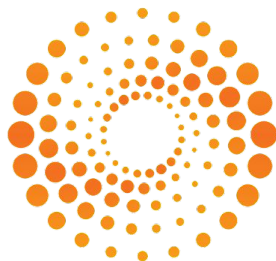


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# Identifying Political Ideology From Text



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# IDENTIFYING SUBGROUPS

Can we distinguish an underlying political ideology from a text sample?

Applications in:

- Source Validation
- Bias Analysis
- Polarization / Trend Analysis
- Demographic Resonance
- Fraud Detection



# DATA

↑ [iamthebeaver](#) **Build that Dam!** 124 points · 1 day ago

↓ ISIS has lost all of the territory they held. There are still militants, but there will always be militants in that part of the world. So while we haven't completely eliminated every last ISIS fighter, they no longer control any natural resources, strategic locations, and have lost their major sources of funding. That's as close to a victory as you can get in this type of warfare.

🗨️ Reply Share Report Save

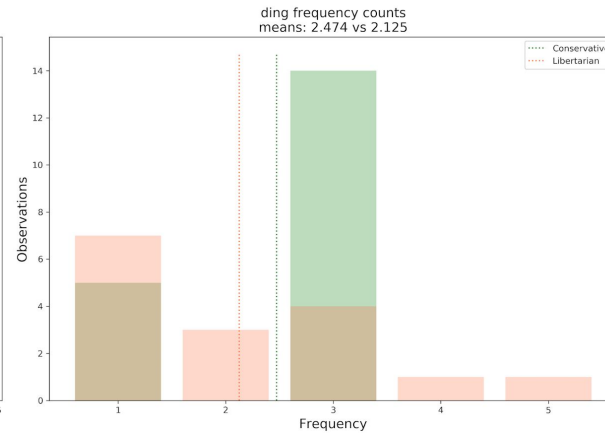
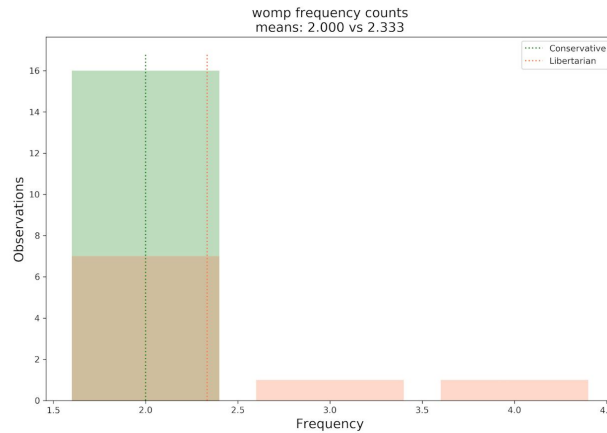
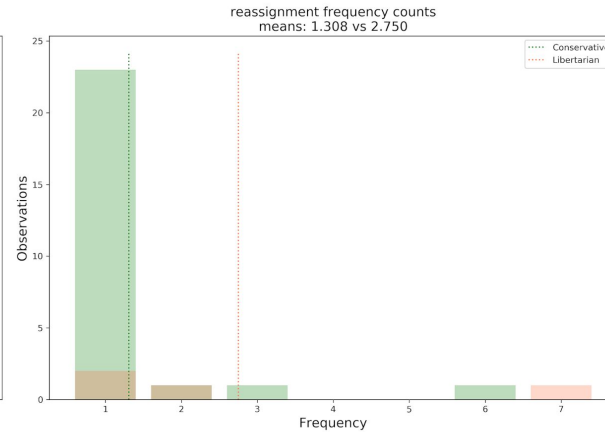
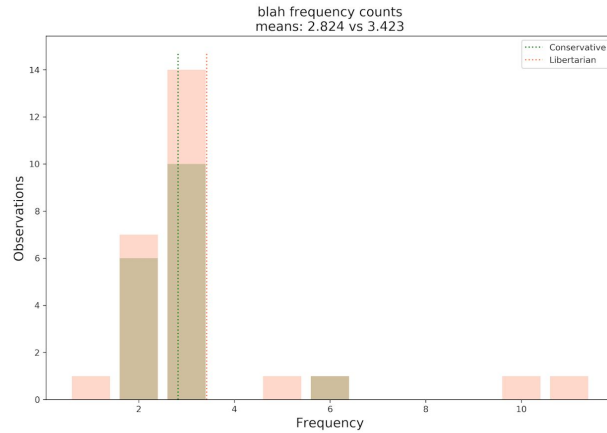
↑ [MackMizzo](#) 27 points · 1 day ago

