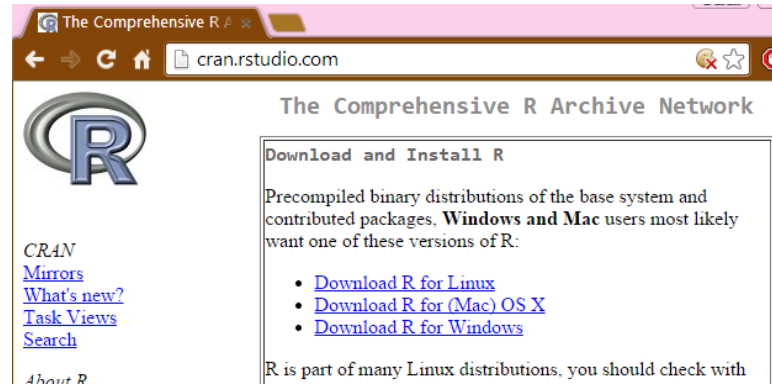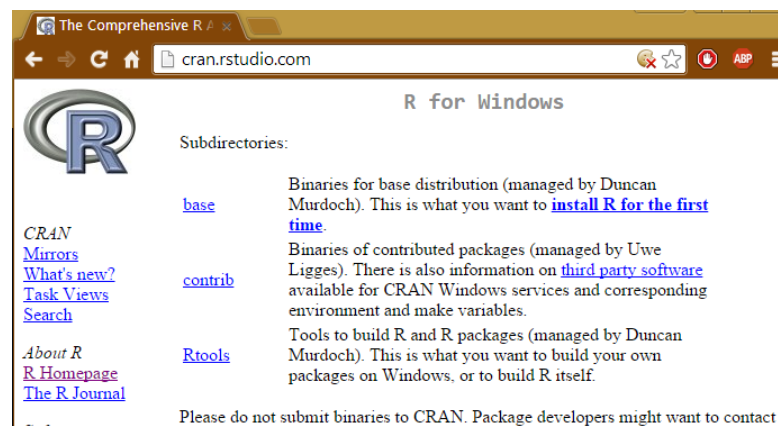# Install R

1. Go to the RStudio CRAN[1] mirror (at cran.rstudio.com) in order to select the appropriate operating system for your computer[2]. The remainder of these steps will illustrate the installation of R for the WINDOWS environment.

2. Select the "base" option.

3. Select the "Download R 3.1.2 for Windows" option (or similar if the version number has changed). Make sure to note where you saved this executable program on your computer.
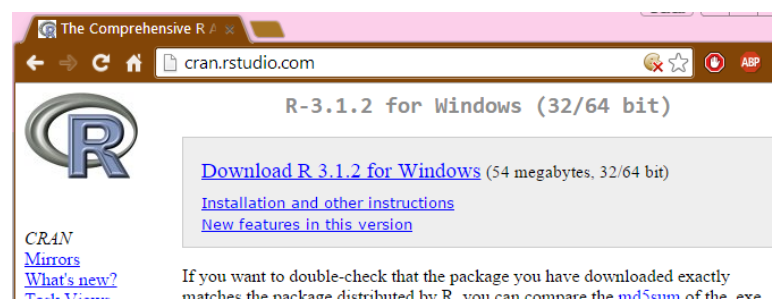

4. Locate on your computer and run the downloaded file (called "R-3.1.2-win.exe" or similar if the version number has changed). Select "English" language in the first dialog box (depending on your version of Windows you may have received security warnings before this dialog box appears).

5. Press "Next" on the next two dialog boxes (the first is a simple description and the second is a user agreement).

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[1]CRAN is an acronym for Comprehensive R Archive Network.

[2]You can select a different mirror by going to the R homepage, selecting the "download R" link in the "Getting Started" box and selecting a mirror location from the ensuing page.

