Seminar offering within the GGG course programme

course title:

Statistical Analysis with R

lecturer:

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organization:

Chair of statistics

date & time:

Mon. 11.03. - Fri. 15.03.
10:00 - 12:00 + 14:00 - 16:00

target group:

$\boxtimes$ beginners   OR $\square$ advanced learners

language of course and discussion:

$\boxtimes$ English   OR $\square$ German

maximum number of participants: 10

conditions of participation:

basic knowledge of statistics

credits (ECTS):   2

brief description:

This course is primarily aimed for PhD students from the faculties participating in the GGG and who plan to conduct empirical analyses within their PhD project. Prior knowledge of R is not required. However, the participants are supposed to be familiar with basic statistics (e.g. from introductory courses in statistics or econometrics). The freely available statistical software environment R has established itself as a de-facto standard in many areas of statistics over the last years. The aim of this workshop is

to provide an introduction into R and to repeat and illustrate statistical concepts that are relevant for applied empirical studies with R.

The number of participants is limited to 10. The participants are supposed to bring their own laptops. In order to obtain a course certificate it is necessary to actively participate in the workshop and to hand in a report (approx. 12 pages).

literature:

location:

"Blauer Turm" MZG 8.163

catering:

There is a small kitchen (‚kitchenette') in the "Tagungszentrum" that can be used for coffee or tea purposes. All equipment necessary (e.g. coffee machine, dishes, cutlery, etc.) is available.

Please take care of tea, coffee, milk, etc. on your own. The same also applies to food and cold drinks.

lesson contents:

 Introduction and fundamentals of R
Illustration of statistical concepts with R
Importing and coding data
Graphics with R

performance requirements:

In order to obtain course certificate and credits it is necessary to actively participate in the workshop and to hand in a report (approx. 12 pages)

kind of (written) examination:

☒ paper

☐ written composition

☐ presentation

☐ other:

provision of advance information (e.g. literature or list of seminar papers)

☐ by lecturer via e-mail

OR

☒ presumably not necessary

comments/notes/other:

The participants are supposed to bring their own laptops.