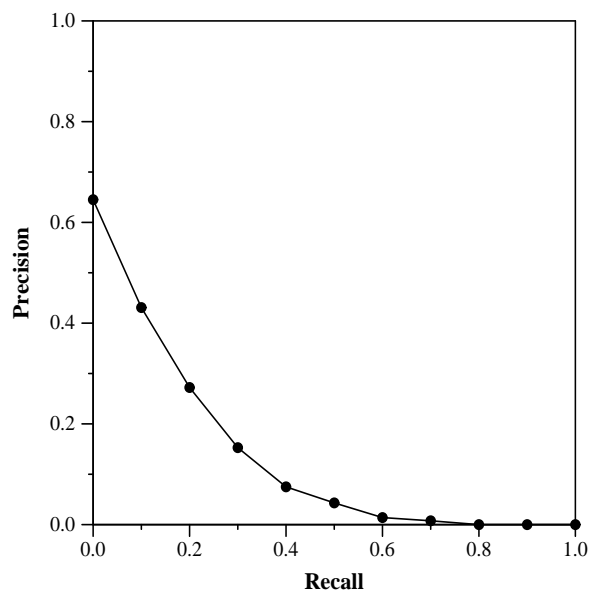


Conversational Assistance Track results — (CNR) CNR

Run Description	
Run ID	CNR-run3
Submission Category	Raw utterance only
Query Method Features	method does not use any training data (i.e., unsupervised); method uses a standard NLP toolkit; method performs query expansion; method performs generative query rewriting
Query Data Features	method uses CAsT Y3 provided automatically rewritten utterances
Passage Ranking Method Features	method uses only unsupervised retrieval; method uses a pre-trained neural language model
Passage Ranking Data Features	method is trained with TREC Deep Learning Track and/or MS MARCO dataset
Conversational Context Features	method uses previous automatically rewritten utterances (queries) in the topic

Overall measures		Document Level Averages	
Number of topics	158		
Total number retrieved	22773		
Total relevant	5505		
Total relevant retrieved	969		
Mean NDCG @ 3	0.3490	At 5 docs	0.4658
Mean NDCG @ 5	0.3395	At 10 docs	0.3652
Mean NDCG @ 500	0.2218	At 15 docs	0.2848
MAP @ 500	0.1256	At 20 docs	0.2380
		At 30 docs	0.1766



Conversational Assistance Track results — (CNR) CNR

