"Triggered": Using Words to Measure Disagreement Among News Outlets

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The Plan:

- To measure disagreement among news outlets based on words contained in their tweets and articles linked in the tweets
- The hope is that certain words will show disagreement among the news outlets that either use them or don't

Twitter Handles:

Guardian US ✓
@GuardianUS

The Guardian's US coverage, conversations and reporters

⊙ United States

𝒮 theguardian.com/us

NYT Politics ✓
@nytpolitics

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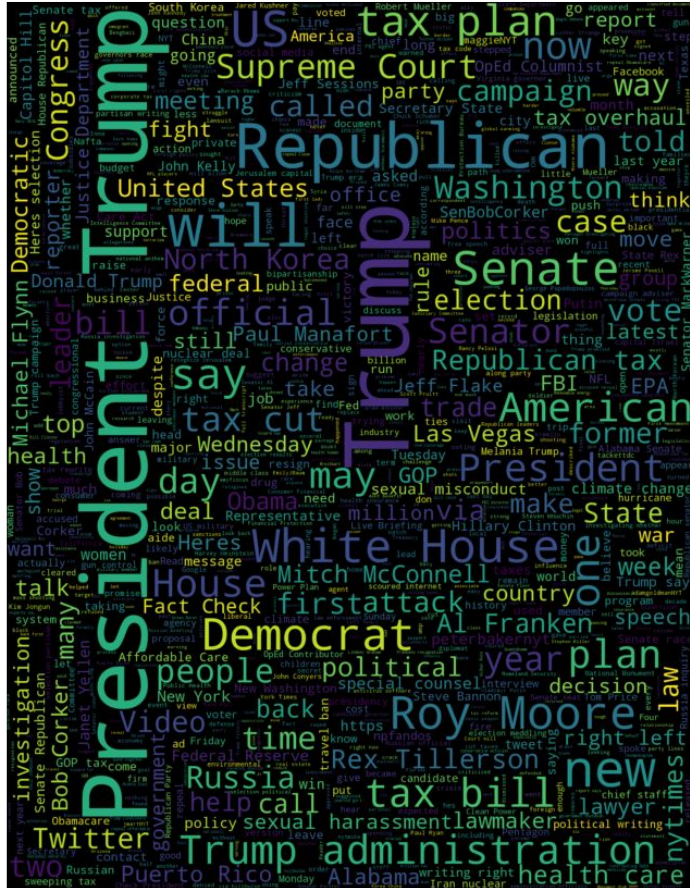
⊙ Washington, D.C.

𝒮 foxnews.com/politics
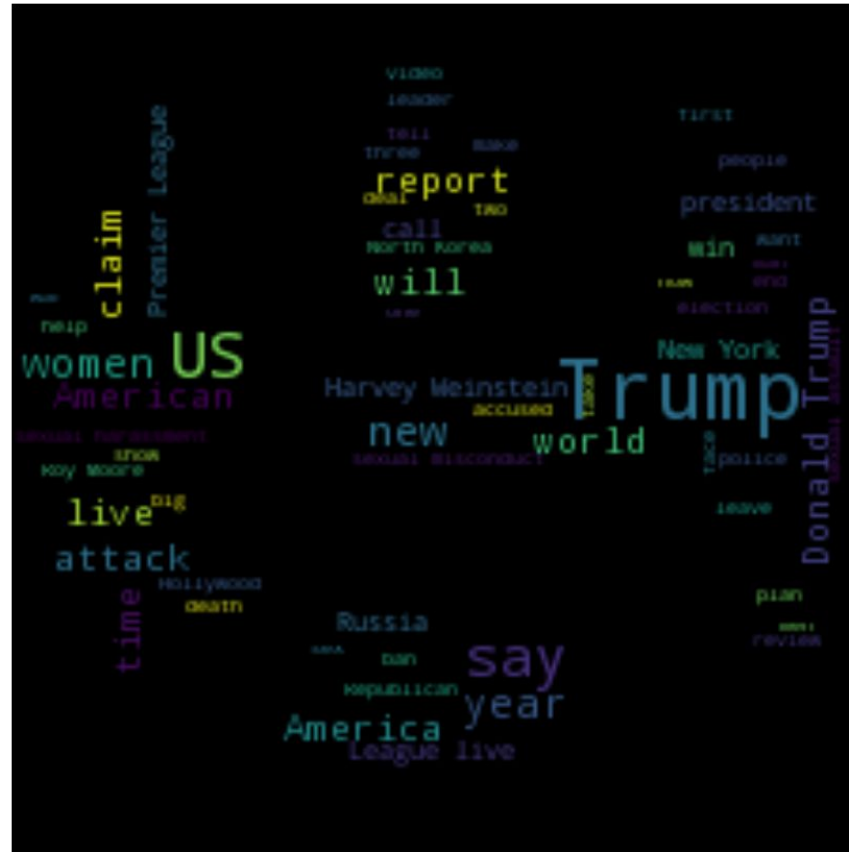
Breitbart News ✓
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News, commentary, and destruction of the political/media establishment.

𝒮 breitbart.com

Nytimes

The GuardianUS

Breitbart

Fox

Formula for Disagreement:

Definition [edit]

For **probability distributions** p and q over the same domain X, the Bhattacharyya distance is defined as

$$D_B(p, q) = -\ln(BC(p, q))$$

where

$$BC(p, q) = \sum_{x \in X} \sqrt{p(x)q(x)}$$

is the Bhattacharyya coefficient for **discrete probability distributions**.

	NYT	Guard	Fox	Breit
NYT	0	8.088	8.122	8.426
Guard	8.088	0	8.483	8.388
Fox	8.122	8.145	0	cell3
Breit	8.426	8.388	8.483	0