

HW 2.1 Quarto Document Template

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2023-09-08

1st Header

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2nd Header

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3rd Header

Nullam eu diam vel ipsum malesuada gravida. Vestibulum id vestibulum dui. Donec tincidunt euismod sapien dignissim lobortis. Cras et velit eu orci porttitor blandit. Nulla nec nunc ac ex mollis luctus. Duis nisl felis, finibus vel justo vel, sodales condimentum 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
```

Equations

It's also easy to cross-reference equations. For example, Equation 1 depicts the general form of the *ordinary least squares* equation.

$$y_i = \beta_0 + \beta_1 X_i + \epsilon \quad (1)$$



Figure 1: This is a picture of emotiguy. He's a poorly rendered emoji used in some memes in obscure corners of the internet. This represents how I feel trying to find a coding error.

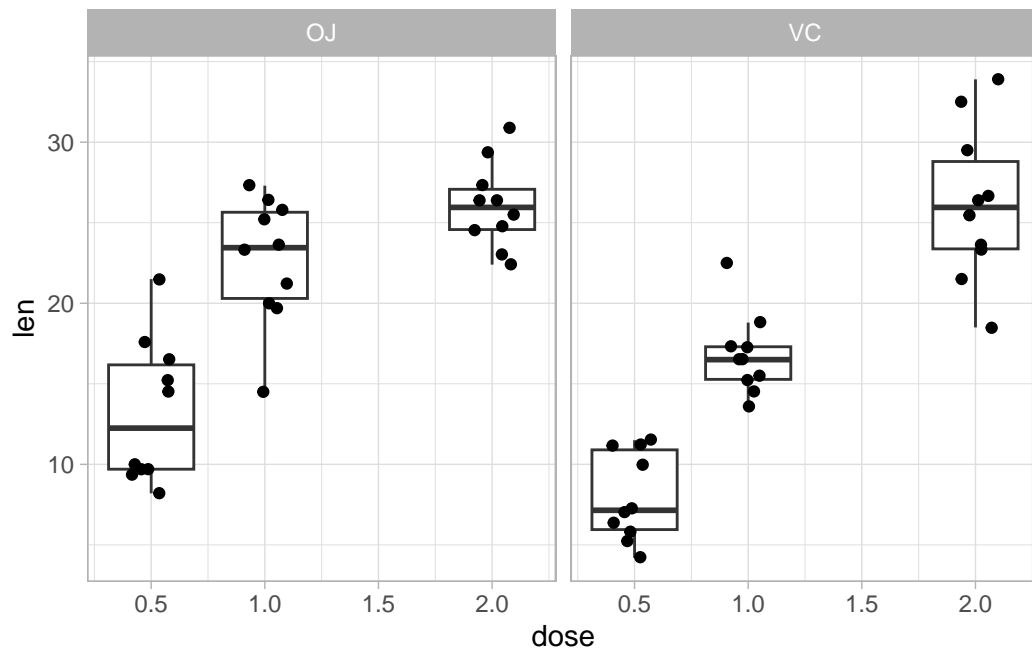


Figure 2: This plot shows the effect of vitamin C on tooth growth in Guinea Pigs. The response is the length of odontoblasts (cells responsible for tooth growth) in 60 guinea pigs. Each animal received one of three dose levels of vitamin C (0.5, 1, and 2 mg/day) by one of two delivery methods, orange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

Tibles

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 Andrew. One of my favorite academic books is Berger (1967) . Lareau (2011) is the last thing I read. The next thing I plan on reading is Robert Wuthnow's *Restructuring of American Religion* (1988).

References

- Berger, Peter L. 1967. *The Sacred Canopy: Elements of a Sociological Theory of Religion*. New York: Anchor Books.
- Lareau, Annette. 2011. *Unequal Childhoods: Class, Race, and Family Life*. 2nd ed., with an update a decade later. Berkeley: University of California Press.
- Wuthnow, Robert. 1988. *The Restructuring of American Religion: Society and Faith Since World War II*. Princeton, N.J: Princeton University Press.