

Summary of Text-Based Prediction

- Text-based prediction is very useful for “big data” applications:
 - Inferring new knowledge about the world
 - Optimizing decision making
- Text data is often combined with non-text data for prediction
 - Joint analysis of text and non-text is necessary and useful
 - Non-text data provide context for mining text data (contextual text mining)
 - Text data help interpret patterns discovered from non-text data (pattern annotation)
- An active research topic with many open challenges