

## Check-in 2

Please submit as a pdf file on Canvas. Insert answers within the asterisks or backticks unless directed otherwise.

**Problem 1: (1 pt)** Save this Rmd file in the `checkins` directory. Type the full absolute path to this file.

Type path here

**Problem 2: (2 pt)** Type in (and run) the code that uses `{readr}`'s function to import the data file from the following URL: [https://decisionslab.unl.edu/data/stevens\\_etal\\_2020\\_obed\\_data1.csv](https://decisionslab.unl.edu/data/stevens_etal_2020_obed_data1.csv) and assigns it to the object `dog_data`. Do the same thing using a base R function and assign the output to the object `dog_data2`. To clarify, you should type two lines of code and import the data twice—once using `{readr}`'s import function and once using base R's import function.

Type code here.

**Problem 3: (2 pts)** Examine the data types of the columns in `dog_data` and `dog_data2`. How do they differ? That is, how do the two import functions differ in how they parse different data types? What did you use to check for differences?

*Your text goes here.*

**Problem 4: (3 pts)** Type (and run) the code to subset the `dog_data` data frame to only include columns 1-8, 29, 30, and 37 and the first 20 rows and assign it to `dog_trimmed`.

Type code here.

**Problem 5: (2 pts)** Sometimes you may want your subject ID column to be a factor for modeling purposes. Type (and run) the code to create a new column in `dog_trimmed` called `id_fac` and convert the `id` column to a factor. *Hint: Remember the `$` operator.*

Type code here.

**Problem 6: (2 pts)** Let say that you know for a fact that you recruited only owners who identified as female for your study. While validating your data, you see that one of your participants is listed as male in the `dog_trimmed` data frame. This must be a data entry mistake. Type (and run) the code that you would use to fix the mistake by first creating a new data frame called `dog_validated` and then replacing the Male entry with Female. *Hint: This will take two lines of code.*

Type code here.

**Problem 7: (3 pts)** Using the `{dataReporter}` package, create a codebook for `dog_validated` (including the argument `file = "mycodebook.Rmd"`). If it is not already there, copy/move the codebook into the same directory as this Rmd file, and uncomment the following code (highlight the four lines and press Ctrl/Cmd+Shift+C) to append the codebook to this document.