Stylometrics Approaches used:

1. Mendenhall’s Characteristic Curves of Composition
2. Kilgariff’s Chi-Squared Method
3. John Burrows’ Delta Method
4. A
5. B

The Federalist is the test case used for the applied machine learning algorithms in the English Speaking Language.

Test Case categories:

1. 51 papers known to have been written by Alexander Hamilton
2. 14 papers known to have been written by James Madison
3. 4 of the 5 papers known to have been written by John Jay.
4. Three papers that were probably co-written by Madison and Hamilton and for which Madison claimed principal authorship.
5. The 12 papers disputed between Hamilton and Madison
6. Federalist 64 in a category of its own

The T. C. Mendenhall’s characteristic curves of composition and Adam Kilgariff’s chi-squared distance, will look at the 12 disputed papers as a group

third and final test, we will apply John Burrows’ Delta method to look at Federalist 64 and to confirm whether it was, indeed, written by John Jay