

# A Minimal Book Example

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# Chapter 1

## Prerequisites

This is a *sample* book written in **Markdown**. You can use anything that Pandoc's Markdown supports, e.g., a math equation  $a^2 + b^2 = c^2$ .

The **bookdown** package can be installed from CRAN or Github:

```
install.packages("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 XeLaTeX. You are recommended to install TinyTeX (which includes XeLaTeX): <https://yihui.name/tinytex/>.



## Chapter 2

# Introduction

There are 23722 respondents in this dataset aged 15-29, with 17724 reporting on a total of 24469 sexual partnerships.





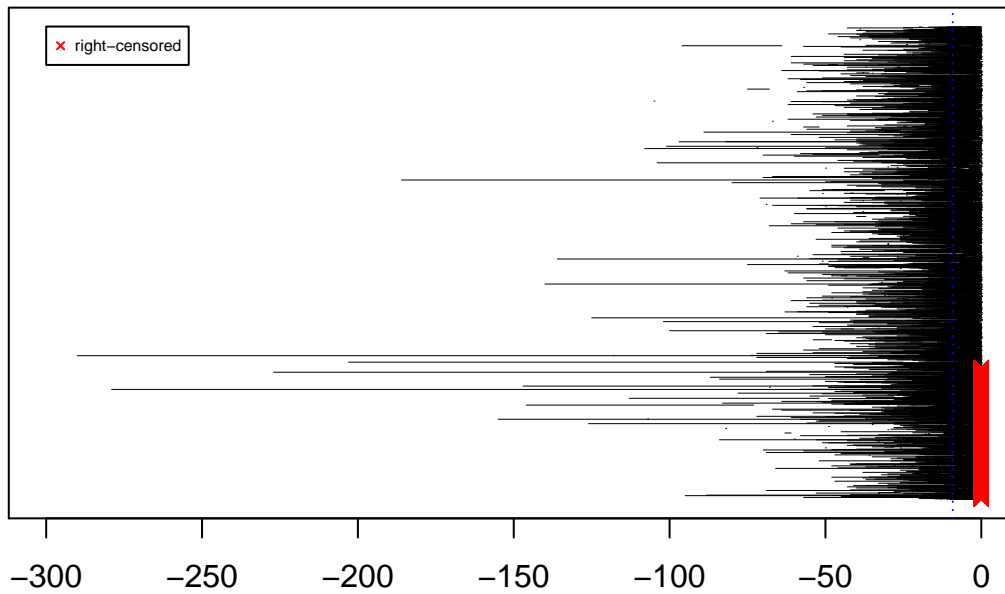


