

Short Course Statistics (Theory)

Trainer



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Objective

To acquaint doctoral candidates with important statistical methods.

Description

Modern statistics is a powerful tool for understanding experimental data. By looking at interesting sets of real data, we will get an idea of the kind of questions statistics can address and the methods it uses to investigate them.

This workshop will cover:

- The idea of statistics: modelling variability
- Descriptive statistics: the data in a nutshell
- Graphical representation: the message at a glance
- Statistical significance: what does the p-value really mean?
- Tests of location: is Y bigger than X?
- Regression: how does Y depend on X?
- Analysis of variance: how to compare more than two groups?
- Categorical data: the analysis of contingency tables

The workshop will take place at Campus Westend.

Organizational Information

Language	English
Target group	Doctoral Candidates at all stages and Postdocs from all faculties
Date	Tuesday, 17 April 2018, 9:30 – 16:30
Registration	For registration click here