

ISOS Course

# Multivariate Analysis

Dr. Christophe Eizaguirre

28 - 31 May 2013 | 09:00 - 15:00

In this class we will try to provide a toolkit of statistics for univariate and multivariate analyses. We will use R as a platform and will start with getting familiar with the R packages allowing “beginners” to also follow the course. Participants can bring their own data.

The course will follow those general guidelines:

- Introduction to R
- Analysis of variance, linear models
- Generalized linear models
- Mixed effect models
- Multivariate analysis of variance
- Principal component analysis
- Analysis of similarities

If you have questions, write [ceizaguirre@geomar.de](mailto:ceizaguirre@geomar.de)

**Venue:** GEOMAR westshore building, small practical room (B106)

*ISOS PhDs have priority in our courses.*

Please register online at

[www.futureocean.org/isos](http://www.futureocean.org/isos)