

Title: Workshop: Introduction to R: Basics

Instructor: Martin Schnuerch

Abstract:

This workshop will cover fundamentals of R. The focus is on (better) understanding the basic concepts and general workflow in R not only as a tool for data analysis but statistical computing in general. As such, the workshop is meant for students who just got started and/or have some (but not extensive) prior experience in R.

The topics may include (but can be adapted depending on participants' skill levels)

- Objects (types and structures; indexing)
- Functions and control-flow (conditionals, loops, basic vectorization)
- Basic data handling (reading data, subsetting)
- Basic statistical modeling/analysis

Assignment: Bring your own laptop with R installed.

Credits: 1 workshop day