Results

Full Name	UNH id	Webcat Username
Austin Fishbaugh	986886495	amf2015
Bindu Kumari	978952599	bk1044
Daniel Lamkin	952018235	Dtl2000
Kevin Zhang	974525364	kz1021

1. Produce Features for Learning to Rank

1. Features Data Example:
   0 qid:1 1:1 2:0 3:1 4:1 #
   1 qid:1 1:.5 2:1 3:.5 4:.5 #
2. MAP on training data: 1.0

2. Combine Different Ranking Functions

For query **Brush%20rabbit**, the contents of top-ranked paragraph are in file **/output/paraContent.txt**

3. Graduate Students: Other Features

1. If document will not be contained in the Ranking the default value will be assigned as -infinity as all other scores will be negative and our default score should be less than that.

2. Suppose Jelinek-Mercer consists of two feature value which is p(Q|d) and p(Q|corpus). when we will train it with Learning to rank algorithm it will give us two values, which is lamda1 and lambda2(where lambda2 will be (1-lambda1)).
   when we get lamda value we can substitute value in our equation and check which lamda value is giving good result.
   And based on lambda value we can optimize our result.