Preliminaries

Assignment 1: Hello & Welcome to R (Due Week 1)

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## Readings

* Read the course syllabus (all parts of [this website](../index.qmd))
* Recommended reading:
  + **RDS**, introduction

## Data & Computational Work

The main purpose of this week’s assignment is to get your computer ready for all the work in the class. This means, primarily, installing software.

### Install R on your computer

Begin by installing R (<http://cloud.r-project.org>). Choose the version appropriate for your computing platform:

* If you use macOS with an Apple Silicon processor (i.e. an M-series processor), then install [R for macOS’s Apple Silicon build](https://cloud.r-project.org/bin/macosx/big-sur-arm64/base/R-4.5.1-arm64.pkg). This version does not work on older, Intel-based Macs.
* If you use macOS with an Intel processor, then install [R for macOS’s Intel build](https://cloud.r-project.org/bin/macosx/big-sur-x86_64/base/R-4.5.1-x86_64.pkg).
* If you use Microsoft Windows, then install [R for Windows](https://cloud.r-project.org/bin/windows/base/R-4.5.1-win.exe).
* If you use Linux, [choose your distribution](https://cloud.r-project.org/bin/linux/) and install the R package for it.

### Install RStudio on your computer

* If you use macOS (whether Apple Silicon or Intel), [install this version of RStudio](https://download1.rstudio.org/electron/macos/RStudio-2025.05.1-513.dmg).
* If you use Windows, [install this version of RStudio](https://download1.rstudio.org/electron/windows/RStudio-2025.05.1-513.exe).
* If you use Linux, [choose your distribution from the download page](https://posit.co/download/rstudio-desktop/).

### Confirm things work

* R is really a great big calculator. Let’s do some calculations!
  + Add 2 and 3 together
  + Multiply 4 by 6
  + Divide 10 by 5

## Due Next Week: [Problem Set 1: Hello & Welcome to R](../problemsets/ps1.qmd)