

Title: Advanced Topics in R

Instructors: David Izydorczyk and Martin Schnuerch

Abstract:

This course will give a practical introduction in the topics of (micro) benchmarking, profiling, vectorization, using C++ in R, and parallelization for people new to the topics. Participants will learn to measure the timing of their code and identify potential bottlenecks, as well as how to solve those bottlenecks and speed up R functions and simulations. Participants should have worked with R before and should know how to write a for-loop.