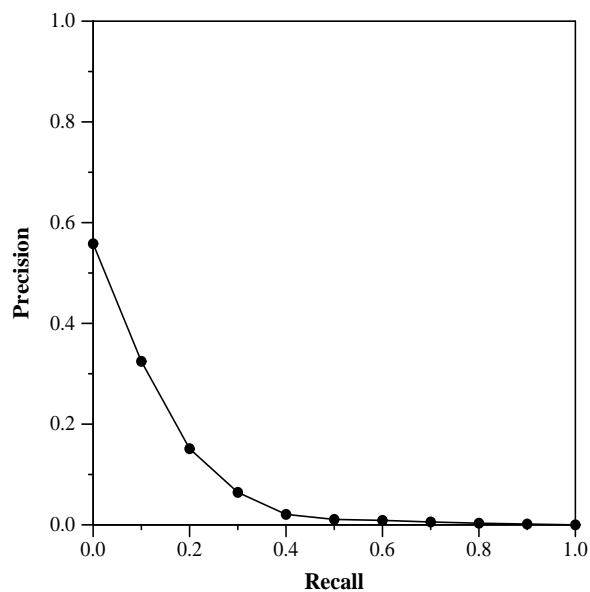
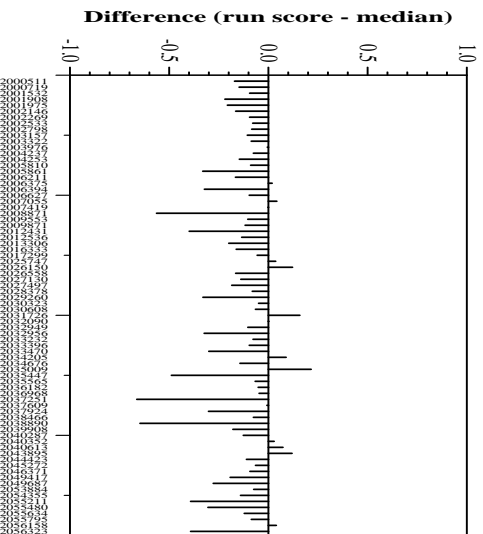


## Deep Learning Track results — (h2oloo) University of Waterloo

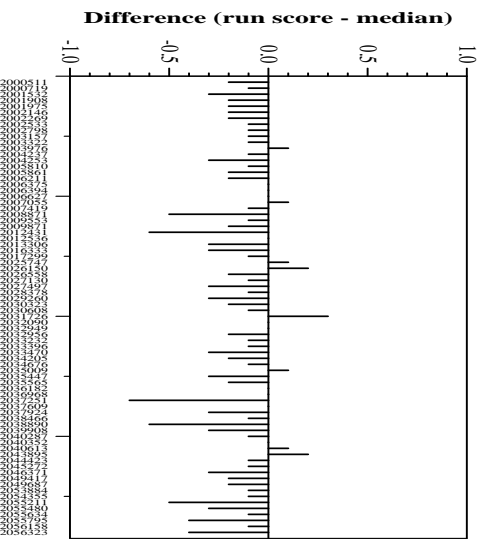
Run Description	
Run ID:	p_unicoil_noexp
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	Yes
Dense retrieval?	No
Baseline run?	Yes
Used deep nn model?	Pre-trained model
Type of training:	Previous year's MS MARCO training data
Training cost:	Training uniCOIL model.
Pre-processing/indexing cost:	Standard inverted indexing.
Query processing cost:	Query inference using uniCOIL model.

Overall measures		Document Level Averages	
Number of topics	76		Precision
Total number retrieved	6584	At 5 docs	0.3579
Total relevant	4613	At 10 docs	0.2816
Total relevant retrieved	806	At 15 docs	0.2474
MAP	0.0797	At 20 docs	0.2276
Mean NDCG@10	0.3962	At 30 docs	0.1934
Mean Reciprocal Rank	0.5271	R-Precision	
		Exact	0.1367

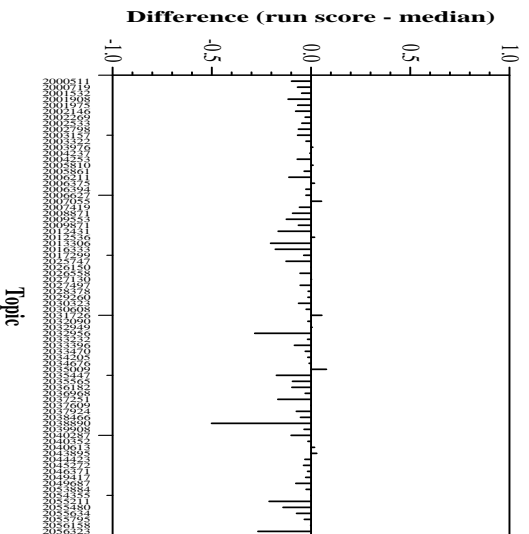




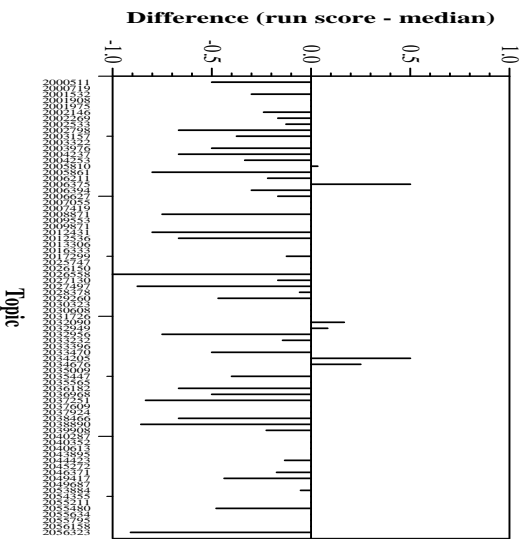
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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