

Run Description	
Run ID:	UWCmanual22
Category:	manually rewritten utterances
Query understanding method:	performs generative query rewriting (CQR), including models like BART/T5
Query understanding data:	uses CAST Y4 provided manually rewritten utterances (note: this makes it a manual run)
Ranking method:	uses traditional unsupervised sparse retrieval (e.g. QL, BM25, etc.); uses a dense retrieval model (e.g. DPR, ANCE, ColBERT, etc.); uses hybrid or fusion of sparse/dense retrieval approaches; performs re-ranking with a pre-trained neural language model (BERT, Roberta, T5, etc.)
Ranking data:	is trained with TREC Deep Learning Track and/or MS MARCO dataset
Initiative:	does not treat them specially
Response generation:	uses single source (single passage); uses supervised generative summarization (e.g. PEGASUS or similar)

Note: all P/R scores follow the strict criterion $rel \geq 2$. NDCG gains are the rel values.

Overall measures	
Number of turns	163
Total number retrieved	163000
Total relevant	12318
Total relevant retrieved	4365
MAP	0.2936
Mean NDCG@3	0.5011
Mean NDCG@20	0.5076
Mean Precision@1	0.5951
Mean Precision@3	0.5460

Document Level Averages	
Precision	
At 5 docs	0.5153
At 10 docs	0.4975
At 20 docs	0.4543

R-Precision	
Exact	0.3350

