
Early Career Researcher Support Programme

Basic Skills and Methods Course

An Introduction to R (software use and code writing)

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23 – 25 November 2020
live online via Zoom
09.00 – 13.00 hrs.

Objectives

This introduction to R is intended for beginners with no prior experience in R. We will cover the installation and basic usage of R using R studio as a graphical user interface. Be aware that we will only cover a fraction of what is possible in R, as the course is a primer to give you a first look into R and to get you started using R independently. It will also not be a statistics course.

Topics

- understanding how R understands data (basic R data and object types)
- reading your data into R
- manipulating data in R
- visualizing your data (basic plotting and maps)

We will also discuss good coding practice and the two major R schools: base R and tidyverse (<https://www.tidyverse.org/>).

Methods

The course will consist of lectures/demonstrations, but will also include time for independent work on tasks and joint discussions on code solutions and other open questions you may have.

Target group

Beginners with no prior experience in R

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Format and schedule

Live online via Zoom (the link will be provided on 14 September at 08.00)

Time: 09.00 – 13.00 (incl. short breaks)

Mon, 23 Nov 2020	Introduction to R and R studio, data and object types, reading data into R
Tue, 24 Nov 2020	Data manipulations, base R vs tidyverse
Wed, 25 Nov 2020	Base R plot()-ing

Please note that in our online courses, we expect people to turn on their cameras. This is a matter of respect towards the lecturer/s, since it is awkward to talk to a black screen. After all, in the seminar room people wouldn't hide themselves either.

Registration

To register for this course, please visit the course webpage:

<https://www.marum.de/en/education-career/2020-11-23.html>

Please note that your registration will be binding.

The registration deadline for this course is **6 September 2020**.

Any enquiries regarding the course should be addressed to early-career@marum.de.