Michael Caballero

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Data H195B

Annotated Outline

Polling Public Opinion with Twitter

I. **Introduction (2.5 pages)**

    A. Overview of the specific work I've accomplished (1 page)

        1. Similar to my abstract

        2. End with main question the thesis is answering

    B. Motivation behind this project (1.5 pages)

        1. Applicability to Political Science (1 page)

        2. Transition in social sciences from data scarcity to abundance (½ page)

II. **Literature Review (6 pages)**

    A. Overview of Electoral Predictions with social media data (1 page)

    B. Review of data utilized in this subject (1.5 pages)

        1. Summary of all types of social media data (½ page)

        2. Twitter data utilized (1 page)

    C. Review of previous methodologies (1.5 pages)

    D. Summary of meta-analyses findings (1 page)

    E. Difference in my approach (2 pages)

        1. Why I believe my approach works better (1 page)

        2. Brand new accessibility of Twitter data (1 page)

III. **Data (3 pages)**

    A. Process for collecting the data (1 page)

1. Twitter API (½ pages)

2. Process (½ page)

   B. Data actually collected and utilized (2 pages)

1. Other datasets (1 page)

2. My dataset (1 page)

IV. Methodology (4 pages)

   A. Summary of methodology (1 page)

   B. Model iterations (2 pages)

1. Detailing the difference between each step

   C. Potential next steps (1 page)

1. Other models that could work well (½ page)

2. Increased data collection (½ page)

V. Findings (6 pages)

   A. Output from each iteration of the model (2.5 pages)

1. Descriptions of alterations and their impacts

   B. Metrics for comparison to other methods in research (1 page)

   C. Comparison to actual election results (1 page)

1. Changing the baseline of polling data

   D. Contributions to this field of research (1.5 pages)

VI. Ethical Issues (1.5 pages)

   A. Power of an accurate model (½ page)

   B. Exacerbation of current social maladies (1 page)

1. Who would this model help (½ page)

2. Impact on the general population (½ page)

VII.   Conclusion (1.5 pages)

    A. Summary of research methods (½ page)

    B. Contribution to the field (½ page)

    C. Implementing this model in future elections (½ page)