SYLLABUS DEL CORSO

Statistica Medica

2223-1-I0202D005-I0202D015M

Aims

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

The student will be able to: understand the main concepts of study design, implement descriptive statistical analyses, undestand descriptive statistical analyses.

Contents

Basic tools of descriptive statistics.

Detailed program

- Basic lexicon: population, variables and measurement, main types of measures, formal measurement theory, sample (**chapter 2**)
- Descriptive tools: tables and diagrams for nominal data, tables and graphs for numerical scores, typical errors (**chapter 3**)
- Numerical description: central trend indicators, variability indicators (**chapter 4**)
- Distributions of numerical scores: normal distribution, asymmetry and kurtosis, discrete probability distributions (**chapter 5**)

Prerequisites

Listed in the syllabus of the whole course.

Teaching form

Listed in the syllabus of the whole course.

Textbook and teaching resource

- Howitt, D., & Cramer, D. (2020). Introduzione alla statistica per psicologia (7 ed.) (M. Benassi, R. Bolzani, & G. Rossi, a cura di). Pearson Italia. Ebook available at this link , standard book available at this link
- Software SPSS downloadable from

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