



PRESENTS

BIOSTATISTICS

Statistical Analysis applied to Research Data

Apply by 12th April 2019

Teacher: Hafid Laayouni - UPF

Duration: 10 sessions (14h theory + 6 h practicals) + optional practical classes Tuesdays 15-16h

Schedule: 26th April- 28th June 2019, Fridays 10:00- 11:30

Maximum n° students: 19*

- T01. Introduction. Descriptive statistics. Probability and distributions. Sampling distribution. Confidence intervals
- T02. Hypothesis testing. The t-test
- Practical 01. Exercises and hands on sessions T01-T02
- T03. Analysis of variance. One-way ANOVA
- T04. ANOVA. Multiple comparison procedures. Two way ANOVA
- Practical 02. Exercises and hands on sessions T03-T04
- T05. Correlation and regression
- T06. Multiple regression analysis. Partial correlation
- Practical 03. Hands on sessions T05-T06
- T07. Analysis of Covariance- Effect size, and a summary of inference methods

* Participants need to have a basic R programming skills

Contact training@crg.eu
More information



Register