6. Select a location to install R (simply use the default location if the location is not important to you – in the dialog box below I installed in a custom directory). Press "Next."
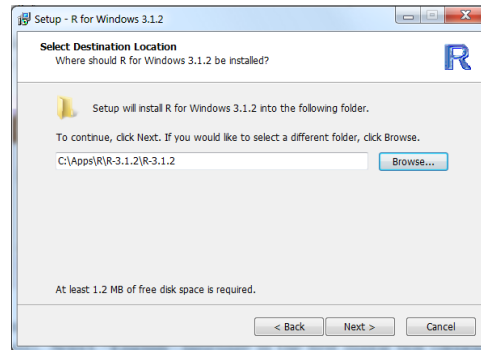
7. At this point you can choose to install 32- or 64-bit or both versions of R. If you do not have a 64-bit computer, then you must install the 32-bit version. If you do have a 64-bit computer, then I suggest, initially and for simplicity, installing only one version or the other. I usually install the 32-bit version as it has some slight advantages when not working with extremely large data sets and with other software I have installed on my machine (see this R FAQ). In this demonstration, I will install only the 32-bit version of R by de-selecting the "64-bit Files" option. Press "Next."
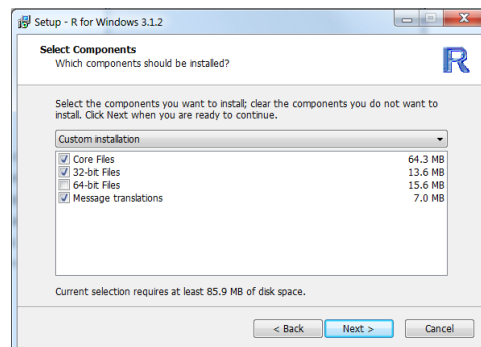
8. Select the "No (accept defaults)" (this is the default) option. Press "Next."

9. Decide whether or not to create a shortcut in your Start Menu folder (I suggest that you do NOT). Press "Next."

10. Decide whether or not to create desktop or Quick Launch icons (top two choices) and whether to register the version number and associate .RData files with R (bottom two choices). Generally, you will want to register the version number and associate the .RData files with R. Press "Next."
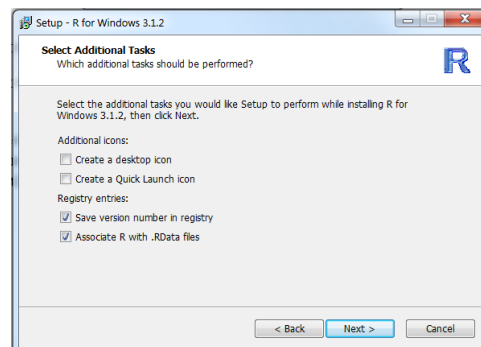
11. R should then begin installing files into the directory you chose previously. If everything goes well, then you should get one last dialog box noting such. Press "Finish."

Install RStudio

1. Go to the R Studio download page at www.rstudio.com/products/rstudio/#Desk. Press the "DOWN-LOAD RSTUDIO DESKTOP" button/graphic (near bottom-left).

2. Select the link that corresponds to the operating system appropriate for your computer. In the remainder of these directions I will demonstrate the installation for a WINDOWS operating system. Make sure to note where this executable program is saved on your computer.

3. Locate and run the downloaded file (called "RStudio-0.98.1091.exe" or similar if the version number has changed). Press "Next" on the first "Welcome" dialog box (depending on your version of Windows you may have received security warnings before this dialog box appears).

4. Select a location to install RStudio (simply use the default location if the location is not important to you – in the dialog box below I installed in a custom directory). Press "Next."
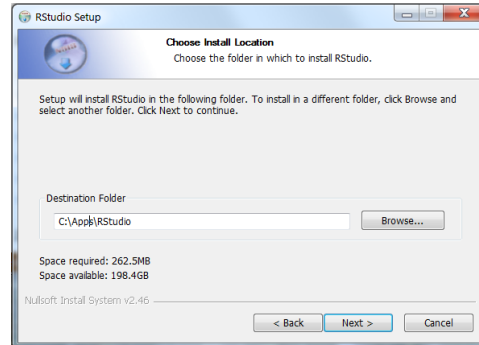
5. Decide whether or not to create a shortcut in the Start Menu folder (I suggest that you do). Press "Install."

6. RStudio should then begin installing files into the directory you chose previously. If everything goes well then you should get one last dialog box noting such. Press "Finish."

7. If you did not create a shortcut above then you will need to locate the "rstudio.exe" file inside the "RStudio/bin" folders inside the folder you chose to install RStudio in. On my computer, for example this file is inside of "C:/apps/RStudio/bin".