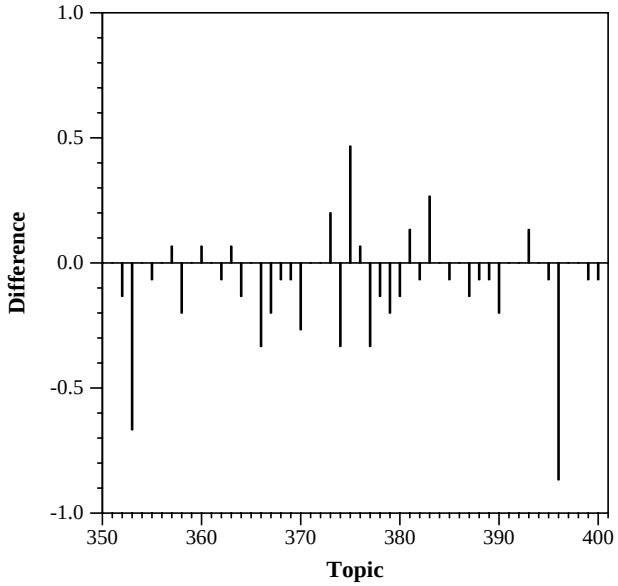
High Precision results — CUNY

Summary Statistics	
Run Number	pirc8Ha
Number of Topics	50
Total number of documents over all topics	
Retrieved:	750
Relevant:	4674
Rel-ret:	358

Means over 50 topics	
Precision at 15 Docs:	0.4773
Relative-Precision at 15 Docs:	0.4839
Unranked-Avg-Precision at 15 Docs:	0.0764



Precision(15) Difference from Median per Topic

Evaluation Measures

Precision at 15: The percentage of documents retrieved in the top fifteen that are relevant. If fewer than 15 documents are retrieved, then all missing documents are assumed to be non-relevant. Precision considers each retrieved relevant document to be equally important, no matter if is retrieved for a query with 500 relevant documents or a query with two relevant documents.

Relative Precision at 15: The precision after fifteen documents relative to the maximum precision possible at that point. For example, if there are 5 relevant documents and 3 of those are retrieved, then Precision at 15 is .2, but the Relative-Precision is .2/.33 or .06. Relative-Precision considers each query to be equally important. Thus a query with only 5 relevant documents has the same maximum score of 1.0 as a query with fifteen or more relevant documents.

Unranked-Average Precision at 15: Similar to the standard TREC "average precision" measure, with all retrieved relevant documents getting a precision value of the retrieved set (i.e., $r/15$ where r is the number of relevant documents retrieved). All non-retrieved relevant documents get a precision value of 0. This measure is actually directed at unranked evaluation where the size of the retrieved set is under the control of the user, and is not completely appropriate for the High Precision track. It is included to gain more operational experience with the measure, and to see if it offers insights into the results.