SYLLABUS DEL CORSO

Statistica Medica

2324-1-I0102D003-I0102D010M

Aims

The course aims to provide students with the main elements of descriptive statistics.

Contents

Methods for data description.

Detailed program

MEDICAL STATISTICS - Quantitative-qualitative variables. Series in statistics. Graphical representation of a distribution. Position index of a distribution. Index of dispersion of a distribution. Scatter diagrams. Index association between two quantitative values. Reliability of a measure, random and systematic errors. Index of precision and accuracy. Definition of Gaussian density. Approximation of a histogram using the Gaussian distribution. Definition of standardized Gaussian density and uses. Basic concepts of regression and correlation.

Prerequisites

Teaching form

Lectures and exercises.

Textbook and teaching resource

Textbook and teaching resource
Fowler J., Jarvis P., Chevannes M. (2006) Statistica per le professioni sanitarie, EdiSES;

Semester

first year- first semester

Assessment method

Written test: test with multiple choice and open ended questions.

Office hours

on request by email

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY