|  |  |  |  |
| --- | --- | --- | --- |
|  | **Precision** | **Recall** | **F-Measure** |
| **Best Bayes** | .566265060241 | .00422054597701 | 0.00837864337285 |
| **Bayes** | .00310981535471 | .0036563071298 | .00336099149249 |

We could improve the performance of our system by integrating a combination of unigrams and bigrams and balance out the negative/positive ratio of files in our initial sample. While we implemented add one smoothing, further tactics could be applied to create a more accurate sample file base. Another thing we could do to improve the system would be to create a more comprehensive stopwords array to better filter the several n-grams classify calls.