

STEFANIA MIGNANI

stefania.mignani@unibo.it

Professor of *Statistics and data analysis*
Bologna Business School

OTHER POSITIONS

Member of the Teaching Body for Ph.D. in Statistics.

Supervisor of headquarters operating unit – Statistics Department, Rimini Campus.

Member of Economy, Management and Statistics School board.

Member of the Department Council.

Member of the Rimini Campus board.

TEACHING ACTIVITY

Data Analysis – “Finanza Assicurazioni e Impresa” Degree, Economy, Management and Statistics School – Rimini Campus, University of Bologna.

Statistical Evaluation models – “Finanza Assicurazioni e Impresa”, Economy, Management and Statistics School – Rimini Campus, University of Bologna.

Public-opinion polls methodologies – “Statistica, Economia e Impresa” – Economics, Management and Statistics school, University of Bologna,

Latent variable models – Ph.D. in Statistics, Statistics Department, University of Bologna

Statistics and Data Analysis

PRINCIPAL PUBLICATIONS

1) I. MARTELLI, M. MATTEUCCI, S. MIGNANI (2016) Bayesian estimation of a multidimensional additive graded response model for correlated traits, COMMUNICATIONS IN STATISTICS. SIMULATION AND COMPUTATION,

2) C. BERNINI, M. MATTEUCCI, S. MIGNANI (2015) A Bayesian multidimensional IRT approach for the analysis of residents' perceptions toward tourism, ELECTRONIC JOURNAL OF APPLIED STATISTICAL ANALYSIS

- 3) C. BERNINI, M. MATTEUCCI, S. MIGNANI (2015) Investigating heterogeneity in residents' attitudes toward tourism with an IRT multidimensional approach, *QUALITY & QUANTITY*
- 4) M. MATTEUCCI, S. MIGNANI (2014), Multidimensional IRT models to analyze learning outcomes of Italian students at the end of lower secondary school, *QUANTITATIVE PSYCHOLOGY RESEARCH*, Springer Proceeding in Mathematics and Statistics, The 78th Annual Meeting of the Psychometric Society
- 5) M. MATTEUCCI, S. MIGNANI (2014) Exploring regional differences in the reading competencies of Italian students *EVALUATION REVIEW*
- 6) S. MIGNANI, M.G. OTTAVIANI, R. RICCI (2014), Teaching statistics at secondary education in Italy: some issues on large scale standardized test results, *PROCEEDINGS* of 9TH International Conference on Teaching Statistics "Sustainability in Statistics education", http://iase-web.org/Conference_Proceedings
- 7) GNALDI M; MATTEUCCI M; MIGNANI S; FALOCCHI N (2013) Methods of Item Analysis in Standardized Student Assessment: an Application to an Italian Case Study, *THE INTERNATIONAL JOURNAL OF EDUCATIONAL AND PSYCHOLOGICAL ASSESSMENT*
- 8) T. DI BATTISTA, S. MIGNANI, C. CECCATELLI (2012) Motivazione, apprendimento e valutazione nella scuola secondaria di II grado: il caso delle olimpiadi nazionali di statistica, *INDUZIONI*
- 9) M. MATTEUCCI, S. MIGNANI, B.P. VELDKAMP (2012) The use of predicted values for item parameters in item response theory models: an application in intelligence tests, *JOURNAL OF APPLIED STATISTICS*