# best models

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| --- | --- | --- | --- | --- | --- | --- |
| NN | large + over + statistics + tfidf + pos | 0.9942 | 0.9855 | 0.9965 | 0.991 | 0.9995 |
| NN | before + over + statistics + tfidf + pos + liwc | 0.9921 | 0.9866 | 0.9888 | 0.9877 | 0.9993 |
| NN | simple + over + statistics + tfidf + pos | 0.9922 | 0.9821 | 0.9938 | 0.9879 | 0.9992 |
| NN | before + over + statistics + tfidf | 0.993 | 0.9858 | 0.9923 | 0.9891 | 0.9992 |
| NN | large + over + statistics + tfidf + pos + liwc | 0.9933 | 0.987 | 0.9923 | 0.9896 | 0.9992 |
| NN | before + over + statistics + tfidf + pos | 0.9902 | 0.985 | 0.9846 | 0.9848 | 0.9991 |
| NN | large + over + statistics + tfidf | 0.9935 | 0.9825 | 0.9973 | 0.9899 | 0.9991 |
| NN | simple + over + statistics + tfidf | 0.9897 | 0.9747 | 0.9938 | 0.9842 | 0.999 |
| NN | simple + over + statistics + tfidf + pos + liwc | 0.9925 | 0.9818 | 0.995 | 0.9883 | 0.9987 |
| NN | before + under + statistics + tfidf + pos + liwc | 0.9758 | 0.9972 | 0.9542 | 0.9752 | 0.9985 |
| NN | before + under + statistics + tfidf + pos | 0.9758 | 0.9944 | 0.9569 | 0.9753 | 0.9981 |
| NN | simple + under + statistics + tfidf + pos | 0.9744 | 0.9862 | 0.9623 | 0.9741 | 0.9978 |
| NN | before + under + statistics + tfidf | 0.9677 | 0.986 | 0.9488 | 0.967 | 0.9977 |
| NN | large + under + statistics + tfidf + pos + liwc | 0.9731 | 0.9835 | 0.9623 | 0.9728 | 0.9969 |
| NN | large + under + statistics + tfidf + pos | 0.9596 | 0.9914 | 0.9272 | 0.9582 | 0.9968 |
| NN | simple + under + statistics + tfidf + pos + liwc | 0.9677 | 0.986 | 0.9488 | 0.967 | 0.996 |
| NN | simple + under + statistics + tfidf | 0.9664 | 0.9832 | 0.9488 | 0.9657 | 0.9958 |
| K-Nearest Neighbors | large + over + statistics + tfidf | 0.8839 | 0.7342 | 1.0 | 0.8468 | 0.9958 |
| K-Nearest Neighbors | simple + over + statistics + tfidf | 0.883 | 0.7331 | 0.9992 | 0.8457 | 0.9957 |
| K-Nearest Neighbors | before + over + statistics + tfidf | 0.8839 | 0.7346 | 0.9988 | 0.8466 | 0.9952 |