

# Ihnwhi Heo

Psychological Methodologist and Statistician with enthusiasm for Bayesian Inference

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EDUCATION	<b>University of California, Merced, USA</b>	May 2026 (Expected)
	Ph.D. Student in <a href="#">Quantitative Methods, Measurement, and Statistics</a> Advisors: Dr. <a href="#">Sarah Depaoli</a> and Dr. <a href="#">Fan Jia</a>	
	<b>Utrecht University, The Netherlands</b> M.Sc. in <a href="#">Methodology and Statistics</a> , <i>Cum Laude</i> Thesis: "All models are uncertain, but averaging is useful: Bayesian multi-model inference in structural equation models with bridge sampling" Advisor: Prof. Dr. <a href="#">Eric-Jan Wagenmakers</a> (University of Amsterdam)	July 2021
	<b>Sungkyunkwan University, South Korea</b> B.A. in Psychology, <i>Highest Honors</i>	August 2019
HONORS AND AWARDS	<b>Graduate Student Opportunity Program Fellowship</b> Competitive university-wide fellowship of \$46,271 for conducting research Graduate Dean, University of California, Merced	2022-2023
	<b>William R. Shadish Award for Leadership and Service</b> Department of Psychological Sciences, University of California, Merced	2022
	<b>Summer Research Award</b> Department of Psychological Sciences, University of California, Merced	2022
	<b>Professional Development Award</b> Department of Psychological Sciences, University of California, Merced	2021
	<b>Utrecht Excellence Scholarship</b> President of Utrecht University	2019, 2020
	<b>Scholarship for the GESIS Summer School in Survey Methodology</b> European Survey Research Association	2020
	<b>Presidential Award for Best Scholarly Achievement</b> President of Sungkyunkwan University	2019
	<b>Best Undergraduate Research Project Award</b> Department of Psychology, Sungkyunkwan University	2018
	<b>Scholarship for Students with Research Potential</b> Department of Psychology, Sungkyunkwan University	2018
	<b>Academic Achievement Scholarship</b> Student Affairs Division, Sungkyunkwan University	2018
	<b>Academic Excellence Scholarship</b> Department of Psychology, Sungkyunkwan University	2016, 2017, 2018
	<b>Academic Excellence Scholarship</b> University College, Sungkyunkwan University	2016

