

Let's keep practicing real data analysis: look at, plot, and analyze the data as required below. Please describe the data, your analysis, and your findings using complete sentences.

1. Using the dataset `ape::carnivora`, include the following.
 - (a) A summary of the dataset and the variables you will analyze.
 - (b) Appropriate plot(s) for the data.
 - (c) A few summary statistics – generally sample size, mean, median, standard deviation.
 - (d) A description of the skew of the data based on the plot and summary statistics, and how this might affect your application of the Central Limit Theorem.
 - (e) A one sample and a two sample hypothesis test, with a formal set up of your hypotheses.
 - (f) Appropriately matching confidence intervals and their interpretations.
 - (g) A statistical conclusion of your results.
 - (h) A conclusion that your Grandmother could understand.

2. Using the dataset `finches`, include the following.
 - (a) A summary of the dataset and the variables you will analyze.
 - (b) Appropriate plot(s) for the data.
 - (c) A few summary statistics – generally sample size, mean, median, standard deviation.
 - (d) A description of the skew of the data based on the plot and summary statistics, and how this might affect your application of the Central Limit Theorem.
 - (e) A paired hypothesis test, with a formal set up of your hypotheses.
 - (f) An appropriately matching confidence interval and its interpretation.
 - (g) A statistical conclusion of your results.
 - (h) A conclusion that your Grandmother could understand.