UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Clinical Data Science: Advanced Statistics I

2627-1002-02

Title

Clinical Data Science: Advanced Statistics I

Teacher(s)

Principles of regression and models for continuous data – 6h Francesca Graziano
Effect measures with binary endpoints – 2h Stefania Galimberti
Regression models for binary response – 6h Matteo Petrosino
Variable selection – 2h Federico Ambrogi
Prediction models – 2h Federico Ambrogi
Bayesian Analysis – 8h Bernardo Nipoti
Missing data – 4h Stefano Vezzoli
Multiple testing – 2h Stefania Galimberti

Language

English

Short description

To develop statistical skills and knowledge for the analysis and interpretation of studies through advanced

statistical methods used in clinical trials and observational studies.

CFU / Hours

4 / 32

Teaching period

April 29th 17.00-19.00 Francesca Graziano - PRE-RECORDED VIDEO
May 4th 17.00-19.00 Francesca Graziano --STREAMING
May 6th 17.00-19.00 Francesca Graziano -STREAMING
May 8th 17.00-19.00 Stefania Galimberti - STREAMING
May 9th 09.00-13.00 Matteo Petrosino - STREAMING
May 11th 17.00-19.00 Matteo Petrosino - STREAMING
May 13th 17.00-19.00 Federico Ambrogi - PRE-RECORDED VIDEO
May 15th 17.00-18.00 Federico Ambrogi - PRE-RECORDED VIDEO
May 15th 18.00-19.00 Federico Ambrogi -STREAMING
May 16th 9.00-13.00 Matteo Petrosino - STREAMING
May 18th 17.00-19.00 Bernardo Nipoti - STREAMING
May 20th 17.00-19.00 Bernardo Nipoti - STREAMING
May 22th 17.00-19.00 Bernardo Nipoti - STREAMING
May 23rd 9.00-11.00 Bernardo Nipoti - STREAMING
May 23rd 11.00-13.00 Giulia Capitoli - PRE-RECORDED VIDEO

COURSE EVALUATION: June 6th 17.00-19.00

Sustainable Development Goals