Experiment Number	Parameters Chosen	Results
1	Logistic Regression with negative log likelihood loss Feature: TFIDF of dimension 20505 Number of classes: 3 Weight (including bias) matrix dimension: 20506 x 3	Train/ Test split: *80 / 20* Train Accuracy: 0.88 Test Accuracy: 0.848
2	Logistic Regression with negative log likelihood loss and l2 regularization Feature: TFIDF of dimension 20505 Number of classes: 3 Weight (including bias) matrix dimension: 20506 x 3	Train/ Test split: *80 / 20* Train accuracy: 0.891 Test Accuracy: 0.85
3	Logistic Regression with negative log likelihood loss and l1 regularization Feature: TFIDF of dimension 20505 Number of classes: 3 Weight (including bias) matrix dimension: 20506 x 3	Train/ Test split: *80 / 20* Train accuracy: 0.77 Test Accuracy: 0.77
4	Naïve Bayes Classification Number of classes: 3	Train/ Test split: *80 / 20* Train accuracy: 0.68 Test Accuracy: 0.59

Accuracies reported are (count of correct total predictions) / (count of datapoints)