# best models

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| --- | --- | --- | --- | --- | --- | --- |
| Random Forest | validation + none + statistics + tfidf + pos + liwc | 0.6658 | 1.0 | 0.0868 | 0.1598 | 0.9698 |
| Random Forest | validation + none + statistics + tfidf + pos | 0.6658 | 1.0 | 0.0868 | 0.1598 | 0.9698 |
| Random Forest | validation + none + statistics + tfidf | 0.6621 | 1.0 | 0.0769 | 0.1429 | 0.9622 |
| Logistic Regression | validation + none + statistics + tfidf | 0.7629 | 0.9863 | 0.3573 | 0.5246 | 0.9536 |
| GBDT | validation + none + statistics + tfidf + pos | 0.7675 | 1.0 | 0.3648 | 0.5345 | 0.9468 |
| GBDT | validation + none + statistics + tfidf + pos + liwc | 0.7675 | 1.0 | 0.3648 | 0.5345 | 0.9468 |
| Random Forest | validation + none + statistics | 0.6521 | 1.0 | 0.0496 | 0.0946 | 0.9405 |
| GBDT | validation + none + statistics | 0.6676 | 1.0 | 0.0918 | 0.1682 | 0.9382 |
| NN | validation + none + statistics | 0.6358 | 1.0 | 0.005 | 0.0099 | 0.9316 |
| Logistic Regression | validation + none + statistics | 0.6694 | 1.0 | 0.0968 | 0.1765 | 0.9251 |
| GBDT | validation + none + statistics + tfidf | 0.7611 | 1.0 | 0.3474 | 0.5157 | 0.9236 |
| Naive Bayes | validation + none + statistics + tfidf | 0.7793 | 0.9819 | 0.4045 | 0.5729 | 0.919 |
| Decision Tree | validation + none + statistics | 0.6757 | 1.0 | 0.1141 | 0.2049 | 0.8888 |
| Naive Bayes | validation + none + statistics + tfidf + pos | 0.8765 | 0.9684 | 0.6849 | 0.8023 | 0.8873 |
| Naive Bayes | validation + none + statistics + tfidf + pos + liwc | 0.8765 | 0.9684 | 0.6849 | 0.8023 | 0.8873 |
| Logistic Regression | validation + none + statistics + tfidf + pos + liwc | 0.7066 | 1.0 | 0.1985 | 0.3313 | 0.878 |
| Logistic Regression | validation + none + statistics + tfidf + pos | 0.7066 | 1.0 | 0.1985 | 0.3313 | 0.878 |
| K-Nearest Neighbors | validation + none + statistics + tfidf + pos + liwc | 0.7012 | 1.0 | 0.1836 | 0.3103 | 0.8633 |
| K-Nearest Neighbors | validation + none + statistics + tfidf + pos | 0.7012 | 1.0 | 0.1836 | 0.3103 | 0.8633 |
| Support Vector Machine | validation + none + statistics + tfidf + pos | 0.5368 | 0.4358 | 0.9007 | 0.5874 | 0.8511 |