UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Statistica Sociale

2223-1-003P001005

Learning objectives

Knowledge and understanding

- Statistical-psychometric key concepts and terminology
- Criteria for assessment tests in behavioural analysis
- Epidemiological data for profiles linked to socio-demographic variables
- Time change in assessment

*Ability in applying knowledge and understanding

- Applying Statistical-psychometric methods to behavioural analysis
- Employing epidemiological results in identifying understanding confounding variables and norms
- Deficits evaluation in time, even relating to rehabilitative interventions

Contents

•Module 1
• Review of basilar statistical concepts

- Normative data and related psychometrics properties

Module 2
• Introduction to single case in neuropsychology and clinical psychology
• Principles of latent class modelling

- Ethical issues surrounding quantitative methods*

Soft skill: Introduction to user-friendly statistical software

Textbooks and Reading Materials

Learning materials are available on the course elearning page

Further references available online, university library:

- Maroof, D. A. (2012). Statistical methods in neuropsychology: Common procedures made comprehensible. Springer Science & Business Media.
- Mitrushina, M., Boone, K. B., Razani, J., & D'Elia, L. F. (2005). Handbook of normative data for neuropsychological assessment. Oxford University Press.
- Giromini, L., Ales, F., De Campora, G., Zennaro, A., & Pignolo, C. (2017). Developing age and gender adjusted normative reference values for the Difficulties in Emotion Regulation Scale (DERS). Journal of Psychopathology and Behavioral Assessment, 39(4), 705-714.
  Crawford, J. R., & Garthwaite, P. H. (2012). Single-case research in neuropsychology: a comparison of five forms of t-test for comparing a case to controls. cortex, 48(8), 1009-1016.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING