

ASSIGNMENT 4

Gloria Torres

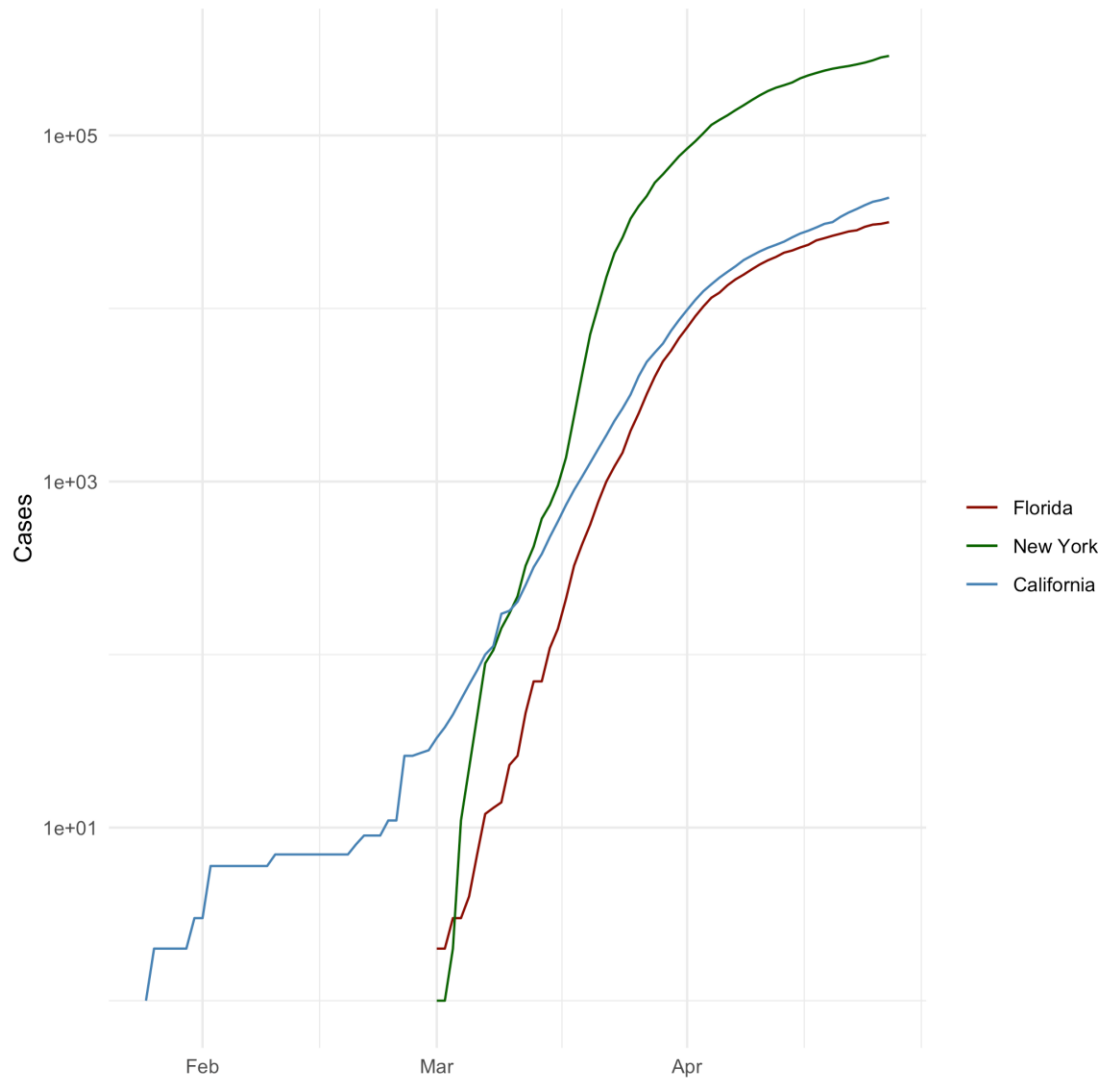
2023-04-22

Markdown Basics

Favorite Foods

- Mexican
- Peruvian
- Italian

Images



All Cases (Log Plot)

Add a Quote

A good example has twice the value of good advise.

Add an Equation

$\max(9, 10, 3)$

$\min(7, 8, 2)$

Add a Footnote

`install.packages("pandoc")`

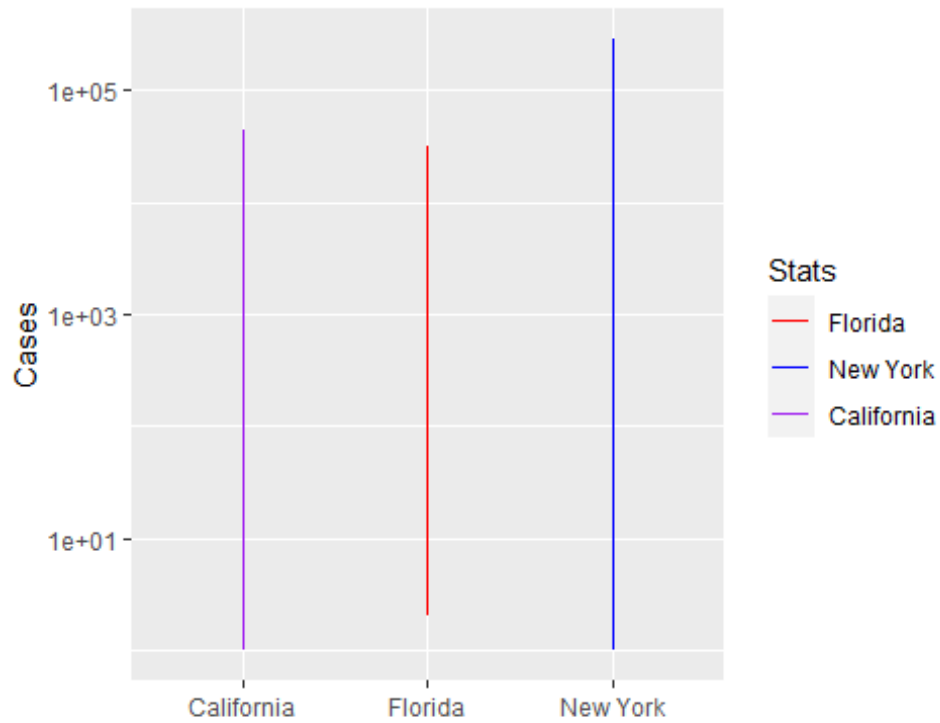
[^1]

