



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Clinical Data Science: Advanced Statistics I

2425-1002-02

Obiettivi

To develop statistical skills and knowledge for the analysis and interpretation of studies through advanced statistical methods used in clinical trials and observational studies.

Contenuti sintetici

Analysis of Variance (ANOVA) – 2h Laura Antolini
Principles of regression and models for continuous data – 6 h Paola Rancoita
Effect measures with binary endpoints – 2h Stefania Galimberti
Regression models for binary response – 6h Chiara Brombin
Variable selection – 2h Federico Ambrogi
Prediction models – 2h Federico Ambrogi
Bayesian Analysis – 8h Bernardo Nipoti
Missing data – 4h Stefano Vezzoli

Programma esteso

Prerequisiti

Modalità didattica

Materiale didattico

Periodo di erogazione dell'insegnamento

May 4th 9.00-11.00 Laura Antolini - STREAMING
May 4th 11.30-13.30 Paola Rancoita - STREAMING
May 8th 17.00-19.00 Paola Rancoita - STREAMING
May 10th 17.00-19.00 Paola Rancoita - STREAMING
May 11th 9.00-11.00 Stefania Galimberti - STREAMING
May 11th 11.00-13.00 Chiara Brombin - STREAMING
May 15th 17.00-19.00 Chiara Brombin - STREAMING
May 17th 17.00-19.00 Chiara Brombin - STREAMING
May 18th 9.00-13.00 Federico Ambrogi - PRE-RECORDED VIDEO (9.00-12.00) + STREAMING (12.00-13.00)
May 22nd 17.00-19.00 Bernardo Nipoti - STREAMING
May 24th 17.00-19.00 Bernardo Nipoti - STREAMING
May 25th 9.00-13.00 Bernardo Nipoti - STREAMING
May 29th 17.00-19.00 Stefano Vezzoli - STREAMING
May 31st 17.00-19.00 Stefano Vezzoli - STREAMING

COURSE EVALUATION: June 7th 17.00-19.00

Modalità di verifica del profitto e valutazione

Individual assignment - Multiple choice questions

Orario di ricevimento

Sustainable Development Goals
