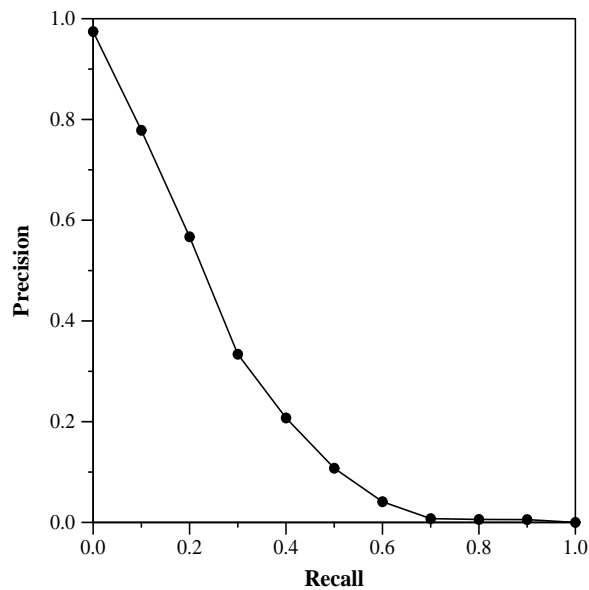
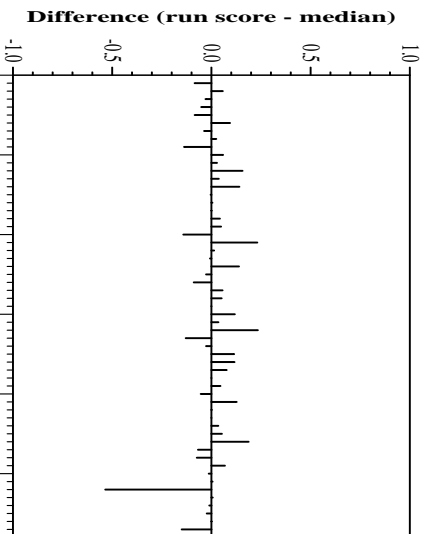


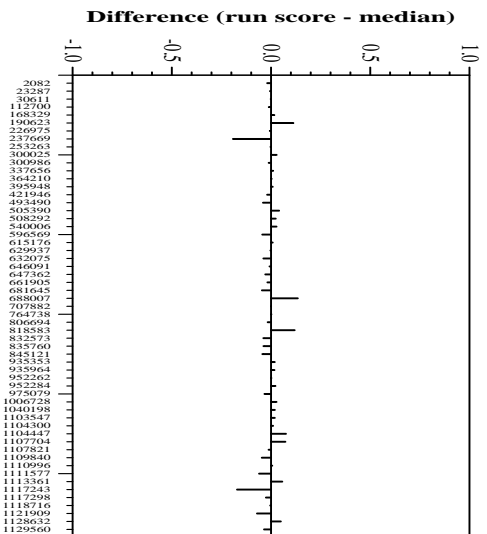
Run Description	
Run ID:	parade_bm25
Task:	Document Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	No
Used deep nn model?	Pre-trained model
Type of training:	This year's MS MARCO training data
Pre-processing/indexing cost:	Hardware: Intel(R) Xeon(R) Platinum 8160 CPU @ 2.10GHz, HDD Indexing for BM25: < 2 hours.
Query processing cost:	4 x Quadro RTX 8000 (48G). ~4 hours inference time (reranking top1k)

Overall measures		Document Level Averages	
Number of topics	57		Precision
Total number retrieved	5700	At 5 docs	0.8561
Total relevant	8203	At 10 docs	0.8088
Total relevant retrieved	2086	At 15 docs	0.7637
MAP	0.2490	At 20 docs	0.7228
Mean NDCG@10	0.6707	At 30 docs	0.6427
Mean Reciprocal Rank	0.9592	R-Precision	
		Exact	0.2975

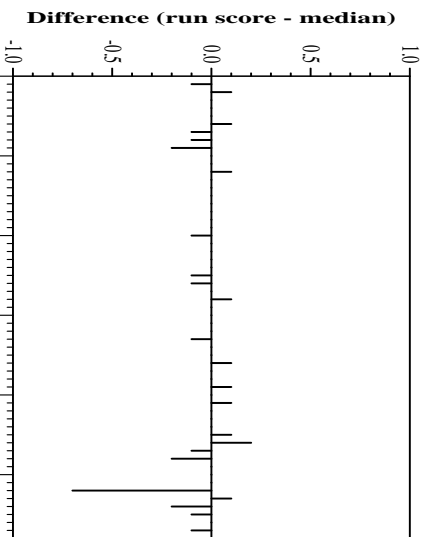




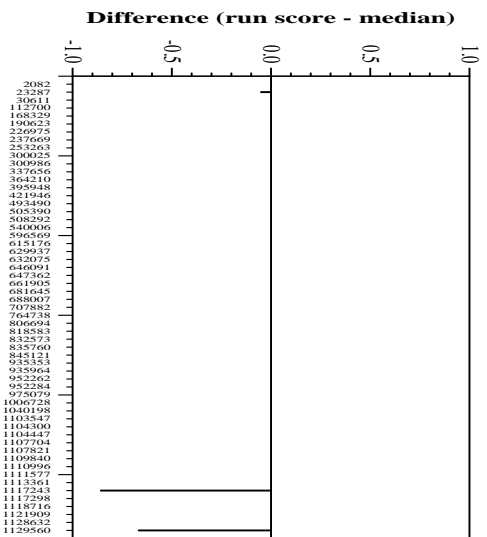
Per-topic difference from median for NDCG@10 for Document Ranking runs



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



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



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