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FOX NEWS VS MSNBC

POLITICAL POLARIZATION IN NEWS CURRENT AFFAIRS SHOWS

MSNBC

FOX News



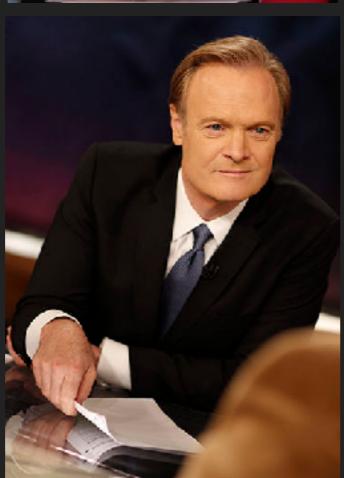
Weeknights







Weeknights





DATA

Shows:

- Rachel Maddow Show,
- The Last Word with Lawrence O'Donnell
- Hannity
- The Ingraham Angle
- ▶ 120 transcripts for each show scraped from <u>msnbc.com</u> and <u>foxnews.com</u>

TOPIC MODELING WITH LATENT DIRICHLET ALLOCATION

- Clean all transcripts
- Tokenize and lemmatize transcripts
- CountVectorizer (sklearn) with bigrams
- LDA with Gensim. Expand stop word list to ensure useful topics.
 Use ~80 passes.
- Label each topic
- Label each episode by topic (or top 2 topics). Compare two networks by topic incidence.