**Proposal 1**

**Research Question/Hypothesis:** Is it possible to predict the outcome of Supreme Court Cases (using NLP)?

**Previous Research/Novelty:** Previous papers that we found that focus on legal prediction use cases from the European Supreme Court.

**Papers**:

https://www.researchgate.net/publication/310615519\_Predicting\_Judicial\_Decisions\_of\_the\_European\_Court\_of\_Human\_Rights\_A\_Natural\_Language\_Processing\_Perspective

**Possible Datasets:**

Supreme Court Argument Transcripts located here: <https://www.supremecourt.gov/oral_arguments/argument_transcript/2021>

Case Data and Justice Centered Data: <http://scdb.wustl.edu/data.php>

**Challenges/Risks:** Parsing transcripts from the website might take awhile to build a dataset.

**Outline for Implementation:**

There are 2 possible approaches for this task:

1. Using oral arguments to predict who the winner is (petitioner or respondent)
2. Predicting individual Justice behaviour given justice and case dataset type