NICHOLAS TIERNEY

A MINIMAL EXAMPLE OF WRITING A THESIS US-ING BOOKDOWN AND TUFT

Copyright

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Signature

Date

We the co-authors agree to the use of the papers in this thesis in fulfilment of the requirements for the degree of Doctor of Philosophy

Alfred Frink (Principal Supervisor, Co-Author) Date

Dedication

This thesis is dedicated to my family.

Abstract

Keywords

Science, Simpsons, Frink.

Acknowledgements

Many people...

Firstly,

And finally...

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1
Introduction

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 4.0.

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

```
par(mar = c(4, 4, 0.1, 0.1))
plot(pressure, type = "b", pch = 19)
```

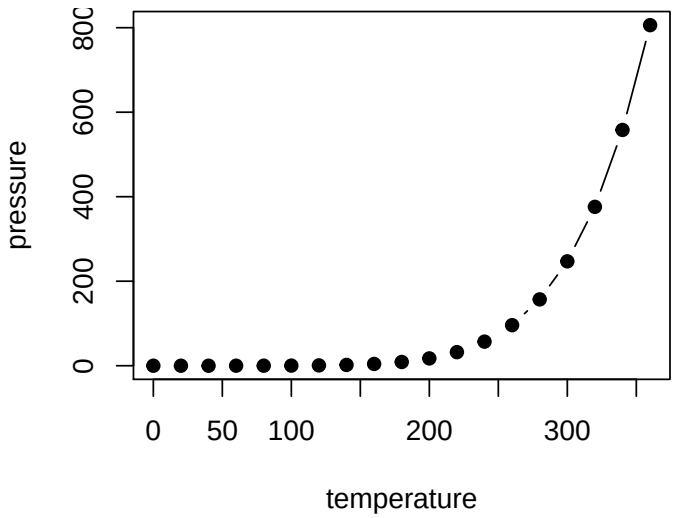

Figure 1.1: Here is a nice figure!

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
)
```

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

You can write citations, too. For example, we are using the **bookdown** package (Xie 2016) in this sample book, which was built on top of R Markdown and **knitr** (Xie 2015).

2
Literature Review

3
Paper Title

1.0 Abstract

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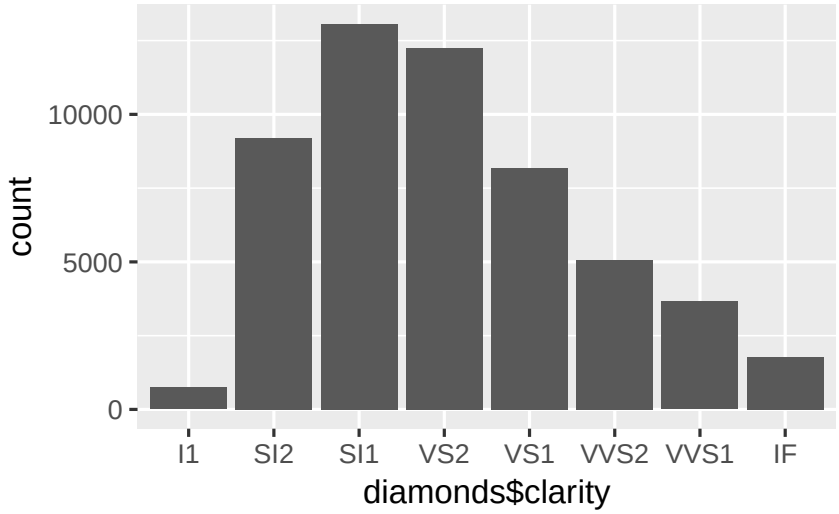
example plot:

```
library(ggplot2)

qplot(diamonds$clarity)
```



Example table.

```
knitr::kable(head(mtcars), caption = "testing!")
```

Table 3.1: testing!

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Mazda RX4	21.0	6	160	110	3.90	2.620	16.46	0	1	4	4
Mazda RX4 Wag	21.0	6	160	110	3.90	2.875	17.02	0	1	4	4
Datsun 710	22.8	4	108	93	3.85	2.320	18.61	1	1	4	1
Hornet 4 Drive	21.4	6	258	110	3.08	3.215	19.44	1	0	3	1
Hornet Sportabout	18.7	8	360	175	3.15	3.440	17.02	0	0	3	2
Valiant	18.1	6	225	105	2.76	3.460	20.22	1	0	3	1

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Discussion

1.0 Conclusions

Xie, Yihui. 2015. *Dynamic Documents with R and Knitr*. 2nd ed. Boca Raton, Florida: Chapman; Hall/CRC. `http://yihui.name/knitr/`.

———. 2016. *Bookdown: Authoring Books and Technical Documents with R Markdown*. `https://github.com/rstudio/bookdown`.

Appendix A

Initial Appendix...

Appendix B

Second Appendix...