BIOC461 - software/data download

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In this BIOC461 module we will be using the R statistical software running in the RStudio application to perform data visualisation and statistical analysis.

Download the data

The data for this module is available on GitHub. This link:

https://github.com/mikblack/BIOC461-stats/blob/master/DataSets.zip?raw=true

will download a zip file containing the data sets that we will use for the first lecture (week 1). Download the file, unzip it, and move the contents to a folder on your computer where you will save things for this module. In this week's lecture, creating a folder called "BIOC461" on your Desktop is suggested, with the "DataSets" folder located inside that. The various CSV files will then reside inside the DataSets folder.

Lab computer or own computer?

The computers in the G09B computer lab are available for you to use for this module. R and RStudio are installed, but you will still need to down the data, following the instructions above.

If you are using your own computer for this lab, you will need to have R and RStudio installed. Install or update R **before** you install or update RStudio.

To install the latest version of R, visit the following website, and download the version for your operating system:

http://cran.stat.auckland.ac.nz/

If you are running a version of R earlier that 3.6.0, then you should upgrade by installing the latest version of R from the website above.

To install RStudio, visit the following website

https://rstudio.com/products/rstudio/download/

and download the free version of "RStudio Desktop" for your operating system.

If you already have RStudio installed, you can upgrade to the latest version by choosing "Check for Updates" from the RStudio "Help" menu.