

## Writing Statistical Reports

Next assignment: Write a report to your client about your case. You are invited to use the analysis provided (though I didn't provide commentary), as I want you to focus on the writing and explaining the results to your client, not on the statistical analysis. Due by the end of the semester.

It should include the following:

1. Executive Summary. One paragraph explaining the results. Your reader should be able to read this and fully understand the results, and only read the rest if they are interested.
2. Detailed Analysis. 2-5 pages.
  - State scientific question and review data collection methods
  - Descriptive statistics and graphical explorations of data
  - Translate scientific question into statistical language
  - Run tests, explain results
  - Translate back into scientific language

With your group, spend a few minutes reviewing the case. Think about how the data can be (should be?) simplified to be able to answer the question more easily. For bus groups, consider especially the dependence between data points. For water groups, consider especially the ordered responses.

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Name: \_\_\_\_\_

What did you learn from others about your case that you hadn't considered?

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