



## 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](#).

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## 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

[Other Helpful Resources](#)