

Sooyong Lee

PHD

Educational Psychology, The University of Texas at Austin

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Professional Summary

This is a good opportunity to introduce yourself professionally and summarise why your skills are well suited to the job you are applying for!

Education

The University of Texas at Austin

PH.D.

- Major in Quantitative Methods

Austin, Texas

2017-Present

Korea University

M.A.

- Major in Educational Statistics and Measurement

Seoul, Republic of Korea

2014-2017

Research experience

CGS PhD Career Pathways project

Graduate Research Assistant

2018/9-2019/5

- Data analysis for surveys to collect data on the career pathways of past and present STEM and humanities PhD students.

President's Award for Global Learning (PAGL)

Graduate Research Assistant

PRESIDENT'S AWARD FOR GLOBAL LEARNING (PAGL)

2019/1-2019/8

- Designing a culturally appropriate mobile application to increase mental health literacy and self-care habits among South Korean young adults

COE Full-Time Tenured and Tenure-Track Faculty

Graduate Research Assistant

2019/9-2019/12

- Data analysis for surveys of graduate programs of education at the University of Texas at Austin

MAAT package development project

Graduate Research Assistant

NORTHWEST EVALUATION ASSOCIATION (NWEA)

2019/9-2020/5

- Development of MAAT package for Computerized Adaptive Testing for Northwest Evaluation Association (NWEA)

FLPS project

Graduate Research Assistant

IES GRANT

2021/9-Present

- Development of FLPS package for Fully-latent Principal Stratification

Embedded Standard Setting (ESS)

Intern

CREATIVE MEASUREMENT SOLUTIONS LLC

2020/6-2020/8

- Internship for developing Shiny app for Embedded Standard Setting

Embedded Standard Setting (ESS)

Intern

CREATIVE MEASUREMENT SOLUTIONS LLC

2021/6-2020/8

- Internship for developing ESS package for Embedded Standard Setting

Teaching experience

Structural Equation Modeling

Teaching Assistant

PROFESSOR TIFFANY WHITTAKER

2020/1-2020/5

Structural Equation Modeling

Teaching Assistant

PROFESSOR TIFFANY WHITTAKER

2021/1-2021/5

Publications

2021

Cory L. Cobb, Charles R. Martínez, Jr., **Sooyong Lee**, Tae Kyoung Lee, & Elma I. Lorenzo-Blanco, (2021). Acculturation trajectories differ by youth age at arrival and time in residency among Latino immigrant families in a US emerging immigrant context. *International Journal of Intercultural Relations*, 81, 79-93, DOI: 10.1016/j.ijintrel.2021.01.005.

2022

Sooyong Lee & Tiffany A. Whittaker, (2022). Comparison of Three Approaches to Class Enumeration in Growth Mixture Modeling when Time Structures are Variant Across Latent Classes. *Structural Equation Modeling: A Multidisciplinary Journal*, 29, 23-35, DOI: %5B10.1080/10705511.2021.1956320](10.1080/10705511.2021.1956320)

Seung Choi, Sangdon Lim, Luping Niu, **Sooyong Lee**, Christina M. Schneider, Jay Lee, & Garron J. (2022). maat: An R Package for Multiple Administrations Adaptive Testing. *Applied Psychological Measurement*, 46-1, 73-74, DOI: %5B10.1177/01466216211049212](10.1177/01466216211049212).

Sooyong Lee, Suhwa Han, & Seung W. Choi (2022). DIF Detection With Zero-Inflation Under the Factor Mixture Modeling Framework. *Educational and Psychological Measurement*, 82-4, 678-704, DOI: %5B10.1177/00131644211028995](10.1177/00131644211028995).

Sooyong Lee & Tiffany A. Whittaker (2022). Parallel Process Latent Growth Modeling with Multivariate Confounders/Suppressors. *Structural Equation Modeling: A Multidisciplinary Journal*, DOI: %5B10.1080/10705511.2022.2133774](10.1080/10705511.2022.2133774).

Sooyong Lee, Kahyun Lee, & Tiffany A. Whittaker (2022). Application of Associative Discrete-Time Survival Analysis Using Latent Transition Specification. *Structural Equation Modeling: A Multidisciplinary Journal*, DOI: 10.1080/10705511.2022.2138892

2023

Sooyong Lee, Adam Sales, Hyeon-Ah Kang, & Tiffany A. Whittaker (2023). Fully-Latent Principal Stratification. *The Annual Meeting of the Psychometric Society* (in print)

Sooyong Lee, Suhwa Han, & Seung Choi (2023). Bayesian MIMIC. *Educational and Psychological Measurement* (in review)

Tiffany A. Whittaker, & **Sooyong Lee** (2023). Bayesian MIMIC. *Educational and Psychological Measurement* (in review)

Sooyong Lee, Adam Sales, Hyeon-Ah Kang, & Tiffany A. Whittaker (2023). Comparison in Small Sample sizes Fully-Latent Principal Stratification. (in progress)

Sooyong Lee, Adam Sales, Hyeon-Ah Kang, & Tiffany A. Whittaker (2023). Multidimensional FLPS. (in progress)

Program

GRshiny: Graded response model

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- <https://sooyonglee.shinyapps.io/GRShiny/>

Shiny application

2022

Embeded Standard Setting

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- https://sooyonglee.shinyapps.io/ESS_test/

Shiny application

2021

maat package

SEUNG CHOI; SANGDON LIM; LUPING NIU; SOOYONG LEE; CHRISTINA M. SCHNEIDER; JAY LEE; GARRON J.

- <https://cran.r-project.org/web/packages/maat/index.html>

R package

2022

FLPS package

SOOYONG LEE; ADAM SALES; HYEON-AH KANG; TIFFANY A. WHITTAKER

R package

2022

clavaan package

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R package

2023

Presentation

Kejin Lee; Sooyong Lee; Youngri Lee

AN ALTERNATIVE APPROACH TO DISCRETE-TIME SURVIVAL ANALYSIS FOR MEANINGFUL INTERPRETATION

- Modern Modeling Methods conference

The University of Connecticut

2018-05-01

Sooyong Lee; Sehee Hong

EXPLORATION OF LCA CONDITIONS IN LATENT CLASS WITH LOW PROPORTION

- International Meeting of the Psychometric Society

Columbia University, New York, USA

2018-07-01

Sooyong Lee; Suhwa Han

ITEM SELECTION AND TRAIT ESTIMATION METHODS IN CAT WITH ITEM LEAKAGE

- International Meeting of the Psychometric Society

the University of Maryland

2020-07-01

Sooyong Lee; Tiffany A. Whittaker

COMPARISON OF THREE APPROACHES TO CLASS ENUMERATION IN GROWTH MIXTURE MODELING WHEN TIME STRUCTURES ARE

VARIANT ACROSS LATENT CLASSES

- American Educational Research Association

Online

2020-04-01

Sooyong Lee; Suhwa Han; Seung W. Choi

DIF DETECTION WITH ZERO-INFLATION UNDER THE MIXTURE MODELING FRAMEWORK

- American Educational Research Association

Online

2021-04-01

Fellowship & Awards

William Hays Endowed Fellowship*Fellowship*

2020-21

Benjamin & Dorothy Fruchter Excellence Award*Award*

2021-22