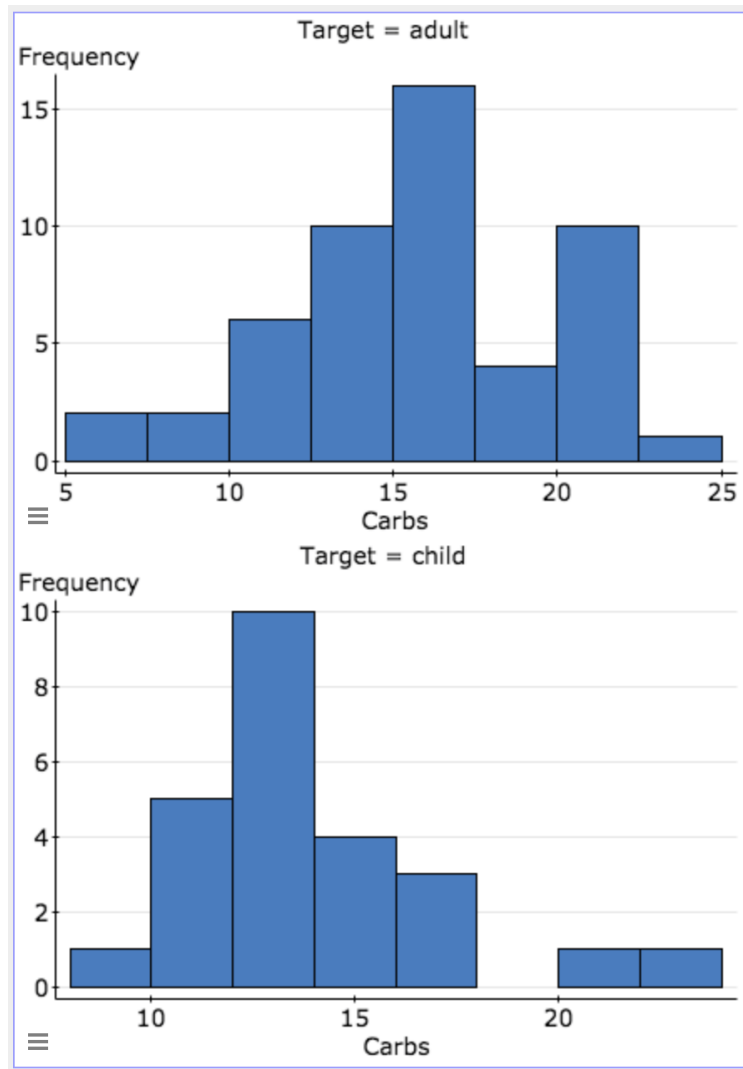


# Proj 2.1B

*Math 206/13, BCC*

**How does the carbohydrate content in child cereals compare to adult cereals?**

*Note: There are 25 child cereals and 51 adult cereals represented in the dotplots. Protein is measured in grams per serving.*



## Instructions

Develop a position (a thesis statement) that addresses the question above. Use the concepts of shape (and outliers if appropriate), center and spread to support your position. Also incorporate percentages to make your observations more precise.

## Think It Through

- (1) Develop a thesis statement: You can complete this statement or develop one of your own: *Compared to adult cereals, child cereals tend to have (less, more, or about the same) amount of complex carbohydrates per serving.* You can also change your thesis later if your observations about the data warrant it.
- (2) Make observations about:
  - shape (note any outliers)
  - center (a representative value that summarizes the data)
  - and spread (overall range, along with an interval of typical values to summarize the data).

Use all of these observations to support your thesis. Also include other observations that are useful in supporting your thesis, such as percentages. Include statements about why the observations are important or interesting.

## Write the analysis

Write one or more paragraphs that use your observations to support the thesis.