

Singapore Society in Numbers

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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 *restricted* or *non-publicly available* 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 on Singapore society** (with annotated code, where possible) which can be used for illustrations in any quantitatively oriented college-level class (Chapter 3 to Chapter 7). 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 8).

The purpose of this book

Little write-up about why this ‘book’ was written

How to contribute

Instructions on how to list a dataset, contribute a case study, or write a think piece for this page.

Acknowledgements

This book is being written through the **bookdown** package (Xie, 2019), which was built on top of R Markdown and **knitr** (Xie, 2015).

About me

Little write-up about myself

Contributors

Part I

Datasets for Social Science

Chapter 1

Public Data

List of public data

Chapter 2

Restricted Data

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)
```

Figures can be referenced, 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  
)
```



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

Religion

Religion section

6.1 Example 1

Chapter 7

Life Course

Life course sections

Part III

Think Pieces

Chapter 8

Thinking about Numbers

Think pieces section

8.1 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. (2019). *bookdown: Authoring Books and Technical Documents with R Markdown*. R package version 0.10.