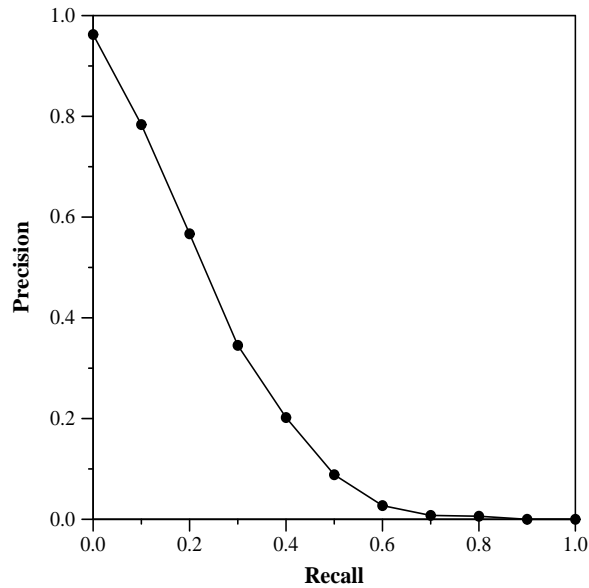
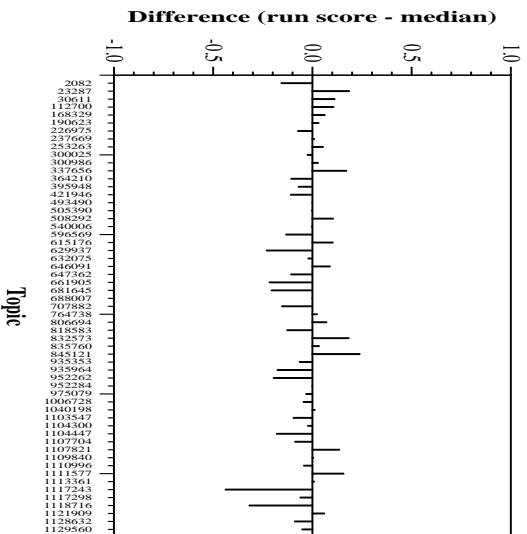


Deep Learning Track results — (Waterloo_Cormack) University of Waterloo

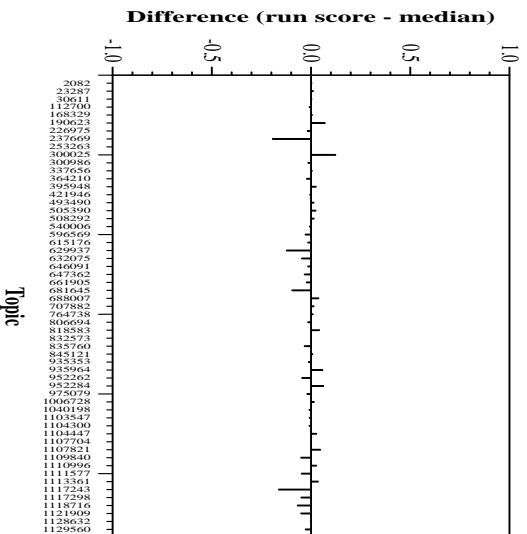
Run Description	
Run ID:	watdrp
Task:	Document Ranking
Subtask:	Reranking the official top 100
Topic type:	Automatic
Single-stage retrieval?	Yes
Dense retrieval?	Yes
Used deep nn model?	No neural representation learning
Type of training:	Non-MARCO training data
Pre-processing/indexing cost:	5 hours vectorization
Query processing cost:	1 hour, 80 threads, no GPU

Overall measures		Document Level Averages	
Number of topics	57		Precision
Total number retrieved	5433	At 5 docs	0.8737
Total relevant	8203	At 10 docs	0.8053
Total relevant retrieved	2023	At 15 docs	0.7579
MAP	0.2419	At 20 docs	0.7096
Mean NDCG@10	0.6307	At 30 docs	0.6386
Mean Reciprocal Rank	0.9386	R-Precision	
		Exact	0.2870

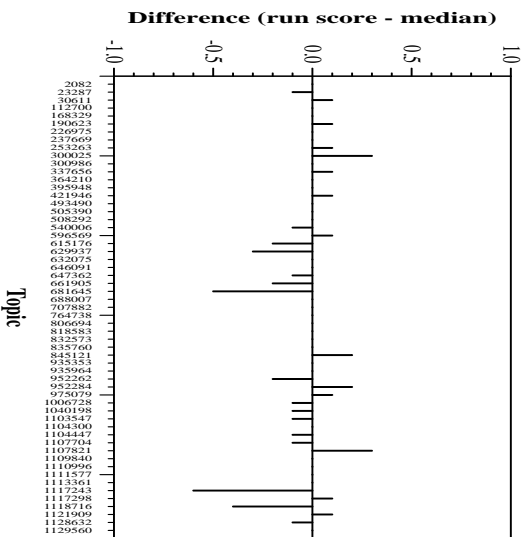




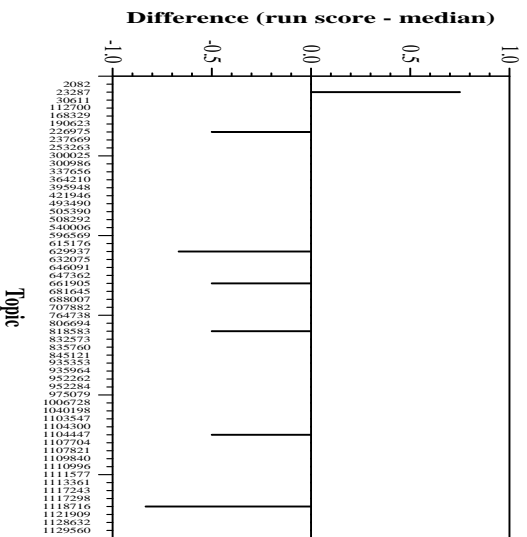
Per-topic difference from median for NDCG@10 for Document Ranking runs



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