

IMPS 2026



Yonsei University – Seoul, Republic of Korea
July 21-24 (Short Courses July 20)

Poster Sessions I & II

Tuesday, July 21 • 5:00 p.m. - 7:00 p.m.

Poster Session I: Presenters will be available at posters from 5:00 p.m. - 5:55 p.m.

Poster Session II: Presenters will be available at posters from 6:05 p.m. - 7:00 p.m.

Location: The Commons Building (Room 132) on the Yonsei University Campus

Address: 50 Yonsei-ro, Seodaemun-gu, Seoul, 03722, South Korea

Poster Session I (5:00 p.m. - 5:55 p.m.)

- Poster 1** **Integrating Critical Perspectives on Race, Measurement, and Methodology**
Brein Mosely, Harvard University, United States
- Poster 2** **Machine Learning Hesitant: W.E.B. Du Bois, Problem Framing and the Politics of Abstraction**
Ngozi Harrison, University of California, Los Angeles, United States
- Poster 3** **Quantifying Similarity Across Automatic Item Generated Parallel Forms**
Emily Ho, Northwestern University, United States
- Poster 4** **Impact of Parameter Type and Multidimensional Structure on the Holistic Fitting Propensity of Dichotomous IRT Models**
Ezgi Aytürk, Koç University, Türkiye
- Poster 5** **Mutual Information-Based Exploratory Graph Analysis for Factor Structure Recovery**
Nagap Park, Yonsei University, Republic of Korea
- Poster 6** **Investigation of Metric Invariance in Structural Equation Model Trees**
Minju Hong, Chung-Ang University, Republic of Korea
- Poster 7** **Automated Item Generation for Parallel Forms Using Multi-Agent Systems**
Seojun Lee, Hallym University, Republic of Korea
- Poster 8** **Beyond MCAR: Conditions Under Which Complete Case Analysis Remains Valid**
Siyi Wang, University of Toronto, Canada

- Poster 9** **Developing a Generative AI Dependence Scale Using LLM Simulations**
Hyunye Song, Yonsei University, Republic of Korea
- Poster 10** **Systematic Review of Q-Matrix Validation Methods for Diagnostic Classification Models**
Ashley Heady, University of Georgia, United States
- Poster 11** **Integrating RMSD into Bayesian Posterior Predictive DIF Detection for ILSAs**
Sean Joo, University of Kansas, United States
- Poster 12** **Reliability-Weighted State-Space RNNs for Knowledge Tracing Under Turn-Varying Label Noise**
Jinnie Shin, University of Florida, United States
- Poster 13** **Addressing Response Process Heterogeneity in CAT: A Monte Carlo Evaluation of the MixDUM Model**
Wei Wang, The CUNY Graduate Center, United States
- Poster 14** **Flexible Standard Error Estimation of Bayesian Generalized Linear Models under Misspecified Variances**
Junjie Ma, University of Toronto, Canada
- Poster 15** **Response-Free Rasch Difficulty Prediction via Option Interaction Modeling**
Jan Netík, Institute of Computer Science, Czech Academy of Sciences; Charles University, Czechia
- Poster 16** **The Role of the Intraclass Correlation Coefficient in Multilevel Analysis**
Yasuhiro Yamamoto, Okayama University, Japan
- Poster 17** **Assessing the Performances of Coordinate Ascent Variational Inference for Dynamic Structural Equation Modeling Parameters Estimation**
Vivato Andriamarana, Tübingen University, Germany
- Poster 18** **A Data-Matrix-Based Overall Goodness-of-Fit Test for Confirmatory Factor Analysis: In-Sample Prediction Error for Observed Variables**
Young Ze Kim, Yonsei University, Republic of Korea
- Poster 19** **A Review of LLM-Based AES Studies Dealing with Non-English Languages**
Hyeongseop Kim, Yonsei University, Republic of Korea
- Poster 20** **Detecting Differences in Latent Means Under Varying Partial Equivalence Conditions**
Cheng-Hsien Li, National Sun Yat-sen University, Taiwan
- Poster 21** **Assessing the Performance of Change-Point LTA for Detecting Structural Shifts**
Hangyu Kim, Kyungpook National University, Republic of Korea
- Poster 22** **Robust Weighted Sequential Detection of Compromised Items in CAT**
Huang Yao-Hsuan, National Taiwan Normal University, Taiwan
- Poster 23** **Using IRT to Test Competing Explanations for Comorbidity in BPD**
Eun Sun Lee, University of South Florida, United States
- Poster 24** **Intervention Simulations for Insomnia Using Bridge Centrality in Networks**
Megumi Kato, Senshu University, Japan