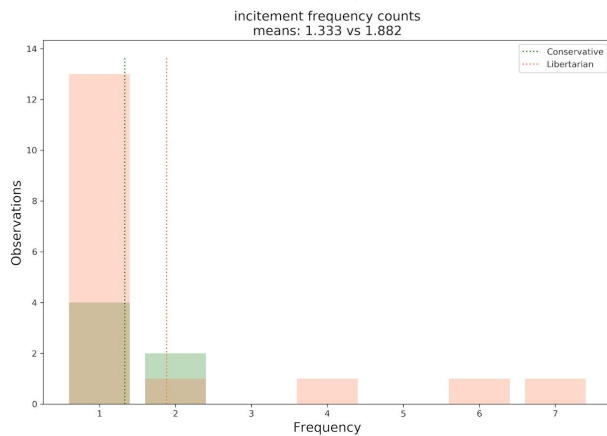
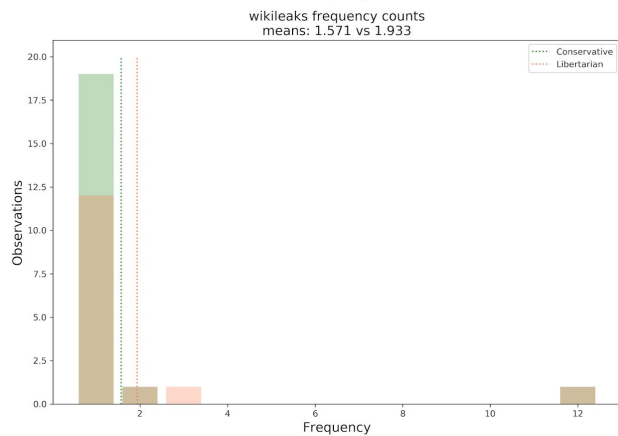
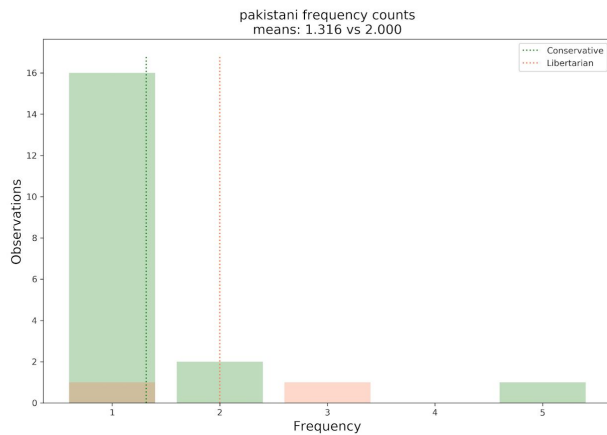
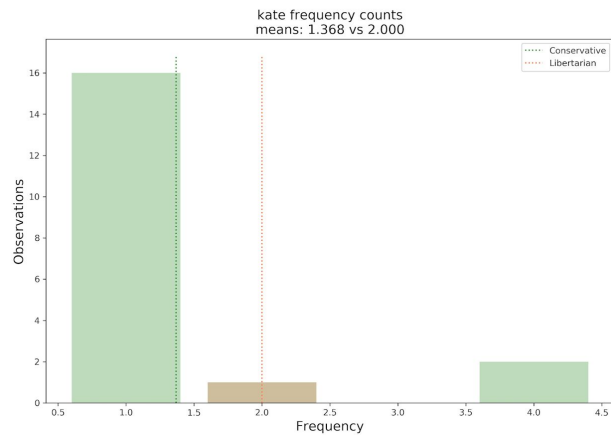
↓ The new threshold of "victory" when we are talking about the US is "killing every last person holding that ideology" which is, of course, impossible, and deliberately so, as people don't want to grant the US any more victories for propaganda purposes one way or another. In history if we used this threshold no one would have ever won anything, Rome was constantly fighting rebellions and insurgencies within its imperial territories and yet who would say Rome hadn't already won those regions?

