R Installation Guide

Cecilia Sui and all other TAs

12/31/25

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1 Installation

1.1 Installing R

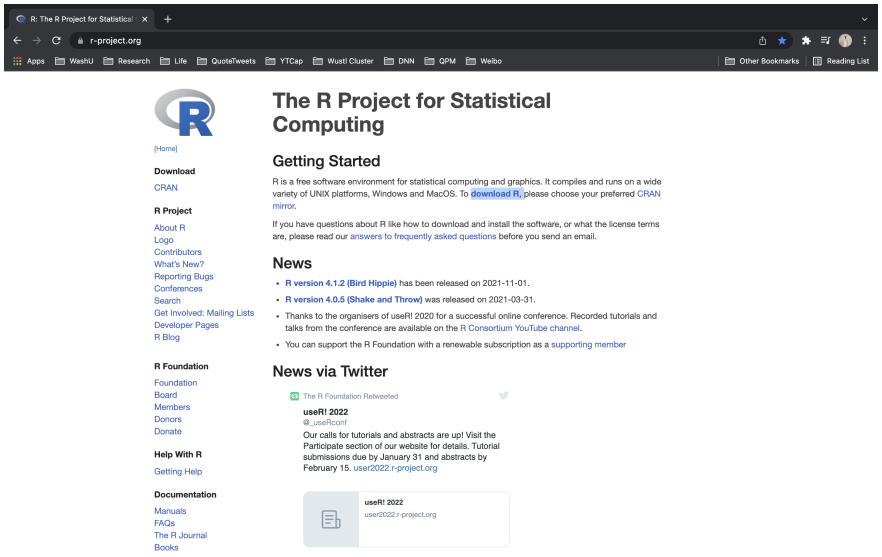

Figure 1: The R Project for Statistical Computing

Just follow the standard installation instructions and you should be good! If you are on a Linux computer, you are probably already super familiar with what you need to do here.

1.2 Installing RStudio (IDE)

- R Studio makes using R a lot easier!
- They are now under the bigger association POSIT

R offers a help() function that you can use when you encounter unfamiliar operators, functions, pacakges, etc. You can also use the shortcut "?" symbol to do the same.

