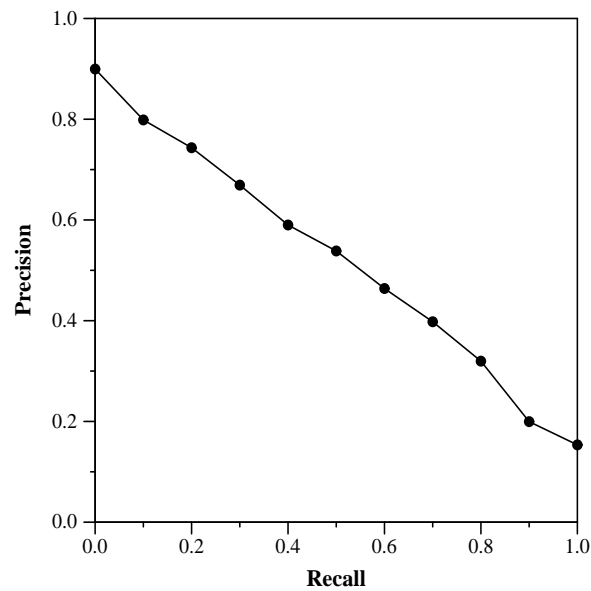
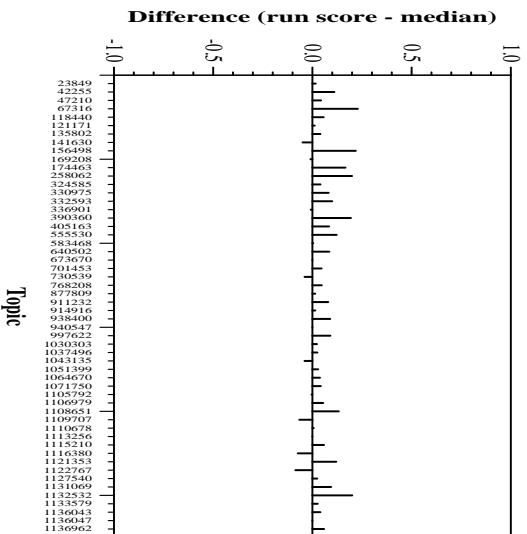


Deep Learning Track results — (NLE) Naver Labs Europe

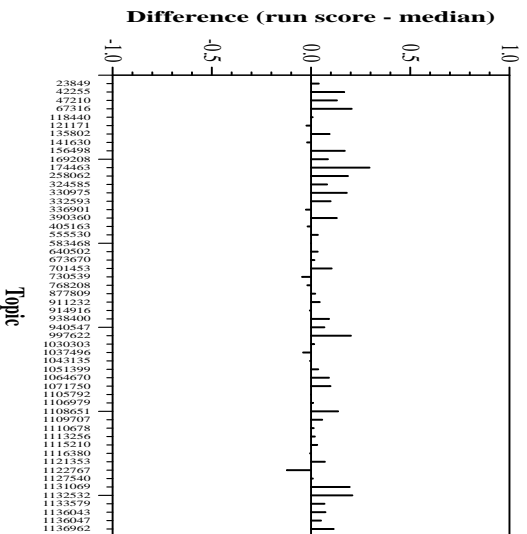
Run Description	
Run ID	NLE_pr1
Task	Passage Ranking
Subtask	Full ranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Unsupervised data/model; Used passage task training labels
ORCAS data used for something other than training?	No
Training cost?	* training time: 5 days * hardware: 4 TESLA V100

Overall measures		Document Level Averages	
Number of topics	54		Precision
Total number retrieved	54000	At 5 docs	0.6815
Total relevant	1666	At 10 docs	0.5667
Total relevant retrieved	1061	At 15 docs	0.4840
MAP	0.5050	At 20 docs	0.4352
Mean NDCG@10	0.7325	At 30 docs	0.3599
Mean NDCG@1000	0.6785	R-Precision	
Mean Reciprocal Rank	0.8551	Exact	0.5037

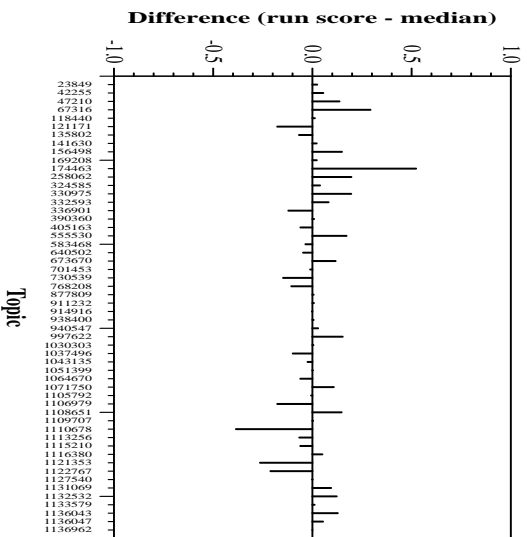




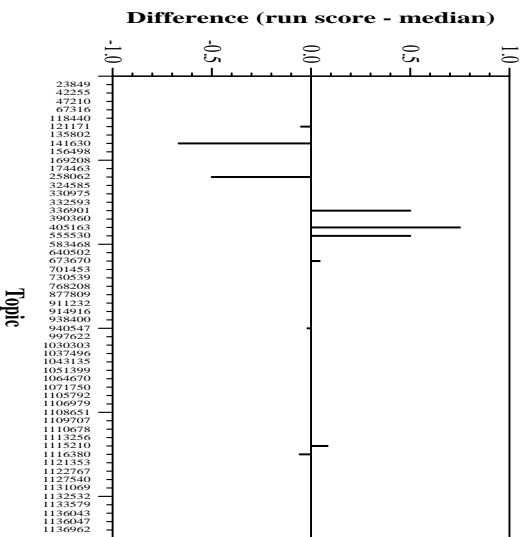
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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



Per-topic difference from median for NDCG@1000 for Passage Ranking runs



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