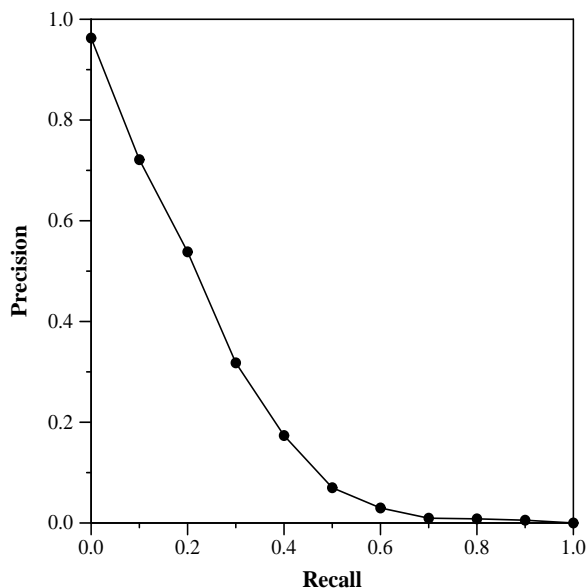
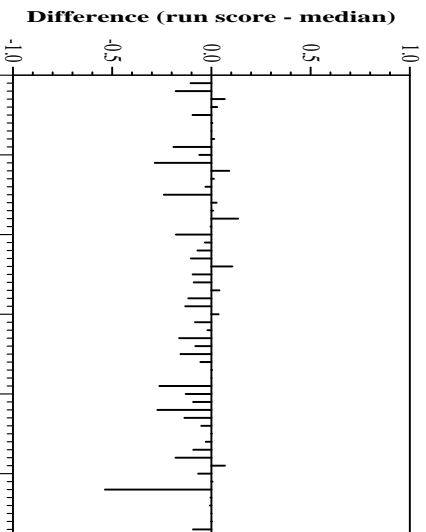


Deep Learning Track results — (Webis) Webis@Halle, Leipzig, Weimar

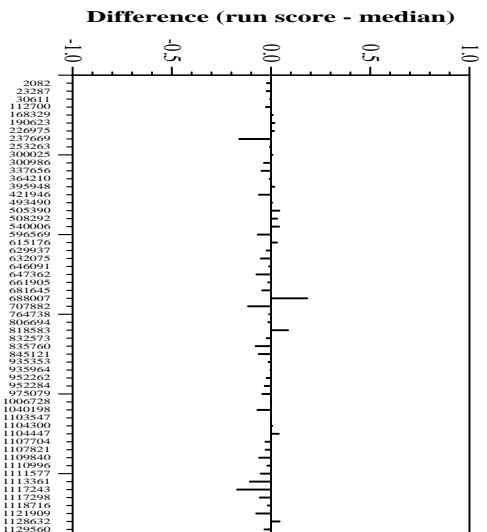
Run Description	
Run ID:	webis-dl-3
Task:	Document Ranking
Subtask:	Reranking the official top 100
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	No
Used deep nn model?	No neural representation learning
Type of training:	This year's MS MARCO training data
Pre-processing/indexing cost:	We have created 4 Anserini indices (for each of the 4 types of text one index). I cant exactly remember the indexing time, think it was around 30 minutes on 12 Cores (AMD EPYC 7F72 Processor) per index.
Query processing cost:	It took 6 hours to generate the features for all queries (training, dev1, dev2, and test) with 12 cores (AMD EPYC 7F72 Processor).

Overall measures		Document Level Averages	
Number of topics	57		Precision
Total number retrieved	5700	At 5 docs	0.8105
Total relevant	8203	At 10 docs	0.7456
Total relevant retrieved	2086	At 15 docs	0.7099
MAP	0.2305	At 20 docs	0.6702
Mean NDCG@10	0.5918	At 30 docs	0.6023
Mean Reciprocal Rank	0.9488	R-Precision	
		Exact	0.2854

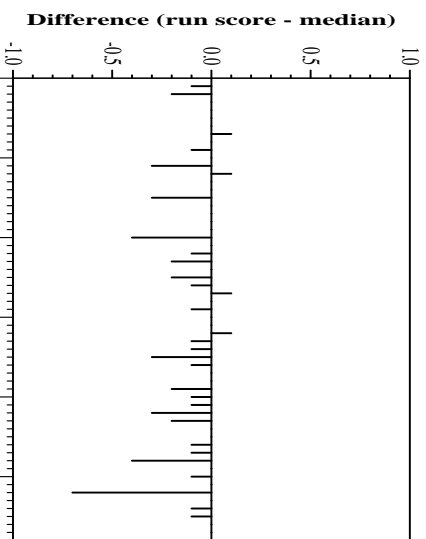




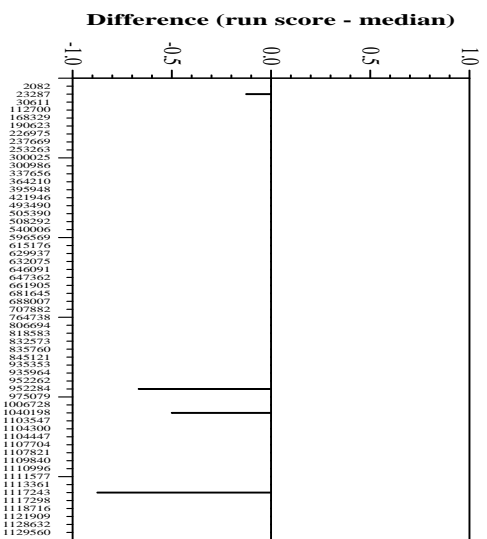
Per-topic difference from median for NDCG@10 for Document Ranking runs



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