

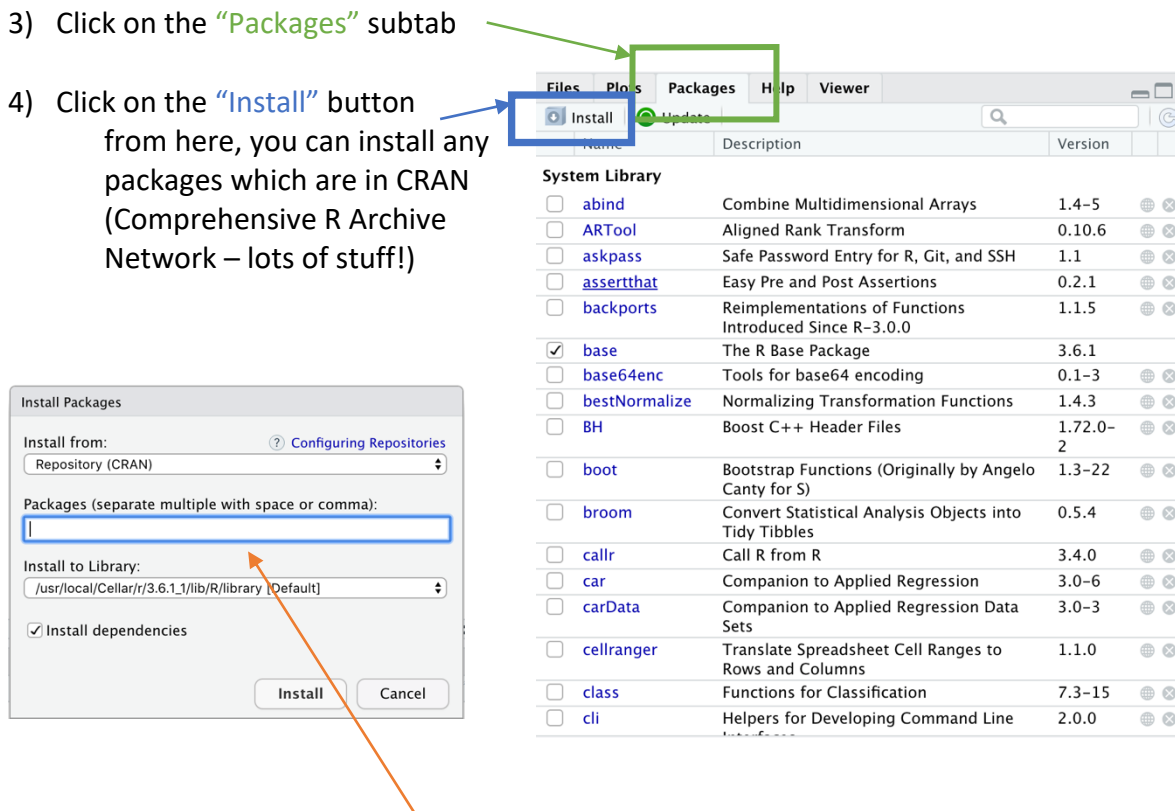
Getting started:

Install the latest version of R from CRAN: <https://cran.rstudio.com/>

Install R Studio: <https://rstudio.com/products/rstudio/download/#download>

Packages:

- 1) Open R Studio
- 2) In the bottom right, there is a tabbed window which contains Files/Plots/Packages/Help
- 3) Click on the “Packages” subtab
- 4) Click on the “Install” button from here, you can install any packages which are in CRAN (Comprehensive R Archive Network – lots of stuff!)



- 5) Install from CRAN by searching the archive for your package
- 6) Make sure the library will be saved to your R libraries (Default, unless you've changed the file path previously) and install dependencies

Libraries we need for today:

- tidyverse** contains some the “tidy” libraries for data wrangling and keeping things, well... tidy – there are some issues on latest MacOS versions, if you can't install the whole tidyverse, at least install **tidyr**
- rstatix** statistics functions which are easy to use and work well with tidy handling
- ggpubr** makes pretty graphs which are ready for publication by taking all the nice things about **ggplot2** and making them easier to use
- emmeans** for estimated marginal means (aka least square means) for Bonferroni testing