

MY KICK-ASS DISSERTATION

by

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B.S., Best University Ever, 2001

M.S., Super Cool University, 2005

A thesis submitted to the  
Faculty of the Graduate School of the  
University of Colorado in partial fulfillment  
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Moe O. Committee

Date Date-Fran-Approves-Thesis

Student, Awesome Q. (Ph.D., Biostatistics)

My Kick-ass Dissertation

Thesis directed by Associate Professor Bob Q. Advisor

## ABSTRACT

My dissertation is about stuff. This is the abstract describing that stuff. Please give me a Ph.D. already. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

The form and content of this abstract are approved. I recommend its publication.

Approved: Bob Q. Advisor

To quokkas, for being the happiest rodent on earth.

## ACKNOWLEDGEMENTS

I would like to thank the academy for...

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# CHAPTER I

## INTRODUCTION

Here is the mind-blowing introduction to my dissertation. It is so awesome, you had better sit down. Here's some stuff another dude did (?).

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

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vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst. Pellentesque non elit. Fusce sed justo eu urna porta tincidunt. Mauris felis odio, sollicitudin sed, volutpat a, ornare ac, erat. Morbi quis dolor. Donec pellentesque, erat ac sagittis semper, nunc dui lobortis purus, quis congue purus metus ultricies tellus. Proin et quam. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos. Praesent sapien turpis, fermentum vel, eleifend faucibus, vehicula eu, lacus.

## CHAPTER II

### INCREDIBLY GREAT PAPER 1<sup>1</sup>

#### II.1 Summary

So you are not allowed to display an abstract in UCD formatting rules. If you still want your abstract for each separate paper, you can add a summary section, like this. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

#### II.2 Introduction

Intro stuff. Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

#### II.3 Notation

Notation section, because everyone loves math. Nulla malesuada porttitor diam.

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<sup>1</sup>This chapter has been submitted for publication to the Journal of Something Really Important by Coauthor 1 and Coauthor 2.

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## II.4 New Methods

Because every Ph.D. wants to make something new and fancy.

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## II.5 Simulation experiment

Because we love made up data.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

This is the second paragraph. Hello, here is some text without a meaning. This



text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

And after the second paragraph follows the third paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

After this fourth paragraph, we start a new paragraph sequence. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

## II.6 Discussion

Some interpretations that we totally pulled out of our, well you get the point.

This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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This is the second paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

## CHAPTER III

### MY SECOND PAPER<sup>2</sup>

#### III.1 Summary

Abstract of paper 2 Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

#### III.2 Introduction

Wow, look at all the cool stuff I did. You should really hire me.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

#### III.3 Notation

More cool math.

- First item in a list

---

<sup>2</sup>This chapter has been submitted for publication to the Journal of Perpetual Rejection by Coauthor 1, Coauthor2, and Coauthor 3.

- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

For  $X_1, \dots, X_n$  independent and identically distributed from a distribution with finite mean  $\mu$  and finite variance  $\sigma^2$ , as  $n \rightarrow \infty$

$$\sqrt{n} (\bar{X}_n - \mu) \xrightarrow{\mathcal{L}} \mathcal{N}(0, \sigma^2).$$

Of course you'll need to reference equation (III.1) too.

$$1 = \int_{-\infty}^{\infty} \phi(x) dx \tag{III.1}$$

### III.4 Simulation study

Fake data are my favorite kind of data.

And now, a table.

Table III.1: Why quokkas are happier than you (table captions go above the table)

| Writing a dissertation? |     |
|-------------------------|-----|
| Quokkas                 | No  |
| You                     | Yes |

### III.5 Conclusions

Seriously, I really need a job and look at all the stuff I just wrote!



Figure III.1: Behold! The happy quokka. Also, notice that Figure captions go below the figure

## CHAPTER IV

### MY THIRD PAPER<sup>3</sup>

#### IV.1 Summary

Abstract for Paper 3 goes here.

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

#### IV.2 Introduction

Paper 3 will melt your eyeballs with intellectual glory.

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<sup>3</sup>This chapter has been submitted for publication to Journal of We Secretly Love Listening to Abba, by Coauthor 1, Coauthor 2, Coauthor 3, and Coauthor 4.