- Poster 25 Modeling and Scoring Conversational Explain-Your-Thinking Items at Scale**
Jing Chen, Khan Academy, United States
- Poster 26 A Permutation-Based Network Invariance Test Using the Network Similarity Metric**
Simran Johal, University of Oregon, United States
- Poster 27 Nested Cross-Validation for Within-Class Structure Selection in GMM**
Heekyung Moon, Korea University, Republic of Korea
- Poster 28 Selective Data Fusion to Augment Randomized Trials with External Data**
Seyda Aydin, University of Tübingen, Germany
- Poster 29 A Latent Dirichlet Allocation Analysis of Knowledge Tracing Research Trends**
Seung-Ri Choo, Ewha Womans University, Republic of Korea
- Poster 30 Evaluating Measurement Invariance with Multiple Covariates in Cognitive Diagnosis Modeling**
Pablo Nájera, Universidad Pontificia Comillas, Spain
- Poster 31 Detecting High Loneliness in University Students using Machine Learning**
Sunyoung Won, National Taiwan University, Taiwan
- Poster 32 Modeling the Time-Varying Effect in Dyadic RSA Data: A Continuous-Time Multilevel Coupled Oscillator Framework**
Yongqi Lang, University of Utah, United States
- Poster 33 Validation of a Within-Subject Factorial Survey for Assessing Implicit Stereotypes**
M. Constanza Ayala, Universidad de Valparaíso, Chile
- Poster 34 Parallel Analysis and Competing Methods in Bifactor Models with Noise**
Zexuan Jiang, University of Illinois Urbana-Champaign, United States
- Poster 35 Causal Inference of Gamification Effects Using Bayesian Network Modeling**
Yeji Jang, Ewha Womans University, Republic of Korea
- Poster 36 Marginal Information Functions for Graded Response Models with Sequential Dependence of Responses**
Daisuke Shimada, Tokyo Metropolitan University, Japan
- Poster 37 Scaling and Estimation of Growth Models with Categorical Indicator Variables**
Kyungmin Lim, Ewha Womans University, Republic of Korea
- Poster 38 Implementing Dynamic Latent Class Structural Equation Models in JAGS**
Sofia Morelli, Tübingen University, Germany
- Poster 39 Effects of Sample Size and Time Points on Innovation Variance in DSEM**
Hye Won Suk, Seoul National University, Republic of Korea
- Poster 40 Estimating Inverse Temperature in Individual Networks Using Dynamic Ising Models**
Takumi Omizu, Senshu University, Japan

- Poster 41** **Bullying as a Behavioural Determinant of Health: Prevalence, Forms, and Associated Factors among Medical Students in Oman**
Maryam Al Wahaibi, Sultan Qaboos University, Oman
- Poster 42** **The Performance of AES by Implementing Strategic Copy-Paste Data Augmentation**
Siwon Kim, Yonsei University, Republic of Korea
- Poster 43** **A Robust Bootstrap-CUSUM Method for Detecting Test Speededness and Pinpointing Changepoints in Computerized Testing**
Jing Lu, Northeast Normal University, China
- Poster 44** **Importance-Weighted Autoencoders for Estimating and Evaluating Multidimensional Graded Response Models: An Application to AI Literacy Scale**
Jie-Wen Tsai, National Central University, Taiwan
- Poster 45** **A Novel Mixture Item Response Theory Model for Guessing Behavior**
Fei Gao, University of California, Merced, China
- Poster 46** **AI-Driven Item Cloning for Psychometric Equivalence, Scalable Form Assembly, and Enhanced Test Security**
Heather Harris, Workday, United States
- Poster 47** **A Parsimonious Form of Moderated Mediation in Psychological Science: Detecting Spurious Effects and Proposing Refinements to Model Specification**
Yiqing Quan, The Hong Kong Polytechnic University, Hong Kong
- Poster 48** **Effects of DIF Items on Routing and θ Estimation in MST**
Jiyeon Kim, Yonsei University, Republic of Korea
- Poster 49** **The Importance of Covariate Control in Nonequivalent Groups Design Studies**
Eungi Jeon, Yonsei University, Republic of Korea
- Poster 50** **The Latent Space Item Response Model as a Network-Based Framework for Centrality Evaluation**
Seungchan Yu, Yonsei University, Republic of Korea
- Poster 51** **Addressing Moderation Effects in Multiple-Group Structural Equation Models with Unbalanced Data: A Comparison of Approaches**
Po-Yi Chen, National Taiwan Normal University, Taiwan
- Poster 52** **Development and Validation of a Context-Specific Generative AI Scoring System for Scenario-Based Teaching Aptitude Assessments: A High-Precision Measurement Approach**
In-Hee Choi, Sookmyung Women's University, Republic of Korea
- Poster 53** **The Impact of DIF on Q-Matrix Refinement in CDM**
Hsiu-Yi Chao, Soochow University, Taiwan
- Poster 54** **Bayesian Multilevel Modeling for Handling Missing Responses and Background Covariates**
Jiwei Zhang, Northeast Normal University, China
- Poster 55** **A Comparative Study of Optimal Cut-Off Indices for Criterion-Referenced Psychological Tests**
Myung In Ahn, Seoul National University, Republic of Korea