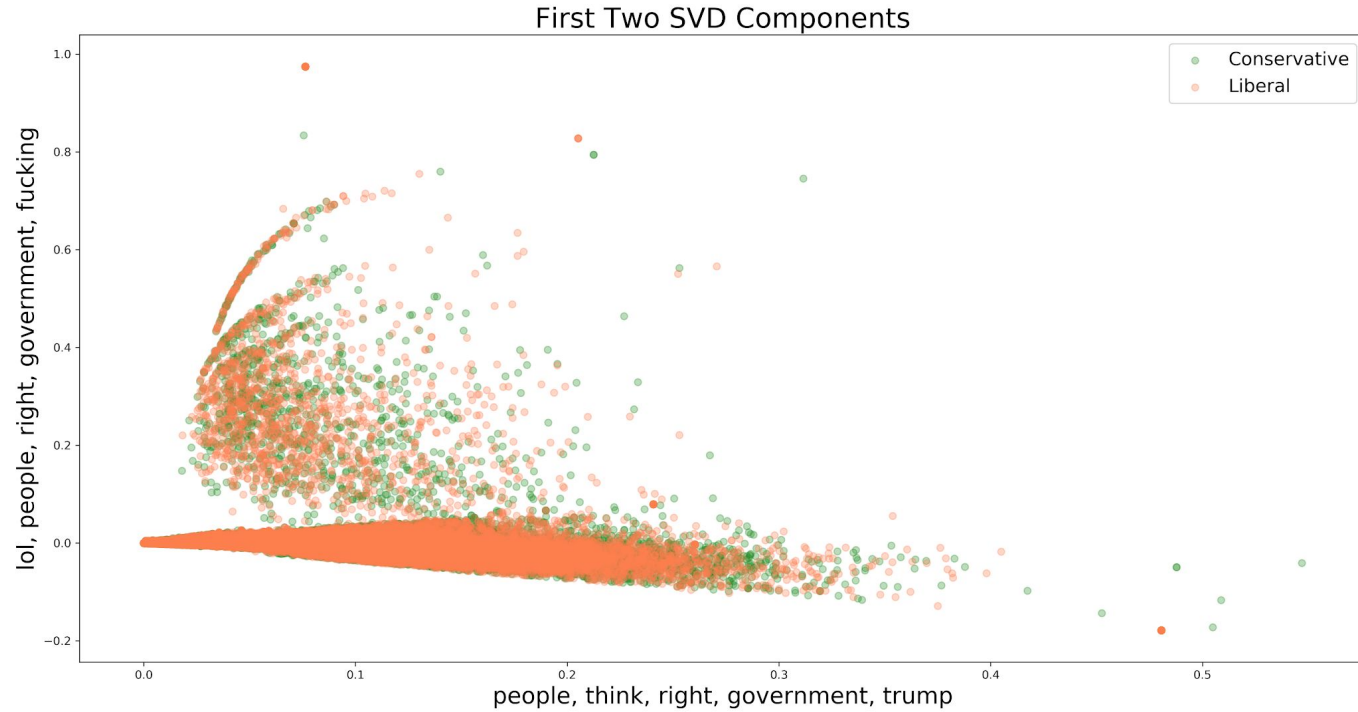
🗨️ Reply Share Report Save

r/conservative: 100,000 Comments (12/1 - 12/15)  
r/libertarian: 100,000 Comments (11/30 - 12/14)

