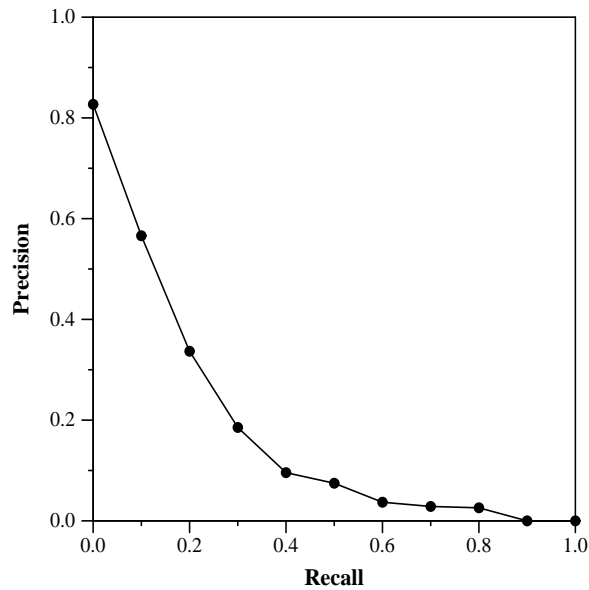
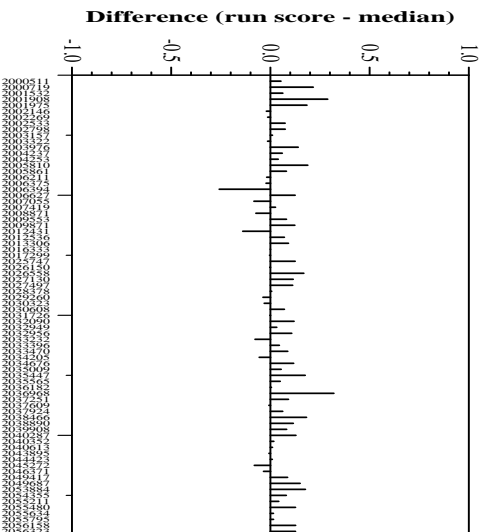


Deep Learning Track results — (UGA) Grenoble Alpes University

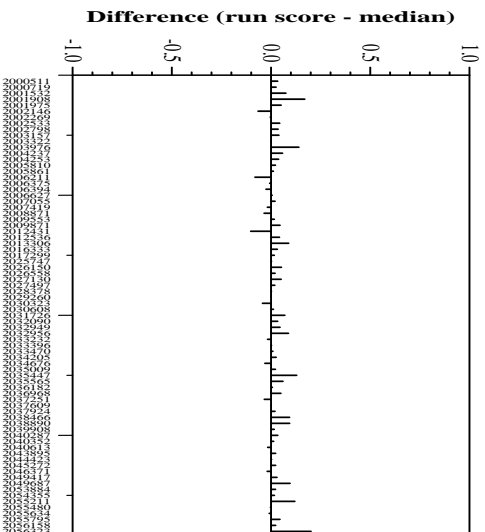
Run Description	
Run ID:	2systems
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	Yes
Baseline run?	No
Used deep nn model?	Pre-trained model
Type of training:	This year's MS MARCO training data
Training cost:	All models were pre-trained.
Pre-processing/indexing cost:	The indexes provided by Pyserini were used
Query processing cost:	Reranking was done on the fly

Overall measures		Document Level Averages	
Number of topics	76		Precision
Total number retrieved	6847	At 5 docs	0.5816
Total relevant	4613	At 10 docs	0.4974
Total relevant retrieved	1010	At 15 docs	0.4430
MAP	0.1680	At 20 docs	0.3947
Mean NDCG@10	0.5901	At 30 docs	0.3272
Mean Reciprocal Rank	0.7761	R-Precision	
		Exact	0.2319

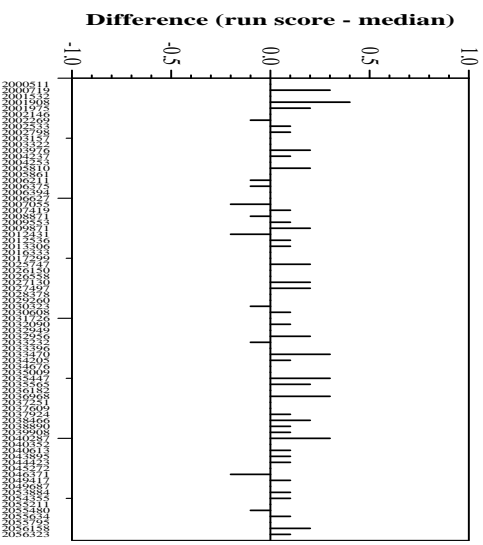




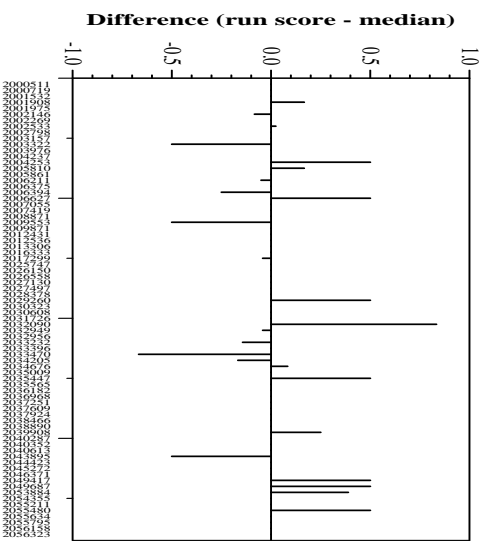
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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



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



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