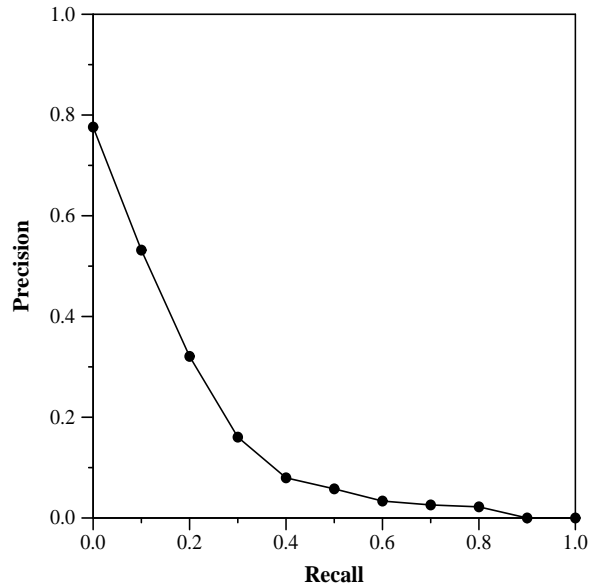
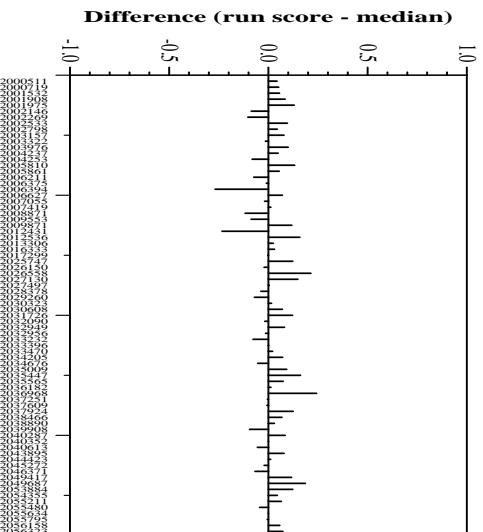


Deep Learning Track results — (UGA) Grenoble Alpes University

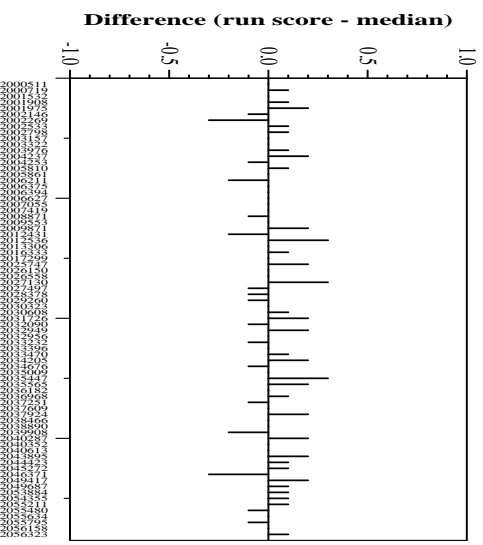
Run Description	
Run ID:	c47
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	Yes
Baseline run?	No
Used deep nn model?	Pre-trained model
Type of training:	This year's MS MARCO training data
Training cost:	All systems were pre-trained.
Pre-processing/indexing cost:	DPH uses Terrier indexing, Unicoil and BM25 use pre-trained systems provided by Anserini. Rer-ranking is done on-the-fly.
Query processing cost:	No GPU was needed

Overall measures		Document Level Averages	
Number of topics	76		Precision
Total number retrieved	6847	At 5 docs	0.5474
Total relevant	4613	At 10 docs	0.4671
Total relevant retrieved	1010	At 15 docs	0.4140
MAP	0.1552	At 20 docs	0.3671
Mean NDCG@10	0.5614	At 30 docs	0.3088
Mean Reciprocal Rank	0.7244	R-Precision	
		Exact	0.2190

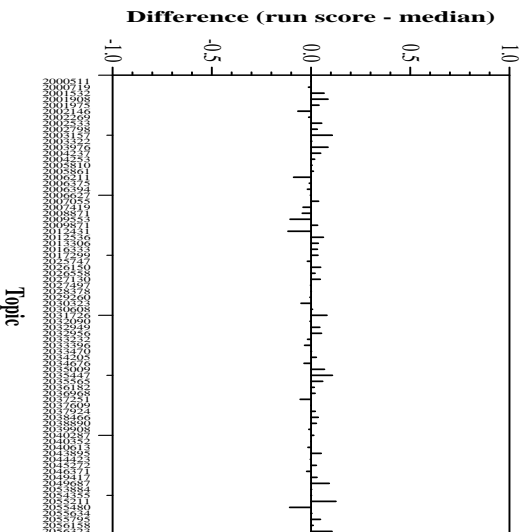




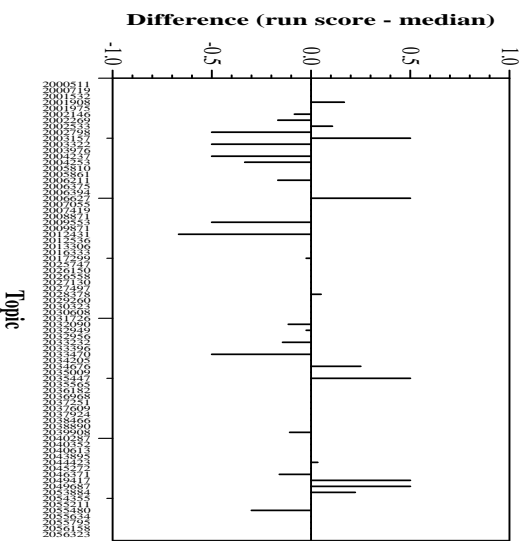
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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