

My Final College Paper

A Thesis
Presented to
The Division of Mathematics and Natural Sciences
Reed College

In Partial Fulfillment
of the Requirements for the Degree
Bachelor of Arts

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I want to thank a few people.

Preface

This is an example of a thesis setup to use the reed thesis document class (for LaTeX) and the R bookdown package, in general.

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List of Tables

List of Figures

Abstract

The preface pretty much says it all.

Second paragraph of abstract starts here.

Dedication

You can have a dedication here if you wish.

Chapter 1

If you have more two advisors,
un-silence line 7

Placeholder

Chapter 2

Literature Review

2.1 Probability Theory (establishing definitions)

2.1.1 Random Variables & Distributions

2.1.2 LLN & CLT

2.2 Statistical Inference

- frequentist v Bayesian
- sampling distribution

2.3 Survey Methodology

- Sampling Procedures
 - Methods (section likely mixed rather than divided like so)
 - Simple random sampling
 - Stratified random sampling
 - Systematic sampling
 - Cluster
 - Stratified sampling
 - Advantages/Disadvantages
- Data Collection
 - Designing survey (sample unit, sample size, hypothesis/motivation role)
 - Survey method (brief list e.g. interview, questionnaire)
- Data Analysis
 - Hypothesis testing
 - Inference

2.4 Non-Probability Sampling

- Sampling Procedures
 - Methods
 - Convenience sampling
 - Consecutive sampling
 - Judgmental Sampling
 - ##Advantages/Disadvantages
- Data Collection
 - Designing Survey (sample unit, sample size, hypothesis/motivation role)
 - Survey method (brief list e.g. interview, questionnaire)
- Data Analysis
 - Hypothesis testing
 - Inference

2.5 Election Polling

- Purpose
- Design
 - Population
 - Sample selection
 - Methods
 - Sample size
 - Question design
 - Wording impacting response
- Data collection
 - Implementation
 - Errors
 - Sampling Error
 - Non-Sampling Error
 - Questionnaire design
 - Interviewer effects
 - Responder effects
- Data analysis

Chapter 3

tbd

Chapter 4

Tables, Graphics, References, and Labels

Placeholder

4.1 Tables

4.2 Figures

4.3 Footnotes and Endnotes

4.4 Bibliographies

4.5 Anything else?

Conclusion

If we don't want Conclusion to have a chapter number next to it, we can add the `{-}` attribute.

More info

And here's some other random info: the first paragraph after a chapter title or section head *shouldn't be* indented, because indents are to tell the reader that you're starting a new paragraph. Since that's obvious after a chapter or section title, proper typesetting doesn't add an indent there.

Appendix A

The First Appendix

This first appendix includes all of the R chunks of code that were hidden throughout the document (using the `include = FALSE` chunk tag) to help with readability and/or setup.

In the main Rmd file

In Chapter 4:

Appendix B

The Second Appendix, for Fun

References

Placeholder