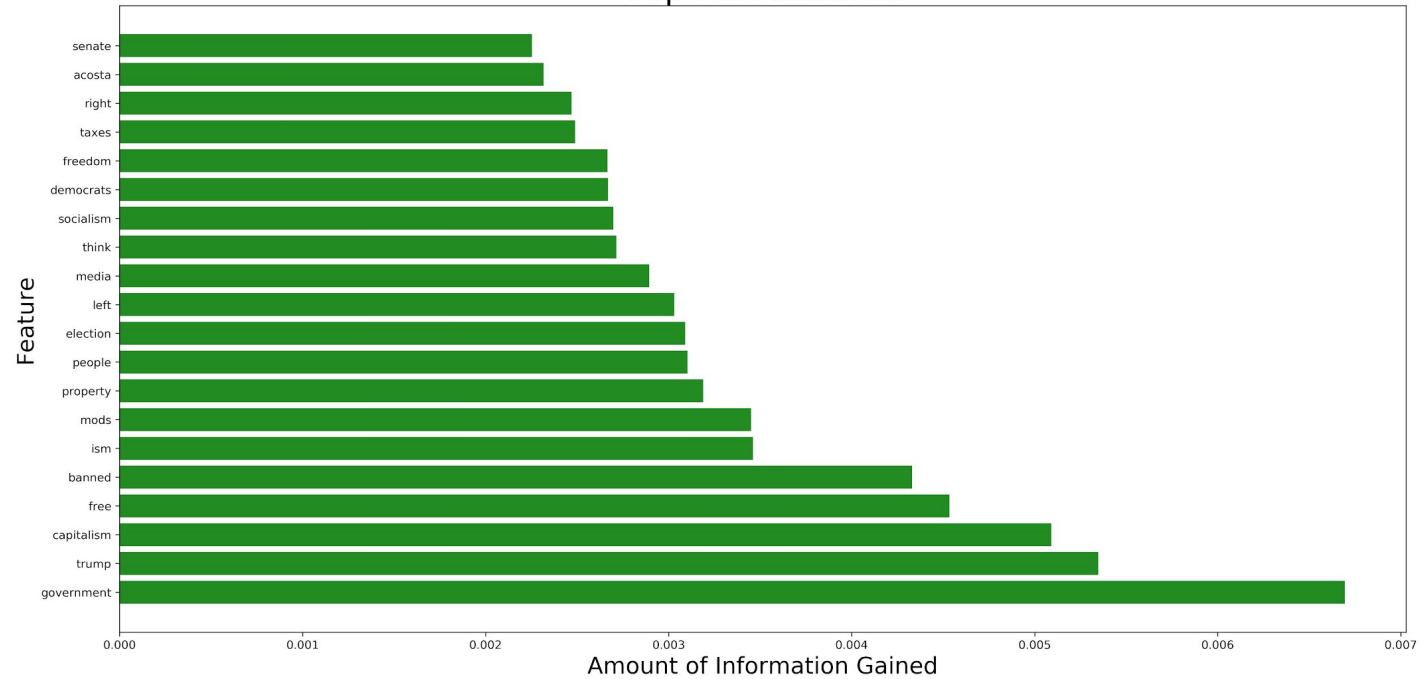








## Top 20 Features



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# PRELIMINARY FINDINGS

- Strong ideological separation
- Syntactic and semantic differences
- Well separated with Naive Bayes 72.3% (53.9% baseline)





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## FURTHER RESEARCH

- Test additional models
- Refine preprocessing steps
- Generalize to other political groups
- Optimize model hyperparameters

