Singapore Society in Numbers

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Last updated: 2019-05-18

Contents

Preface

This online book is a compilation of resources aimed at advancing quantitative social science in Singapore. It is meant to be a 'living document', so it will be updated as frequently as possible. The main goal is to promote interest and rigour in quantitative social science on Singapore. It does so by:

1. Providing information on *Singapore-relevant datasets* that are currently used to answer research and policy questions (Chapter 1 and Chapter 2). This includes:

- Descriptions of **publicly available** datasets and how to access them. This overview of the 'data landscape' will be helpful for social scientists to get started with research on Singapore, and prevent wasteful overlap in primary data collection across institutions.
- A list of **non-publicly available** or **restricted** datasets that could be used to answer important research or policy questions if access was granted. If available, details on the dataset and reasons for data restriction will also be listed. It is hoped that this list will promote greater transparency in data sharing across research teams.

2. Maintaining a repository of **replicable** case studies (with annotated code, where possible) on Singapore society which can be used for illustrations in any quantitatively oriented college-level class (Chapter 3 to Chapter 6). These may be short summaries (blog-length) of published work, or side analyses that may not be appropriate for an academic journal but are useful for Singapore social science nonetheless.

3. Occasional think pieces by researchers on best practices and on how to improve quantitative social science in Singapore (Chapter 7).

About me

The purpose of this book

Part I

Datasets

Chapter 1

Public

List of public data

Chapter 2

Restricted

List of restricted data

Part II

Case Studies

Chapter 3

Race

This is a section on race

3.1 Witty title for Case 1

This is an example of in-line code annotation and output.

```
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 3.1. Similarly, you can reference tables generated from `knitr::kable()`, e.g., see Table 3.1.

```
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).
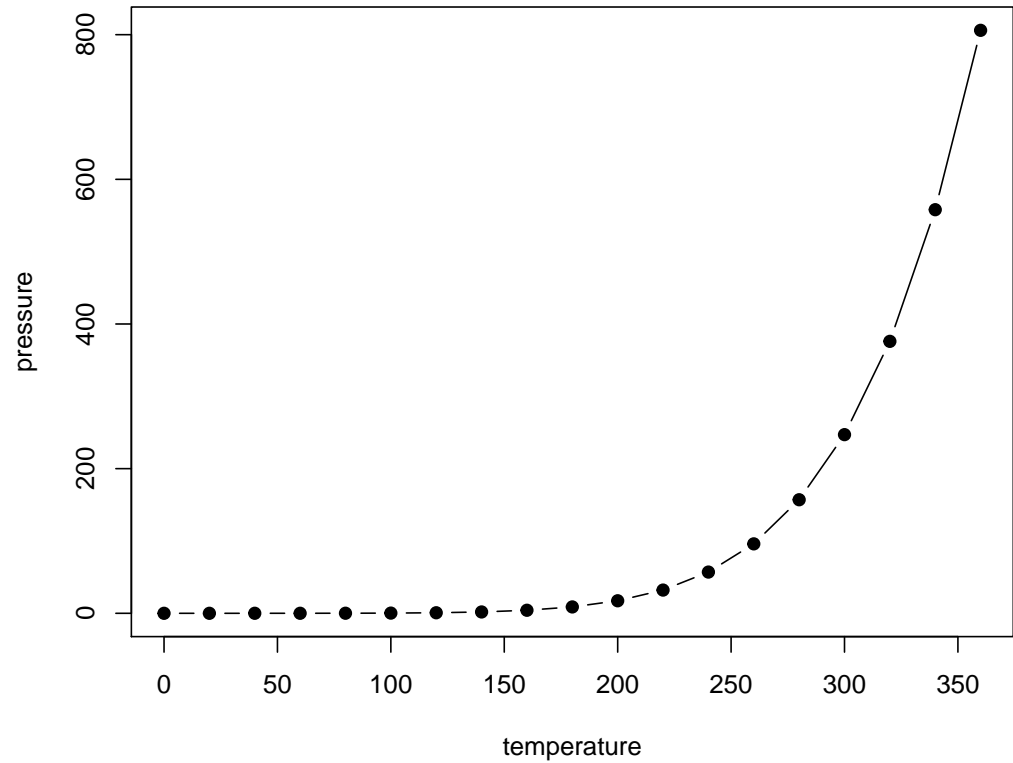
Figure 3.1: Here is a nice figure!

Table 3.1: 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 4

Gender

Gender sections

4.1   Example one

4.2   Example two

Chapter 5

Class / SES

Class section.

5.1   Example one

5.2   Example two

Chapter 6

Life Course

Life course sections

Part III

Think Pieces

Chapter 7

Think

Think pieces section

7.1   Think piece 1

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 0.9.