

Lab 1 - Getting Started in R and RStudio

Installing R and Rstudio

Assistance with installing R and Rstudio can be readily found online, but here is a good youtube video to walk you through the process:

https://www.youtube.com/watch?v=cX532N_XLIs

Getting Started with R and RStudio

Basic usage of Rstudio can also be found online. Here is a good youtube introduction:

<https://www.youtube.com/watch?v=IVKMsaWju8w>

RStudio is an enhanced way of accessing R, so often people refer to them interchangeably. When you open up RStudio, depending on your system, you should see 3 or 4 obvious windows, which are customisable and might differ in their locations.

Console window

Typically, the user needs to have one window for running code. Specific lines of code are performed by typing them into the console window and hitting return.

Script window

R is more useful if you can save your code as you go. Within the script window you can save a file that stores your working code. Each line in the script can be run one at a time, or all at once.

Plot window

You will generate plot outputs that appear in this window. Typically this window is shared with other windows on the upper tab.

Environment window

Any time you save a variable in R, it will be stored in the environment. The working environment can be seen in the environment window.

Screenshot of a typical Rstudio instance:

