ASSIGNMENT 4

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2020-06-16

library(rmarkdown) library(tinytex) library(pandoc)

Markdown Basics

Favorite Foods

1. Dairy Queen Blizzard
2. Coffee
3. Chicken Wings

Images

Add a Quote

> Yoda said: "Do or do not. There is no try."

Add an Equation

$$pie = (4/1) - (4/3) + (4/5) - (4/7) + (4/9) - (4/11) + (4/13) - (4/15)...$$

Add a Footnote

Yoda: Star Wars. Empire Strikes Back (1980)[1]:

Add Citations

- " When I was 8 years old, my parents bought me a guitar for Christmas. Even then, I'd desperately wanted to play the guitar for years." (Field, Miles, and Field 2012)
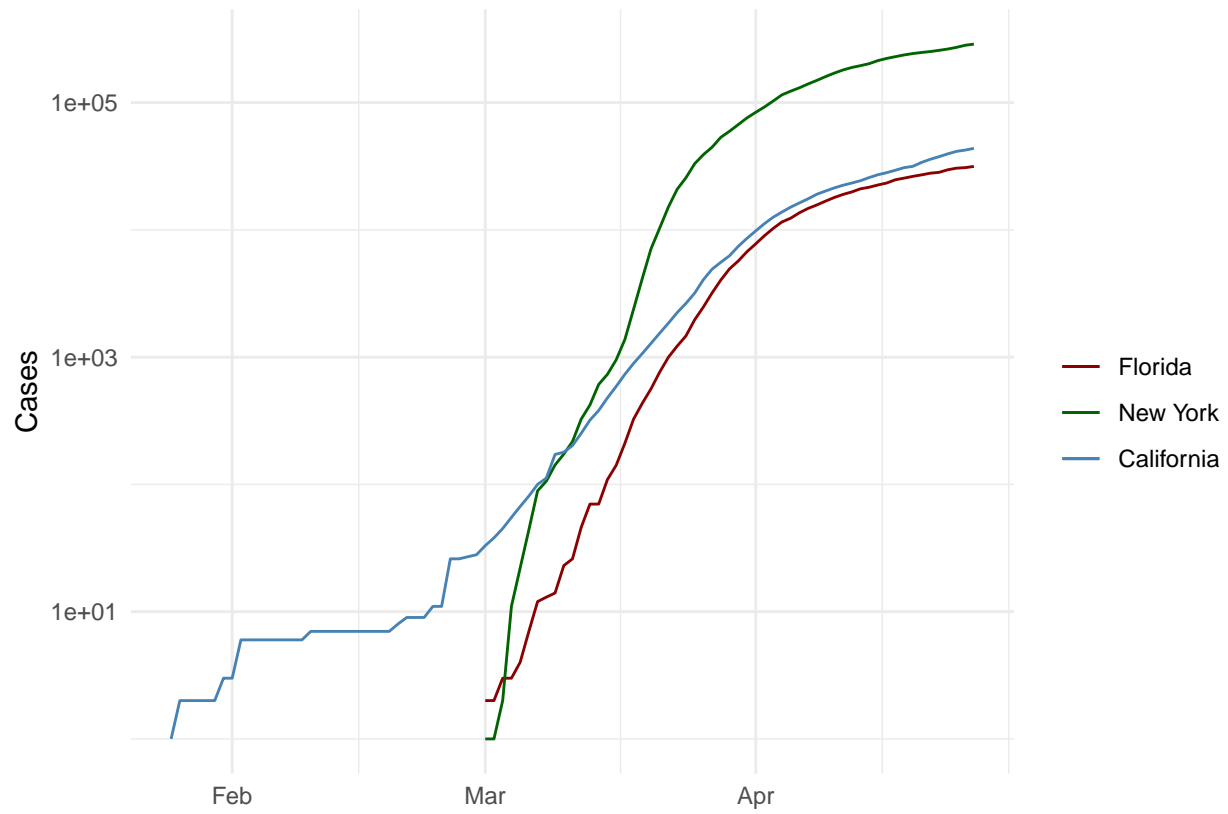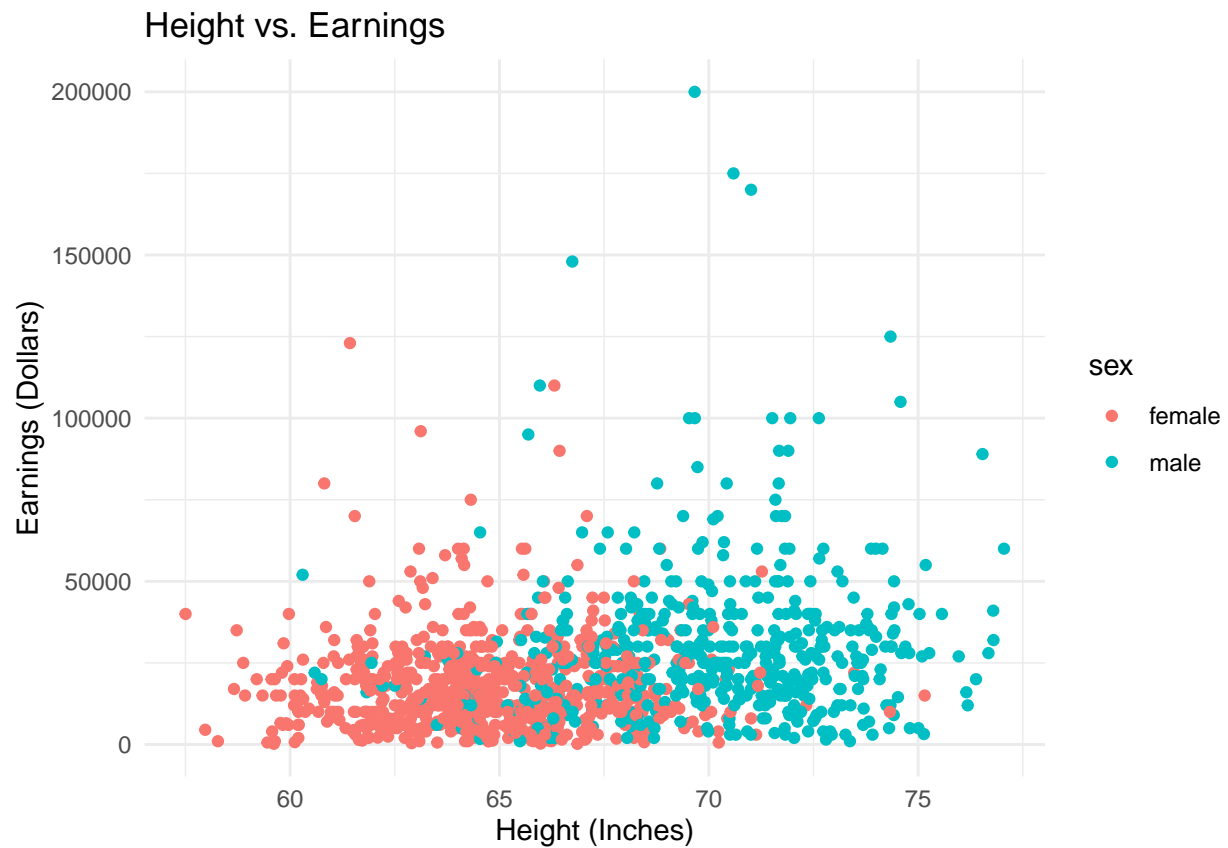
- R for Everyone (Lander 2014)

