

INTRODUCTION

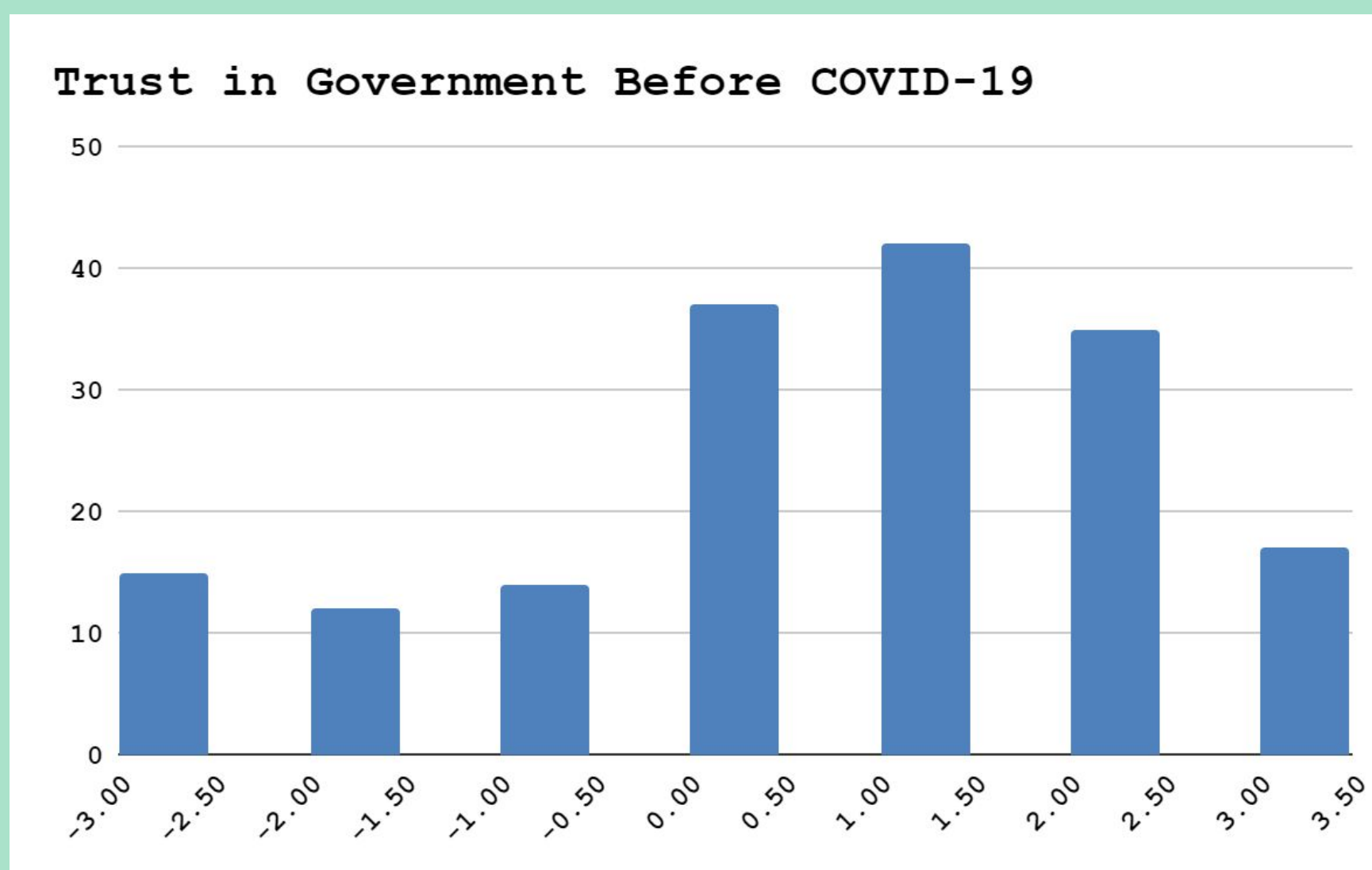
Development in biomedical research has greatly improved humanity and countries compete to develop the latest technology. The rate at which biomedical research happens varies immensely by country. The research in this paper will compare the rate of biomedical research and distribution, and trust in sciences and the government. As well, I will look into trends of political division. By comparing current and past events to create a trend, a model will be made. It could be used to figure out if changes in government procedure will affect research or public trust.

