ASSIGNMENT 4

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2022-04-24

Markdown Basics

Favorite Foods

1. Pizza
2. Quesadillas
3. BBQ Brisket

Images

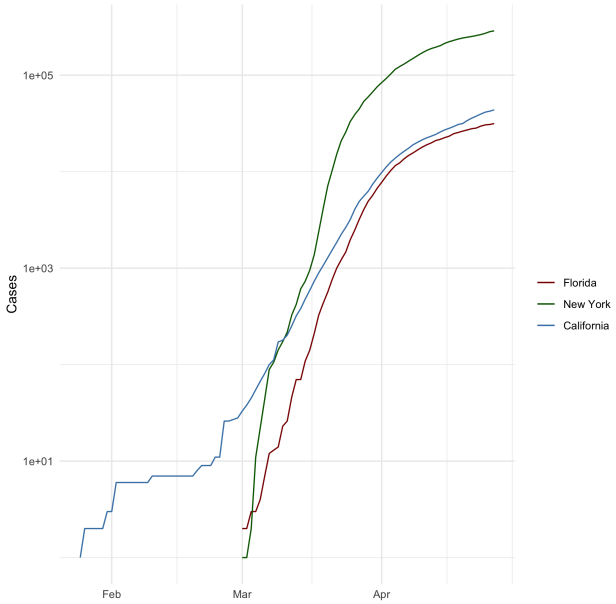


Figure 1: All Cases (Log Plot)

Add a Quote

> "Be strong I whispered to my wifi signal"
>
> — White people from the Internet

Add an Equation:

$$A_{m,n} = \begin{pmatrix} a_{1,1} & a_{1,2} & \cdots & a_{1,n} \\ a_{2,1} & a_{2,2} & \cdots & a_{2,n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m,1} & a_{m,2} & \cdots & a_{m,n} \end{pmatrix}$$

Add a Footnote

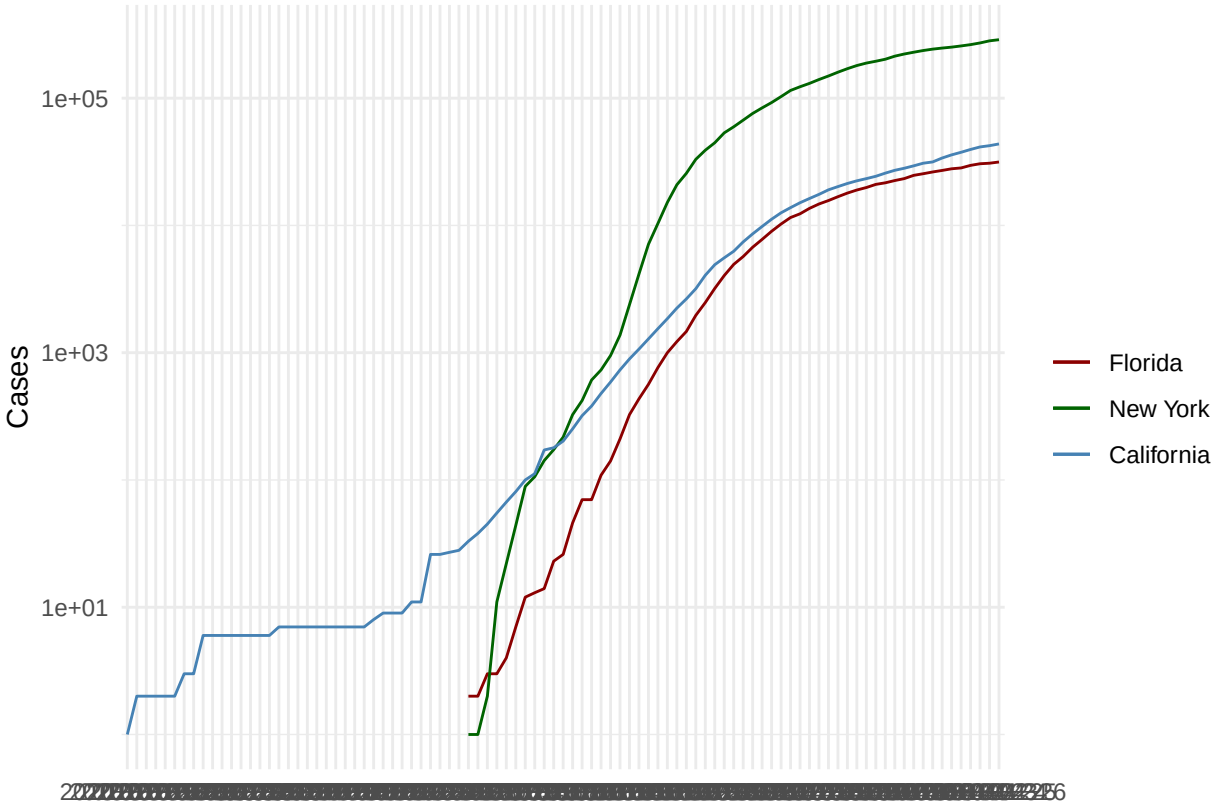
See footnote[1]

