Results for both datasets with a Gaussian Naive Bayes (without the ‘Other’ class):

| South Park  Naive Bayes: Gaussian  Without Other | Baseline | Unigram | Bigram | Trigram |
| --- | --- | --- | --- | --- |
| Characters: 3 | 0,4 | 0,4 | **0,61** | 0,57 |
| Characters: 5 | 0,33 | 0,58 | **0,61** | 0,57 |
| Characters: 7 | 0,31 | 0,58 | **0,61** | 0,57 |
| Characters: 10 | 0,29 | 0,58 | **0,61** | 0,57 |

| Game of Thrones  Naive Bayes: Gaussian  Without Other | Baseline | Unigram | Bigram | Trigram |
| --- | --- | --- | --- | --- |
| Characters: 3 | 0,45 | 0,49 | **0,6** | 0,53 |
| Characters: 5 | 0,3 | **0,65** | 0,6 | 0,53 |
| Characters: 7 | 0,24 | **0,65** | 0,6 | 0,53 |
| Characters: 10 | 0,2 | **0,65** | 0,6 | 0,53 |

After experimenting on a smaller part of the dataset, our findings are that the results when including the ‘Other’ class were not able to beat the baseline scores.