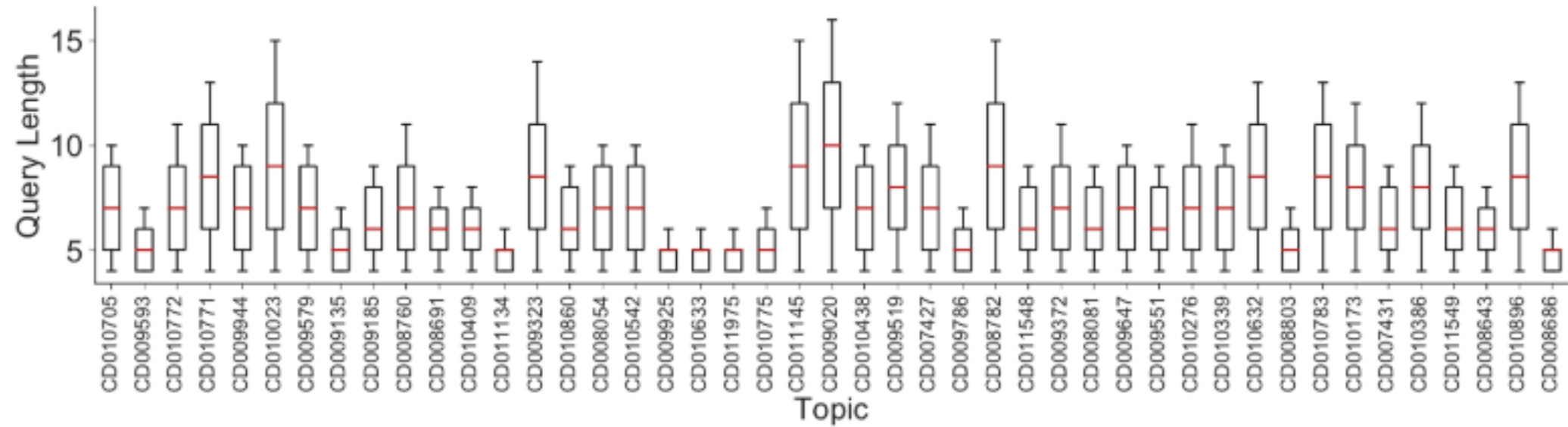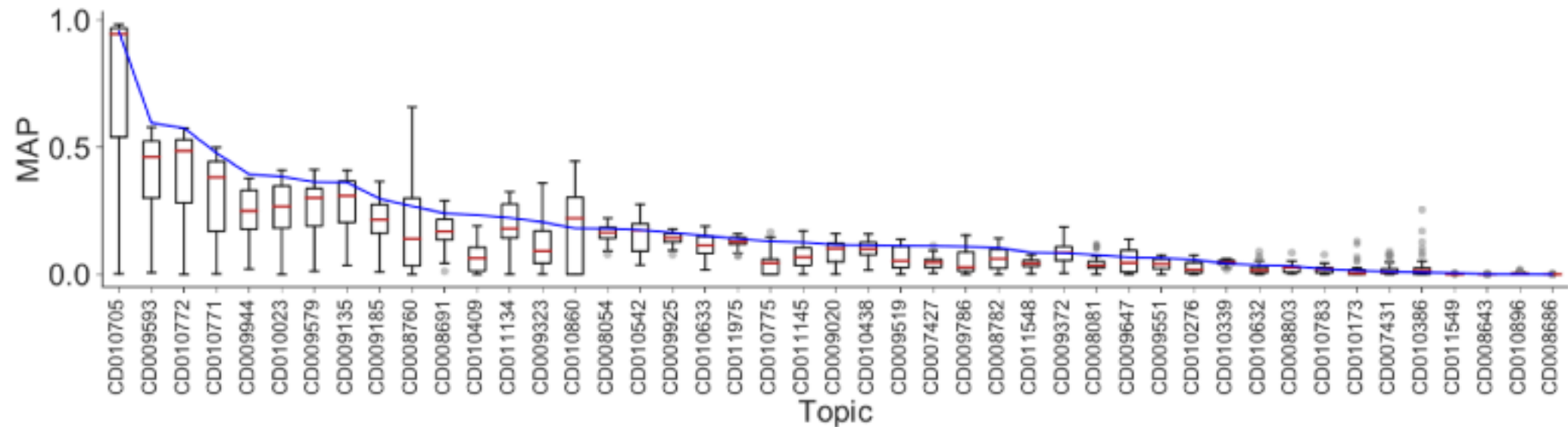# "Seed" Query Statistics

(a) Distribution of query lengths across topics.



(b) Distribution of MAP for query variations (boxplots) and seed queries (in blue) across topics.

**Figure 7.1:** Distribution of query lengths and MAP scores over each topic. Both sub figures are ordered by MAP score.

# Method

- 16 QPPs used to estimate query effectiveness

  - 12 pre-retrieval, 4 post-retrieval

- compare the ability of predictors for

  - QPP task

  - QVPP task

- For QVPP, rank query variations using QPP measures