



IMPS 2022
BOLOGNA ITALY
University of Bologna

July 11-15

Poster Session Reception

Wednesday, July 13 from 5:20 p.m. - 6:40 p.m.
Belmeloro Building (University of Bologna, Italy)

Poster 1	Yu-Wei Chang	A Model-Assisted Approach for Distinguishing Two Nonresponses in Achievement Test or Survey Data
Poster 2	Ana Carla Crispim	Socioemotional competences and vocational interests: A network analysis
Poster 3	Weldon Smith	Constructing parcels with the continuous response model
Poster 4	Minju Hong	Multi-level Reliabilities with Missing Data
Poster 5	Mairead Shaw	Understanding, calculating, and interpreting R-squared effect size measures in multilevel models
Poster 6	Ronna Turner	Evaluating the Rasch tree method for balanced and unbalanced DIF
Poster 7	Lubomir Stepanek	Machine-learning methods for item difficulty prediction using item text features
Poster 8	Michalis Michaelides	Impact of rapid guessing on country rankings in PISA
Poster 9	Mingya Huang	Bayesian Hierarchical Stacking in Random Effects Models
Poster 10	WITHDRAWN	WITHDRAWN
Poster 11	Edgar Merkle	Modeling ordinal variables in blavaan
Poster 12	Nai-En Tang	Estimating the accuracy of classification into pass/fail conditions of the criterion-referenced Chiropractic Written Clinical Competence Exam
Poster 13	Candice Pattisapu	Regularized robust confidence interval estimation in Cognitive Diagnostic Models
Poster 14	WITHDRAWN	WITHDRAWN
Poster 15	Jana Dlouhá	Item difficulty prediction using computational psychometrics and linguistic algorithms
Poster 16	Ya-Hui Su	Investigating Differential Item Functioning via Odds Ratio in CDM
Poster 17	Tomasz Żółtak	Opportunities and problems of collecting paradata in web-based studies
Poster 18	Ömer Emre Can Alagöz	Investigating the co-existence of response styles via mixture multidimensional IRTree
Poster 19	Magdalena Holter	Measuring patient activation in patients with chronic diseases
Poster 20	Martin Tomasik	Vertical scaling of data from a large-scale assessment system
Poster 21	Yichi Zhang	Evaluating standard error estimators on small clustered samples with heteroscedasticity
Poster 22	Hunwon Choi	Validity Study using EFA on the Mathematics Attitude Scale
Poster 23	Conor Lacey	Measurement invariance across age in the Future Events Questionnaire (FEQ)
Poster 24	Ria Hoekstra	Network Invariance Test: A new way to detect individual heterogeneity
Poster 25	Hassan Mahmoudian	Can network analysis help competency modeling in assessment and development centers?
Poster 26	Ryan McGill	Stability of “g” loadings in EFA: A safeguard against interpretive hubris
Poster 27	Gustavo Hermes Soares	Evaluating the replicability of network models using oral health data
Poster 28	Yelin Gwak	Detection of reverse coding effects using a confirmatory factor analysis
Poster 29	Shirin Rezvanifar	Network structure of fear of COVID-19 in Iranian sample
Poster 30	Emma Somer	Examining structural relationships in multigroup models with small samples

Poster 31	Stephen Sireci	Assessing the Dimensionality of O*NET Cognitive Ability Ratings Across Job Zones
Poster 32	Ellen Fitzsimmons	Computing posterior predictive p-values in Bayesian SEM
Poster 33	Michela Zambelli	Application of the network psychometric framework to measurement burst designs
Poster 34	Fabiola Reiber	Sequential analyses for randomized response techniques
Poster 35	Joost Van Ginkel	A comparison of different measures of the proportion of explained variance in multiply imputed datasets
Poster 36	Jacob Plantz	Differential item functioning in forced-choice response models
Poster 37	Minying Mo	Detection of cross-loadings in CFA, ESEM and BSEM
Poster 38	Luca Bungaro	Designing computer-based assessment: a comparison of linear and adaptive testing
Poster 39	Karl Schweizer	Modeling missing data in factor-analytic investigation of tetrachoric correlations
Poster 40	Theren Williams	Latent structure model with multilevel groups
Poster 41	Hwanggyu Lim	Factors affecting item calibration using adaptively administered test data
Poster 42	Ronald Flores	Pathway parameter sensitivity across sets of DAGs
Poster 43	Yuki Shimizu	Modeling the fluctuation of inattention in responding to questionnaires
Poster 44	Anahí Gutkin	Reaction time multinomial process trees: comparing parametric and non-parametric procedures.
Poster 45	Kentaro Hayashi	On the relationship between coefficient alpha and closeness between factors and principal components for the multi-factor model
Poster 46	Karabi Nandy	The Concise Health Risk Tracking - Self-Report (CHRT-SR) - A measure of suicidal risk: performance in adolescent outpatients
Poster 47	Eunjeong Jeon	Discovering Trends in High School Credit System using Topic Modeling
Poster 48	Alexander Avian	Likelihood ratio test and relative fit indices to evaluate the model fit in typical clinical situations – a simulation study
Poster 49	Ottavia M. Epifania	Pauci sed moni: An Item Response Theory approach for shortening tests
Poster 50	Marko Stijic	Scaling properties of pain intensity ratings in adult populations using the Numeric Rating Scale
Poster 51	Zaheer Ahmed	Robustness study of normality-based likelihood ratio tests for testing maximal interaction two-mode clustering and a permutation based alternative
Poster 52	Jan Netík	Revisiting parametrizations for the Nominal Response Model
Poster 53	Andrea Bazzoli	Construct meaning in 3-level clustered data
Poster 54	Carolina Fellinghauer	Investigating equal construct and equity requirements on score transformation precision in true-score equating for test forms with different targeting: A simulation study
Poster 55	Ting Wang	Natural Language Processing Classifiers Application on Binary Coded Twitter Messages

University of Bologna - Belmeloro Building

First Floor
(Posters: #1-30)

Second Floor
(Posters: #31-55)

