## Run Description

The run is generated using a human in the loop active learning approach. HiCAL[2] is used for the task. It uses Continuous active learning[1] and a solr+bm25 search interface. The active learning model for each topic was seeded using judgments made by us in Round 1 and NIST qrel. For topics 1-30, at most 5 minutes were spent per topic. For topic 31-35, at most 15 minutes were spent per topic. [1] Gordon V. Cormack and Maura R. Grossman. Evaluation of machine-learning proto-cols for technology-assisted review in electronic discovery. InProceedings of the 37thInternational ACM SIGIR Conference on Research and Development in InformationRetrieval, pages 153–162. ACM, 2014. [2] https://github.com/hical/HiCAL

| Summary Statistics | |
|---|---|
| Run ID | BBGhelani1 |
| Topic type | manual |
| Contributed to judgment sets? | yes |

| Overall measures | |
|---|---|
| Number of topics | 35 |
| Total number retrieved | 35000 |
| Total relevant | 3002 |
| Total relevant retrieved | 2040 |
| MAP | 0.2412 |
| Mean Bpref | 0.5045 |
| Mean NDCG@10 | 0.5846 |
| Mean RBP(p=0.5) | 0.6374 +0.0035 |

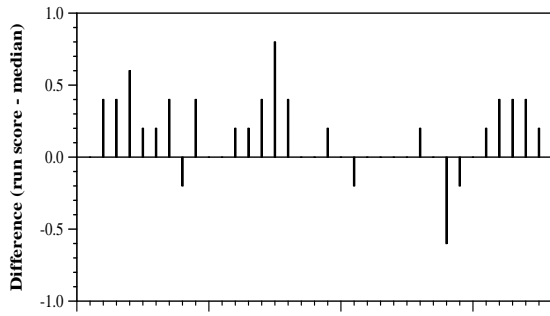| Document Level Averages | |
|---|---|
| | Precision |
| At 5 docs | 0.7543 |
| At 10 docs | 0.6629 |
| At 15 docs | 0.5733 |
| At 20 docs | 0.5300 |
| At 30 docs | 0.4486 |
| R-Precision | |
| Exact | 0.2789 |





Document Counts at Rank 50
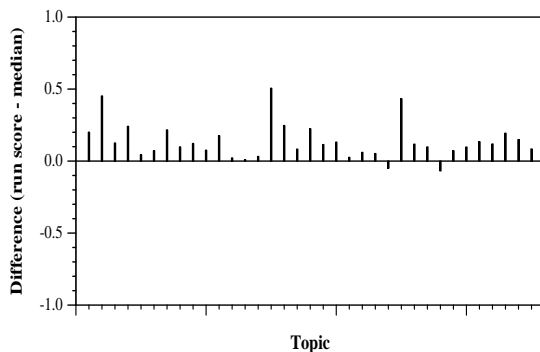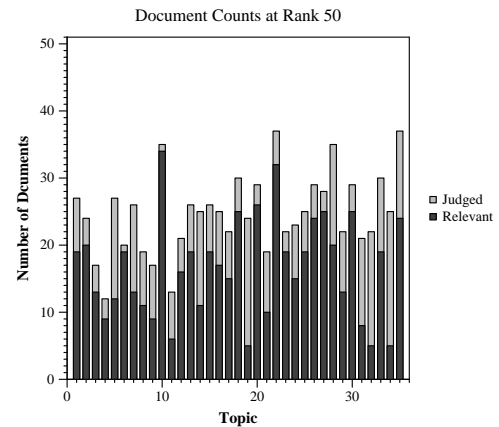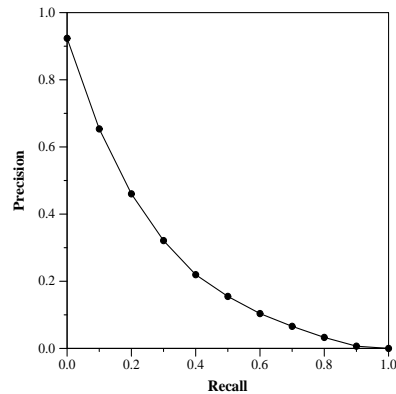


Per-topic difference from median bpref for all Round 2 runs
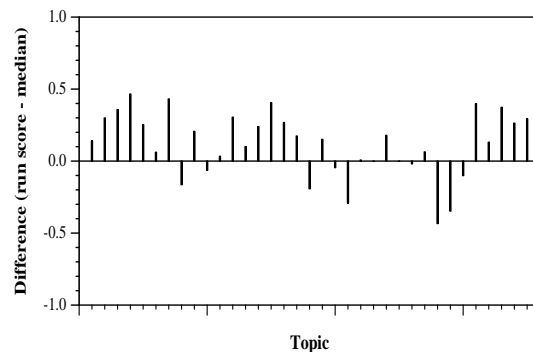


Per-topic difference from median NDCG@10 for all Round 2 runs

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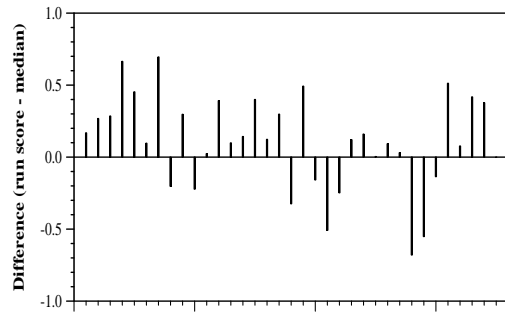
Per-topic difference from median RBP(p=0.5) for all Round 2 runs