

Behavioral Genetic Data Analysis — Advanced workshop

A workshop on more advanced concepts and statistical methods of behavioral genetics



In this workshop, participants will be introduced to more advanced concepts and models of behavioral genetics. Using the data of the TwinLife study, participants will learn how to analyze twin family data with more complex models in R and to interpret the results.

Lecturers

Dr. Bastian Mönkediek
Mirko Ruks,
Theresa Rohm



When?

22.—23.09.2022
from 9.00 a.m. to
15.15 p.m.



Where?

This workshop will take place online (a zoom link will be provided after registration).



Course language

This workshop will be held in English.



Registration fee

None, participation at this workshop is free.



Registration

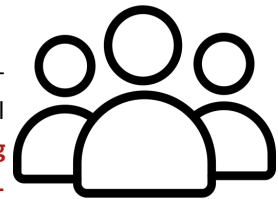
Please register via [this link](#) until 22th August 2022.



The flyer was created using resources from flaticon.com.

Target group

Social scientists from a broad disciplinary range (sociology, psychology, economics, political science) interested in including behavioral genetic models to their methodological toolbox. **Basic knowledge of R and of behavioral genetic data analysis (e.g., computing univariate/ bivariate ACE models) is mandatory. A prior participation in the basic workshop is highly recommended.**



Workshop Program

At the beginning of the workshop, a short recapitulation of the basics of behavioral genetics will be provided. The first day of the workshop will cover the conceptual background for ACE-beta models and their implementation and interpretation in R. The second day will focus on Gene-by-Environment Interactions (GxE). After getting an understanding of the concepts behind GxE models, statistical models will be implemented in R.

TwinLife Study

The German TwinLife study uses a longitudinal twin-family design to collect data from about 4000 families. It covers a vast number of multidisciplinary topics as well as measures of cognitive ability and personality in order to discover how inter-individual differences and social inequality arise. The data of the study is available to the research community and will be used for the practical session in this workshop.

If you have any questions, please feel free to contact us at the following email address: workshop@twin-life.de