

# TREC 2013 Crowdsourcing Track Results

Group: (udel) University of Delaware

Run ID: udelJudge5

Task: Standard

Run type: Primary

Description of run:

Fully automated run using 3 search engines on the pool of docs. Rules based on the position of a document for a topic in each of the 3 systems' ranking determines whether a document is relevant or not. Each udelJudgeX run has rules slightly different from the other udelJudgeY runs.

## Results

Evaluation of crowd qrel **udelJudge5** for the Basic task of the TREC 2013 Crowdsourcing Track. The 10 topics for the basic task were randomly selected from the TREC 2013 web track ad-hoc task.

Topic	#Docs	GAP	$\tau_{AP}$ (APCorr)	RMSE
202	231	0.036	-0.026	0.232
214	305	0.638	0.326	0.127
216	387	0.565	-0.003	0.219
221	368	0.535	0.088	0.172
227	246	0.113	-0.240	0.467
230	172	0.273	-0.269	0.162
234	298	0.584	0.090	0.188
243	342	0.242	0.505	0.363
246	202	0.484	0.227	0.344
250	207	0.094	-0.183	0.226
all	2758	0.356	-0.172	0.155

Table 1: This table shows per-topic statistics and overall averages for the run udelJudge5. The metrics GAP, ERR@20, AP-correlation and RMSE are listed for each topic. Note that for row *all*, (i) GAP is the mean gap over all 10 topics, (ii) APCorr and RMSE depend on the ranking of runs induced by the mean ERR@20 for *all* the 10 topics.

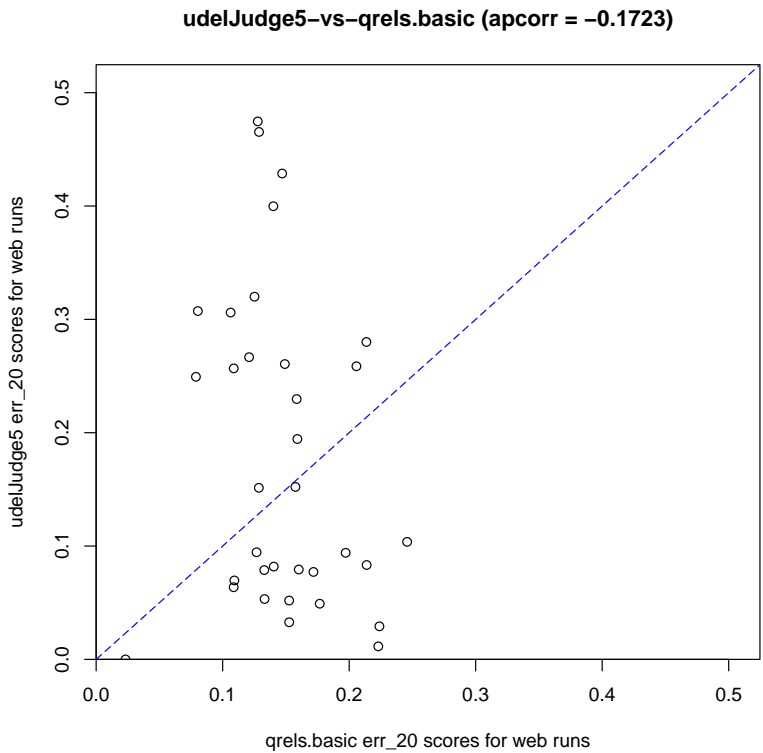


Figure 1: udelJudge5-basic-ERR@20 vs qrels.basic-ERR@20. *qrels.basic* is the TREC 2013 web track qrels reduced to topics 202, 214, 216, 221, 227, 230, 234, 243, 246, and 250.