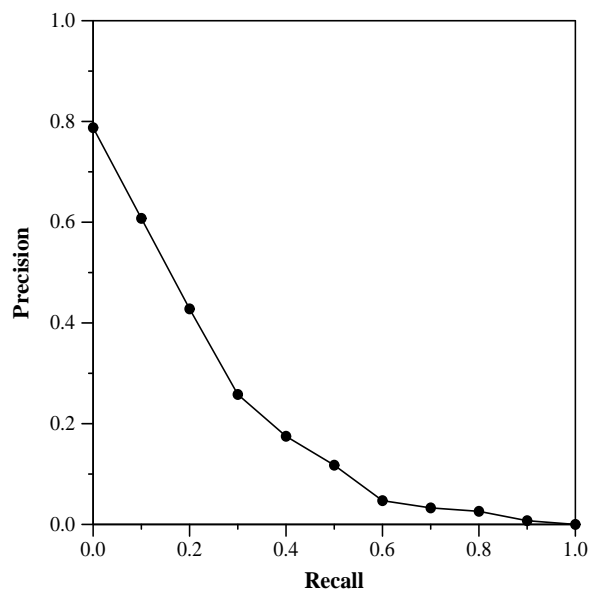
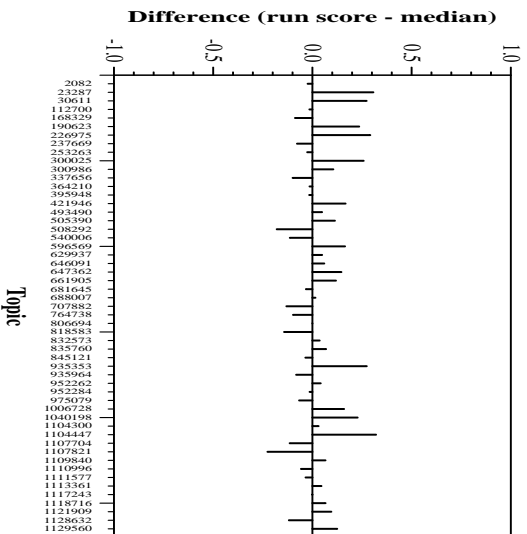


Deep Learning Track results — (h2oloo) University of Waterloo

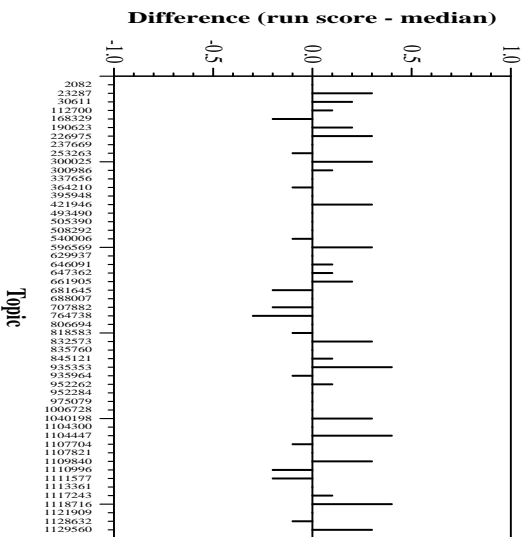
Run Description	
Run ID:	p_f10_mt53b
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	Yes
Used deep nn model?	Pre-trained model
Type of training:	This year's MS MARCO training data; Previous year's MS MARCO training data
Pre-processing/indexing cost:	Base run cost
Query processing cost:	mono - 1 hour on 1 TPU

Overall measures		Document Level Averages	
Number of topics	53		Precision
Total number retrieved	5300	At 5 docs	0.5849
Total relevant	3427	At 10 docs	0.5660
Total relevant retrieved	974	At 15 docs	0.4906
MAP	0.1992	At 20 docs	0.4387
Mean NDCG@10	0.6394	At 30 docs	0.3704
Mean Reciprocal Rank	0.7700	R-Precision	
		Exact	0.2555

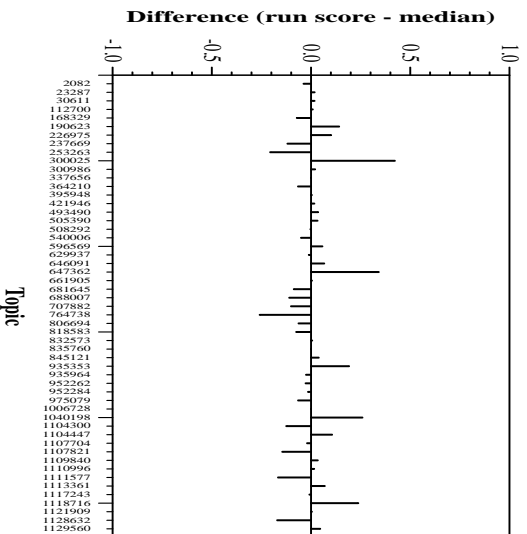




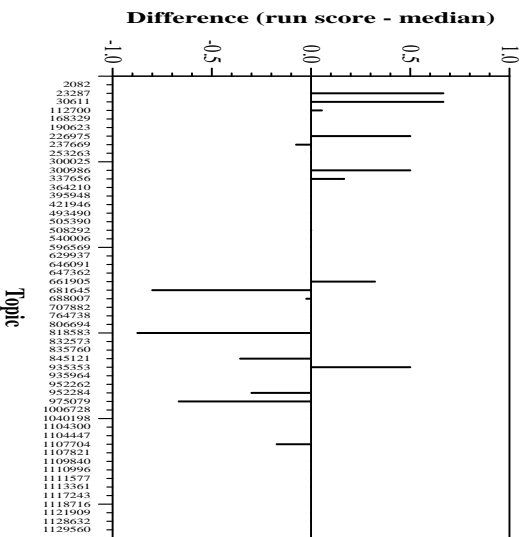
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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