

Lesson 3C: Statistical Project Results Summary and Presentation Preparation

Writing Out Your Results

Your group will be responsible for submitting a written analysis of your research. Your response should include answers to the following in complete sentences.



- 1) How would you answer your research question using a measure of center?
 - a. Explain using the data you developed in this research study



- 2) Put the measures of center into the context of your study. For example, if you found that the mean of your data was 12.1, what does that mean in relationship to your question?



- 3) What measure of center best represents your data? Explain. Remember, measures of center include mean, median, and mode.



- 4) Describe the shape of the distribution of your data. Consider using some of the following vocabulary: skewed left, skewed right, uniform, peak, outlier, etc.



- 5) When choosing a method to display data, what was important to consider when choosing between a dot plot and a histogram?



- 6) What did you learn about your data that surprised you? What part of your survey and analysis was most interesting?

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[illegible]

Summary



Discuss roles for the presentation with your group. Write down the name(s) of the people who will talk about each prompt. It may be helpful to write down some ideas of what you plan to say as well. You can talk with your group about other information during your presentation, however you must share information related to the following prompts:

- 1) Who is sharing the statistical question and answer?
- 2) Who is sharing the evidence from the data?
- 3) Who is explaining what was surprising or if the group's predictions were correct?
- 4) Who is describing how this data might be used in the future?