BOSTON UNIVERSITY

GRADUATE SCHOOL OF ARTS AND SCIENCES

Dissertation

THIS IS THE FINAL TITLE FOR MY DISSERTATION

by

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DEDICATION

This dissertation is dedicated to....

ACKNOWLEDGMENTS

The style file is originally based on an MIT sytle file by Stephen Gildea, modified for BU by Paolo Gaudiano. Modified for CNS by Jonathan Polimeni. Further modifications by Janusz Konrad, Cameron Morland, and Karen Yeats. The final version you are using was revised by Hanna Gerlovin to align with current (2018) specifications by GRS for dissertation formatting.

This example file takes some comments from a previous example file of unknown authorship.

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Boston University, Graduate School of Arts and Sciences, 2018

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ABSTRACT

The abstract must be written in English. A dissertation abstract is limited to 350 words or approximately 2,450 characters. A thesis abstract is limited to 250 words or approximately 1,750 characters.

CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF SYMBOLS AND ABBREVIATIONS

AIC   Akaike's Information Criterion

CI   Confidence Interval

CP   Coverage Probability

HR   Hazard Ratio

PLR   Pooled Logistic Regression

CHAPTER 1

Introduction

This is an introduction to using the LaTeX template for writing your PhD Dissertation.

1.1 EQUATIONS

Here is a simple equation that I would like to reference at a later point. I have labeled it `\label{eq:OCM2}`.

$$C_p^{ss} = \frac{k_0}{k_e V} \tag{1.1}$$

For equations that just need to be shown, but not referenced, you can use `$$\dfrac{1}{2}$$` to center the lines

$$\frac{1}{2} = 1 - e^{-k_e t_h} \longrightarrow \frac{1}{2} = e^{-k_e t_h} \longrightarrow \ln\left(\frac{1}{2}\right) = \ln(1) - \ln(2) = -\ln(2) = -k_e t_h$$

1.2 SOME IMPORTANT BACKGROUND

I have some literature that I would like to cite.(Cole et al., 2014; Venzon & Moolgavkar, 1988; Murphy & Van Der Vaart, 2000; Sprott, 2000) To use the author's name inline, I can refer to Cox & Reid (1992) this way.

1.2.1 Footnote citation

Figure A.1 (on page 7) was pulled as a ".png" file from online and I would like to cite it in a footnote.[1]

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[1] Image taken from: https://www.unc.edu/courses/2010fall/ecol/563/001/images/lectures/lecture8/fig4new.png

1.3   MARGINS

Here is a small intro into sentences that break the margins. Hint: you can see this by "toggling on" the `\usepackage[showframe]{geometry}` line in the dissertation.tex file (at the top).

"If I want to reference something that was done in chapter 2, I can type `\ref{chapter2}`."

Notice that the previous paragraph breaks the page margins! This can happen when you use shorthand or other notations/equations that have trouble identifying the length of a line from the placeholder text. To fix this try putting the paragraph into `\begin{sloppypar}...\end{sloppypar}` as follows:

If I want to reference something that was done in chapter 2, I can type `\ref{chapter2}`.

CHAPTER 2

The title of chapter 2

2.1 REFERENCING SECTIONS AND EQUATIONS

As described in the introduction (section 1.3)...

Writing the reference equation as `\eqref{eq:OCM2}` looks like equation (1.1)

... while `\ref{eq:OCM2}` produces a line that says equation 1.1

2.2 SOMETHING SPECIAL

Let me define the term "**Something Special**", *as the definition I want*. The first line of a section/subsection will automatically justify to the left.

In the previous section, you see that the second paragraph automatically indents.

I can change this by adding `\noindent` at the beginning of the paragraph.

2.2.1 Highlighting for easy review

I can highlight <mark>particular text</mark> by using `\hl{text to highlight}`.

Making Lists - note: subsection not numbered!

