

Survey of Anthropology

A textbook for ANTH&100 at Lower Columbia College

Trey Batey

2017-10-05

Contents

Preface	5
TLDR: What’s under the hood?	5
1 Introduction	7
1.1 What is anthropology?	7
1.2 Chapter/section labeling	7
1.3 Figures and tables	7
1.4 Citations with bookdown	7
2 Humans’ Place in Nature	9
3 Human Culture	11
4 Archaeology: Studying Past Human Behavior	13
5 Language and Culture	15

Preface

This is a sample textbook for ANTH&100–Survey of Anthropology at Lower Columbia College.

TLDR: What’s under the hood?

This book written using files written in either in Markdown or R Markdown. You can use anything that Pandoc’s Markdown supports, e.g., a math equation $a^2 + b^2 = c^2$.

For now, you have to install the development versions of **bookdown** from Github:

```
devtools::install_github("rstudio/bookdown")
```

Remember each Rmd file contains one and only one chapter, and a chapter is defined by the first-level heading #.

To compile this example to PDF, you need to install XeLaTeX.

Chapter 1

Introduction

1.1 What is anthropology?

1.2 Chapter/section labeling

You can label chapter and section titles using `{#label}` after them, e.g., we can reference Chapter 1. If you do not manually label them, there will be automatic labels anyway, e.g., Chapter 4.

1.3 Figures and tables

Figures and tables with captions will be placed in `figure` and `table` environments, respectively.

```
p <- ggplot(dnica, aes(x = age, fill = sex)) + geom_histogram(position = "dodge", alpha = 0.6) + ggtitle("p")
```

```
# par(mar = c(4, 4, .1, .1))  
# plot(pressure, type = 'b', pch = 3)
```

Reference a figure by its code chunk label with the `fig:` prefix, e.g., see Figure 1.1. Similarly, you can reference tables generated from `knitr::kable()`, e.g., see Table 1.1.

```
knitr::kable(  
  head(iris, 20), caption = 'Here is a nice table!',  
  booktabs = TRUE  
)
```

1.4 Citations with bookdown

You can write citations, too. For example, we are using the **bookdown** package (Xie, 2017) in this sample book, which was built on top of R Markdown and **knitr** (Xie, 2015).

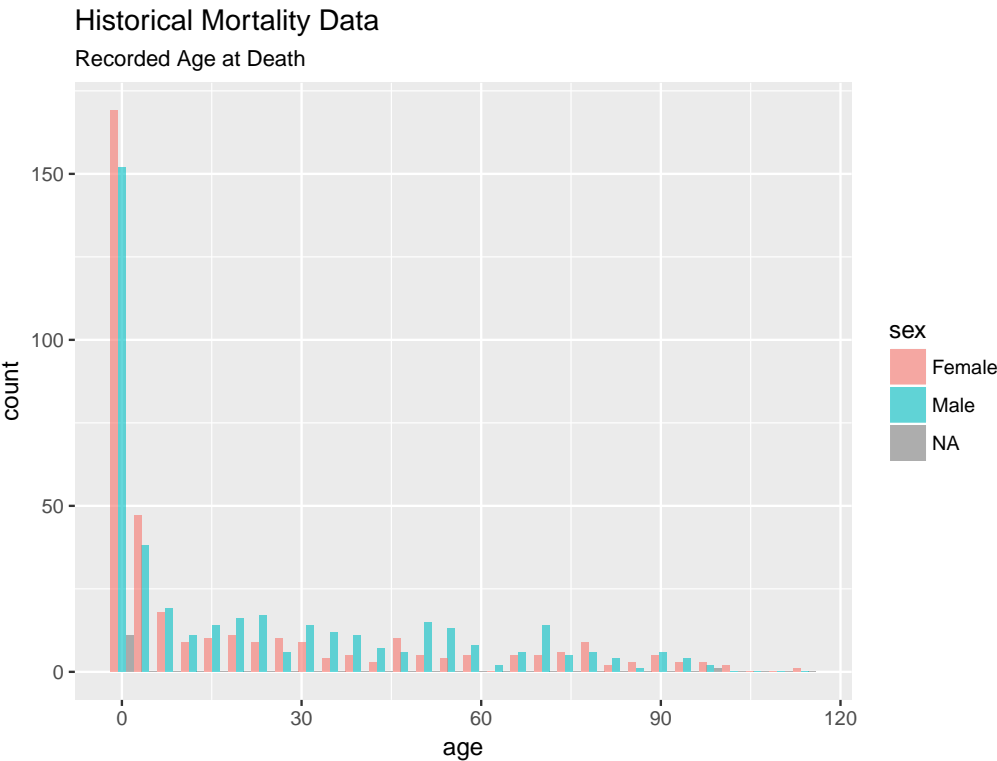


Figure 1.1: Here is a nice figure!

Table 1.1: Here is a nice table!

Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
5.1	3.5	1.4	0.2	setosa
4.9	3.0	1.4	0.2	setosa
4.7	3.2	1.3	0.2	setosa
4.6	3.1	1.5	0.2	setosa
5.0	3.6	1.4	0.2	setosa
5.4	3.9	1.7	0.4	setosa
4.6	3.4	1.4	0.3	setosa
5.0	3.4	1.5	0.2	setosa
4.4	2.9	1.4	0.2	setosa
4.9	3.1	1.5	0.1	setosa
5.4	3.7	1.5	0.2	setosa
4.8	3.4	1.6	0.2	setosa
4.8	3.0	1.4	0.1	setosa
4.3	3.0	1.1	0.1	setosa
5.8	4.0	1.2	0.2	setosa
5.7	4.4	1.5	0.4	setosa
5.4	3.9	1.3	0.4	setosa
5.1	3.5	1.4	0.3	setosa
5.7	3.8	1.7	0.3	setosa
5.1	3.8	1.5	0.3	setosa

Chapter 2

Humans' Place in Nature

This chapter explores how anthropologists view humans' place in the natural world.

Chapter 3

Human Culture

This chapter explores the concept of *culture* from an anthropological perspective.

Chapter 4

Archaeology: Studying Past Human Behavior

This chapter explores the method, theory, and practice of archaeology—the study of past human behavior.

Chapter 5

Language and Culture

This chapter explores the significance of language for the our species.

Bibliography

Xie, Y. (2015). *Dynamic Documents with R and knitr*. Chapman and Hall/CRC, Boca Raton, Florida, 2nd edition. ISBN 978-1498716963.

Xie, Y. (2017). *bookdown: Authoring Books and Technical Documents with R Markdown*. R package version 0.5.