This is the title: it contains a colon

By

AUTHOR ONE

B.S. (My Uni) 2008

DISSERTATION

Submitted in partial satisfaction of the requirements for the degree of

DOCTOR OF PHILOSOPHY

in

my grad group

in the

OFFICE OF GRADUATE STUDIES

of the

UNIVERSITY OF CALIFORNIA

DAVIS

Approved:

_____

My Chair, Chair

_____

Member One

_____

Member Two

Committee in charge

2015

For my parents

and for others

Contents

List of Tables

List of Figures

Author One
November 2015
my grad group

This is the title: it contains a colon

Abstract

This is the abstract.

It consists of two paragraphs.

Acknowledgments

A great many folks

A second paragraph of folks and institutions

Chapter 1

Chapter 1 Title

1.1   Intro

According to Hutchinson, (1959) . . . Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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1.2   Body

Can include figures in latex

or in markdown, but these will be brought in at actual size so must be scaled beforehand.
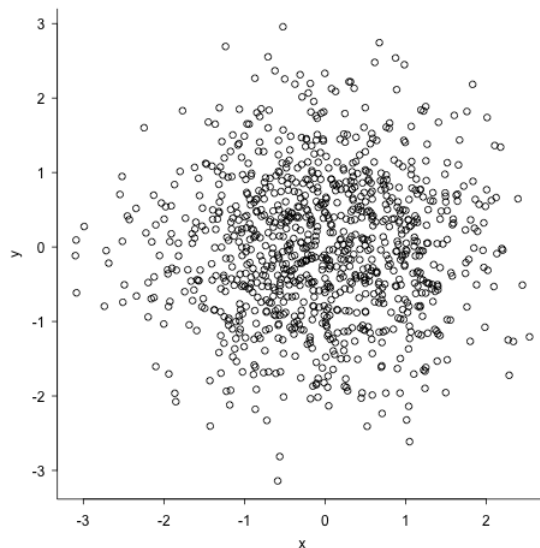
Figure 1.1: Long caption of this very nice figure which will appear in the list of figures unless we use full latex syntax to specify figures within our markdown document

Also, there is no way to specify the short caption except by editing the intermediate .tex file

Correlation was non-existent (Figure 1.1) to be sure we plotted it twice (Figure (fig. 1.2)). Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

We can equation ref in latex, like in (1.1)

$$x = y \tag{1.1}$$

or in markdown (using `pandoc-crossref`) as in (eq. 1.2)
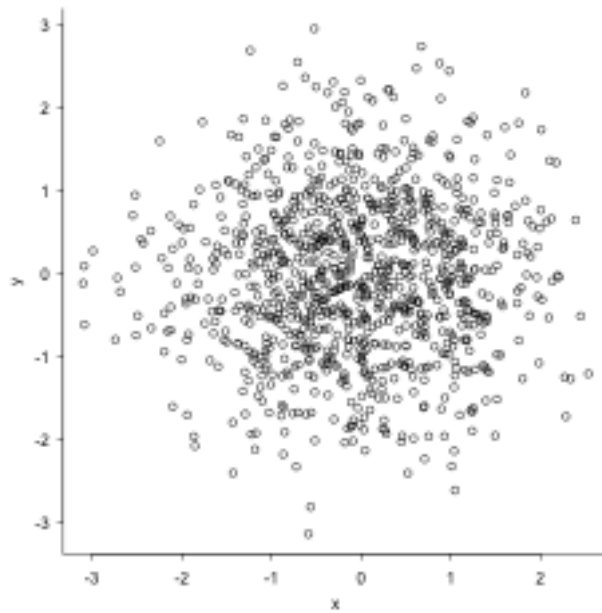
$$x = z \tag{1.2}$$

Figure 1.2: Long caption of this very nice figure which will appear in the list of figures unless we use full latex syntax to specify figures within our markdown document

1.3 Discussion

dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

1.4 Appendix: Code

Use markdown (4 spaces) to indent code blocks

```
##  setting  value
##  version  R version 3.2.4 (2016-03-10)
##  system   x86_64, darwin13.4.0
##  ui       X11
##  language (EN)
##  collate  en_US.UTF-8
##  tz       America/Los_Angeles
##  date     2016-05-23
##
```

```
##    package        * version    date        source
##    assertthat       0.1         2013-12-06 CRAN (R 3.2.0)
##    colorspace       1.2-6       2015-03-11 CRAN (R 3.2.0)
plot(1, 1)
```

Chapter 2

Chapter 2 Title

2.1 Introduction

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

As discussed in Chapter 1 Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

2.2 Results

Table 2.1 is extremely interesting. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim

veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Table 2.1: Genotype frequencies

Zygote	aa	aA	AA
Frequency	p_i^2	$2p_i(1-p_i)$	$(1-p_i)^2$

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Chapter 3

Chapter 3 Title

3.1 Intro

3.2 Methods

References

Hutchinson, G Evelyn (1959). "Homage to Santa Rosalia or why are there so many kinds of animals?" In: *American Naturalist*, pp. 145–159.