

Conversational Assistance Track results — (USI) Universita della Svizzera italiana

| Run Description | |
|---------------------------------|---|
| Run ID | rewrite_albert |
| Submission Category | Raw utterance only |
| Query Method Features | method performs generative query rewriting |
| Query Data Features | method uses CAsT Y2 provided automatically rewritten utterances |
| Passage Ranking Method Features | method uses a pre-trained neural language model |
| Passage Ranking Data Features | method is trained with CAsT Y1 dataset; 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 | 208 | | |
| Total number retrieved | 208000 | | |
| Total relevant | 6670 | | |
| Total relevant retrieved | 3792 | | |
| Mean NDCG @ 3 | 0.3389 | At 5 docs | 0.4010 |
| Mean NDCG @ 5 | 0.3204 | At 10 docs | 0.3688 |
| Mean NDCG @ 1000 | 0.3892 | At 15 docs | 0.3378 |
| MAP | 0.2203 | At 20 docs | 0.3046 |
| | | At 30 docs | 0.2611 |



