

## Install/Update R & RStudio

Before the first session, you need to have R and Rstudio installed (and updated!). Please follow the instructions below (in order) to ensure you have all you need.

Do you already have R and RStudio installed? IF YES, skip down to the "I have R installed"

"I do not have R installed"

### 1. Installing R

#### a. Windows:

- Go to <https://cloud.r-project.org/bin/windows/base/>
- Click the "Download R 3.5.2 for Windows" link.
- When the file finishes downloading, double-click to install. You should be able to click "Next" to all dialogs to finish the installation.

#### b. Mac:

- Go to <https://cloud.r-project.org/bin/macosx/>
- Click the link "R-3.5.2.pkg"
- When the file finishes downloading, double-click to install. You should be able to click "Next" to all dialogs to finish the installation.

### 2. Installing RStudio

- Go to <https://www.rstudio.com/products/rstudio/download/#download>.
- Under "Installers for Supported Platforms" select the appropriate installer for your operating system:
- When the file finishes downloading, double-click to install. You should be able to click "Next" to all dialogs to finish the installation.

"I have R installed"

The class will run more smoothly when everyone is using the same version of R and Rstudio. Please update R and RStudio.

### 1. Verify R version

- Open RStudio. At the top of the Console (the lower lefthand box in RStudio) you will see session info. The first line tells you which version of R you are using. If RStudio is already open and you are deep in a session, type `R.version.string` to print out the R version.
- Do you have R version 4.0.3 ("Bunny-Wunnies Freak Out") installed?
  1. If not, please follow the instructions for updating R; if so, confirm RStudio is installed/updated (see below).

### 2. Updating R

#### a. Windows

- To update R on Windows, try using the package `installr` (only for Windows)

- Open R (NOT Rstudio)
  - Run the following lines of code:
    - `install.packages("installr")`
    - `library(installr)`
    - `updateR()`
  - This will give you prompts asking if you want to update to the newest version - go through the installation process to update R.
- b. Mac
- On Mac, you can simply download and install the newest version of R from the web. When you restart RStudio, it will use the updated version of R.

### 3. Updating RStudio

- From within RStudio, go to Help > Check for Updates
- Install newer version of RStudio (if available).

Email me if you are having trouble getting any of these three items downloaded/updated/etc. DO NOT get frustrated and give up. I will expect that everyone has this sorted out before our first class.

Thanks!