

Authorship analysis

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Dataset

- The Federalist Papers Dataset
- PAN12 - Text Authorship Attribution Dataset

Features

- Ranking distance representation of each document, with function words: Mosteller and Wallace or nltk english
- N-grams representation of each document. N-grams range: 3-4, frequency threshold: 100

String-kernels

- Linear kernel
- Intersection kernel
- Binary kernel

Training and classification

- SVM with one vs. rest classifier

Results



THANK YOU!