# Structural Equation Modeling: A Multidisciplinary Journal

Volume 32 Numbers 3-4 2025

### CONTENTS

#### Issue 3

### **Research Articles**

- 365 The Impact of Non-Normality on Causal Effect Estimates in Structural Equation Models with Ordered Categorical Variables Benedikt Luquuer and Jana Holtmann
- Unsupervised Model Construction in Continuous-Time

  Jonathan J. Park, Zachary F. Fisher, Michael D. Hunter, Chad Shenk, Michael Russell, Peter C. M. Molenaar, and Sy-Miin Chow
- 400 Latent Growth Model with Categorical Indicators: Comparison of the Different Estimators

  Jiwon Kim and Tiffany A. Whittaker
- 415 On Selecting Indicators for SEM Models: Trade-Offs Among Variable Type, Quantity, and Quality Keke Lai
- 437 Regularized Variational Approximation for Partially Confirmatory Factor Analysis Yi Jin and Jinsong Chen
- 450 Detrending for Intensive Longitudinal Dyadic Data Analysis Using DSEM Yue Xiao and Hongyun Liu
- Latent Variable Interactions with Categorical Indicators: Continuous and Categorical Latent Moderated Structural Equations Approaches

  Zhiyuan Shen, Lihan Chen, Emma Somer, Milica Miočević, and Carl F. Falk
- Parameterizing the LISREL Model as a Correlation Structure Model for More Efficient Parameter Estimates and More Powerful Statistical Tests

  Ke-Hai Yuan and Zhiyona Zhang
- Bivariate Latent Change Score Models in Small Sample Contexts: Comparison of Maximum Likelihood and Bayesian Estimation

  Jinying Ouyang, Zhehan Jiang, Dexin Shi, Junhao Pan, and Shucheng Pan
- Measurement Model Misspecification in Dynamic Structural Equation Models: Power, Reliability, and Other Considerations Hyungeun Oh, Michael D. Hunter, and Sy-Miin Chow

## Teacher's Corner

- 529 Fitting Single- and Multiple-Indicator STARTS Models as Dynamic Structural Equation Models Steffen Nestler, Alexander Robitzsch, and Oliver Lüdtke
- 541 Linear Logistic Scoring Equations for Latent Class and Latent Profile Models: A Simple Method for Classifying New Cases Jeroen K. Vermunt and Jay Magidson
- Latent Variable Modeling of Social Networks with Directional Relations: An Exploration of Profile Similarity of Latent Factors

  Haiyan Liu and Ren Liu

### issue 4

### **Research Articles**

- Two-Wave Models for Latent Changes: How Well Can They Recover the Parameters of the Three-Wave Growth Curve Model? Chenguang Du, Kazuki Hori, and Yasuo Miyazaki
- 579 On the Benefit of Robust Bayesian Confirmatory Factor Analysis
  Radislav Vaisman, Mitchell Scovell, Nikolai Kinaev, and Javier Fernandez
- 590 Less Heuristic Approximate Local Fit Evaluation in Structural Equation Models Daniel McNeish
- 606 Non-normal GMM with Covariates: A Modified 3-Step Analysis Mina-Chi Tsena
- 618 Parameter Recovery for Misspecified Latent Mediation Models in the Bayesian Framework Haiyan Liu, Ihnwhi Heo, Sarah Depaoli, and Aleksandr Ivanov

- 638 f<sub>MACS</sub>. Generalizing d<sub>MACS</sub> Effect Size for MeasurementiNoninvariance with Multiple Groups, and Multiple Grouping Variables Mark H. C. Lai, Yichi Zhang, Meltem Ozcan, Winnie Wing, Yee Tse, and Alexander Miles
- 647 From Seinfeld to Statistics: On the Dangers of Double Dipping with Bayesian Inference Timothy R. Konold, Elizabeth A. Sanders, and Kelvin Afolabi
- 657 Latent Interaction Modeling with Ordinal Items: Evaluating Alternative Analytic Methods and Parceling Strategies

  Tu Liu and Qian Zhang
- 678 Two-Step Multilevel Latent Class Analysis in the Presence of Measurement Non-Equivalence Johan Lyrvall, Jouni Kuha, and Jennifer Oser

### Teacher's Corner

- 688 Methodological Advances with Penalized Structural Equation Models Tihomir Asparouhov and Bengt Muthén
- 717 modsem: An R Package for Estimating Latent Interactions and Quadratic Effects Kiell S. Slupphaug, Mehmet Mehmetoglu, and Matthias Mittner
- 730 Teaching the Mechanics of Factor Analysis Using Excel Spreadsheets Michael Brusco, Douglas Steinley, and Ashley L. Watts

AM with Coverience