Visualizing statistical analysis of news

CS260, Spring '09
Nicholas Kong

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