Add Citations

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

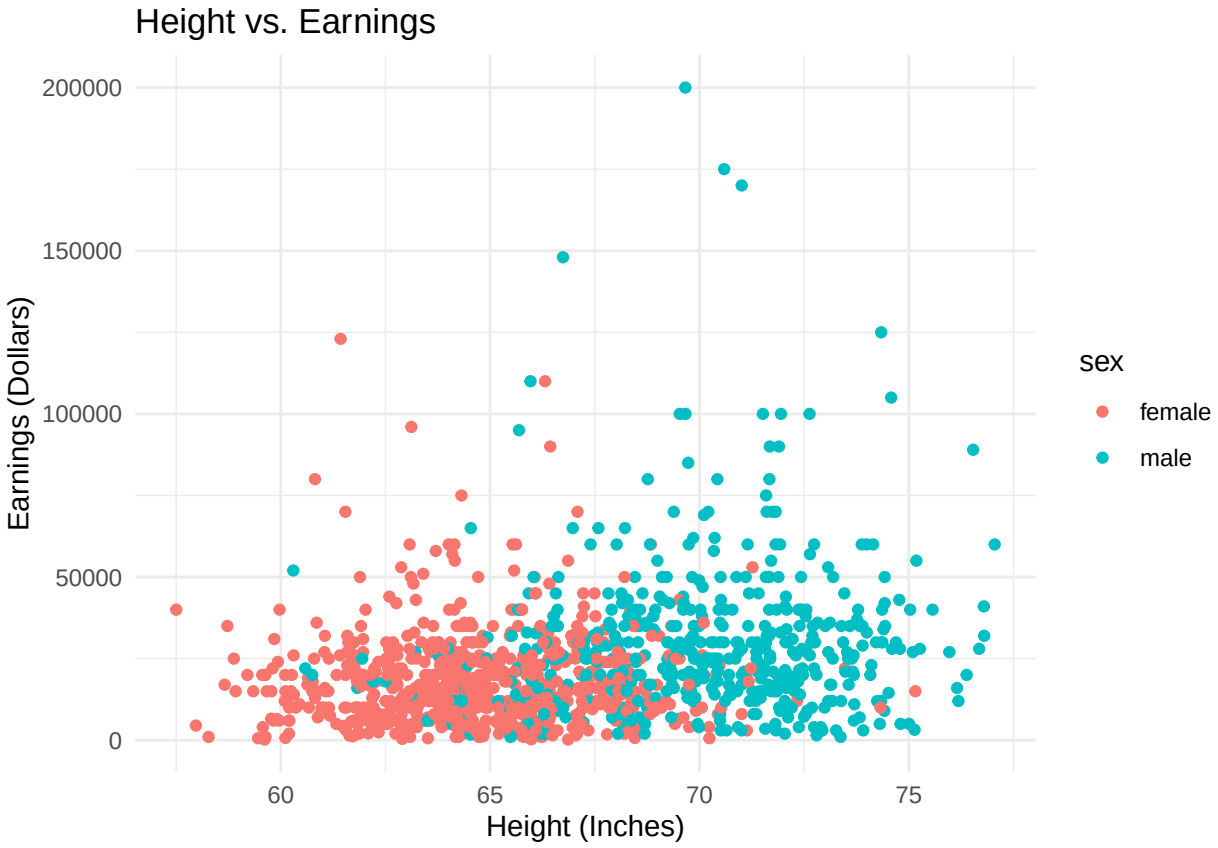
Inline Code

NY Times COVID-19 Data



[1] FootNote

R4DS Height vs Earnings



Tables

Knitr Table with Kable

```
knitr::kable(foods_df, caption = "Good foods")
```

Table 1: Good foods

name	kind	is_meat	is_fruit	weight
Apple	Fruit	FALSE	TRUE	200
Banana	Fruit	FALSE	TRUE	77
Tomato	Fruit	FALSE	TRUE	250
Broccoli	Vegetable	FALSE	FALSE	300
Ham	Meat	TRUE	FALSE	1600
Gouda	Cheese	FALSE	FALSE	1000

Pandoc Table

```
library(pander)
pandoc.table(foods_df, caption = "Good Foods")
```

```
##
## ------------------------------------------------
```

```
##    name       kind      is_meat   is_fruit   weight
## ---------- ----------- --------- ---------- --------
##   Apple       Fruit      FALSE      TRUE      200
##
##   Banana      Fruit      FALSE      TRUE       77
##
##   Tomato      Fruit      FALSE      TRUE      250
##
##  Broccoli   Vegetable    FALSE     FALSE      300
##
##    Ham        Meat       TRUE      FALSE      1600
##
##   Gouda      Cheese      FALSE     FALSE      1000
## ------------------------------------------------------
##
## Table: Good Foods
```

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.