**Ghost Writing Authorship Detection Preliminary Results**

**Features:** word rates, character four grams, character trigrams, word bigrams, song/text length (characters), average word length, line count, average line length.

**TEXTS THAT WE'VE SEEN IN CLASS**

Author of JKRowling-TheCasualVacancy03.txt is Rowling according to feature get\_words

Author of JKRowling-TheCasualVacancy03.txt is Rowling according to feature get\_ngrams

Author of JKRowling-TheCasualVacancy03.txt is Rowling according to feature get\_ngrams

Author of JKRowling-TheCasualVacancy03.txt is Rowling according to feature get\_word\_grams

Author of JKRowling-TheCasualVacancy03.txt is Rowling according to feature get\_song\_length

Author of JKRowling-TheCasualVacancy03.txt is Rowling according to feature get\_avg\_word\_length

Author of JKRowling-TheCasualVacancy03.txt is James according to feature get\_line\_count

Author of JKRowling-TheCasualVacancy03.txt is Rowling according to feature get\_avg\_line\_length

**\*Author of JKRowling-TheCasualVacancy03.txt is Rowling according to the majority vote system!\***

Author of PDJames-ThePrivatePatient08.txt is James according to feature get\_words

Author of PDJames-ThePrivatePatient08.txt is James according to feature get\_ngrams

Author of PDJames-ThePrivatePatient08.txt is James according to feature get\_ngrams

Author of PDJames-ThePrivatePatient08.txt is James according to feature get\_word\_grams

Author of PDJames-ThePrivatePatient08.txt is James according to feature get\_song\_length

Author of PDJames-ThePrivatePatient08.txt is Rowling according to feature get\_avg\_word\_length

Author of PDJames-ThePrivatePatient08.txt is Rowling according to feature get\_line\_count

Author of PDJames-ThePrivatePatient08.txt is Rowling according to feature get\_avg\_line\_lengt

**\*Author of PDJames-ThePrivatePatient08.txt is James according to the majority vote system!\***

Author of hamilton28.txt is Hamilton according to feature get\_words

Author of hamilton28.txt is Hamilton according to feature get\_ngrams

Author of hamilton28.txt is Hamilton according to feature get\_ngrams

Author of hamilton28.txt is Hamilton according to feature get\_word\_grams

Author of hamilton28.txt is Hamilton according to feature get\_song\_length

Author of hamilton28.txt is Hamilton according to feature get\_avg\_word\_length

Author of hamilton28.txt is Hamilton according to feature get\_line\_count

Author of hamilton28.txt is Madison according to feature get\_avg\_line\_length

**\*Author of hamilton28.txt is Hamilton according to the majority vote system!\***

Author of madison43.txt is Madison according to feature get\_words

Author of madison43.txt is Madison according to feature get\_ngrams

Author of madison43.txt is Madison according to feature get\_ngrams

Author of madison43.txt is Madison according to feature get\_word\_grams

Author of madison43.txt is Madison according to feature get\_song\_length

Author of madison43.txt is Madison according to feature get\_avg\_word\_length

Author of madison43.txt is Madison according to feature get\_line\_count

Author of madison43.txt is Madison according to feature get\_avg\_line\_length

**\*Author of madison43.txt is Madison according to the majority vote system!\***

**TEXTS WRITTEN BY WILL SMITH**

Author of Its\_All\_Good.txt is Will\_Smith according to feature get\_words

Author of Its\_All\_Good.txt is Nas according to feature get\_ngrams

Author of Its\_All\_Good.txt is Will\_Smith according to feature get\_ngrams

Author of Its\_All\_Good.txt is Nas according to feature get\_word\_grams

Author of Its\_All\_Good.txt is Will\_Smith according to feature get\_song\_length

Author of Its\_All\_Good.txt is Will\_Smith according to feature get\_avg\_word\_length

Author of Its\_All\_Good.txt is Nas according to feature get\_line\_count

Author of Its\_All\_Good.txt is Will\_Smith according to feature get\_avg\_line\_length

**\*Author of Its\_All\_Good.txt is Will\_Smith according to the majority vote system!\***

Author of Miami.txt is Nas according to feature get\_words

Author of Miami.txt is Nas according to feature get\_ngrams

Author of Miami.txt is Nas according to feature get\_ngrams

Author of Miami.txt is Nas according to feature get\_word\_grams

Author of Miami.txt is Nas according to feature get\_song\_length

Author of Miami.txt is Will\_Smith according to feature get\_avg\_word\_length

Author of Miami.txt is Will\_Smith according to feature get\_line\_count

Author of Miami.txt is Will\_Smith according to feature get\_avg\_line\_length

**\*Author of Miami.txt is Nas according to the majority vote system!\***

**TEXT WRITTEN BY NAS**

Author of The\_Message.txt is Nas according to feature get\_words

Author of The\_Message.txt is Nas according to feature get\_ngrams

Author of The\_Message.txt is Nas according to feature get\_ngrams

Author of The\_Message.txt is Nas according to feature get\_word\_grams

Author of The\_Message.txt is Will\_Smith according to feature get\_song\_length

Author of The\_Message.txt is Nas according to feature get\_avg\_word\_length

Author of The\_Message.txt is Nas according to feature get\_line\_count

Author of The\_Message.txt is Nas according to feature get\_avg\_line\_length

**\*Author of The\_Message.txt is Nas according to the majority vote system!\***

**TEXT GHOST WRITTEN BY NAS FOR WILL SMITH**

Author of Gettin\_Jiggy\_With\_It.txt is Nas according to feature get\_words

Author of Gettin\_Jiggy\_With\_It.txt is Nas according to feature get\_ngrams

Author of Gettin\_Jiggy\_With\_It.txt is Nas according to feature get\_ngrams

Author of Gettin\_Jiggy\_With\_It.txt is Nas according to feature get\_word\_grams

Author of Gettin\_Jiggy\_With\_It.txt is Will\_Smith according to feature get\_song\_length

Author of Gettin\_Jiggy\_With\_It.txt is Will\_Smith according to feature get\_avg\_word\_length

Author of Gettin\_Jiggy\_With\_It.txt is Nas according to feature get\_line\_count

Author of Gettin\_Jiggy\_With\_It.txt is Will\_Smith according to feature get\_avg\_line\_length

**\*Author of Gettin\_Jiggy\_With\_It.txt is Nas according to the majority vote system!\***