

Technical Report 5: Naive Bayes

1 Classification Error

After training on the full training set (700 documents), there are 5 misclassifications. This amounts to 1.9% of the test set.

2 Smaller Training Set

The results of applying smaller training sets are as follows

# of training documents	# of misclassifications	Percentage
50	7	2.7%
100	6	2.3%
400	6	2.3%