The Open Quant Live Book

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Working Content

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Part I The Basics

Chapter 1

Introduction

We 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 ??.

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

```
par(mar = c(4, 4, .1, .1))
plot(pressure, type = 'b', pch = 19)
```

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
)
```

You can write citations, too. For example, we are using the **bookdown** package (Xie, 2018) in this sample book, which was built on top of R Markdown and **knitr** (Xie, 2015).

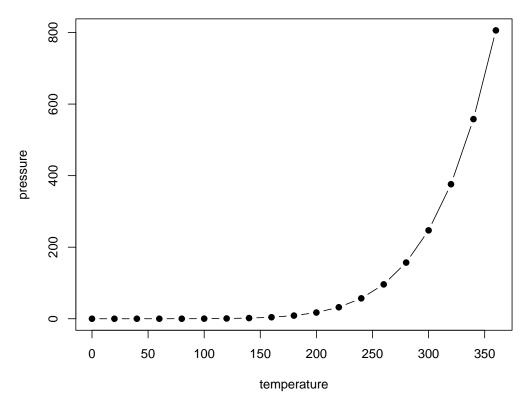


Figure 1.1: Here is a nice figure!

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				

Bibliography

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

Xie, Y. (2018). bookdown: Authoring Books and Technical Documents with R Markdown. R package version 0.8.