

Assignment 2

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2023-09-10

1st Header

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2nd Header

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3rd Header

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nibh. Pellentesque viverra egestas elit, at venenatis purus finibus et. Suspendisse auctor sem in nisl tincidunt vehicula. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas.

Text formatting

I want to be a part of the people that make meaning, not the thing that is made.

- Barbie, The Movie

italic **bold** ~~strikeout~~ code

superscript² subscript₂

underline small caps

Lists

- Bulleted list item 1
 - Item 2
 - Item 2a
 - Item 2b
1. Numbered list item 1
 2. Item 2. The numbers are incremented automatically in the output.
 3. Another numbered list item

Images and Figures

Quarto allows for [easy cross-references of images and plots](#). Figure 1 shows an image, whereas Figure 2 shows a plot created using ggplot2.

To find more about the dataset used to create Figure 2 type the following line of code into the console:

```
?ToothGrowth
```



Figure 1: This is a picture of the wearable computing group from MIT. The wearable computing group appears to have mastery over the so-called "Rizz."

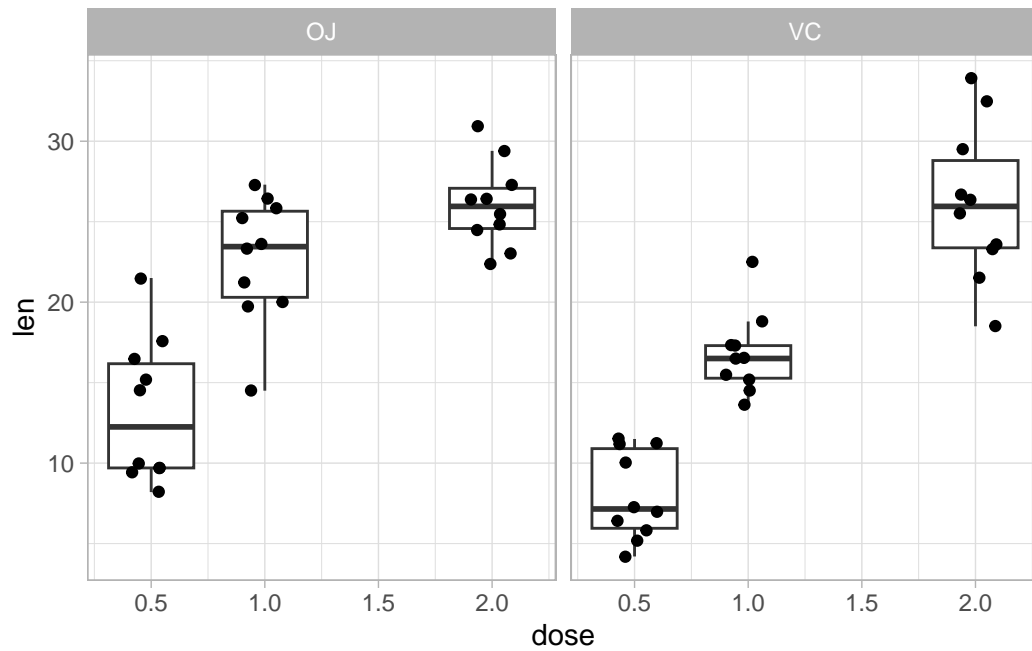


Figure 2: This plot shows the effect of vitamin C on tooth growth in Guinea Pigs. The response is the length of odontoblasts (cells responsible for tooth growth) in 60 guinea pigs. Each animal received one of three dose levels of vitamin C (0.5, 1, and 2 mg/day) by one of two delivery methods, orange juice or ascorbic acid (a form of vitamin C and coded as VC).

Equations

It's also easy to cross-reference equations. For example, Equation 1 depicts the fundamental theorem of calculus.

$$1/2 = \int_0^1 x dx \tag{1}$$

Tables

We can also cross-reference tables easily, as shown in Table 1 and Table 2.

Table 1: This table was created using Markdown.

| Col1 | Col2 |
|------|------|
| a | b |
| c | d |

Table 2 shows some very simple regression models.

Table 2: This table was created using the `modelsummary` package

| | Model 1 | Model 2 | Model 3 | Model 4 |
|---|----------------------|----------------------|----------------------|----------------------|
| (Intercept) | 17.147*** (1.125) | 14.594*** (0.926) | 23.334*** (2.233) | 24.832*** (2.890) |
| am | 7.245*** (1.764) | 6.067*** (1.275) | 5.299*** (1.038) | 4.419** (1.493) |
| vs | | 6.929*** (1.262) | 2.659+ (1.442) | 2.052 (1.627) |
| hp | | | −0.045*** (0.011) | −0.038* (0.014) |
| disp | | | | −0.008 (0.010) |
| Num.Obs. | 32 | 32 | 32 | 32 |
| R2 | 0.360 | 0.686 | 0.806 | 0.810 |
| + p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001 | | | | |

Ask Steve what he thinks about those asterisks!

Citations

Finally, Quarto has great Zotero integration.

Hi! My name is Ben. One of my favorite academic books is Bruckman (2022). Bcr (2016) is the last thing I read. The next thing I plan on reading is Nate Matias's social norms article (Matias 2019).

References

- Bcr, Edward. 2016. "[Diary of a Wimpy Kid by j. Kinney - 2nd Review](#)." The Deakin Review of Children's Literature 6(2).
- Bruckman, Amy S. 2022. Should you believe Wikipedia? Online communities and the construction of knowledge. Cambridge, United Kingdom New York, NY: Cambridge University Press.
- Matias, J. Nathan. 2019. "[Preventing Harassment and Increasing Group Participation Through Social Norms in 2,190 Online Science Discussions](#)." Proceedings of the National Academy of Sciences 116(20): 9785-89.