RESEARCH METHODOLOGIES

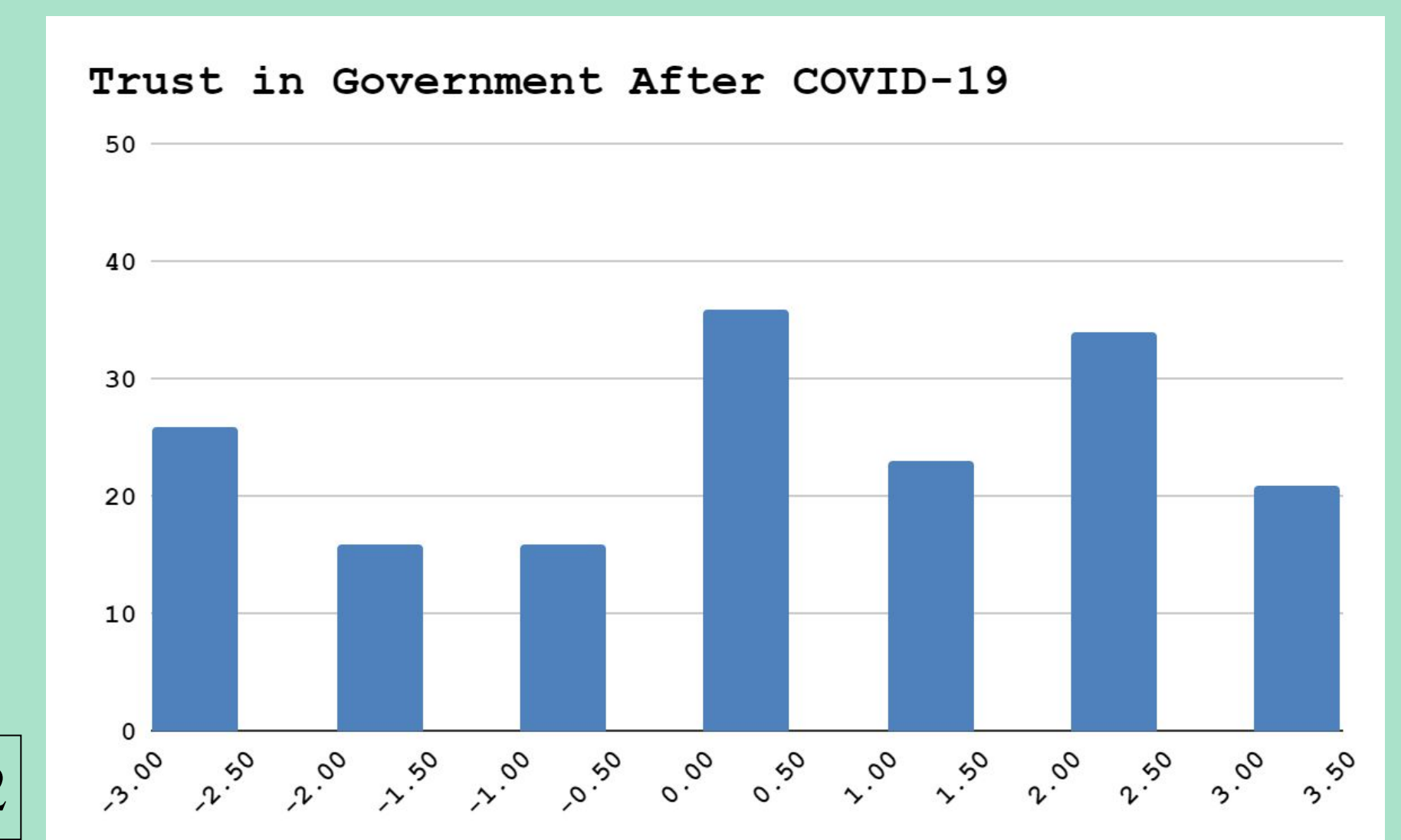
My primary method of research will be in the form of a survey. My survey will be used to collect data points on public trust in multiple areas of the United States. In order to effectively conduct my research I will ask similar questions regarding the person's political leaning, to minimize personal bias. I will also be using a numerical scale for answering questions to minimize variation in wording by different participants. My research will be both pure and applied. I will be conducting pure research and have raw data that can hopefully be used in practice. Due to my research being based on volunteer responses, it will be qualitative research presented in a numerical format. Since variables are not being changed, this will be observational. For this research, I wish to get a large sample size from varying political and regional backgrounds. To do this, I will use Survey Monkey and have them send it to random people throughout the United States.

I will then compare the data collected from survey participants and compare it to data collected from state voting records.

