

Task 1: Collection

- Previous test collections were found to be insufficient
 - Not made publicly available, too small
- This lead me to create a collection of approximately 150 topics from systematic reviews
- One other collection has since been made available, however:
 - it is not as representative of systematic reviews (it only contains reviews about diagnostic test accuracy)
 - is smaller (50 topics)
- This work was published in SIGIR 2017 as a collection paper

Task 2: Query Formulation

- I have so far investigated two methods for query formulation:
 - query variation performance prediction (QVPP)
 - generating better queries through “transformation chains”
- Both have been submitted to SIGIR 2018 as a short paper and full paper respectively