## Run Description

This run corresponds to the results of a system that was tunned for the BioASQ challenge (a more broad biomedical Adhoc retrieval challenge). So this submission tries to explore the possible similarity between the data domains in order to train a neural ranking model. The system uses a standard BM25 + Neural ranking model. In the retrieval were considered only documents that have title+abstract to be more similar to the BioASQ data. The neural ranking is built upon the DeepRank model and a more complete description can be found here [1]. For each topic, the field "question" was used to express the information need. REFs: [1] T. Almeida and S. Matos, 'Calling Attention to Passages for Biomedical Question Answering,' in Advances in Information Retrieval, 2020, pp. 69–77.

| Summary Statistics | |
|---|---|
| Run ID | BioinfoUA-noadapt |
| Topic type | automatic |
| Contributed to judgment sets? | no |

| Overall measures | |
|---|---|
| Number of topics | 30 |
| Total number retrieved | 30000 |
| Total relevant | 2352 |
| Total relevant retrieved | 1257 |
| MAP | 0.1942 |
| Mean Bpref | 0.3745 |
| Mean NDCG@10 | 0.4858 |

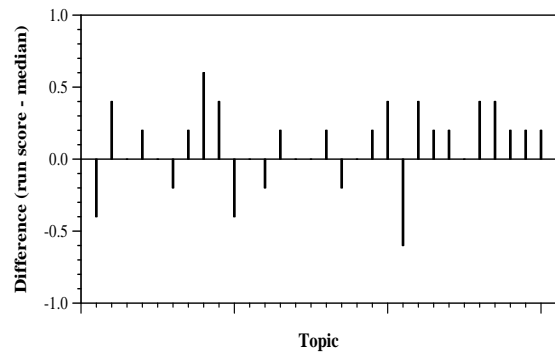| Document Level Averages | |
|---|---|
| | Precision |
| At 5 docs | 0.5867 |
| At 10 docs | 0.5400 |
| At 15 docs | 0.4889 |
| At 20 docs | 0.4367 |
| At 30 docs | 0.3611 |
| R-Precision | |
| Exact | 0.2559 |



Document Counts at Rank 50
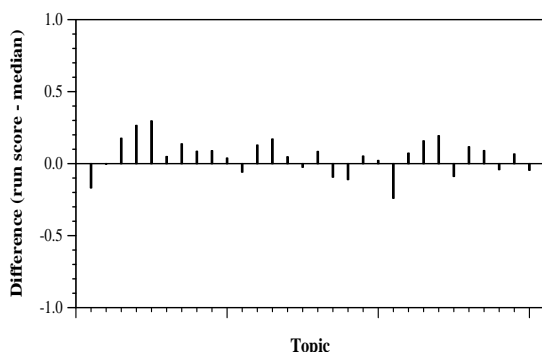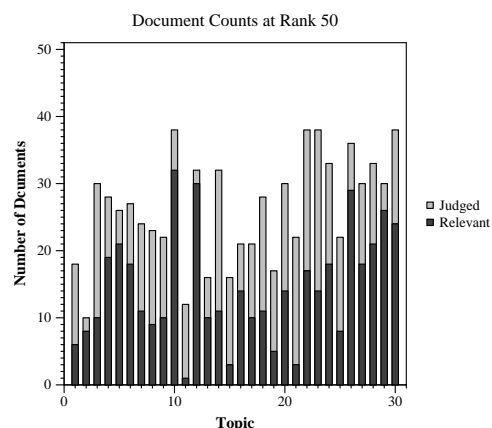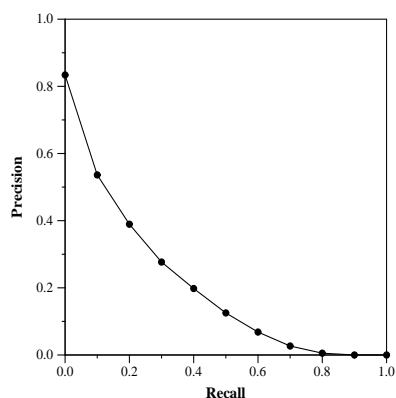




Per-topic difference from median bpref for all Round 1 runs
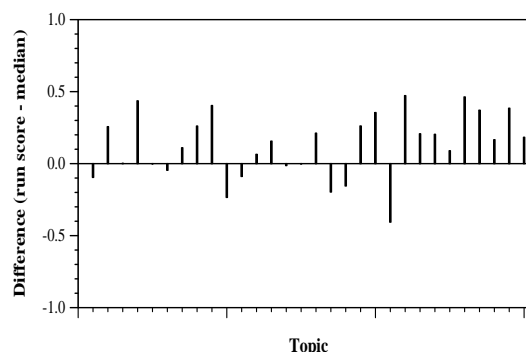


Per-topic difference from median NDCG@10 for all Round 1 runs

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