DATA AND FINIDNGS



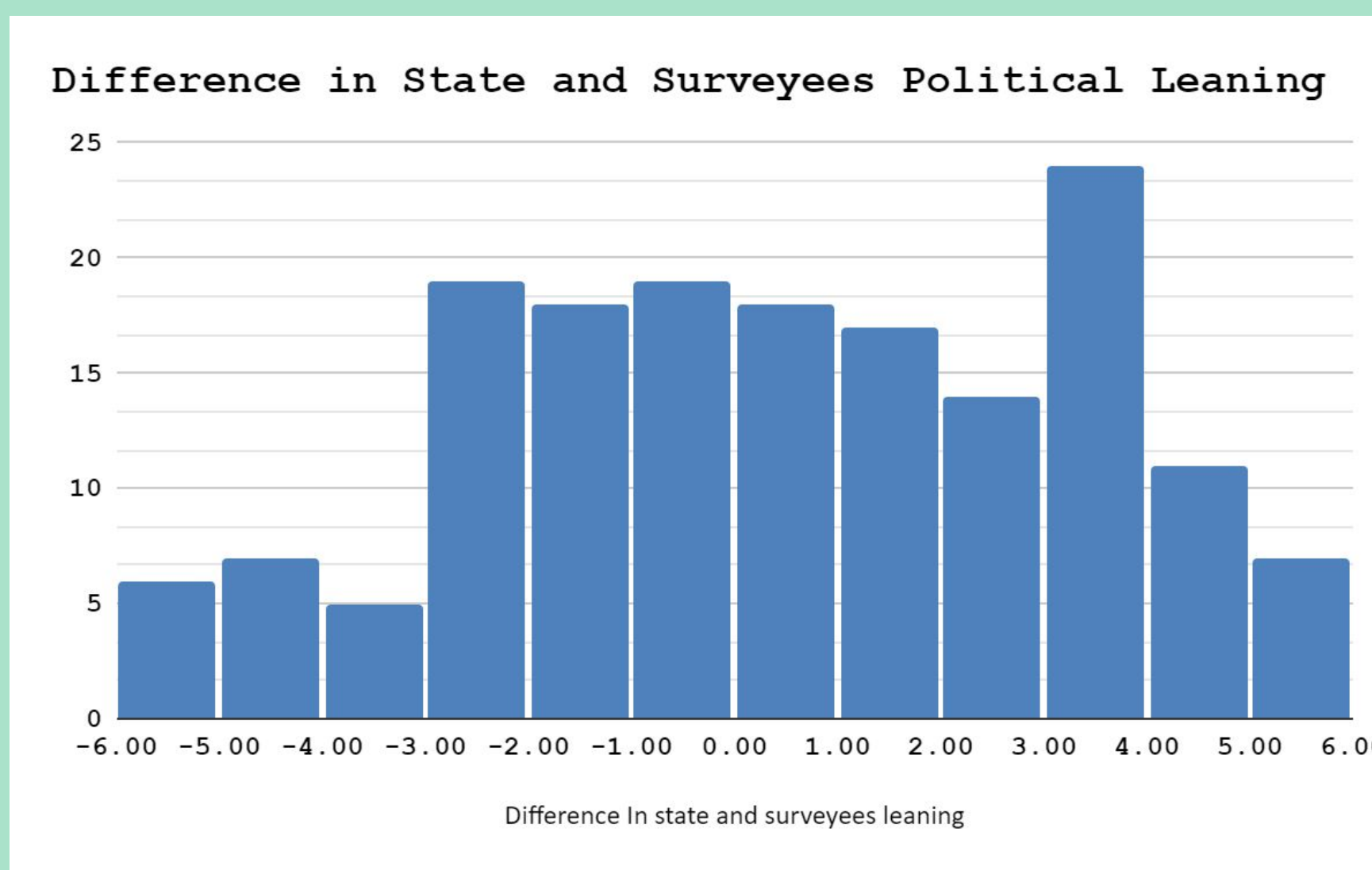
1.1



1.2

Figure 1.1: The trust in government before COVID shows more trust than distrust

Figure 1.2: The trust in government after COVID shows more mixed response, but the difference falls within the standard error.



2

Figure 2: Self reported political leaning. The data is shifted right. This shows more right leaning responses.

After comparing the data in figures 1.1, 1.2, and 2 with state policies during covid, I found no discernible difference. The states with different covid policies, California and Florida, did not have much difference in government trust, when looking at the same demographic.

DISCUSSION, ANALYSIS, AND EVALUATION

Since the data falls within the standard error, there was no significant difference between peoples' trust in government before and after the pandemic. Due to this, it can reasonably be inferred that people views of the government did not change significantly following government regulation.

There were very few differences between state responses to the pandemic. Many states, and the federal government, followed CDC guidelines. The only major differences between ordineces was between counties.

CONCLUSIONS, IMPLICATIONS, AND NEXT STEPS

Problems:

- Small population set
- One event
- Does not account for answer bias
 - Most people rank themselves as more moderate than they are

Implications:

The data collected will hopefully be able to show that while many may be more vocal of criticisms, many people do not change their opinions. This demonstrates that the policy has little effect on one's perception of the government.

ACKNOWLEDGEMENTS / REFERENCES

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