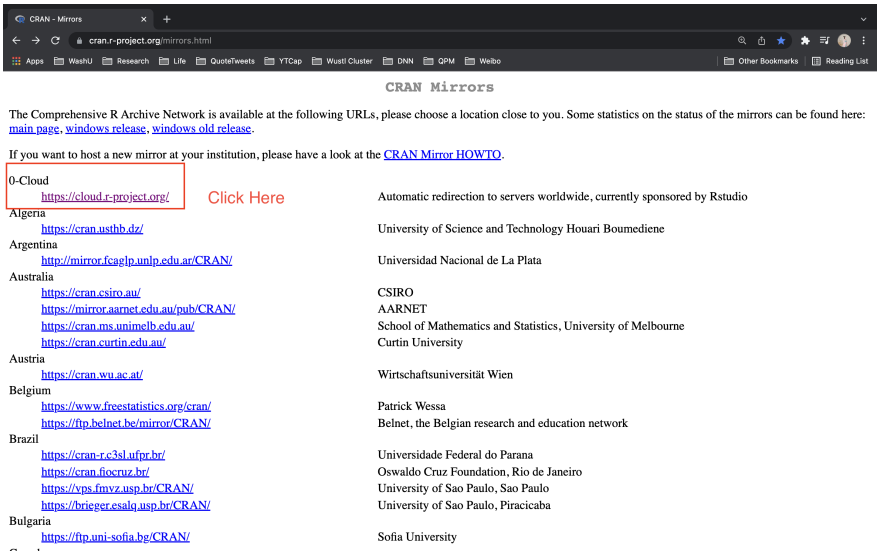

Figure 2: CRAN Mirrors

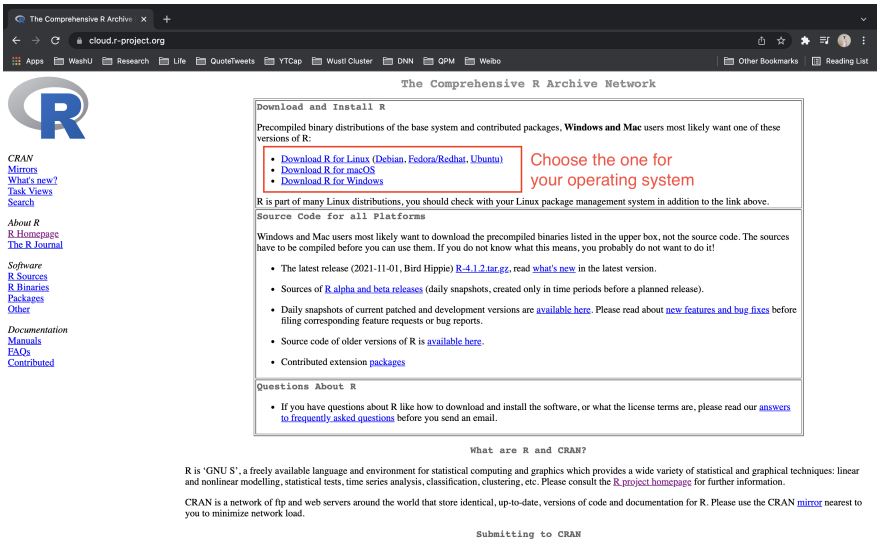

Figure 3: Choose your OS

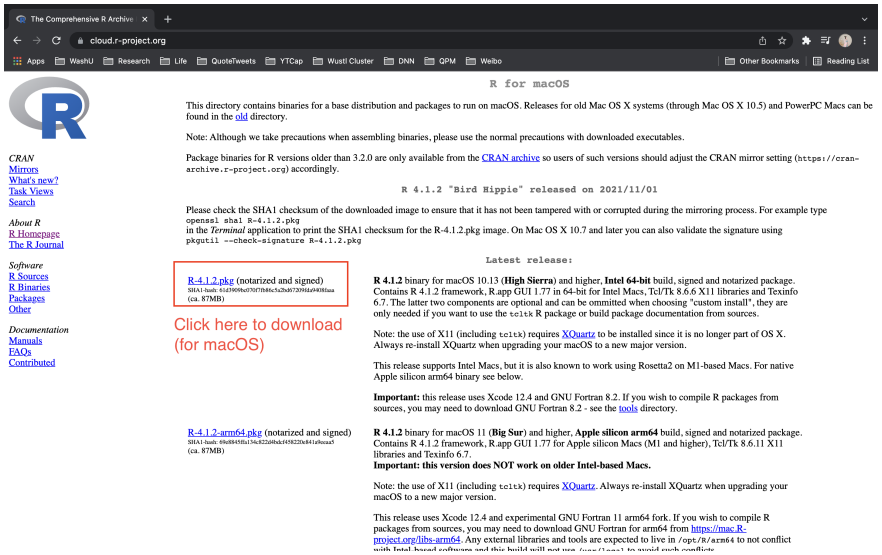

Figure 4: macOS download

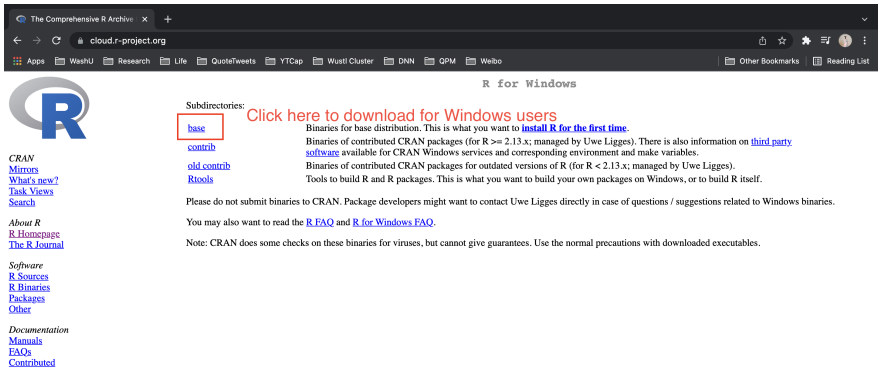

Figure 5: Windows download

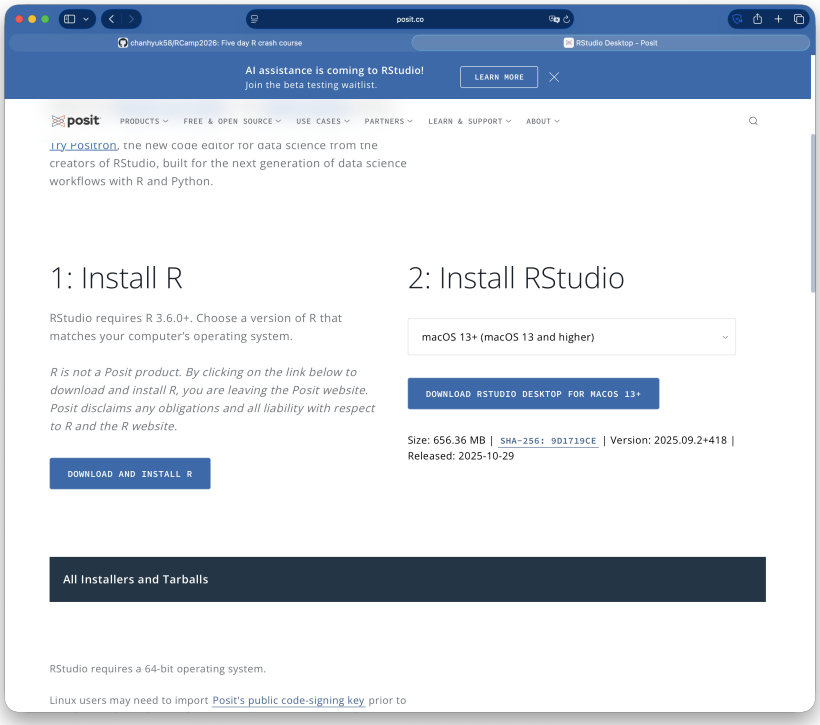

Figure 6: RStudio download page

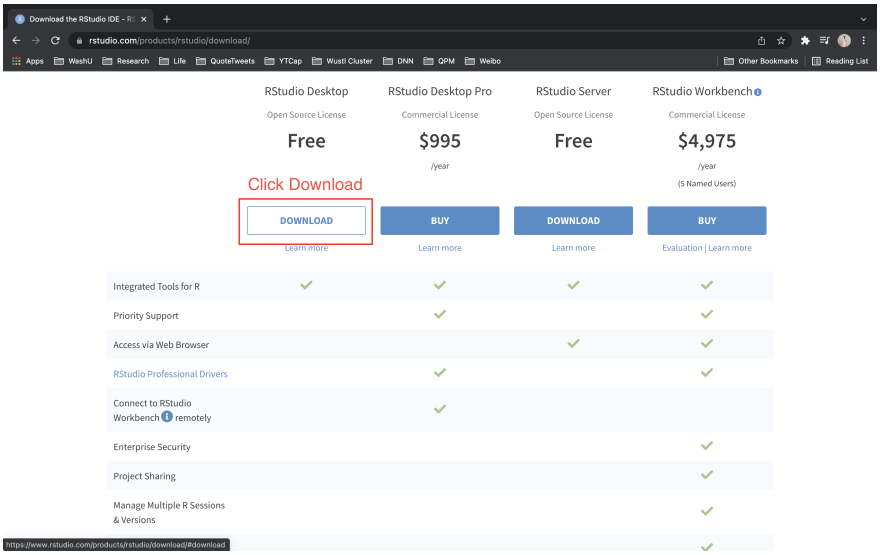

