

Visual Text Analysis Hackathon

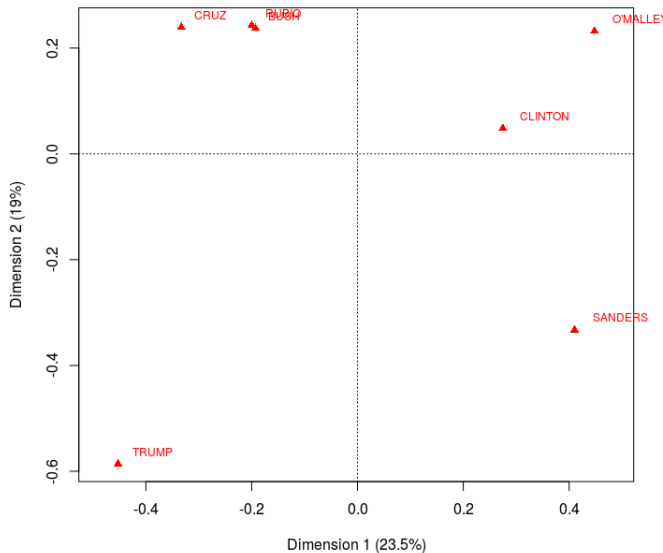
Paul Nulty

LSE

24th March 2016

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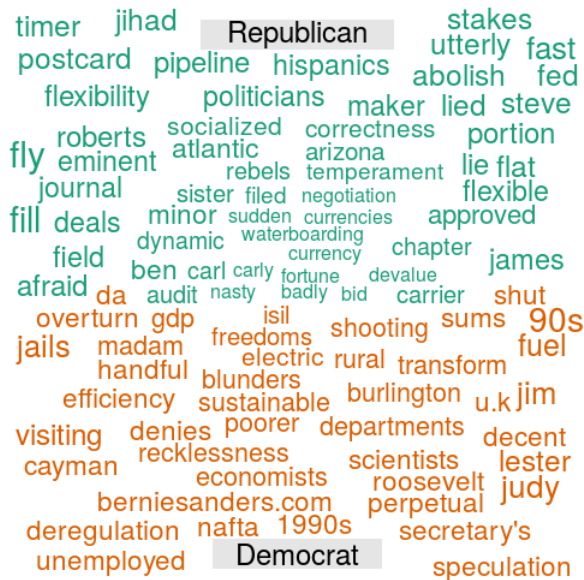
Two dimensional Correspondence Analysis



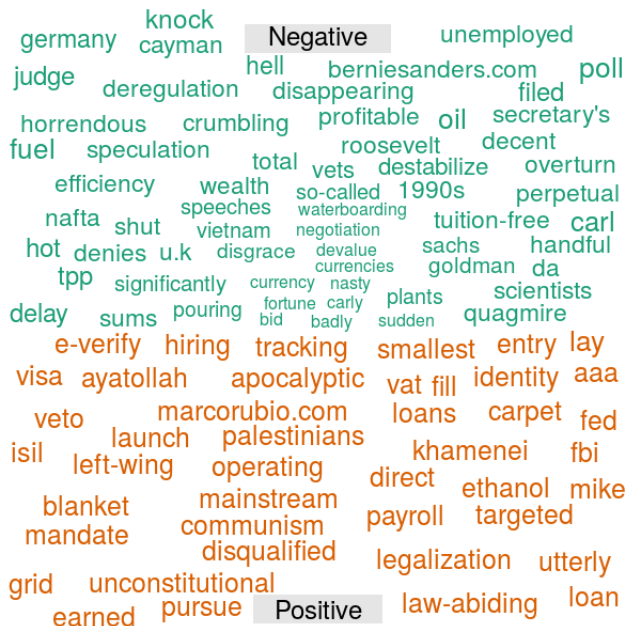
Comparison Cloud

- ▶ Treat words with positive, negative weights on a dimension as two documents
- ▶ Size: magnitude of difference from average rate of occurrence
- ▶ See `?comparison.cloud`

Dimension One



Dimension Two



Tools

- ▶ General R: RStudio, dplyr, magrittr
- ▶ Models: ca, glmnet
- ▶ Text: quanteda
- ▶ Vis: shiny, wordcloud::comparison.cloud
- ▶ Code available <https://github.com/pnulty/oicss>

thank you

- ▶ Thank you for your attention
- ▶ Code available <https://github.com/pnulty/oiicss>