

Course an Open Seminar on Compositional Data Analysis (CoDaCourse)

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<http://www.biometricsociety.net/2015/11/12/course-an-open-seminar-on-compositional-data-analysis-codacourse/>

Compositional data are vectors which components show the relative importance of some parts of a whole. Typical examples are data presented in percentages, ppm, ppb, or the like. Aitchison introduced the logratio approach to analyse compositional data back in the eighties. Since then, progress has been done in understanding the geometry peculiar to their sample space, the D-part simplex.

This CoDaCourse provides an introduction to theoretical and practical aspects of the statistical analysis of compositional data, as well as an informal discussion forum on more advanced topics. In the theoretical sessions, the current state of the art in this field will be presented. In the practical sessions, coda techniques are applied using the available software CoDaPack and some R packages. An open discussion session is also planned. We encourage you to bring your own data!!!

Statisticians and applied scientists of any field, in particular engineering geologists, geologists, economics, scientists, environmental engineers, and bio&environmental scientists, working in academic or industrial institutions, are strongly encouraged to take this CoDaCourse. It is recommended that attendants have undergone some first semester courses on statistics. Basic knowledge about multivariate statistics may also be handy.

Due to the class room facilities at the UdG, the places are limited to 30. Early registration is recommended.

Further information at: www.compositionaldata.com in CoDaCourses menu. Soon a link for CoDaCourse 2016 registration will be available in this webpage.

This course is organized by the Research Group on Compositional Data Analysis from the Computer Science, Applied Mathematics and Statistics Department of the University of Girona (UdG).

The course is officially accredited by the International Association for Mathematical Geosciences (IAMG).

Our best CoDa-regards,

Glòria Mateu-Figueras (Organizer)