UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Medical Statistics

2526-1-I0202D005-I0202D015M

Aims

Basic knowledge of the most important statistical-methodological tools of basic study design and descriptive statistics through practical implementation.

Contents

Basics of probability calculation
Probability estimation with a Frequentist approach

Detailed program

Definition of Experiment
Sample space, simple and compound events
Probability with classical approach
Probability with a Frequentist approach
Probability estimation with a Frequentist approach in experiments with categorical results
Frequency tables in experiments with continuous results
Graphical representation through istogram and gaussian approximation

Prerequisites

Listed in the syllabus of the whole course.

Teaching form

Teaching with frontal hours carried out in presence mode

Textbook and teaching resource

- Book: Fondamenti di statistica Micheal Sullivan III, traduzione a cura di Emma Zavarrone, Pearson 2020, diponibile anche come e-book https://www.pearson.it/opera/pearson/0-7264-fondamenti_di_statistica
- Slides

Semester

Listed in the syllabus of the whole course.

Assessment method

Listed in the syllabus of the whole course.

Office hours

Listed in the syllabus of the whole course.

Sustainable Development Goals

QUALITY EDUCATION | GENDER EQUALITY