1.3.6: Putting Reproducible Research Principles Into Practice
(In Person)

Session Objectives

1. Discuss reproducible research principles.
2. Apply reproducible research principles to data analysis using R Markdown.

Key points that will be covered:

1. Reproducible research principles
2. What is R Markdown
3. How to create a report using R Markdown

   - Customize the layout of presentations or reports
   - Insert and create objects, such as tables, images, or videos, within a document

In Person - Summer 2025

During the in person session we will work through creating and using Rmarkdown to combine report text, R code and output seamlessly to create reproducible analysis reports.

We will be working with the PRAMS Report example in class. Also see complete details in the PRAMS Module - section 7 on Reproducible Research Report.

RMarkdown Code For This Module

- prams_report.Rmd

References

R Core Team. 2025. *R: A Language and Environment for Statistical Computing.* Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org/.

Other Helpful Resources

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