Sub-Profiling by Linguistic Dimensions to Solve the Authorship Attribution Task

Notebook for PAN at CLEF 2012

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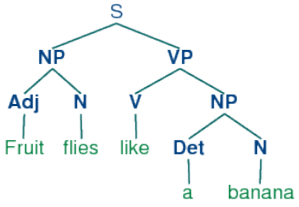
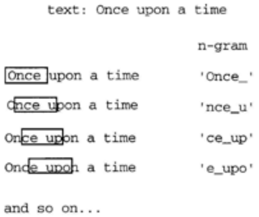
Author A2 → Author???

Modalities →

stylistic



syntactic



Char-ngrams

A1 sub-profiles →	Stylistic_A1	Syntactic_A1	Char n-gram_A1
A2 sub-profiles →	Stylistic_A2	Syntactic_A2	Char n-gram_A2
Classified →	A1 ✗	A2 ✓	A2 ✓

Author with the highest similarity value in current modality

For four out of six datasets, we matched the best accuracy of PAN 2012 AA challenge.