- Poster 56** **Reconciling Latent Variables and Networks - Exploring and Extending the Psychometric-Toolbox**
Kevin Kistermann, Tübingen University, Germany
- Poster 57** **Exploring Developmental Trajectory of Multicultural Adolescents with Latent Class Analysis**
Jeong U Kim, Sungshin Women's University, Republic of Korea
- Poster 58** **Power and Sample Size Calculations for the Jonckheere and Page Tests Against Ordered Alternatives in Randomized Complete Block Designs**
Gwown Shieh, National Yang Ming Chiao Tung University, Taiwan
- Poster 59** **Autoregressive Coefficient Estimation Under Model (Mis)Specification in Four Longitudinal SEM Models**
Yoo Ri Hwang, University of California, Davis, United States
- Poster 60** **Breaking the Habit: An Empirical Demonstration of Why Classification May be a Better Alternative to Factor Analysis in Scale Development**
Joanne Joo, Southern Methodist University, United States
- Poster 61** **Measurement Invariance of the CIAS-10 Across Age Groups in Taiwan**
Yi-Ling Lai, National Taiwan University, Taiwan
- Poster 62** **Constraining Extreme Response Styles in Multiscale Partial Credit Models**
Eunbee Kim, Georgia Institute of Technology, United States
- Poster 63** **Non-Normality and Heteroskedasticity in Linear Regression: A Practice-Oriented Summary**
Hanna Rajh-Weber, University of Graz, Austria
- Poster 64** **Detecting AI Cheating in High-Stakes Assessments: A LASSO Logistic Regression Approach**
Timo Seitz, University of Mannheim, Germany
- Poster 65** **Can AI Score Leadership? Applying ChatGPT to Principal Training Assessment and Feedback**
Mingchuan Hsieh, National Academy for Educational Research, Taiwan
- Poster 66** **A Beta-Lognormal Gaussian Copula Model for Visual Analogue Scaling Data**
Tzu-Yang Chao, National Taiwan Normal University, Taiwan
- Poster 67** **How to Leverage AI for Automatic Item Generation for Novel Constructs**
Deborah Laze, York University, Canada
- Poster 68** **Adaptive SEM: A Unified Framework for Dynamic Latent Processes**
Wesam Asaad, Independent Researcher, Switzerland
- Poster 69** **Cheating Detection in Large-Scale Assessment Using a Transformer-Based Tabular Foundation Model: TabPFN**
Hanna Choi, University of Maryland, United States
- Poster 70** **Structural Equation Model of Social Anxiety Amongst US Gamers**
Hannah Park, Independent Researcher, United States
- Poster 71** **Eye-Movements Methodology as Response Processes Validity Evidence**
Susana Sanz, Universidad Pontificia Comillas, Spain