## Chapter 3

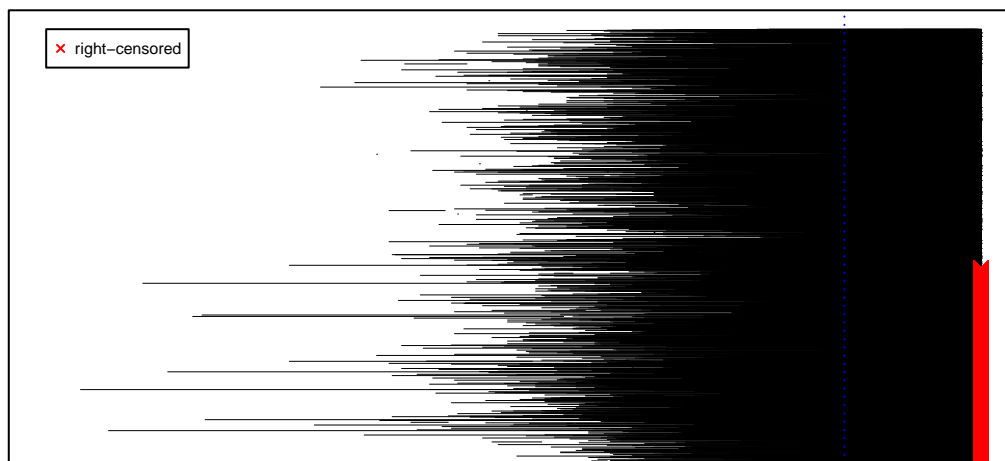
# Visualization

### 3.1 1. Egos 15-29, Unrestricted Alters

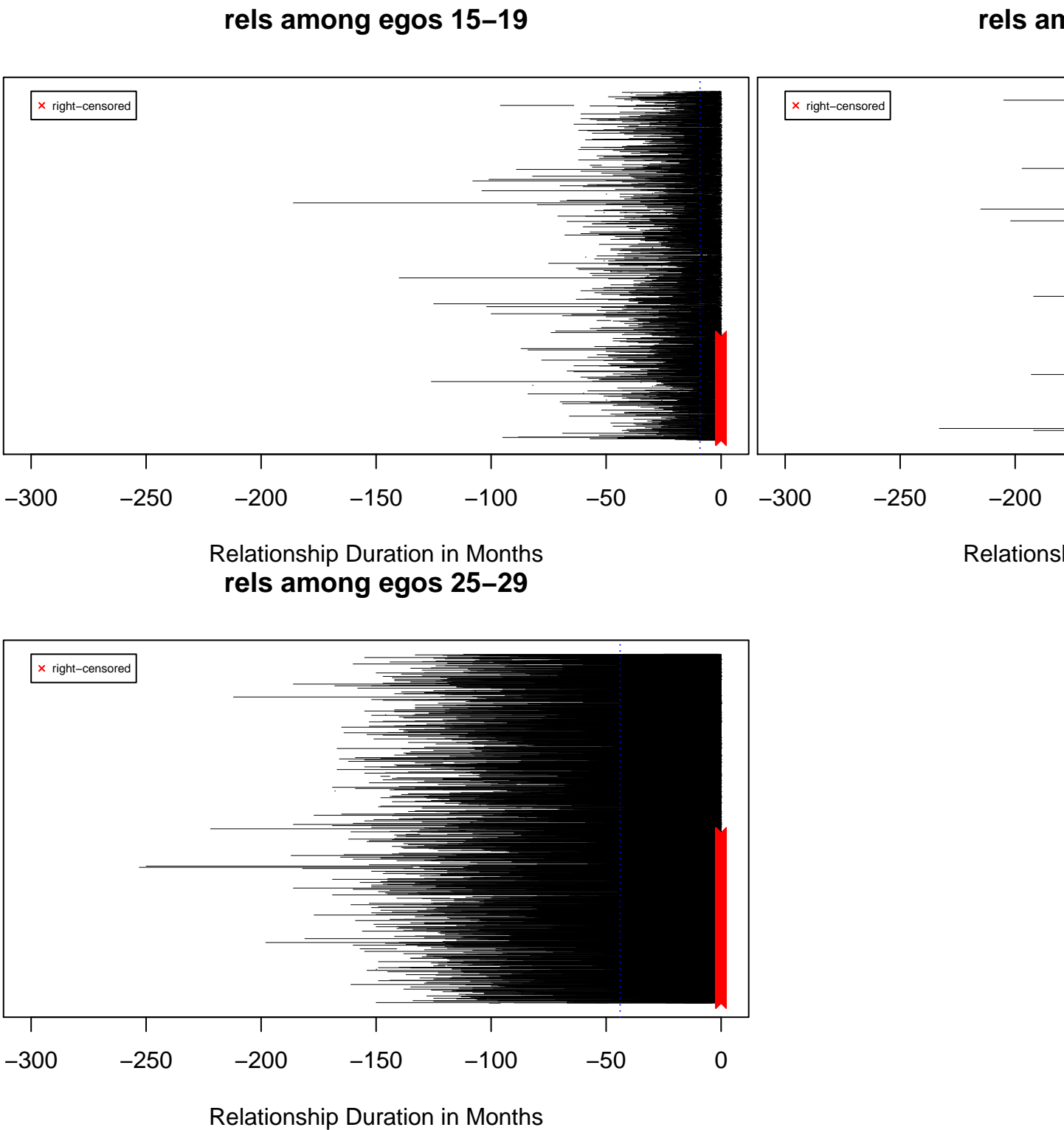
**rels among egos 15–19**



**rels among egos 25–29**



3.2 2. Egos 15-29, Alters 15-29



**3.2.1 3. Proportion of Alters within Population 15-29**

props

15-19

90.54

20-24

91.08

25-29

68.35

## Chapter 4

# On-going vs complete

How does mean/distribution of right-censored data compare to mean of complete?



## Chapter 5

# Applications

Some *significant* applications are demonstrated in this chapter.

### 5.1 Example one

### 5.2 Example two





## Chapter 6

# Final Words

We have finished a nice book.