**Analyzing COVID-19 Transcripts Across Countries**

**DSGA 1015: Text as Data**

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**Abstract**

This paper demonstrates an application of structural topic models and latent Dirichlet analysis on a corpus of coronavirus-related presidential transcripts. The researchers aim to answer the question, “How do the topics of each country’s coronavirus official address corpus influence their policy responses? Additionally, how do the ways in which country leaders engage with and address coronavirus-related topics differ?”

1. **Introduction**
2. **Literature**
3. **Theory and Hypotheses**
4. **Data and Models**

The researchers used a number of methods to model the topics discussed in each country’s coronavirus transcript. The structural topic model is a generative model that applies word counts to identify the topical prevalence and topical content of a given document.

1. **Results**
2. **Discussion**