- PEER-REVIEWED ARTICLES **Heo, I.**, Jia, F., & Depaoli, S. (in press). Review of *Longitudinal Structural Equation Modeling with Mplus: A Latent State-Trait Perspective*. *Psychometrika*.
- Depaoli, S., Jia, F., & **Heo, I.** (2022). Detecting model misspecification in Bayesian piecewise growth models. *Structural Equation Modeling: A Multidisciplinary Journal*. Advance online publication. <https://doi.org/10.1080/10705511.2022.2144865>
- Liu, R., **Heo, I.**, Liu, H., Shi, D., & Jiang, Z. (2023). Applying negative binomial distribution in diagnostic classification models for analyzing count data. *Applied Psychological Measurement*, 47(1), 64-75. <https://www.doi.org/10.1177/01466216221124604>
- TUTORIALS Koch, M., **Heo, I.**, & van Kesteren, E. J. (2022). Latent growth curve modeling (LGCM) in JASP. *JASP - A Fresh Way to Do Statistics*. <https://jasp-stats.org/2022/02/22/latent-growth-curve-modeling-lgcm-in-jasp/>
- Koch, M., **Heo, I.**, & van Kesteren, E. J. (2022). Multiple indicators multiple causes (MIMIC) model in JASP. *JASP - A Fresh Way to Do Statistics*. <https://jasp-stats.org/2022/02/01/multiple-indicators-multiple-causes-mimic-model-in-jasp/>
- Heo, I.**, & van de Schoot, R. (2020). Tutorial: Advanced Bayesian regression in jamovi. *Zenodo*. <https://doi.org/10.5281/zenodo.4117883>
- Heo, I.**, & van de Schoot, R. (2020). Tutorial: jamovi for Bayesian analyses with default priors. *Zenodo*. <https://doi.org/10.5281/zenodo.4117881>
- Heo, I.**, & van de Schoot, R. (2020). Tutorial: jamovi for beginners. *Zenodo*. <https://doi.org/10.5281/zenodo.4008372>
- Heo, I.**, & van de Schoot, R. (2020). Tutorial: WAMBS Checklist in JASP (using JAGS). *Zenodo*. <https://doi.org/10.5281/zenodo.4001365>
- Heo, I.**, & van de Schoot, R. (2020). Tutorial: JASP for Bayesian analyses with informative priors (using JAGS). *Zenodo*. <https://doi.org/10.5281/zenodo.4032756>
- Heo, I.**, & van de Schoot, R. (2020). Tutorial: Advanced Bayesian regression in JASP. *Zenodo*. <https://doi.org/10.5281/zenodo.3991325>
- Heo, I.**, Veen, D., & van de Schoot, R. (2020). Tutorial: JASP for Bayesian analyses with default priors. *Zenodo*. <https://doi.org/10.5281/zenodo.4008338>
- Heo, I.**, Veen, D., & van de Schoot, R. (2020). Tutorial: JASP for beginners. *Zenodo*. <https://doi.org/10.5281/zenodo.4008279>
- Heo, I.**, Veen, D., & van de Schoot, R. (2020). Tutorial: R for beginners. *Zenodo*. <https://doi.org/10.5281/zenodo.3963824>
- CONFERENCE PRESENTATIONS **Heo, I.**, Jia, F., & Depaoli, S. (2023, March 15-17). *On evaluating the performance of model fit and selection indices for Bayesian piecewise growth modeling: The effect of model misspecification and missing data* [Paper presentation]. Structural Equation Modeling Working Group Conference, Bielefeld, Germany.
- Heo, I.**, Jia, F., & Depaoli, S. (2022, May 26-29). *Bayesian model fit and selection indices for detecting misspecification: The case of Bayesian piecewise growth modeling* [Poster presentation]. 34th Annual Convention of the Association for Psychological Science, Chicago, IL, USA.
- Liu, R., **Heo, I.**, Liu, H., Shi, D., & Jiang, Z. (2022, April 21-26). *Diagnostic classification models for analyzing examinees' responses to a large number of small and similar tasks* [Paper presentation]. 106th Annual Meeting of the American Educational Research Association, San Diego, CA, USA.

INSTITUTIONAL PRESENTATIONS	<b>Heo, I.</b> (2022, April 29). <i>The impact of model misspecification and missing data on Bayesian piecewise growth modeling</i> . Annual Research Talk, Department of Psychological Sciences, University of California, Merced, Merced, CA, USA.	
	<b>Heo, I.</b> (2021, October 27). <i>Bayesian multi-model inference in structural equation models with bridge sampling</i> . Quantitative Methods, Measurement, and Statistics Brownbag Series, Department of Psychological Sciences, University of California, Merced, Merced, CA, USA.	
	<b>Heo, I.</b> (2018, November 9). <i>The paradox in goal pursuit: Preference reversal when means justifies ends</i> . Annual Research Presentation, Department of Psychology, Sungkyunkwan University, Seoul, South Korea.	
TEACHING EXPERIENCE	<b>Trainee Teacher</b> , Principles of Pedagogy	Fall 2022
	Teaching Commons, University of California, Merced	
	<b>Lab Instructor</b> , Analysis of Psychological Data	Fall 2021, Spring 2022
	Department of Psychological Sciences, University of California, Merced	
	<b>Lab Assistant</b> , Advanced Course on Using <i>Mplus</i>	Summer 2021
	Department of Methodology and Statistics, Utrecht University	
	<b>Lab Assistant</b> , Introduction to Structural Equation Modeling Using <i>Mplus</i>	Summer 2021
	Department of Methodology and Statistics, Utrecht University	
	<b>Workgroup Instructor</b> , Advanced Research Methods and Statistics for Psychology	Spring 2020
	Department of Methodology and Statistics, Utrecht University	
	<b>Teaching Assistant</b> , Social Marketing	Fall 2018
	SKK Graduate School of Business, Sungkyunkwan University	
SERVICE ACTIVITIES	<b>Psi Chi Graduate Panel - Quantitative Area</b>	2021
	Department of Psychological Sciences, University of California, Merced	
PROFESSIONAL AFFILIATIONS	Open Science Community Utrecht	
	Association for Psychological Science	
	Interuniversity Graduate School of Psychometrics and Sociometrics	