Linear Regression with R

Trainer

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- Holds a PhD in chemistry
- He has extensive computational biology experience, both in academia and industry
- His develops short courses on biostatistics and scientific programming

⚙ Objective

The participants learn to understand the intuition behind linear regression models in statistics in order to use these methodologies more productively in their research.

📖 Description

The course consists of the following major modules:

1. Linear regression: the basic principles. Ordinary least squares
2. Regularisation: LASSO, Ridge, Elastic net
3. Nonlinear problems: polynomial regression, linearization techniques

✦ Methodology

Interactive lecture with numerous small hands-on exercises using the RStudio programming environment.

ℹ Conditions

Familiarity with the R programming language and basic statistical knowledge are required.

ℹ Organizational Information

Language / Format	English / Online
Target group	Doctoral Candidates at all stages and Postdocs (R2/R3) from all faculties
Date	Thursday, 27 June 2024, 9:00 – 13:00
Registration	**For registration click here**