



IMPS 2023
July 25-28 (Short Courses July 24)
University of Maryland
College Park, Maryland, United States



Welcome Poster Session Reception

Tuesday, July 25 • 5:30 p.m. - 7:30 p.m.

(Presenters available at Posters from 6:00 p.m. - 7:30 p.m.)

Location: The Hotel at University of Maryland
Address: 7777 Baltimore Ave, College Park, MD 20740
Room: Salon A & B

Poster 1	Zhenqiu Lu	Comparing Different Correlation Test Methods
Poster 2	Ting Sun	Reliability of assessment of residents' intraoperative performance: Using Generalizability Theory
Poster 3	Hongyu Yang	Estimating IRT Parameters with Machine Learning Approaches: A Comparison with Traditional Maximum Likelihood Methods
Poster 4	Jordan Wheeler	Influence of Topic-Word Matrix Misspecification on Semi-Confirmatory Latent Dirichlet Allocation
Poster 5	Chunhua Cao	Exploring the Effect of Parceling Strategies on Measurement Invariance Testing
Poster 6	Xiuyuan Zhang	Detecting Gender DIF in Mixed-format Assessment
Poster 7	Bo Zhang	Relationship among measurement invariance, differential item functioning and mean comparison
Poster 8	Athul Sudheesh	Testing CDM local independence assumptions using nested model selection criteria
Poster 9	Gamze Kartal	Impacts of Item Discrimination Parameters on the Uniform DIF
Poster 10	Wanjing Ma	Rapid Online Assessment of Reading ability with Computer Adaptive Testing
Poster 11	Selim Havan	Bayesian IRT Estimation by Using Stan and Jags
Poster 12	Xingyao Xiao	Bayesian model evaluation and local identifiability for growth mixture models
Poster 13	Younyoung Choi	Development of a real-time treatment recommendation system for mental disorders using generalized structured component analysis and Bayesian networks
Poster 14	Ni Bei	Potential for Action Sequence Network Characteristics in Predicting Item Performance
Poster 15	Susu Zhang	Consequences of data leakage on reproducibility in machine-learning-based psychometrics
Poster 16	Emma Somer	Evaluating two-step estimation approaches for a multigroup APIM

Poster 17	Wei Wang	Measuring Emotional Intelligence Unobtrusively and Objectively: An Eye-Tracking and Machine Learning Approach
Poster 18	Youngwon Kim	Exploratory measurement modeling with Lasso: The role of measurement quality
Poster 19	Graham Buhman	Utilizing cluster covariates to estimate treatment heterogeneity in multilevel data
Poster 20	Yunhang Yin	The Effect of Model Size on Fit Indices in Ordinal Factor Analysis Models
Poster 21	Liu Liu	Bayesian variance component priors for small-sample multilevel models
Poster 22	Hahyeong Kim	Investigating Pre-knowledge and Speed Effects in an IRTree Modeling Framework
Poster 23	Xiyu Wang	A Systematic Review of Cognitive Diagnosis Modeling Applications: Insights into future applications and Areas for Improvement
Poster 24	Gen Hori	Test analysis method using piecewise linear ICCs
Poster 25	Chi-Yun Deng	Correspondent mappings between psychological network models and latent factor models
Poster 26	Hui-Fang Chen	Empirical comparisons among models in detecting extreme response style (ERS)
Poster 27	Diego Luna Bazaldua	Validity evidence for an ECE classroom observation tool
Poster 28	Ejike Edeh	Prior sensitivity of Bayesian SEM fit indices to model misspecification
Poster 29	Roberto Faleh	Bayesian Generalized Method of Moments approach for estimating Rank Preserving Models: A flexible approach for causal mediation analysis.
Poster 30	Withdrawn	WITHDRAWN
Poster 31	Menghe Xu	Evaluating Math Language Intervention with Non-Parametric Tests
Poster 32	Eunbi Sim	Applying Tree-based Models in social and behavior sciences
Poster 33	Anqi Li	A Hierarchical Prior for Bayesian Variable Selection in Regression Model
Poster 34	Zehua Cui	Meta-Analysis of fMRI Studies related to Mathematical Creativity
Poster 35	Evan Pham	Assessing the Performance of Latent Growth and Mixed-Effect Models for Analyzing Non-Normal Longitudinal Data of Depressive Symptoms in Older Adults
Poster 36	Ji Li	Comparison of FIML and Multiple Imputation in Proportional Odds Model
Poster 37	Minju Hong	Application of Topic Modeling Techniques in Meta-Analysis Studies
Poster 38	Cheng-Hsien Li	Using An Iterative MIMIC-Interaction Modeling for Referent Variable Selection
Poster 39	Hacer Karamese	Detection of Multiple Group Differential Item Functioning for Students with Disabilities Taking an English Language Proficiency Assessment
Poster 40	Dominika Wanat	Using psychometric function in subjective ecologically valid video experiment
Poster 41	Jiaqi Zhang	The Balanced Development of International Education in China: An Empirical Study with USAD China 2022
Poster 42	Jiaqi Zhang	Evaluating the Quality of USAD China 2022: An Empirical Comparison between the CTT and IRT
Poster 43	Zahra Gheidar	Psychometric characteristic of Brief Child Abuse Potential Inventory(BCAPI) among teachers in Iran

Poster 44	Zahra Gheidar	An EQ questionnaire for children 3-7
Poster 45	Reyhaneh Hosseinpourkhoshkbari	Information matrix test misspecification assessment in cognitive diagnostic models
Poster 46	Hsin-Yun Lee	Testing structural equation models with Monte Carlo asymptotic covariance matrices
Poster 47	Hung-Yu Huang	A New Mixture IRT model for Rater-Mediated Assessments
Poster 48	Nai-En Tang	A Comparison of IRT-based Subscore Reporting Methods for an Objective Structured Clinical Examination
Poster 49	Nai-En Tang	Rasch Analysis of the Chiropractic Case Management Risk Scale
Poster 50	Timo Seitz	"What if applicants fake their responses?": Modeling socially desirable responding in an item response theory framework
Poster 51	Yasuhiro Yamamoto	Small sample methods in multilevel analysis
Poster 52	Kjorte Harra	On the performance of horseshoe priors for inducing sparsity in path analysis models
Poster 53	Hau-Hung Yang	Evaluating SEs of parameter estimates in the 2PL model with exact parametric bootstrap
Poster 54	Jianshen Chen	The impact of generating model on preknowledge detection in CAT
Poster 55	Po-Yi Chen	Examining strategies to establish partial invariance models with modification indices for ordinal missing data