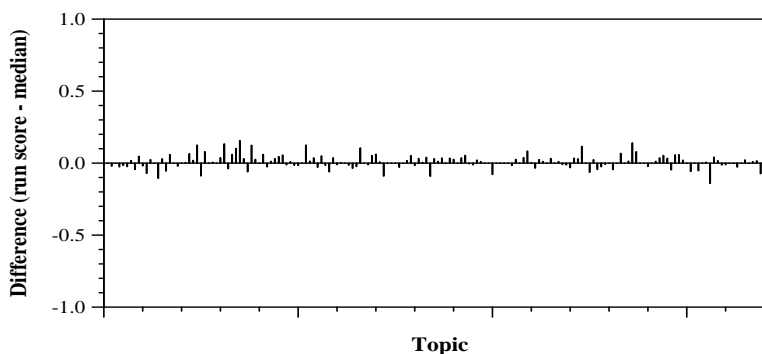
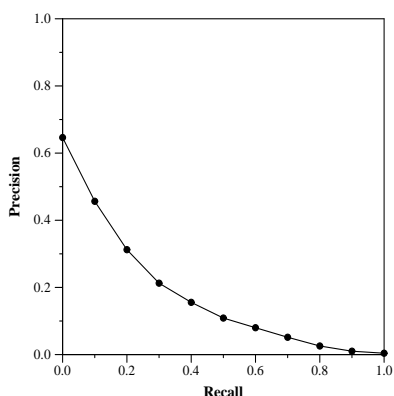


Conversational Assistance Track results — (mpii) Max Planck Institute for Informatics (Yates)

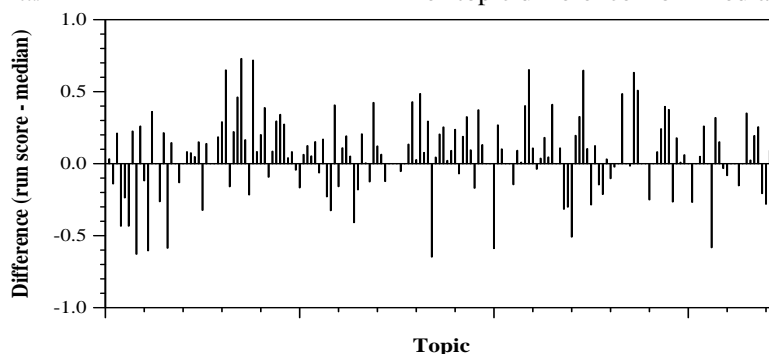
Run Description	
Run ID	mpi_bert
Topic type	Automatic
Conversation Understanding	NLP toolkit; entity linking; coreference resolution; deep learning
Ranking Features	knowledge graph; learning-to-rank; deep learning; trained on external MS MARCO dataset; trained on other datasets
Context Features	previous turns; other form

Overall measures	
Number of topics	173
Total number retrieved	133425
Total relevant	8120
Total relevant retrieved	4192
MAP @ 5	0.0420
Mean NDCG @ 5	0.3180
Mean NDCG @ 1000	0.3837

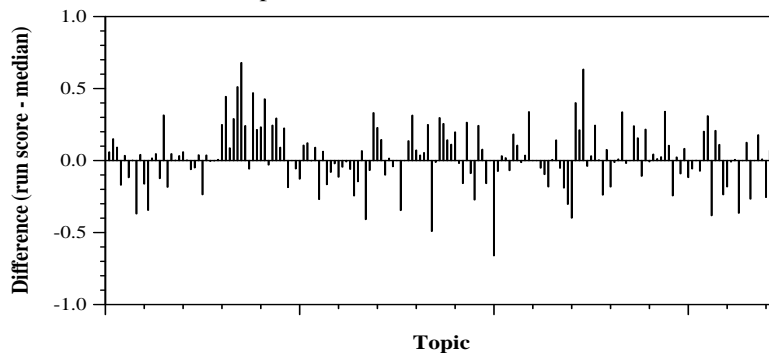
Document Level Averages	
	Precision
At 5 docs	0.4509
At 10 docs	0.4266
At 15 docs	0.3549
At 20 docs	0.3185
At 30 docs	0.2645



Per-topic difference from median AP@5



Per-topic difference from median NDCG@5



Per-topic difference from median NDCG@1000