

MARUM / GLOMAR Basic Skills and Methods Course

An Introduction to R (software use and code writing)

Dr. Pier Luigi Buttigieg

Max Planck Institute for Marine Microbiology, Bremen

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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 courses by Prof. Dr. Dieter Wolf-Gladrow from 18 to 20 January 2017 (part I) and 30 January to 1 February 2017 (part II).

Software used in the course

R: at least v3.3.2 <https://cran.r-project.org/>
R studio: at least v1.0.44 <https://www.rstudio.com/>

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 of the course.*

***During the course**, support can only be given for laptops provided by GLOMAR.*

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)” and who need to get an idea of the software

Location and time

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

09 – 10 January 2016, 09.00 – 13.00 hrs.

Registration

To register for this course, please visit the [course web site](#).

Please note that your registration will be binding.

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