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[1] 1

Figure 1: All Cases (Log Plot)

Inline Code

NY Times COVID-19 Data

R4DS Height vs Earnings

Height vs. Earnings

Tables

Knitr Table with Kable

Table 1: One Ring to Rule them all

Name	Race	In Fellowship	Ring Bearer	Age
Aragon	Men	TRUE	FALSE	88
Bilbo	Hobbit	FALSE	TRUE	129
Frodo	Hobbit	TRUE	TRUE	51
Galadriel	Elf	FALSE	FALSE	7000
Sam	Hobbit	TRUE	TRUE	36
Gandalf	Maia	TRUE	TRUE	2019
Legolas	Elf	TRUE	FALSE	2931
Sauron	Maia	FALSE	TRUE	7052
Gollum	Hobbit	FALSE	TRUE	589

Pandoc Table

##

```
##
## +--------+--------+--------+---------------+-------------+------+
## |   |  Name  |  Race  | In Fellowship | Ring Bearer | Age  |
## +========+========+========+===============+=============+======+
## | **1**  | Aragon |  Men   |     TRUE      |    FALSE    |  88  |
## +--------+--------+--------+---------------+-------------+------+
## | **2**  | Bilbo  | Hobbit |     FALSE     |    TRUE     | 129  |
## +--------+--------+--------+---------------+-------------+------+
## | **3**  | Frodo  | Hobbit |     TRUE      |    TRUE     |  51  |
## +--------+--------+--------+---------------+-------------+------+
## | **5**  |  Sam   | Hobbit |     TRUE      |    TRUE     |  36  |
## +--------+--------+--------+---------------+-------------+------+
## | **8**  | Sauron |  Maia  |     FALSE     |    TRUE     | 7052 |
## +--------+--------+--------+---------------+-------------+------+
##
## Table: One Ring to Rule them all
```

References

Field, A., J. Miles, and Z. Field. 2012. *Discovering Statistics Using R*. SAGE Publications. https://books.google.com/books?id=wd2K2zC3swIC.

Lander, J. P. 2014. *R for Everyone: Advanced Analytics and Graphics*. Addison-Wesley Data and Analytics Series. Addison-Wesley. https://books.google.com/books?id=3eBVAgAAQBAJ.