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### IV.3 Notation

I am just going to assume that every dissertation should include math, because I am a statistician and you should be one too when you grow up.

- First item in a list
- Second item in a list

- Third item in a list
- Fourth item in a list
- Fifth item in a list

#### IV.4 New Methods

Here is cool new math that I made up after a caffeine crazed evening with a multivariate theory book.

Table IV.1: Counts and row percentages for those who died by the primary predictor, BMI, in three formats, and the secondary predictor variables as well. Logistic regression results are presented for estimating the odds of death. Note that there is a short caption used in the list of tables

|                      |           | Logistic Regression, Odds of Death |      |       |         |
|----------------------|-----------|------------------------------------|------|-------|---------|
|                      |           | OR                                 | lcl  | ucl   | p-value |
| <b>BMI</b>           |           |                                    |      |       |         |
| Normal Weight        | Reference |                                    |      |       |         |
| Underweight          |           | 1.10                               | 0.37 | 3.23  | 0.8656  |
| Overweight           |           | 1.28                               | 0.69 | 2.40  | 0.4352  |
| Obesity Class I      |           | 1.72                               | 0.86 | 3.42  | 0.1217  |
| Obesity Class II     |           | 1.62                               | 0.69 | 3.85  | 0.2703  |
| Obesity Class III    |           | 2.81                               | 1.10 | 7.17  | 0.0302  |
| <b>Diabetes</b>      |           |                                    |      |       |         |
| No                   | Reference |                                    |      |       |         |
| Yes                  |           | 0.80                               | 0.25 | 2.62  | 0.7131  |
| <b>Pre-eclampsia</b> |           |                                    |      |       |         |
| No                   | Reference |                                    |      |       |         |
| Yes                  |           | 2.21                               | 0.27 | 17.93 | 0.4580  |
| <b>Steroids</b>      |           |                                    |      |       |         |
| No                   | Reference |                                    |      |       |         |
| Yes                  |           | 0.74                               | 0.17 | 3.17  | 0.6803  |

#### IV.5 Applied example

Here's how to use my cool methods on real data, because I got bored with simulations. And they take too long to run, anyway.

## IV.6 Discussion

Don't say I didn't warn you about the eyeball melting thing.

## CHAPTER V

### BIG EPIC CONCLUSION CHAPTER

OMG, wasn't my dissertation like the coolest thing ever???!!!!

Yes it is. So is the Colorado Avalanche winning the central division see Figure [V.1!](#)

And after the second paragraph follows the third paragraph. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

After this fourth paragraph, we start a new paragraph sequence. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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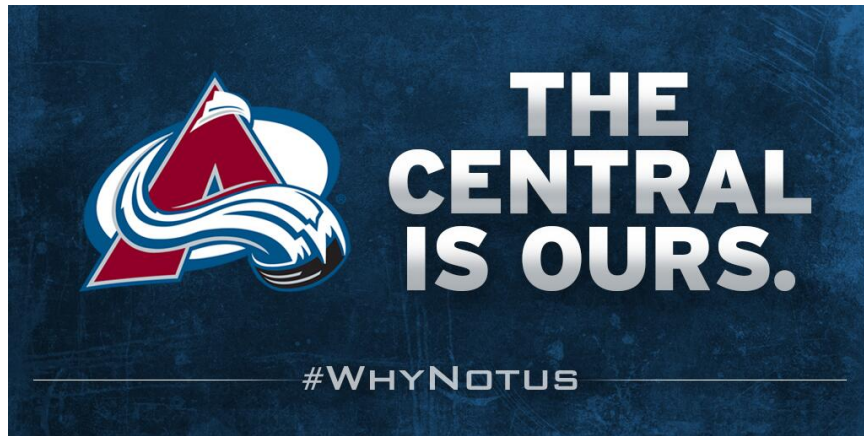


Figure V.1: With the Blues putting up a goose egg against the Wings on the last day of the 2013-2014 regular season, the Avs won the division before taking the ice for their last game of the regular season against the Ducks.

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## APPENDIX A

### MIND-ALTERING APPENDIX

No specific formatting rules for appendices, but make sure it is awesome. Also, here's an example of the theorem environment.

#### A.1 Theorems

*Theorem A.1.1.*

Some stuff is true (?).

*Proof*

Because I said so.