XXTitle

XXAuthor name

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XX ECTS thesis submitted in partial fulfillment of a
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Dedication

Abstract

bla

Útdráttur

bla

Preface

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Abbreviations

Acknowledgments

1 Introduction

This is the introduction

1.1 Some section

This is some section

1.1.1 This is some subsection

This is some subsection

2 Examples

Here are some examples

2.1 R code

Load some library

```r
library(tidyverse)
library(knitr)
library(kableExtra)
library(ggthemes)
theme_set(theme_tufte() +
            theme(panel.border = element_rect('black', fill = NA)))
```

Load some data

```r
mtcars %>%
  filter(row_number() <= 10) %>%
  kable(booktabs = T, 'latex') %>%
  kable_styling(full_width = F,
                bootstrap_options = 'striped',
                latex_options = 'hold_position')
```

mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
21.0	6	160.0	110	3.90	2.620	16.46	0	1	4	4
21.0	6	160.0	110	3.90	2.875	17.02	0	1	4	4
22.8	4	108.0	93	3.85	2.320	18.61	1	1	4	1
21.4	6	258.0	110	3.08	3.215	19.44	1	0	3	1
18.7	8	360.0	175	3.15	3.440	17.02	0	0	3	2
18.1	6	225.0	105	2.76	3.460	20.22	1	0	3	1
14.3	8	360.0	245	3.21	3.570	15.84	0	0	3	4
24.4	4	146.7	62	3.69	3.190	20.00	1	0	4	2
22.8	4	140.8	95	3.92	3.150	22.90	1	0	4	2
19.2	6	167.6	123	3.92	3.440	18.30	1	0	4	4

2.2 Figures

Create some simple plot

```
mtcars %>%
  select(-vs, -am) %>%
  gather(variable, value, -cyl) %>%
  ggplot(aes(x = factor(cyl), y = value)) +
  geom_boxplot() +
  facet_wrap(~variable, scales = 'free', ncol = 2)
```