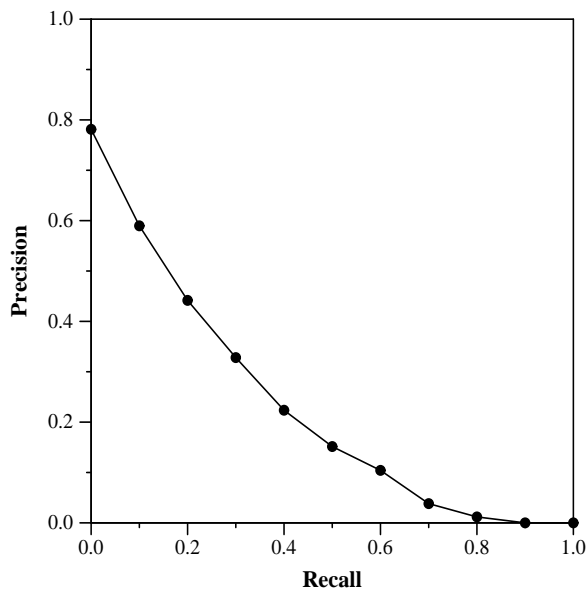
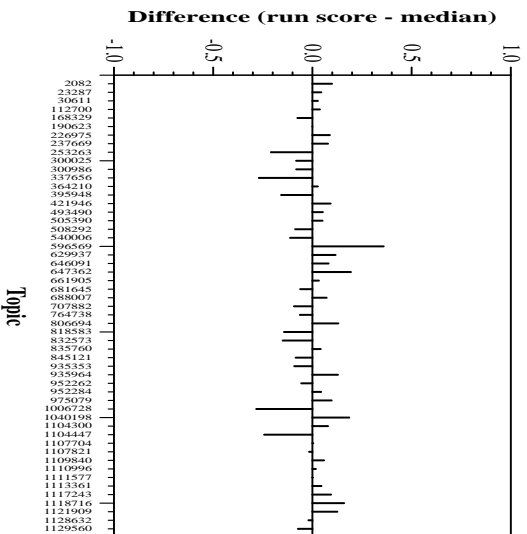


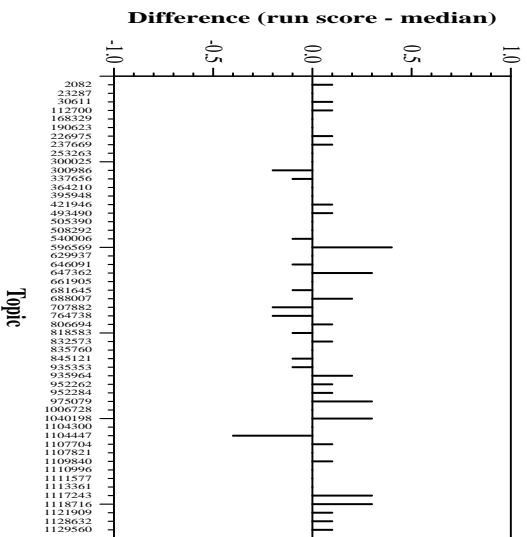
Run Description	
Run ID:	mono_d3
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	No
Used deep nn model?	Pre-trained model
Type of training:	This year's MS MARCO training data
Pre-processing/indexing cost:	Hardware: Intel(R) Xeon(R) Platinum 8160 CPU @ 2.10GHz, HDD Indexing for BM25: < 2 hours.
Query processing cost:	4 x Quadro RTX 8000 (48G). ~17 minutes inference time (reranking top1k)

Overall measures		Document Level Averages	
Number of topics	53		Precision
Total number retrieved	5300	At 5 docs	0.5925
Total relevant	3427	At 10 docs	0.5472
Total relevant retrieved	1049	At 15 docs	0.4943
MAP	0.2150	At 20 docs	0.4415
Mean NDCG@10	0.6037	At 30 docs	0.3818
Mean Reciprocal Rank	0.7341	R-Precision	
		Exact	0.2803

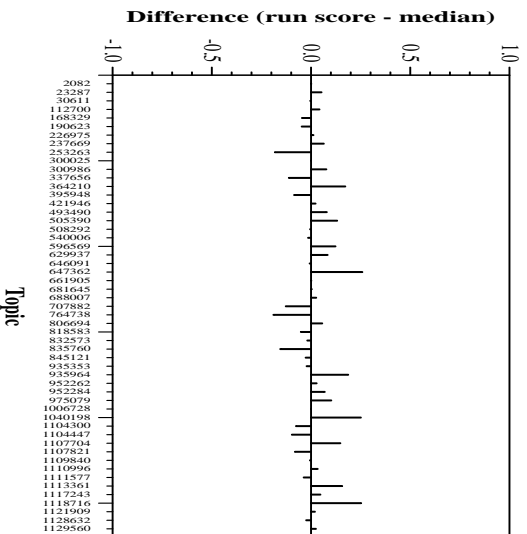




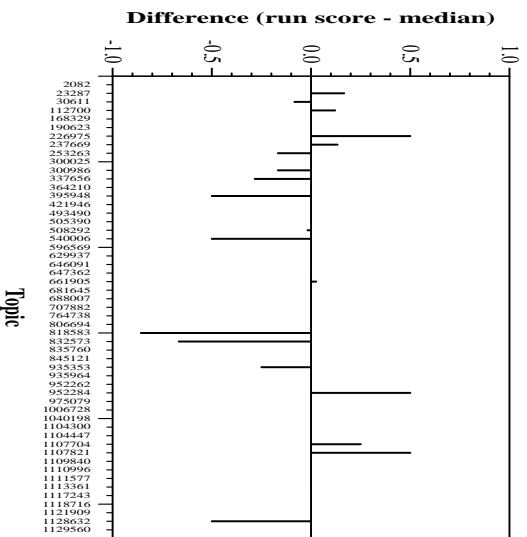
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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



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



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