- Poster 72 A Proposal on using Eye Movements in Educational Assessment**
José David Moreno Pérez, Universidad Autónoma de Madrid, Spain
- Poster 73 Detecting Aberrant Respondents in Computer-Based Assessment Using a Lognormal Item Response Theory Model**
Jungkyo Jung, Chungnam National University, Republic of Korea
- Poster 74 (Mis)Modeling Acquiescence Bias in Latent Mediation Models**
Tugay Kaçak, Trakya University, Türkiye
- Poster 75 Implementation Quality Over Quantity: A Moderated Mediation Analysis of How SEL Program Adherence and Dosage Influence Academic Achievement Through Social-Emotional Competencies**
Menghe Xu, Pennsylvania State University, United States
- Poster 76 Correcting Between-Group Mean Differences using a Sum-Score-Based Differential Test Functioning Index**
Yutaro Sakamoto, Recruit Management Solutions Co., Ltd., Japan
- Poster 77 The Item Response Warehouse: What it Is, How to Use It, and Targets for Potential Improvements**
Lijin Zhang, Stanford University, United States
- Poster 78 Determinants of Digital Learning in Taiwan's Primary and Secondary Schools: An Organizational Structure Analysis**
Ming-Hsueh Tsai, National Academy for Educational Research, Taiwan
- Poster 79 Comparing Methods for Causal Mediation with Nominal Mediator**
Soyoung Kim, Chonnam National University, Republic of Korea
- Poster 80 Bayesian Hierarchical Models for Multisite Dynamic Treatment Regimes**
Hangil (Noah) Hong, University of Tsukuba, Japan
- Poster 81 Construction of School-Based SEL Implementation Indicators: A Case Study**
Yu-Chuan Chen, National Taiwan Normal University, Taiwan
- Poster 82 Correcting for Bias in Cluster-Level Effects of Categorical Predictors**
Tsuyoshi Kato, The University of Tokyo, Japan
- Poster 83 Validity Index in Mean Comparisons: Cutoff Values and Confidence Intervals**
Muhan Yang, University of Notre Dame, United States
- Poster 84 Comparing Permutation Methods for Evaluating Multidimensional Scaling Configuration Similarity**
Yonggi Kim, Chungbuk National University, Republic of Korea
- Poster 85 Aggregated Inference for Structural Equation Modeling with Repeated Data Splitting**
Po-Hsien Huang, National Chengchi University, Taiwan
- Poster 86 Group Sequential Methods for Detecting Differential Item Functioning**
Shuhei Hanadate, University of Tsukuba, Japan

- Poster 87 Alignment Method for Reference Indicator Selection in Invariance Testing**
ChiHyeon Noh, Pusan National University, Republic of Korea
- Poster 88 From Suspicion to Evidence: A Multi-Index Psychometric Approach to Detecting Exam Collusion**
Muhammad Naveed Khalid, Royal College of Emergency Medicine, United Kingdom
- Poster 89 Finite-Sample Evaluation of Computerized Adaptive Testing**
Hau-Hung Yang, National Taiwan University, Taiwan
- Poster 90 Familiarity and Liking in Classroom Networks: A Multilayer Analysis of Rated Peer Relations**
Chih-Han Leng, National Tsing Hua University, Taiwan
- Poster 91 Acculturative Stress Change and Covariate DIF: a Bayesian MNLFA Approach**
Changhyeon Lee, Ajou University, Republic of Korea
- Poster 92 Applying Diagnostic Classification Models to an English Language Proficiency Assessment**
Kayla Teng, University of California, Los Angeles, United States
- Poster 93 Predicting Mathematics Achievement using Process Data Structured by Item Characteristics**
Yejin Woo, Ewha Womans University, Republic of Korea
- Poster 94 The Moderating Role of Money Attitudes in the Relationship Between Personality Traits and Early Pension Withdrawal**
Paul Nixon, Momentum Investments, South Africa
- Poster 95 Design Considerations in Computerized Adaptive Classification Testing (CACT): Decision Rules, Cut Score Structures, and Item Selection Methods**
Somi Kim, Sejong University, Republic of Korea
- Poster 96 Clustering Under Regime Switching: A Monte Carlo Evaluation of Four Methods for Intensive Longitudinal Data**
Theo Meyer, University of Oklahoma, United States



Poster Session II (6:05 p.m. - 7:00 p.m.)

