ASSIGNMENT 4

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2022-01-23

Markdown Basics

Favorite Foods

Chicken Fried Rice

Chicken Nuggets

Garlic Bread

Images

Add a Quote

"Focus on the good in each and every day, no matter what happens there is good to be found"

Add an Equation

$$f(x) = \beta_0 + \beta_1 x + \beta_2 x^2 + \beta_3 x^3 + \beta_4 (x - \xi)_+^3$$

$$(x - \xi)_+^3 = \begin{cases} (x - \xi)^3, & x > \xi \\ 0, & x \leq \xi \end{cases}$$

$$(x \leq \xi) \Rightarrow f(x) = \beta_0 + \beta_1 x + \beta_2 x^2 + \beta_3 x^3$$
$$(x > \xi) \Rightarrow f(x) = \beta_0 + \beta_1 x + \beta_2 x^2 + \beta_3 x^3 + \beta_4 (x^3 - 3x^2 \xi + 3x\xi^2 - \xi^3)$$
$$= (\beta_0 + \beta_4 \xi^3) + (\beta_1 + 3\beta_4 \xi^2)x + (\beta_2 - 3\beta_4)$$

Add a Footnote

This is a footnote

Add Citations

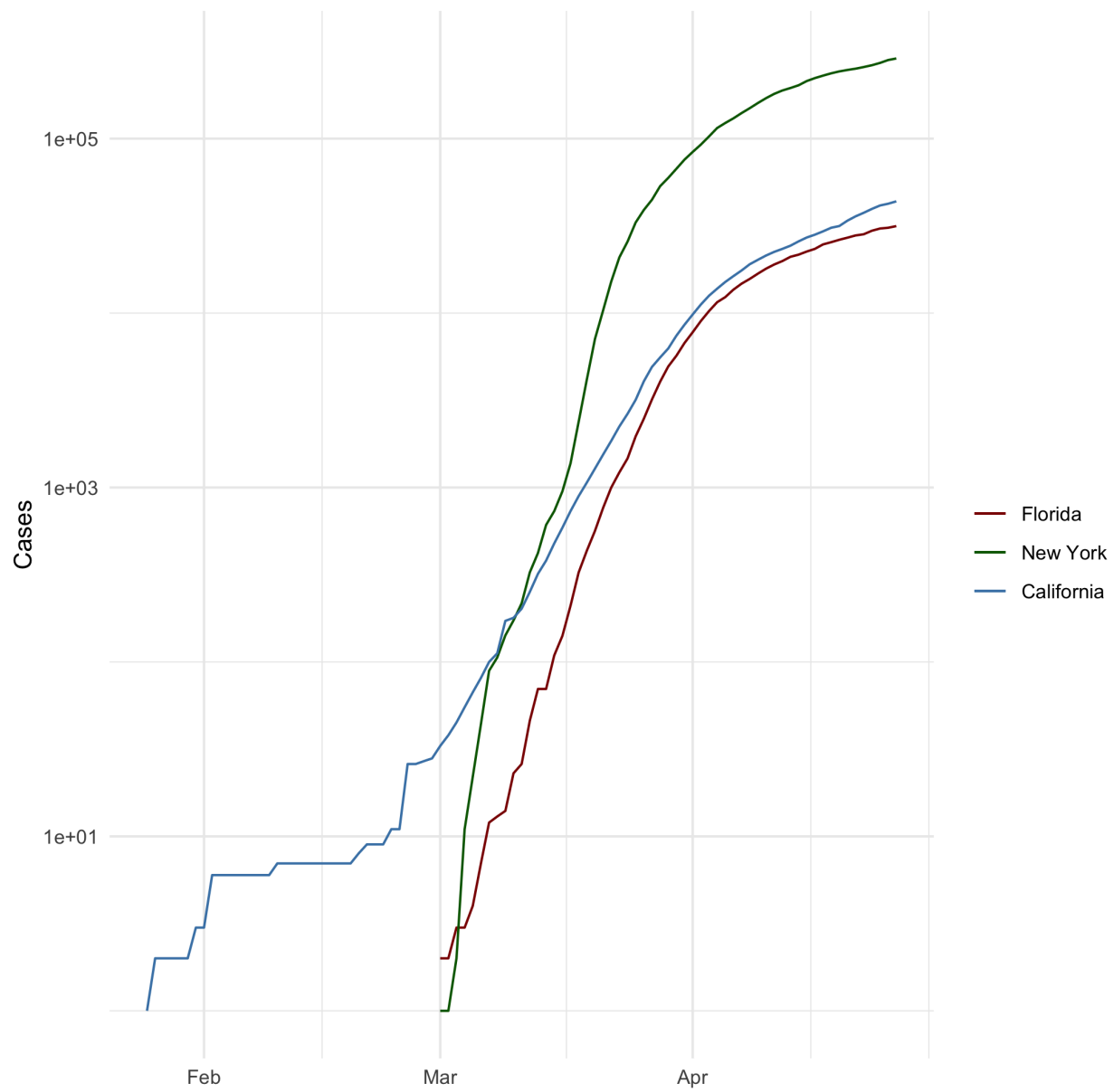- R for Everyone
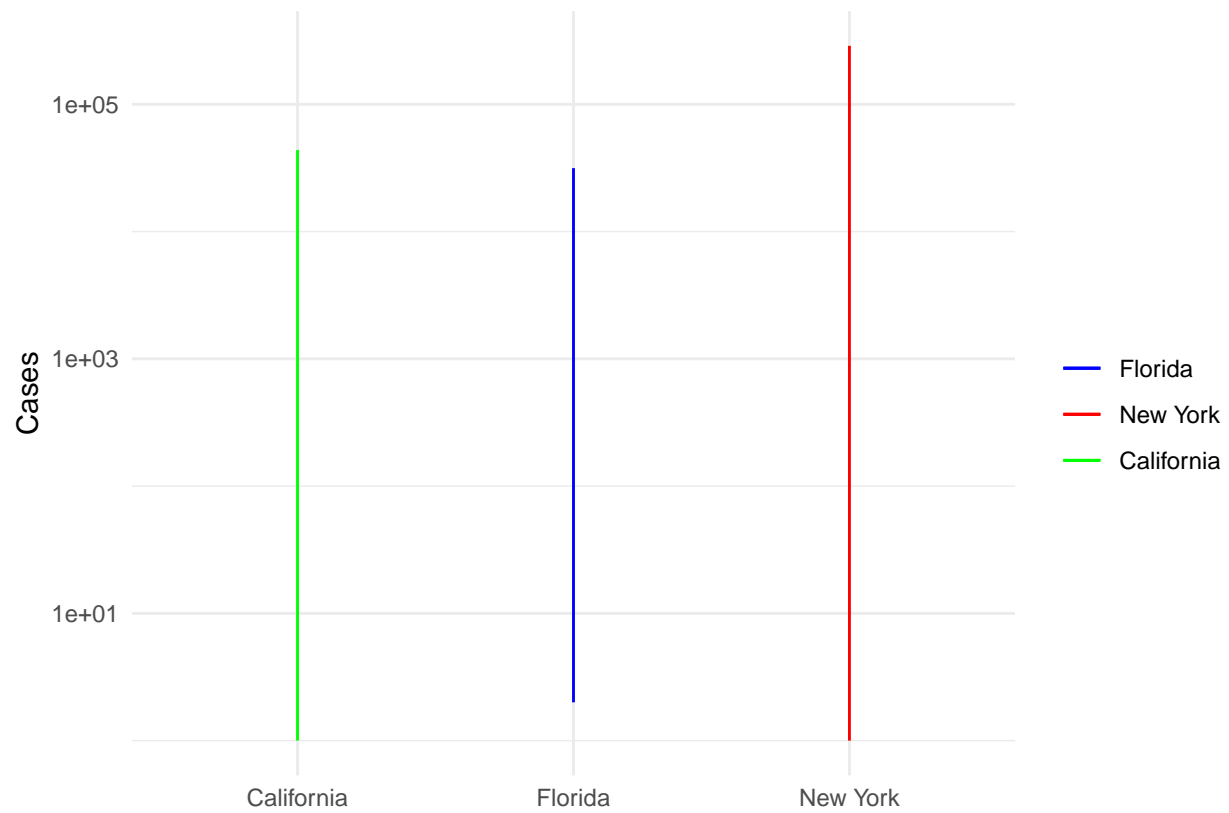- Discovering Statistics Using R