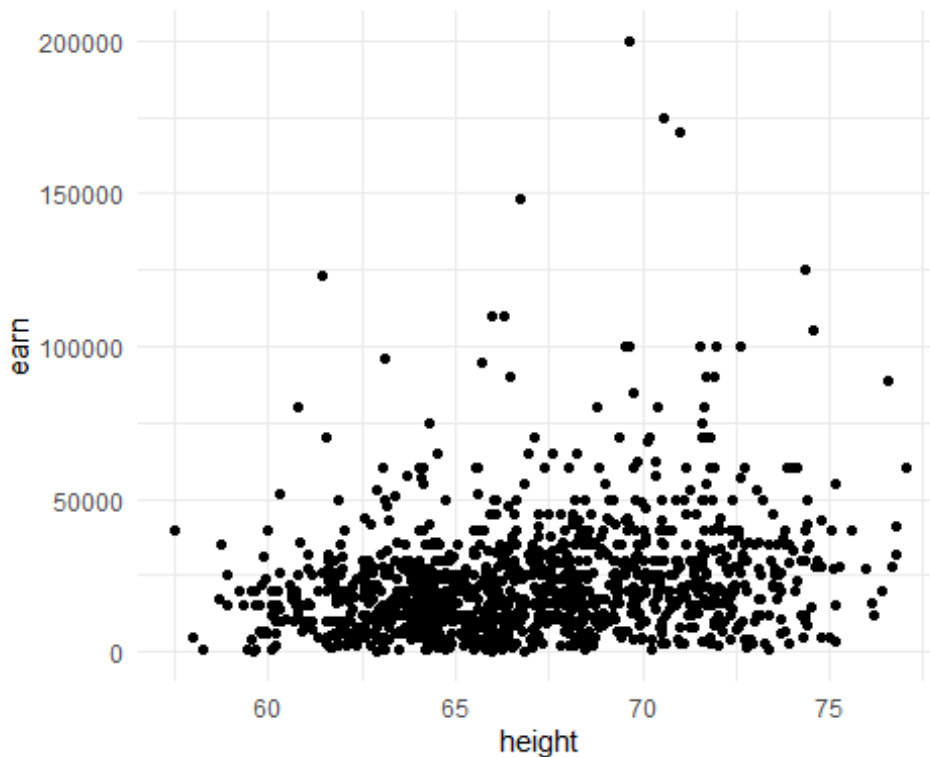
Add Citations

(Lander 2014)

(Field, Miles, and Field 2012)

Inline Code





```
# Tables
## Knitr Table with Kable
options(repos=c(CRAN="<something sensible near you>"))

install.packages("kableExtra")

## Installing package into 'C:/Users/glori/AppData/Local/R/win-library/4.2'
## (as 'lib' is unspecified)

## Warning: unable to access index for repository <something sensible near
you>/src/contrib:
## cannot open URL '<something sensible near you>/src/contrib/PACKAGES'

## Warning: package 'kableExtra' is not available for this version of R
##
## A version of this package for your version of R might be available
elsewhere,
## see the ideas at
## https://cran.r-project.org/doc/manuals/r-patched/R-admin.html#Installing-
packages

## Warning: unable to access index for repository <something sensible near
you>/bin/windows/contrib/4.2:
## cannot open URL '<something sensible near
you>/bin/windows/contrib/4.2/PACKAGES'

name <- c("Aragon", "Bilbo", "Frodo", "Galadriel", "Sam", "Gandalf",
"Legolas", "Sauron", "Gollum")
```

```

race <- c("Men", "Hobbit", "Hobbit", "Elf", "Hobbit", "Maia", "Elf", "Maia",
"Hobbit")
in_fellowship <- c(TRUE, FALSE, TRUE, FALSE, TRUE, TRUE, TRUE, FALSE, FALSE)
ring_bearer <- c(FALSE, TRUE, TRUE, FALSE, TRUE, TRUE, FALSE, TRUE, TRUE)
age <- c(88, 129, 51, 7000, 36, 2019, 2931, 7052, 589)

characters_df <- data.frame(name, race, in_fellowship, ring_bearer, age)
knitr::kable(head(characters_df, "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

```
library(pander)
```

```
pandoc.table(characters_df, style = "simple")
```

```
##
##
##   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(characters_df, style = "grid")
```

```
##
##
## +-----+-----+-----+-----+-----+
## | 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 |
## +-----+-----+-----+-----+
```

References

Field, A., J. Miles, and Z. Field. 2012. *Discovering Statistics Using r*. SAGE Publications.
<https://books.google.com/books?id=wd2K2zC3swlC>.

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>.