- Poster 1** **Relationships among Polytomous IRT Models: Focusing on the Reparameterized NRM**
Hyeon Park, Hallym University, Republic of Korea
- Poster 2** **Integrating Anchor Selection Strategies with Dual-Scale Purification for DIF Detection**
Ya-Hui Su, National Chung Cheng University, Taiwan
- Poster 3** **A Generalized Latent Class Model for Zero-Inflated Overdispersed Counts**
JeongJae Seo, Kyungpook National University, Republic of Korea
- Poster 4** **SNMMs with Functional Covariates for Longitudinal Causal Inference**
Yuhao Wang, The University of Osaka, China
- Poster 5** **Asymptotic Robustness of DINA Under Q-Matrix Misspecification**
Yen-Ting Chen, National Sun Yat-sen University, Taiwan
- Poster 6** **One Process, Different Clock: a Continuous-Time View on Sampling Frequencies**
Nilufer Goktas, University of Southern California, United States
- Poster 7** **Application of Item Response Theory to Evaluate Developmental Measurement Coverage of Executive Function Tasks in Early Childhood**
Akie Yada, University of Jyväskylä, Finland
- Poster 8** **Predicting Dropout: Should Time be Considered Continuous or Discrete?**
Hyungjun Park, National University of Singapore, Singapore
- Poster 9** **Verification of Practical Utility of the Attachment Support Evaluation Scale (ASES)**
Yoko Tanaka, Kio University, Japan
- Poster 10** **Why $ab + c'$ is not c : Addressing the Effect Conservation Anomalies in Mediation Analysis**
Chi Kit Jacky Ng, The Hong Kong Polytechnic University, Hong Kong
- Poster 11** **Model-Based ORF Scores with Negative-Binomial Factor Model**
Paul Foster, Southern Methodist University, United States
- Poster 12** **A Simulation-Based Comparison Between Estimated Latent Scores and Sum Scores**
Tonatiuh Xochihua Tlecuitl, University of California, Los Angeles, United States
- Poster 13** **Examining Task-Bundle Heterogeneity in Treatment Effects using Explanatory Item Response Modeling**
Yukie Toyama, University of California, Berkeley, United States
- Poster 14** **Semi-Amortized Variational Inference for Highdimensional Item Response Theory**
Zhe Li, University of Florida, United States
- Poster 15** **Estimating Covariate Effects in Nonparametric Multilevel Latent Profile Analysis Accounting for Joint Level-1 and Level-2 Classification Error Probabilities**
Myoungsung Lee, Korea University, Republic of Korea

- Poster 16** **The Impact of Weight Inclusion in Multiple Imputation on Hazard Ratio Estimation for Complex Survey Survival Data**
Jinhee Bae, Korea University, Republic of Korea
- Poster 17** **Nested Cross-Validation for Model Selection in Structural Equation Modeling**
Yoonsik Chae, Korea University, Republic of Korea
- Poster 18** **Redefining University Diversity: A Hierarchical Clustering Analysis of Higher Education Institutions in Taiwan**
Hsiuhsi Liu, National Academy for Educational Research, Taiwan
- Poster 19** **Using Diagnostic Classification Models to Address Sparse Response Data in Likert-Scale Surveys**
Ying Jin, James Madison University, United States
- Poster 20** **Combined Impact of Missing Data and Model Misspecification in GMM**
Youngin Lee, Seoul National University, Republic of Korea
- Poster 21** **Handling Missing not at Random in Cross-Lagged Panel Models**
Kazuki Hori, Prefectural University of Kumamoto, Japan
- Poster 22** **Developing Abbreviated Form of DTVP Across Preschool and School-Age Samples**
Tian Jiang, The Hong Kong Polytechnic University, Hong Kong
- Poster 23** **Hub-Aware EIG in Graph-Structured Bayesian MIRT Diagnostics**
Donghun Kang, Socra AI, Republic of Korea
- Poster 24** **Recovering Missing Observations in Intensive Longitudinal Data using FPCA**
Seung Bin Cho, Pusan National University, Republic of Korea
- Poster 25** **Correcting Publication Bias in Network Meta-Analysis: Extending Right-Truncated Meta-Analysis to the Network Setting**
HyeWon Kim, Korea University, Republic of Korea
- Poster 26** **Type I Error Control and Power of the t-Test and the Wilcoxon-Mann-Whitney Test Across Skewness, Heteroscedasticity, and Sample Size Configurations**
Minsun Cho, Yonsei University, Republic of Korea
- Poster 27** **The Real Student's Score Discrepancies Considering External and Training Effects**
Fathima Jaffari, Education and Training Evaluation Commission, Saudi Arabia
- Poster 28** **Evaluating the Ordinal Sensitivity of Ecological Indices: Reflective Versus Formative Weighting**
Zonggui Li, University of Maryland School of Pharmacy, United States
- Poster 29** **The Effects of Differential Item Functioning on Classification Accuracy in Computerized Classification Testing**
Shan Yu Lin, National Sun Yat-sen University, Taiwan
- Poster 30** **Process-Based Validation of Cognitive Diagnostic Attributes using Eye-Tracking Data**
ChunXi Zhang, National Taiwan Normal University, Taiwan

