
P C Q R
Potsdam Center for
Quantitative Research

<http://www.uni-potsdam.de/pcqr>

Workshop
Introduction to \mathcal{R}

LECTURER

Dipl.-Pol. Dag Tanneberg
(University of Potsdam)

DATE AND TIME

Nov 7, 2019 – 9 am to 4 pm (s.t)
Nov 8, 2019 – 9 am to 4 pm (s.t)

VENUE

University of Potsdam
Griebnitzsee Campus
House 7, room 2.41

About the Workshop

\mathcal{R} is a free, open-source software package for statistical computing and graphics. It has a wide range of applications and is easily extensible through user-written functions or libraries. For these and other reasons, the software enjoys growing popularity in the industry and throughout the sciences. Alas, \mathcal{R} sports an infamously steep learning curve. This workshop provides a grand tour of \mathcal{R} 's elementary features and thereby reduces the challenge. Its topics include:

- Getting \mathcal{R} , getting around in \mathcal{R} , and getting help on \mathcal{R} ;
- Basic (probabilistic) programming;
- Elementary data management;
- Introduction to ggplot2 graphics;
- Applied regression modeling.

Workshop sessions alternate between lecturer's input and self-learning exercises.

Prerequisites

There are no prerequisites for this workshop. However, participants will find the material easier to follow if they have a working understanding of introductory statistics or prior experience with any statistical software package.

Registration

The maximal number of participants will be 20. Please register by writing an E-Mail to pohle@empwifo.uni-potsdam.de by October, 25, noon at the latest. Students and researchers from all Universities in Brandenburg and Berlin are welcome, but PCQR members and their staff take precedence.