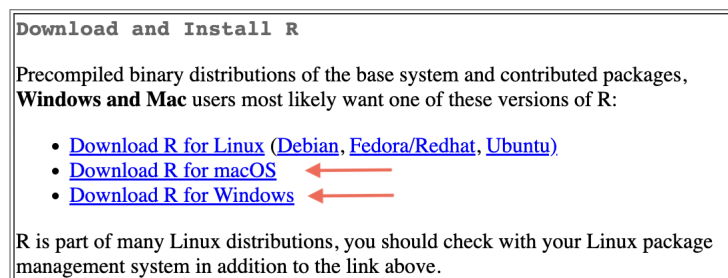# R and RStudio Installation

This document provides instructions for installing R and RStudio. It is important that you install in this order.

1 Installing R
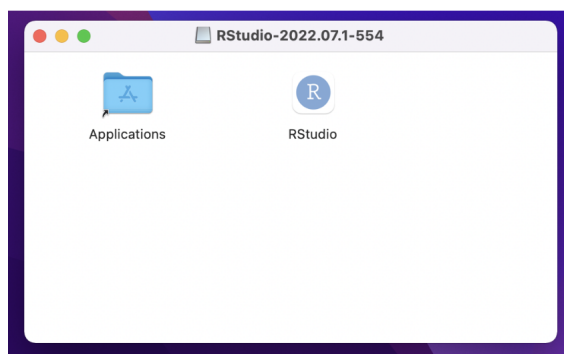
1. Visit `https://cran.rstudio.com/`.

2. In the first box 'Download and Install R', click on the choice that corresponds to your operating system (macOS or Windows).

3. For Mac users:

   (a) Check your Mac OS system (Apple icon -¿ About this Mac -¿ Overview -¿ Version xxx) and determine if you have an M1/M2 chip or the older Intel core (Apple icon -¿ About this Mac -¿ Overview -¿ second line).

   (b) Then on the website, click the newest release that supports your current OS version. If your version is 11 or higher, select the appropriate latest release for your Mac (either R-4.3.1-arm64.pkg or R-4.3.1-x86 64.pkg). Note that the 4.3.1 represents the version of R. The number may change depending on updates, and that's okay!

   (c) If your Version is oldser than macOS11, scroll down to find the version of R that supports your version.

   (d) A file will download (most likely to your Downloads folder). Run the file by clicking on it. Allow the app to make changes to your device if prompted.

4. For Windows users:

   (a) Click the link for 'install R for the first time'.

   (b) Once redirected, click 'Download R-4.3.1 for Windows'. Note that the 4.3.1 represents the version of R. The number may change depending on updates, and that's okay!

   (c) A file will download (most likely to your Downloads folder). Run the file by clicking on it. Allow the app to make changes to your device if prompted.

5. Follow the installation instructions, until you click on "Finish" to exit the installation setup.

6. At this step, R should be installed successfully.

2 Installing RStudio

1. Visit `https://posit.co/download/rstudio-desktop/`.

2. Click the blue button that says 'DOWNLOAD RSTUDIO DESKTOP FOR ¡your OS¿'. A file will automatically be downloaded.

   (a) Mac users: once again, if you have a version older than macOS 11, you will need to click the link to download a previous version.

3. Run the downloaded RStudio Executable file until you hit the "Finish" button. It may be the case that you don't have to click anything at all.

4. After RStudio finishes downloading, a window like this might pop up. If so, go ahead and drag the RStudio icon into the Applications folder.

5. Now navigate to where the application is located and open up RStudio!