Here is a way to make an enumerated list:

1. Revise chapter 1

2. Update chapter 2

   - link figures

   - update tables

3. Check the bibliography

CHAPTER 3

Final Set of Examples

3.1 TABLES AND FIGURES

3.1.1 Inline Table Example

Table 3.1: Example set of tables side-by-side using minipage

$\eta = 6000, \mu = 2000$

K	u_1	u_2
3	0.52	0.46
7	0.47	0.43
12	0.37	0.36

$K = 10, \mu = 2000$

η	u_1	u_2
1000	0.54	0.45
3000	0.43	0.40
9000	0.37	0.37

$K = 10, \eta = 6000$

μ	u_1	u_2
100	1.00	1.16
1000	0.53	0.47
3000	0.44	0.43

GLOSSARY OF TERMS

Complicated Term:	Make sure to define anything that you allude to in the text
Parameter:	Description of the parameter. This is not the same as the List of Symbols.

APPENDIX A

Special Stuff

A.1 APPENDIX TABLES

If you plan on using tables and/or figures in an Appendix, make sure that you use `\chapter{}` instead of `\chapter*{}`. This is to ensure that your figures and tables that are included in the Appendix have a leading letter for enumeration.
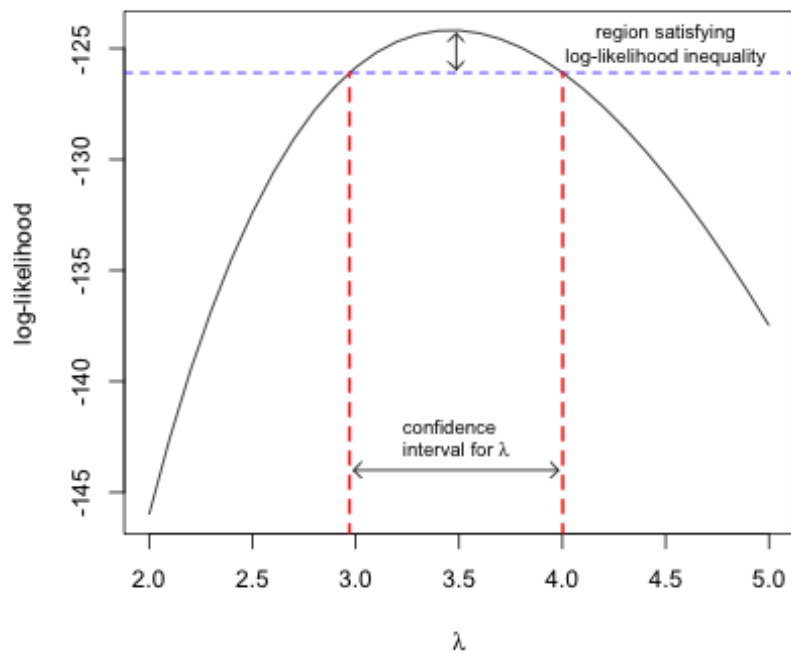

Figure A.1: Caption line below the figure.

LIST OF JOURNAL ABBREVIATIONS

Am J Epidemiol	American Journal of Epidemiology
Am J Public Health ...	American Journal of Public Health
Am Stat	The American Statistician
Ann Intern Med	Annals of Internal Medicine
Ann Stat	The Annals of Statistics
Arch Intern Med	Archives of Internal Medicine
BMJ	The British Medical Journal
Can J Stat	The Canadian Journal of Statistics
IEEE Trans Automat Contr	Institute of Electrical and Electronics Engineers Transactions on Automatic Control
JAMA	Journal of the American Medical Association
JASA	Journal of the American Statistical Association
J R Stat Soc Ser B	Journal of the Royal Statistical Society. Series B (Statistical Methodology)
J R Stat Soc Ser C	Journal of the Royal Statistical Society. Series C (Applied Statistics)
J Stat Softw	The Journal of Statistical Software
N Engl J Med	New England Journal of Medicine
Stat Med	Statistics in Medicine

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Defense date:	April 4, 2018
Summary:	A few sentences of summary

Original, Peer Reviewed Publications (newest first):

1. Other authors, Your name, More Authors. Title of the most recent article published. *Journal where published*. 2018 May 15. doi: 10.1093/xxx. [Epub ahead of print] PubMed ID: XXX.

2. John Famous and Example Student. *A special case of a well known conjecture*. Fancy Math. J. **46** no. 3 (2007), 473-490.