

ASSIGNMENT 4

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2020-01-07

Markdown Basics

1. Under the ## Favorite Foods section, add an ordered list of your top three favorite foods
2. Under the ## Images section, insert the image 10-all-cases-log.png from completed/assignment04/plots/ directory with the caption All Cases (Log Plot)
3. Add one of your favorite quotes under the ## Add a Quote section.
4. Add a LaTeX formatted equation under the ## Add an Equation section.
5. Add any footnote under the ## Add a Footnote section.
6. Under the ## Add Citations section, create an unordered list with R for Everyone and Discovering Statistics Using R with the proper citations.

Favorite Foods

1. Pizza
2. spicy poblano omelette
3. Mexican Tres Leches Pancakes

Images

Add a Quote

Remembering that you are going to die is the best way I know to avoid the trap of thinking you have something to lose. You are already naked. There is no reason not to follow your heart. – Steve Jobs, CEO of Apple

Add an Equation

$$E = mc^2$$

$$\sqrt{a^2 - b^2}$$
$$\frac{2xy^2}{4}$$

Add a Footnote

This is a footnote.¹

Add Citations

- R for Everyone (Lander 2014)
- Discovering Statistics Using R (Field, Miles, and Field 2012)

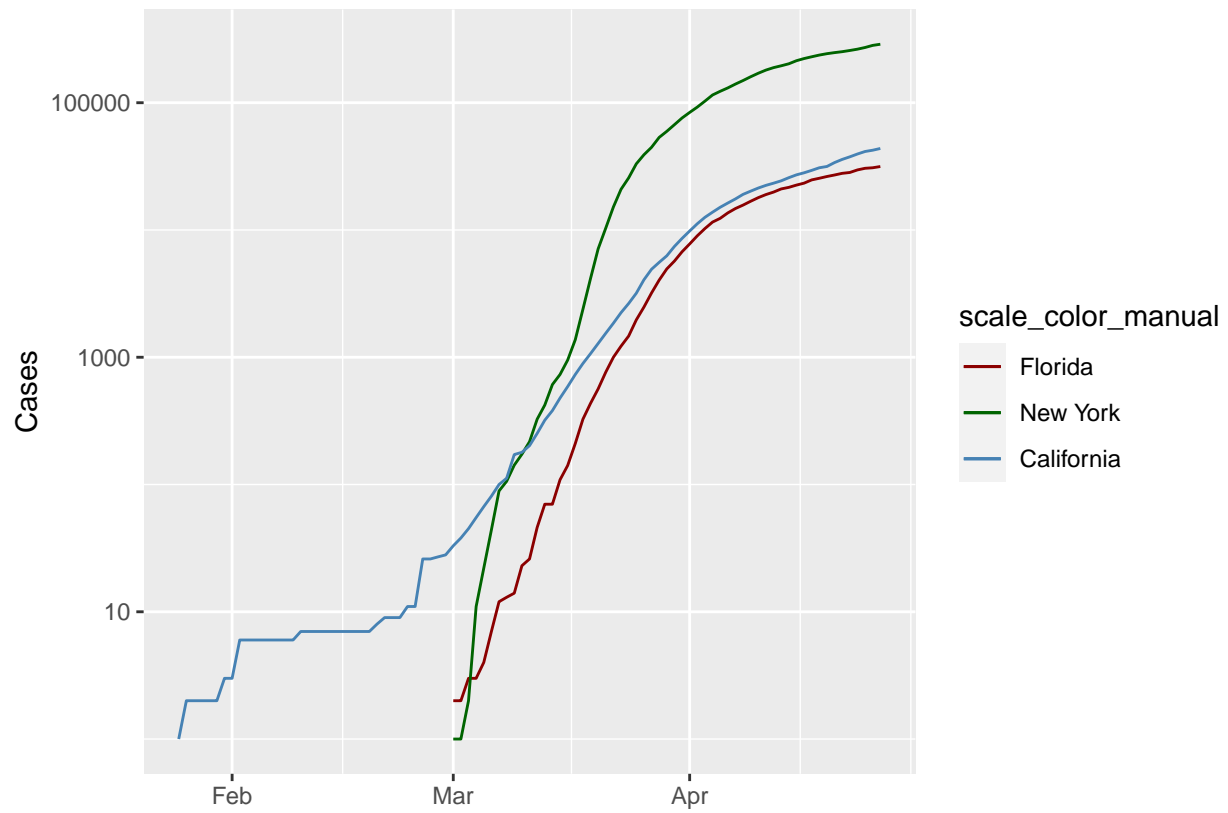
¹Assignment 04



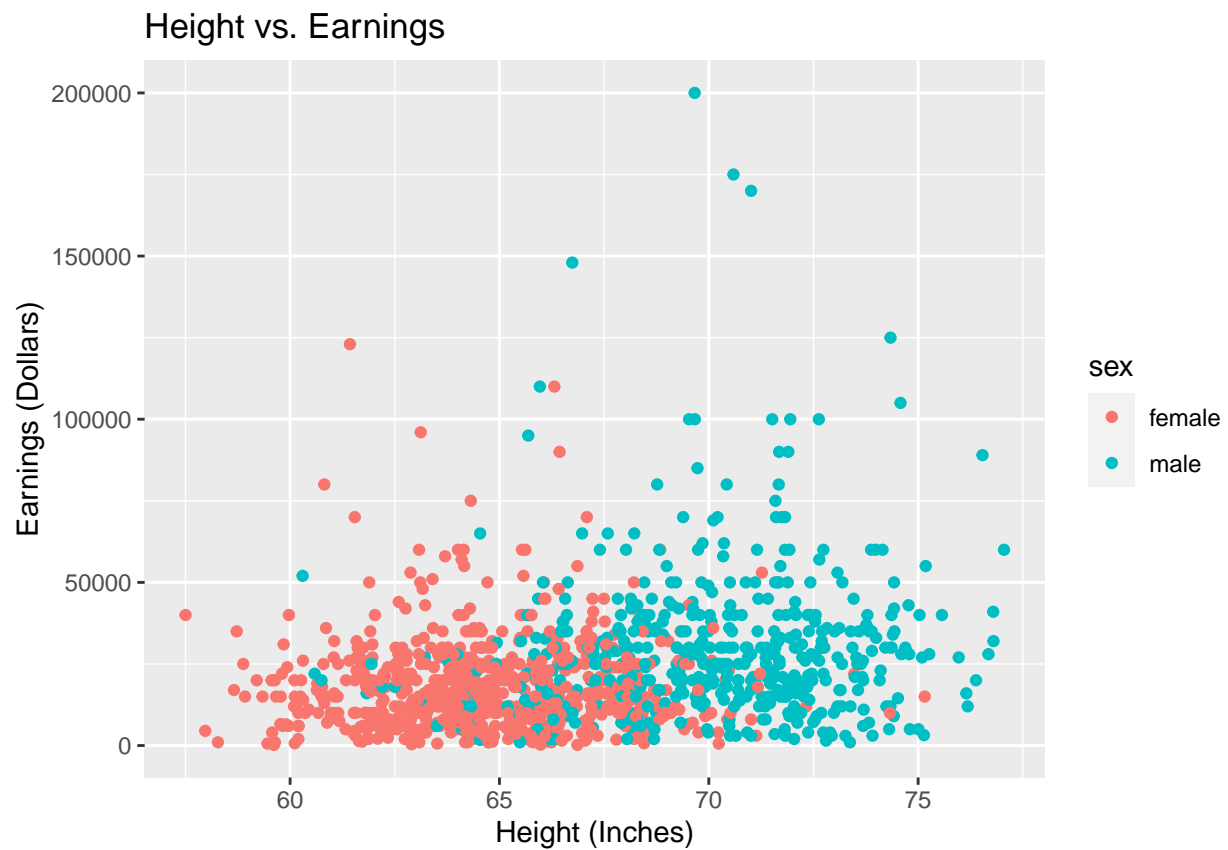
Figure 1: All Cases (Log Plot).

Inline Code

NY Times COVID-19 Data



R4DS Height vs Earnings



Tables

Knitr Table with Kable

Table 1: 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? | Is Ring Bearer? | Age |
```

```
## +=====+=====+=====+=====+=====+
## | Aragon | Men | Yes | No | 88 |
## +-----+-----+-----+-----+-----+
## | Bilbo | Hobbit | No | Yes | 129 |
## +-----+-----+-----+-----+-----+
## | Frodo | Hobbit | Yes | Yes | 51 |
## +-----+-----+-----+-----+-----+
## | Sam | Hobbit | Yes | Yes | 36 |
## +-----+-----+-----+-----+-----+
## | Sauron | Maia | No | Yes | 7052 |
## +-----+-----+-----+-----+-----+
```

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Sam	Hobbit	Yes	Yes	36
Sauron	Maia	No	Yes	7052

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>.