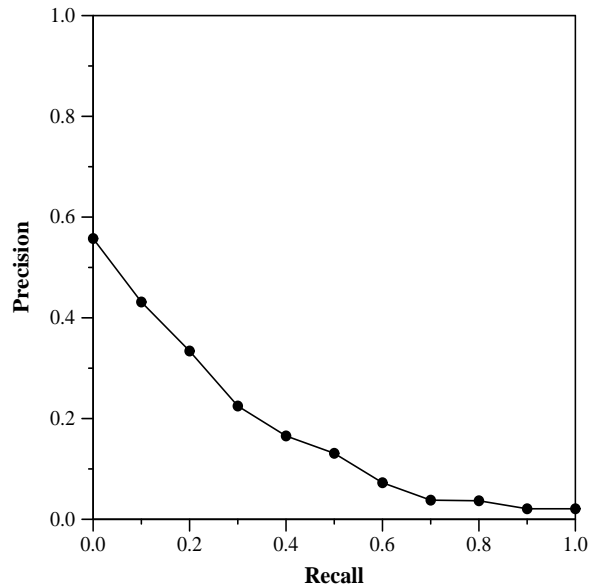


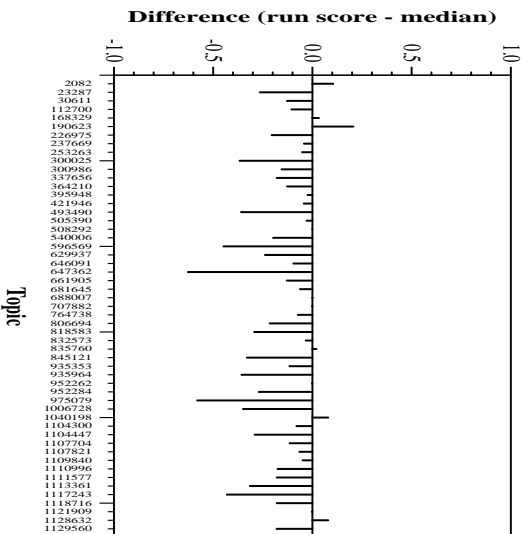
Deep Learning Track results — (BASELINES) Baseline Runs for TREC Deep Learning

| Run Description | |
|-------------------------------|--|
| Run ID: | p_bm25rm3 |
| Task: | Passage Ranking |
| Subtask: | Full ranking from the collection |
| Topic type: | Automatic |
| Single-stage retrieval? | Yes |
| Dense retrieval? | No |
| Used deep nn model? | No neural representation learning |
| Type of training: | None specified |
| Pre-processing/indexing cost: | Standard indexing with Lucene. |
| Query processing cost: | Standard query processing with Lucene. |

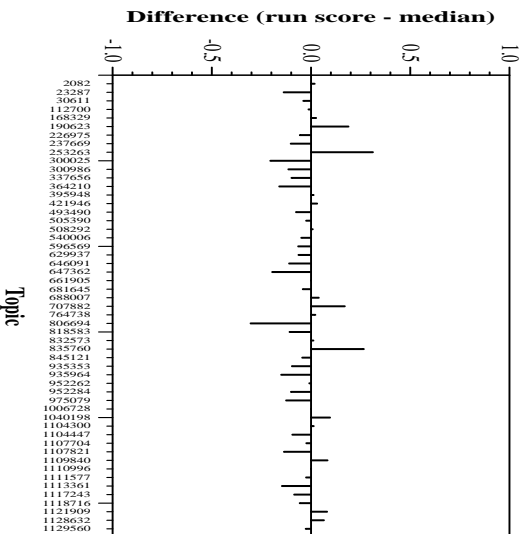
| Overall measures | | Document Level Averages | |
|--------------------------|--------|-------------------------|-----------|
| Number of topics | 53 | | Precision |
| Total number retrieved | 5300 | At 5 docs | 0.3962 |
| Total relevant | 3427 | At 10 docs | 0.3604 |
| Total relevant retrieved | 939 | At 15 docs | 0.3346 |
| MAP | 0.1632 | At 20 docs | 0.3292 |
| Mean NDCG@10 | 0.4480 | At 30 docs | 0.2855 |
| Mean Reciprocal Rank | 0.4925 | R-Precision | |
| | | Exact | 0.2298 |



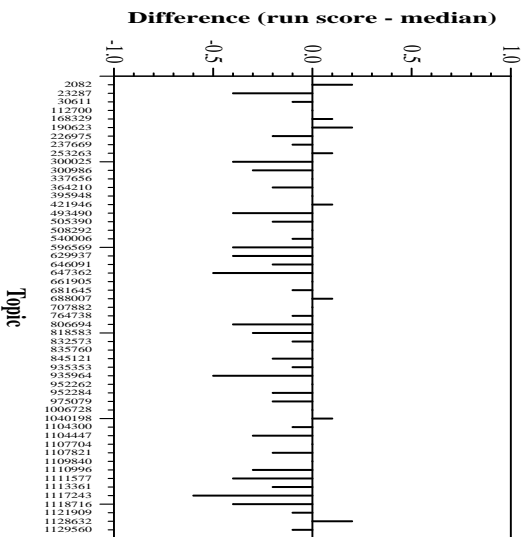
Deep Learning Track results — (BASELINES) Baseline Runs for TRREC Deep Learning



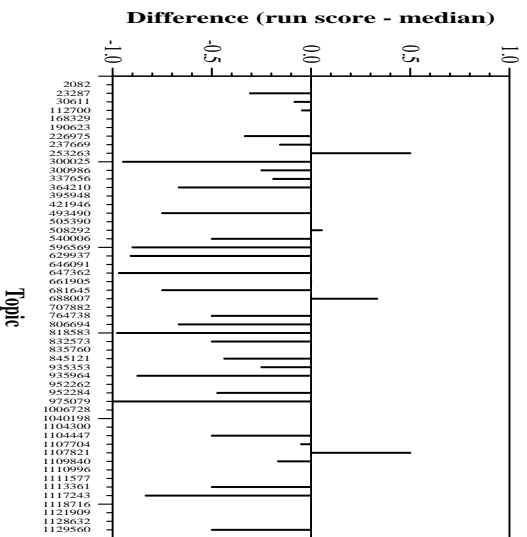
Per-topic difference from median for NDCG@10 for Passage Ranking runs



Per-topic difference from median for Average Precision for Passage Ranking runs



Per-topic difference from median for Prec@10 for Passage Ranking runs



Per-topic difference from median for Reciprocal Rank for Passage Ranking runs