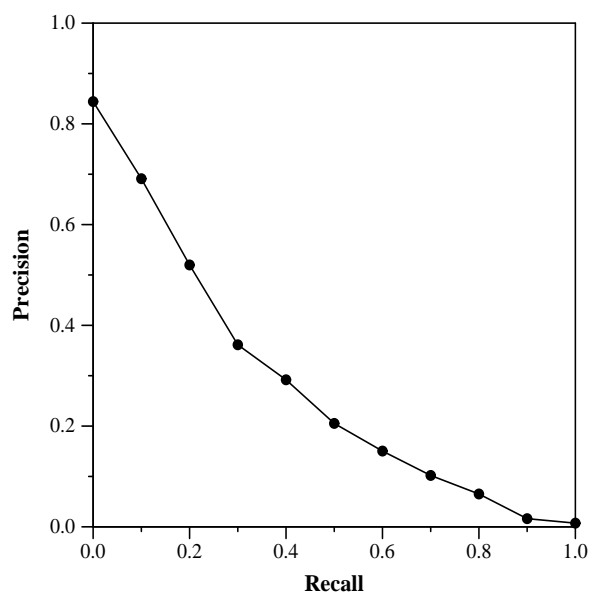
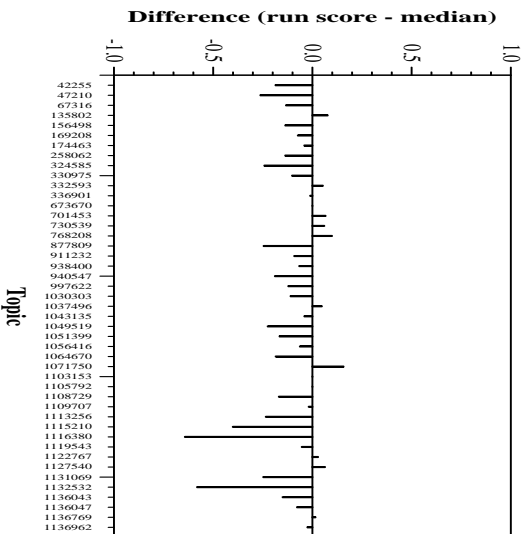


Deep Learning Track results — (NLM) U.S. National Library of Medicine

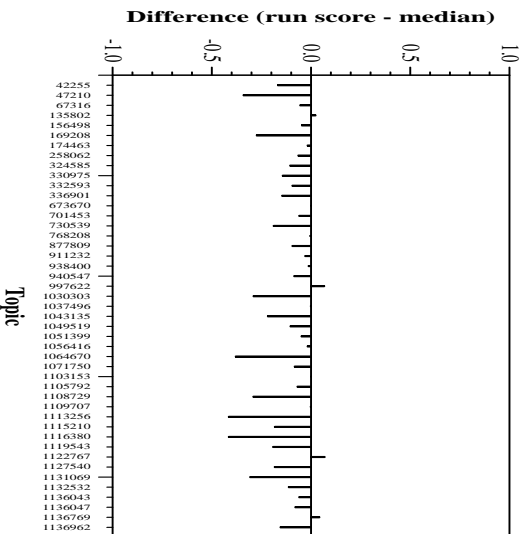
Run Description	
Run ID	nlm-bm25-prf-1
Task	Document Ranking
Subtask	Full ranking
Topic type	Automatic
Used deep nn model?	No
Type of training	Unsupervised data/model
ORCAS data used for something other than training?	No
Training cost?	8 CPU hours/20G-RAM x multiple indexing experiments

Overall measures		Document Level Averages	
Number of topics	45		Precision
Total number retrieved	4500	At 5 docs	0.5867
Total relevant	1767	At 10 docs	0.4756
Total relevant retrieved	615	At 15 docs	0.4163
MAP	0.2720	At 20 docs	0.3689
Mean NDCG@10	0.4675	At 30 docs	0.2881
Mean NDCG@100	0.4679	R-Precision	
Mean Reciprocal Rank	0.8086	Exact	0.3071

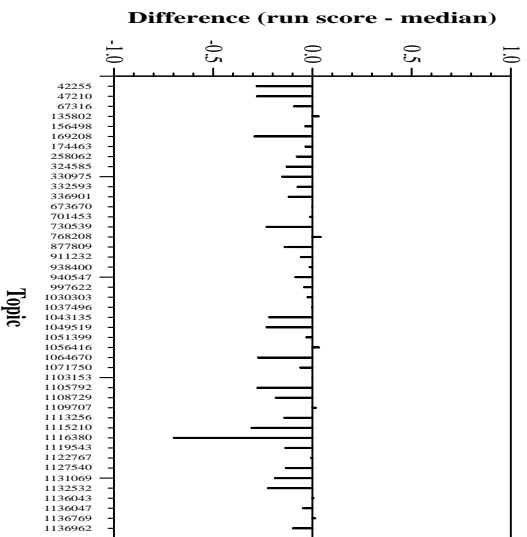




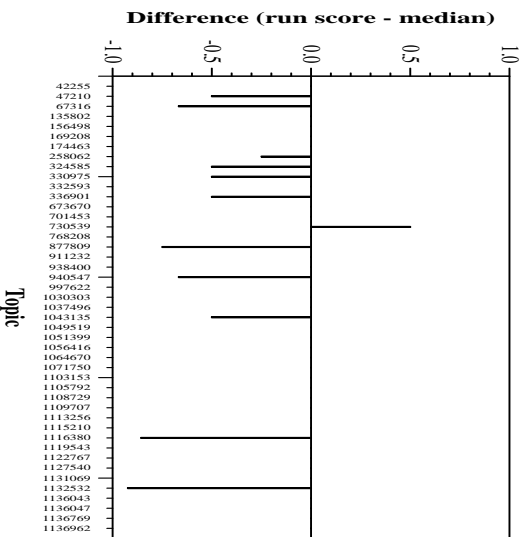
Per-topic difference from median for NDCG@10 for Document Ranking runs



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



Per-topic difference from median for NDCG@100 for Document Ranking runs



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