

Rintro practical

Contents

There are many good online resources for start learning R:

1. For example at DataCamp
2. Or at RStudio
3. Or focussed on Bioinformatic analysis at bioc

In this introduction to R you should run a few examples/exercises from the following Bioconductor courses:

1. Intro to R
2. Data Input and Manipulation
3. Statistical Analysis

At least finish **Intro to R** and first exercise **Data Input and Manipulation** and those how are quick have a look at the first part of **Statistical Analysis**.

In a few examples/exercises a datasets is required. These can be downloaded from datasets (click on the file, press the **Raw** button and use **Save as** to save it locally).

At the end of the practical you should have some understanding of R data types, how to perform simple manipulations on vectors, matrices and data.frames, how to create simple plots using R base graphics and able to extract summary statistics on data sets.