Figure 1: Getting Started

Inline Code


```
## Warning: Continuous x aesthetic -- did you forget aes(group=...)?
```
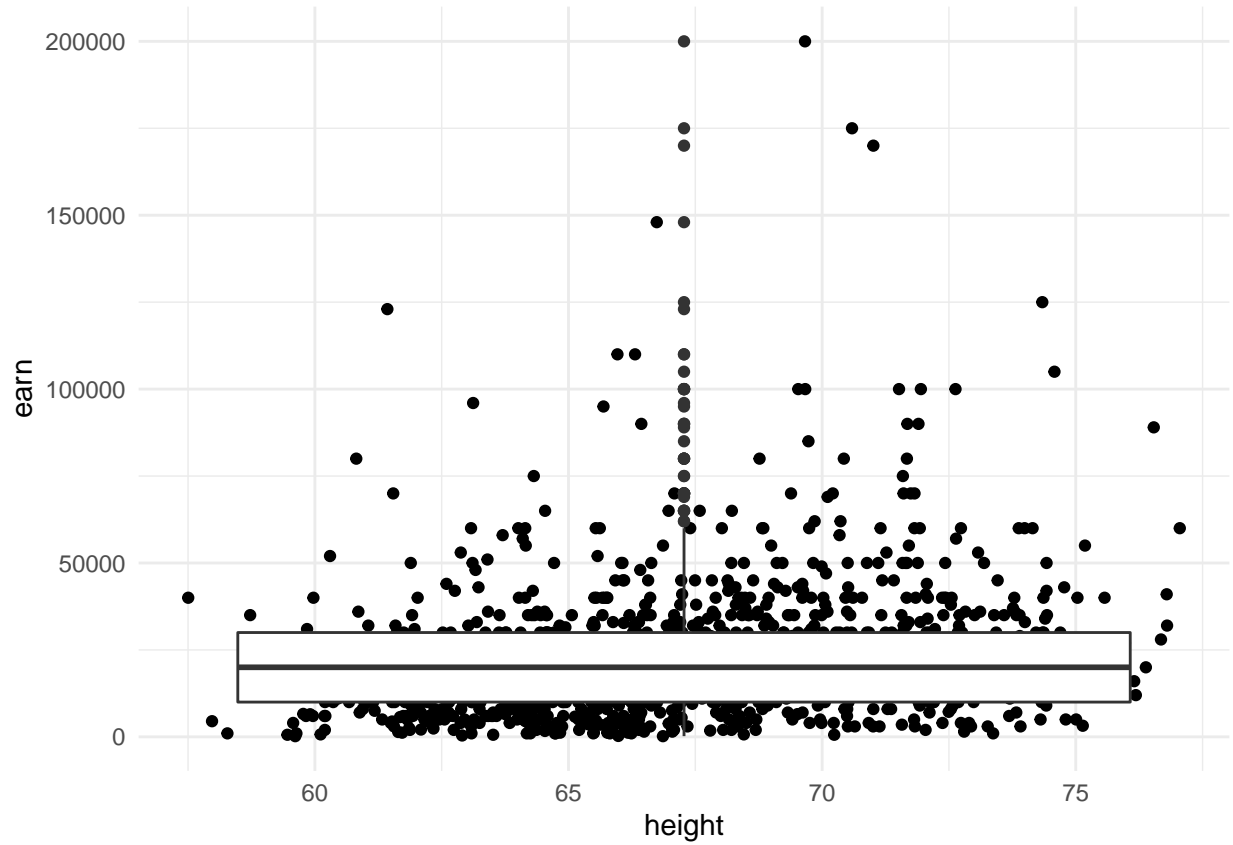
Table 1: One Ring to Rule Them All

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

Table 2: 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
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name	race	in_fellowship	ring_bearer	age
Gollum	Hobbit	FALSE	TRUE	589