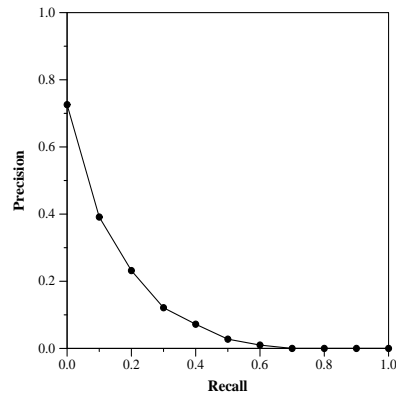

Per-topic difference from median bpref for all Round 2 runs
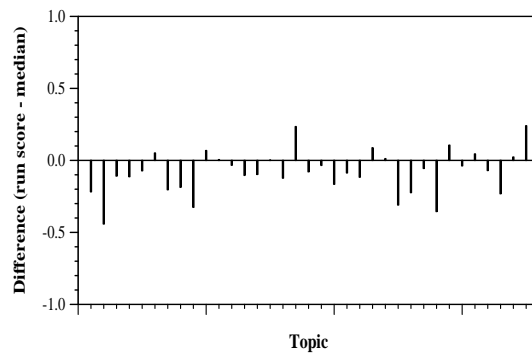

Per-topic difference from median NDCG@10 for all Round 2 runs

Per-topic difference from median P@5 for all Round 2 runs
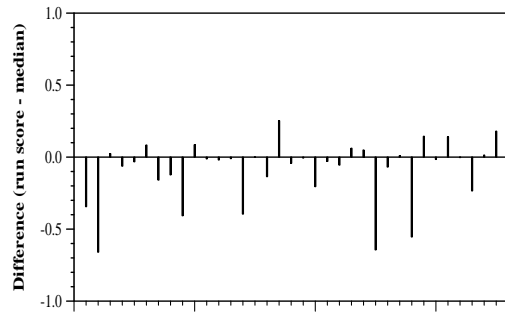
Per-topic difference from median RBP(p=0.5) for all Round 2 runs