SUNOVA & SHAPE 2014

Statistics with UNObservable VAriables
Statistical models for HumAn Perception and Evaluation

Workshop dedicated to the memory of Prof. Livia Dancelli

October 21, 2014

Sala Biblioteca

Department of Economics and Management

Via S. Faustino, 74/b – Brescia

University of Brescia

9.30-9.40 INTRODUCTION
MAURIZIO CARPITA *University of Brescia*
EUGENIO BRENTARI *University of Brescia, SIS Steering Committee*
GIUSEPPE BERTOLI *Deputy Head of DEM - University of Brescia*

9.40-11.00 KEYNOTE LECTURES - CHAIRS: PAOLA ZUCCOLOTTO - MARICA MANISERA

GERHARD TUTZ *Ludwig-Maximilians-University, Munich*
MODELLING CATEGORICAL DATA: ALTERNATIVE MODELLING STRATEGIES AND REGULARIZATION METHODS

DANIEL OBERSKI *Tilburg University*
A MEASURE TO EVALUATE MODEL FIT BY SENSITIVITY ANALYSIS

11.00-11.30 COFFEE BREAK

11.30-13.30 THE SHAPE SESSION – Chair: Maurizio Carpita

A COMPREHENSIVE APPROACH TO ORDINAL DATA MODELLING
MARIA IANNARIO, DOMENICO PICCOLO *University of Naples Federico II*

PERCEPTIONS' ANALYSIS WITH NONLINEAR CUB MODELS*
MARICA MANISERA, PAOLA ZUCCOLOTTO *University of Brescia*

THE SARMANOV CUB MODEL
ROBERTO COLOMBI *University of Bergamo* **AND SABRINA GIORDANO** *University of Calabria*

AN OVERVIEW OF THE LATENT MARKOV MODELS
FULVIA PENNONI *University of Milano-Bicocca*

MODELLING APPROACHES TO ANALYZE THE PERCEPTION OF WORKING CONDITIONS
STEFANIA CAPECCHI *University of Naples Federico II* **AND MILOS KANKARAS** *EUROFOUND, Dublin*

CLUSTERING RANKING DATA IN MARKET ANALYSIS
EUGENIO BRENTARI, LIVIA DANCELLI, MARICA MANISERA, MARIKA VEZZOLI *University of Brescia*

13.30-14.40 LIGHT LUNCH

14.40-17.00 THE SUNOVA SESSION – Chair: Domenico Piccolo

MULTIDIMENSIONAL ITEM RESPONSE THEORY MODELS FOR ORDINAL DATA: MODEL SELECTION AND RELATED ISSUES
FEDERICO ANDREIS, PIER ALDA FERRARI *University of Milan*

PREDICTING ECONOMIC PUBLIC OPINIONS IN EUROPE*
ENRICO CIAVOLINO, MARIANGELA NITTI *University of Salento* **AND MAURIZIO CARPITA** *University of Brescia*

STRUCTURAL EQUATION AND RASCH MODELS FOR POLYTOMOUS DATA: A COMPARISON
SILVIA GOLIA, ANNA SIMONETTO *University of Brescia*

A COMPARISON BETWEEN DIFFERENT IRT MULTIDIMENSIONAL MODELS FOR ANALYSING RESIDENTS' SUPPORT TOWARD TOURISM
CRISTINA BERNINI, MARIAGIULIA MATTEUCCI, STEFANIA MIGNANI *University of Bologna*

THE RASCH MODEL AND THE SUFFICIENCY ISSUE
LUCIO BERTOLI-BARSOTTI *University of Bergamo*

SIMULATING THE DISCRETIZATION PROCESS RESULTING FROM THE LIKERT SCALE ADOPTION
GIUSEPPE BOARI, MARTA NAI RUSCONE, *Catholic University of the Sacred Heart, Milan*

BAYESIAN NETWORKS: ROBUSTNESS AND SENSITIVITY ISSUES
FEDERICA CUGNATA *University of Turin*
RON KENETT *KPA Ltd., Raanana, Israel and University of Turin, NYU-Poly, NY, USA*
SILVIA SALINI *University of Milan*