- Poster 31** **Estimating Models with Low and No Variability Data in EMA: A Data Augmentation Approach**
Sarah Pirani, University of North Carolina at Chapel Hill, United States
- Poster 32** **The Evolution of the Hierarchical Framework for Modelling Speed and Accuracy on Test Items**
Irina Tkachenko, Tilburg University, Netherlands
- Poster 33** **Latent Structure of STEM Advocacy Competence: A Structural Equation Modeling Approach**
Shujin Zhong, University of North Florida, United States
- Poster 34** **Multilevel Mixture Causal Mediation Analysis: Theoretical Identification and Empirical Simulation**
Dohyeon Lee, Kyungpook National University, Republic of Korea
- Poster 35** **Dimension Selection for Conditional Dependence Analysis in the Latent Space Item Response Model**
Oreum Hyun, Yonsei University, Republic of Korea
- Poster 36** **Evaluating Machine Learning as a Proxy for Human Scoring of Multiple-Source Argumentative Essays**
Yuting Sun, University of North Florida, United States
- Poster 37** **Factored Regression Approach for Structural Equation Models with Non-Normal Continuous Data**
Jiwon Kim, Northwestern University, United States
- Poster 38** **A Monte Carlo Evaluation of Causal Estimators under Functional Uncertainty**
Eunjeong Song, Korea University, Republic of Korea
- Poster 39** **Using Person-Specific DSEM Parameters as Mediators of Intra-Individual Change with Random-Intercepts Vector Autoregressive (RIVAR) Mediation**
Cody Campen, Pennsylvania State University, United States
- Poster 40** **An Exploration of r-Squared Effect Size Measures in Mediation**
Alexander Miles, University of South Carolina, United States
- Poster 41** **Applying Multidimensional Item Response Theory to the CESD-8 Depression Scale in the United Kingdom**
Zhi Jie Lee, The Ohio State University, United States
- Poster 42** **Bayesian Monotone Inference for Restricted Latent Class Models**
Haotian Ju, University of Illinois Urbana-Champaign, United States
- Poster 43** **Multiple Approaches for Exploratory Factor Analysis in Multilevel Construct**
Mirim Kim, Sungshin Women's University, Republic of Korea
- Poster 44** **Application of Intersectional Routing in PISA 2022**
SooHyun Park, Ewha Womans University, Republic of Korea
- Poster 45** **Longitudinal Measurement Invariance in a Likert Burnout Scale**
Soonbo Kwon, Korea National University of Education, South Republic of Korea Korea
- Poster 46** **MetaBART: Semiparametric Bayesian Sum-of-Trees Method in Meta-Analysis**
Saeyan Yun, Florida State University, United States

- Poster 47 Undergraduate Dropout Prediction: A Machine Learning Approach in NTU**
Yi Hsuan Tseng, National Taiwan University, Taiwan
- Poster 48 Predicting Undergraduate Academic Performance Using Social and Psychological Variables: A Machine Learning Approach**
Kaiping Yao, National Taiwan University, Taiwan
- Poster 49 Data Generation Mechanisms for Modeling Explicit Selection and Sample Selection Bias**
Laura Jamison, Naval Research Laboratory, United States
- Poster 50 Comparing Response Time Methods Within Biclustering Framework in Detecting Preknowledge**
Shih Peng, Chuang University of Illinois Urbana-Champaign, United States
- Poster 51 AIG with Schema-Guided IPEM in Korean Essay Assessment**
DongHyun Ko, Yonsei University, Republic of Korea
- Poster 52 Multidimensional Mindfulness Scale for Upper-Elementary Students in South Korea**
Soyeon Shin, Yonsei University, Republic of Korea
- Poster 53 Job Adjustment Mediation in Childcare Aptitude: A Longitudinal Study**
Jieye Lee, Ajou University, Republic of Korea
- Poster 54 School Engagement and Jingle and Jangle Fallacies: Organizing Scientific Findings**
Catalina Miranda Riquelme, Pontificia Universidad Católica de Chile; KU Leuven, Chile
- Poster 55 Context-Sensitive Item Variance in Adaptive Learning: a GAMM Approach**
Jung Yeon Park, George Mason University, United States
- Poster 56 A Comparative Study of an IRT Residual-Based Framework for Detecting Item Parameter Drift in CAT**
Bomin Chung, Inha University, Republic of Korea
- Poster 57 Mapping Peer Networks to Academic Performance Trajectories in a Flipped Statistics Classroom**
Jamie Trost, Brown University, United States
- Poster 58 Accuracy of Cutpoint Selection in Rasch Tree: A Simulation Study**
Yejin Kim, Seoul National University, Republic of Korea
- Poster 59 Comparing Response Processes in Select-all-that-Apply and Select-n Items**
Sayaka Arai, National Center for University Entrance Examinations, Japan
- Poster 60 On Neural Estimation of the Two-Parameter Logistic Model**
Yanyan Sheng, The University of Chicago, United States
- Poster 61 Factor Structure of the Parentification Inventory**
Jun Kyung Kim, Baylor University, United States
- Poster 62 Predicting Student Achievement in Mathematics and Science Using Mixed Effects Random Forest and SHAP Analysis**
Yoonchae Jeong, Chungnam National University, Republic of Korea

