Title: Workshop: Introduction to R: Advanced

Instructor: Martin Schnuerch

Abstract:

This workshop will focus on advanced topics in R (building on the workshop Introduction to R: Basics). The aim is to provide participants who have advanced (but not expert) knowledge in R with skills for a more efficient workflow and lay the grounds for more advanced statistical modeling.

Topics may include (but can be adapted depending on participants' skill levels and preferences):

- Advanced data handling (using the tidyverse)

- Data visualization with ggplot2

- Vectorization (using the apply family)

- Writing functions

- Simulations

Assignment: Bring your own laptop with R installed.

Credits: 1 workshop day