

Candidate Selectors

- Classifier:
 - Selects a number of queries (not just P@1) that are predicted to be better than the original query (for an evaluation measure)
 - Implemented using LIBSVM
- Ranker:
 - Ranks queries that are predicted to be better (P@1) than the original query (for an evaluation measure)
 - Implemented using SVM^{rank}

Results

- Oracle performs best for each optimised eval measure
 - e.g. oracle optimised for recall **outperforms** all other selectors
- All selectors improve over baseline measures
 - difficult to beat **recall and WSS**
 - oracle recall and WSS only improved baseline by **only approx. 10%**, all other measures see **>200%-600% improvement**