- Poster 63 Bayesian Network Prediction of Functional Status in Older Adults**
Seyoung Lim, Ajou University, Republic of Korea
- Poster 64 Adolescent Cooperation Trajectories: Concurrent and Lagged Effects**
Suin Noh, Chungnam National University, Republic of Korea
- Poster 65 Before Work Begins: Developing and Validating the Work Rituals Scale**
Tzu-Ting Lin, National Chengchi University, Taiwan
- Poster 66 Modeling Dyadic Interdependence and Conditional Transmission Within Family Systems**
Minseo Lee, Sungshin Women's University, Republic of Korea
- Poster 67 A Multilevel Generalized Linear Modeling (MGLM) Analysis of Linguistic Complexity and Cognitive Load in Mathematics Assessment: Focusing on Response Time Log Data from PISA 2022**
Jeongin Cha, Gyeongsang National University, Republic of Korea
- Poster 68 Comparison of Overall and Level-Specific Fit in MSEM**
Eunseo Pak, Korea University, Republic of Korea
- Poster 69 Estimating Item Difficulty with Large Language Models**
Jiahui Zhang, Beijing Normal University, China
- Poster 70 Hierarchical Models of Speed and Accuracy as Construct Validity Evidence**
Walton Ferguson, University of Notre Dame, United States
- Poster 71 A Geometric Evaluation of Construct Alignment in Automated Essay Scoring**
JeeHun Sung, MooWee-Lab, Republic of Korea
- Poster 72 Validating Test Blueprints in Operational IRT**
Ashley Heady, University of Georgia, United States
- Poster 73 A Unified Theory of Validity for AI-Mediated Assessment**
Tanesia Beverly, Independent Researcher, United States
- Poster 74 Bursti-CTVAR: A Bayesian Multilevel Continuous-Time VAR Model for Measurement Burst Designs**
Xiaoyue Xiong, The Pennsylvania State University, United States
- Poster 75 Latent Variables in Causal Inference**
Nanxi Dong, University of Maryland, College Park, United States
- Poster 76 The SGM Advocacy Competence Scale: Scale Development and SEM Validation Grounded in Identity Behavior Theory**
Jack Simons, Mercy University, United States
- Poster 77 Bias Reduction in Dynamic Factor Models for Short Time Series**
Yuanpeng Hu, University of Notre Dame, United States
- Poster 78 Reconciling Theory and Practice in Reflective Measurement: Decomposing Loading-Dependent Bias and Restoring Structured Misfit**
Miguel Bosch Francisco, Universidad Autónoma de Madrid, Spain

Poster 79 **Protective Family Functioning in Intergenerational Depression Networks**

Min Liu, Baylor University, United States

Poster 80 **Measurement and Structural Moderation Effects in Growth Models: A Bayesian Moderated Nonlinear Factor Analysis Approach**

Suyoung Kim, Gachon University, Republic of Korea

Poster 81 **Frequently Asked Questions About Label Switching**

Yanjia Geng, University of California, Merced, United States

Poster 82 **An Application of MFRM to Rater Effects of BERT-Based AES**

Junsik Sim, Yonsei University, Republic of Korea

Poster 83 **From Evaluation to Ethical Accountability: Digital School Performance Evaluation and Teacher Well-Being in Saudi Arabia**

Azzah Alsubaie, ETEC, Saudi Arabia

