

R course – Getting Ready

We recommend you bring your own laptop for this course, however it is not mandatory. If you bring your own laptop please make sure you install R.

[R](#) is a programming language that is especially powerful for data exploration, visualization, and statistical analysis. To interact with R, we use [RStudio](#). You must install both. We will be working with R version 3.5.2 during this workshop.

Windows

[Video Tutorial](#)

Install R by downloading and running [this .exe file](#) from [CRAN](#). Also, please install the [RStudio IDE](#). Note that if you have separate user and admin accounts, you should run the installers as administrator (right-click on .exe file and select "Run as administrator" instead of double-clicking). Otherwise problems may occur later, for example when installing R packages.

macOS

[Video Tutorial](#)

Install R by downloading and running [this .pkg file](#) from [CRAN](#). Also, please install the [RStudio IDE](#).

Linux

You can download the binary files for your distribution from [CRAN](#). Or you can use your package manager (e.g. for Debian/Ubuntu run `sudo apt-get install r-base` and for Fedora run `sudo dnf install R`). Also, please install the [RStudio IDE](#).

The Tidyverse

We will also be using the R package “**Tidyverse**”. We recommend installing this package prior to the workshop.

Open RStudio and Type in the **console** `install.packages("tidyverse")` this may take a while as the package is a compilation of many packages (more information see <https://www.tidyverse.org/>).

If you have any trouble with installations and setups you will be able to use one of our computers.

An Overview of R

If you have never used R before, we recommend you come along on one of our R: Kick-off workshops ahead of the course. If that isn't possible, you should [watch this short playlist](#).