Figure 7: Download RStudio Desktop (free version)

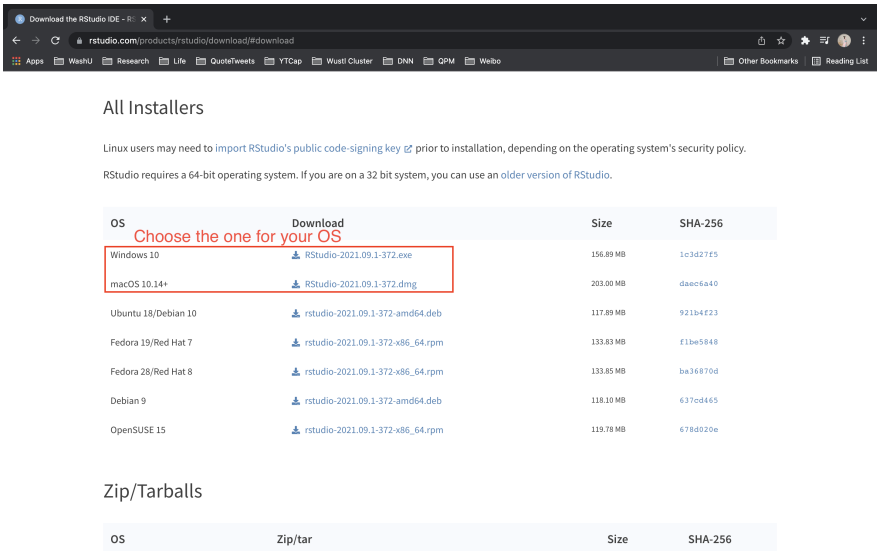

Figure 8: Choose the one for your OS

```r
help("%*%") # special characters
?mean # alphanumeric
help("+")
```

1.3 In-class exercises:

1. Install the latest version of R on your computer. https://www.r-project.org/
2. Install RStudio. https://www.rstudio.com/products/rstudio/download/
3. Create your first R script, and name it *my_script.r* .