

UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Clinical Data Science: Advanced Statistics I

2526-1002-02

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

May 7th 17.00-19.00 Francesca Graziano - PRE-RECORDED VIDEO

May 9th 17.00-19.00 Francesca Graziano - STREAMING

May 10th 9.00-11.00 Francesca Graziano - PRE-RECORDED VIDEO

May 10th 11.00-13.00 Stefania Galimberti - STREAMING

May 14th 17.00-19.00 Matteo Petrosino - STREAMING

May 16th 17.00-19.00 Matteo Petrosino - STREAMING

May 17th 9.00-11.00 Matteo Petrosino - STREAMING

May 17th 11.00-13.00 Federico Ambrogi - PRE-RECORDED VIDEO

May 19th 17.00-19.00 Federico Ambrogi - PRE-RECORDED VIDEO

May 21st 17.00-19.00 Bernardo Nipoti - STREAMING

May 23rd 17.00-19.00 Bernardo Nipoti - STREAMING

May 24th 9.00-13.00 Bernardo Nipoti - STREAMING

May 26th 17.00-19.00 Stefano Vezzoli - STREAMING

May 28th 17.00-19.00 Stefano Vezzoli - STREAMING

May 30th 17.00-19.00 Stefania Galimberti - PRE-RECORDED VIDEO

INDIVIDUAL COURSE EVALUATION: June 4th 17.00-19.00

Sustainable Development Goals