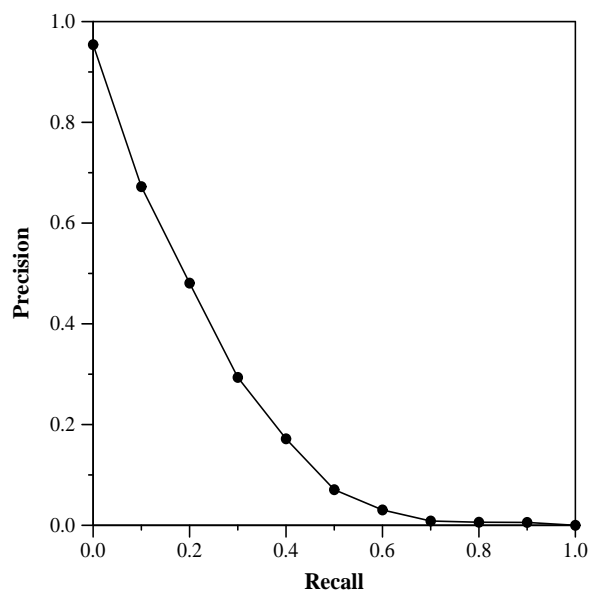
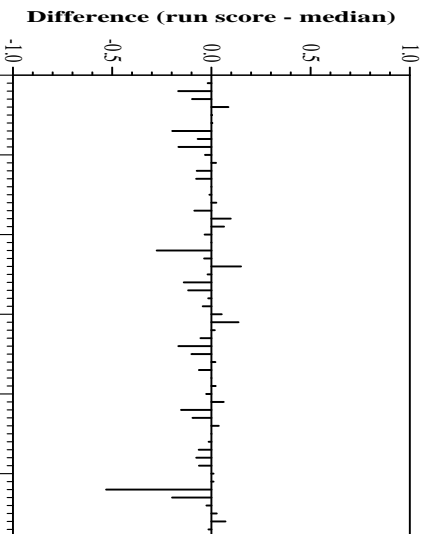


Deep Learning Track results — (ALIBABA) Alibaba Group

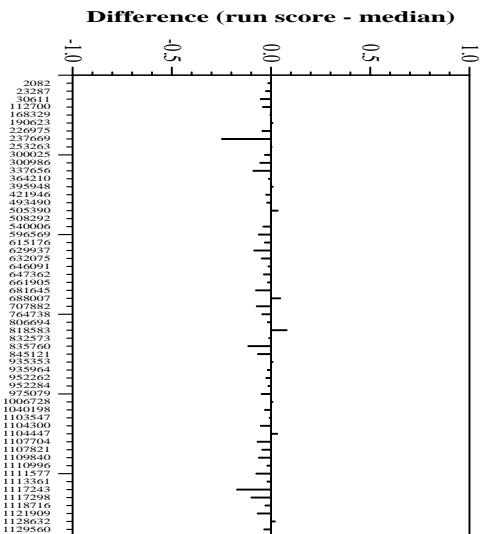
Run Description	
Run ID:	doc_rank_100
Task:	Document Ranking
Subtask:	Reranking the official top 100
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	Yes
Used deep nn model?	Pre-trained model
Type of training:	This year's MS MARCO training data
Pre-processing/indexing cost:	-1
Query processing cost:	-1

Overall measures		Document Level Averages	
Number of topics	57		Precision
Total number retrieved	5700	At 5 docs	0.8070
Total relevant	8203	At 10 docs	0.7386
Total relevant retrieved	2086	At 15 docs	0.6620
MAP	0.2168	At 20 docs	0.6263
Mean NDCG@10	0.6175	At 30 docs	0.5637
Mean Reciprocal Rank	0.9392	R-Precision	
		Exact	0.2829

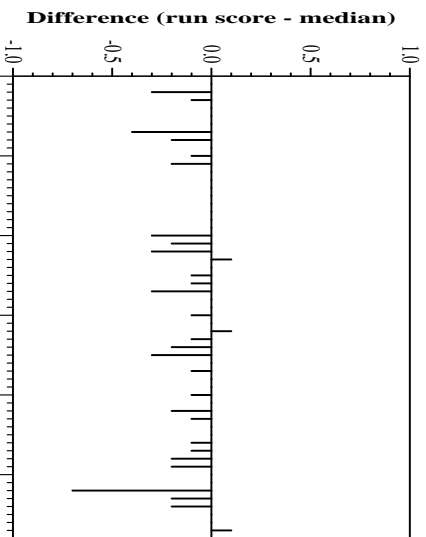




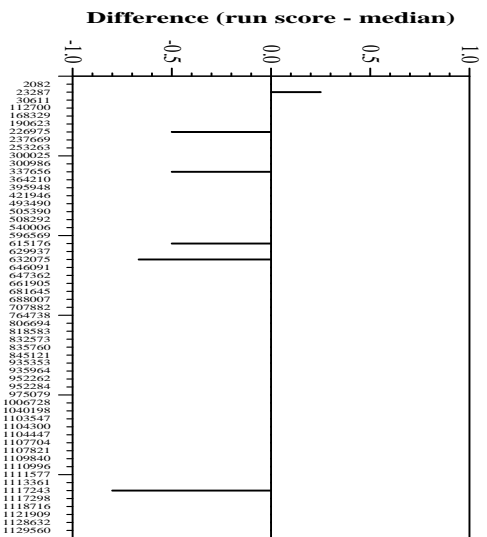
Per-topic difference from median for NDCG@10 for Document Ranking runs



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