Welcome

We are looking forward to meeting you at the "Data Simulation Workshop 2024" in Bern at the Institute of Psychology from the 31.01.2024 - 02.02.2024.

Here, you will find the most important information about the course.

Course program

First course day*: General introduction in R and RStudio*

31st of January 2024

09:00-12:00

Room: B102, Fabrikstrasse 8, 3012 Bern

This course day is led by Rahel Steuri and Gerda Wyssen. We will give a brief introduction to working with R and RStudio as well as an overview of the key functions for day 2 and 3. Specifically, we will cover how to install R and RStudio, load packages, import data, data wrangling, and data visualization.

If you are proficient (i.e. regular use) in R and RStudio, you can skip this day as we will provide a general introduction only. The content of the introduction can be found here. The script for day 1 will be also available on this website.

Second and third course day*: Data simulation with Lisa deBruine*

1st and 2nd of February 2024

09:00-17:00

Lunch break: 12:00-13:00 *Lunch will not be provided (Mensa/ Cafeteria is open)*

Room: B102, Fabrikstrasse 8, 3012 Bern

During these two course days, Prof. Dr. Lisa deBruine will give a hands-on introduction to data simulation. It is best to bring your own data to work on during the workshop.

Course prerequisites for day 2 and 3

- R and RStudio installed on a laptop,

- basic knowledge of R(Studio) and R Markdown,

- installed packages ({faux}, {afex}, {broom}, {tidyverse}, and {lme4} from CRAN),

- if possible: bring your own data sets, information on planned analyses, etc.

(Support for installing R and RStudio/ packages, and a basic introduction in R will be provided on day 1 of this course)

About: Lisa deBruine

Prof. Dr. Lisa deBruine is a professor of psychology at the University of Glasgow School of Psychology and Neuroscience. She created the R package {faux} to facilitate data simulation for multilevel modelling.

For more information, *visit:*

https://debruine.github.io

https://debruine.github.io/project/faux

https://rstudio-connect.psy.gla.ac.uk/debruine

Contact

For further questions and course registration, please contact

jeannette.gatschet@unibe.ch

If you wish to join day 1 only (introduction to R and RStudio), please contact Jeannette Gatschet.

Certificate of attendance

We can provide you with a certificate of attendance upon request.