Visualizing statistical analysis of news

CS260, Spring ’09
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Problem and Theme

- Many news sources
- Many viewpoints and opinions
- Interesting questions:
  - Identify bias?
  - Media influencing policy?
- Theme: Social Identity
Method

- Scrape blogs, news sources, comments
- Collaboration with Prof. El Ghaoui and his StatNews project
  - Naïve Bayesian classifier weights
- Look at other methods
  - Raw co-occurrences
  - TF-IDF
Evaluation

- Case studies!
- Ask social scientists, law scholars (Prof. Sophie Clavier)
  - Is Iran being portrayed as isolated?
  - Is the word “spending” always portrayed as social spending, or is there mention of DoD spending?
- Observe if policy can be connected to prior media coverage