MARUM / GLOMAR Basic Skills and Methods Course:

An Introduction to R (software use and code writing)

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11 – 12 January 2016, MARUM Bremen

Objectives

This course is an introduction to the practical use (programming and code writing) of the free software package R for statistics and graphics. It aims to familiarize you with the basic principle of the vector-oriented programming language and code writing in R and the main way of data processing and data manipulation (i.e. applying functions and running calculations). In addition, the course covers the main aspects from download, setup, practical adjustments in the software, as well as packages and libraries to get you started. After a theoretical introduction, we will have practical sessions of basic script writing.

Please note, that statistics is not the topic of this introductory course. This will be covered in the abovementioned courses by Prof. Dr. Dieter Wolf-Gladrow.

Software used in the course

R: Version R 3.2.0 (for Windows)
Tinn-R: Text editor version 4.0.2 (for Windows)

Please note:
*Participants who would like to **bring their own laptops** may do so but are responsible to make sure that the software is running properly by the beginning if the course.*
Instructions for downloading and setting up R are available at: www.r- project.org. Tinn-R can be downloaded at: http://nbcgib.uesc.br/lec/software/editores/tinn-r/en.

During the course, support can only be given for laptops provided by GLOMAR.
The main operating system during the course will be Windows. Support for Macintosh cannot be granted.

Target group

Absolute beginners in using R

This course addresses especially those people who plan to attend the MARUM / GLOMAR course *"Statistics – An Introduction to Hypothesis Testing and Parameter Estimation (using R)"* from 19 – 22 January 2016 and who need to get an idea of the software

Location and time

MARUM, University of Bremen, Leobener Str., 28359 Bremen, Germany, Room 2070

11 – 12 January 2016, 09.00 – 13.00 hrs.

Registration

To register for this course, please fill in the <u>registration form</u>.

Please note that you registration will be binding.

The registration deadline for this course is **7 January 2015**.

Any enquiries regarding the course should be addressed to glomar-courses@marum.de.