

Ihnwhi Heo

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<https://ihnwhiheo.github.io>

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| EDUCATION | University of California, Merced, USA | May 2026 |
| | Ph.D. Student in Quantitative Methods, Measurement, and Statistics | (Expected) |
| | Advisors: Dr. Sarah Depaoli and Dr. Fan Jia | |
| | Utrecht University, The Netherlands | July 2021 |
| | M.Sc. in Methodology and Statistics , <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. Eric-Jan Wagenmakers (University of Amsterdam) | |
| | Sungkyunkwan University, South Korea | August 2019 |
| | B.A. in Psychology, <i>Highest Honors</i> | |
| HONORS AND AWARDS | Graduate Student Opportunity Program Fellowship | 2022-2023 |
| | Competitive university-wide fellowship of \$46,271 for conducting research | |
| | Graduate Dean, University of California, Merced | |
| | William R. Shadish Award for Leadership and Service | 2022 |
| | Department of Psychological Sciences, University of California, Merced | |
| | Summer Support Award | 2022 |
| | Department of Psychological Sciences, University of California, Merced | |
| | Development Support Award | 2021 |
| | Department of Psychological Sciences, University of California, Merced | |
| | Utrecht Excellence Scholarship | 2019, 2020 |
| | President of Utrecht University | |
| | Scholarship for the GESIS Summer School in Survey Methodology | 2020 |
| | European Survey Research Association | |
| | Presidential Award for Best Scholarly Achievement | 2019 |
| | President of Sungkyunkwan University | |
| | Best Undergraduate Research Project Award | 2018 |
| | Department of Psychology, Sungkyunkwan University | |
| | Scholarship for Students with Research Potential | 2018 |
| | Department of Psychology, Sungkyunkwan University | |
| | Academic Achievement Scholarship | 2018 |
| | Student Affairs Division, Sungkyunkwan University | |
| | Academic Excellence Scholarship | 2016, 2017, 2018 |
| | Department of Psychology, Sungkyunkwan University | |
| | Academic Excellence Scholarship | 2016 |
| | University College, Sungkyunkwan University | |

- PEER-REVIEWED ARTICLES Depaoli, S., Jia, F., & **Heo, I.** (in press). Detecting model misspecification in Bayesian piecewise growth models. *Structural Equation Modeling: A Multidisciplinary Journal*.
- Liu, R., **Heo, I.**, Liu, H., Shi, D., & Jiang, Z. (2022). Applying negative binomial distribution in diagnostic classification models for analyzing count data. *Applied Psychological Measurement*. Advance online publication. <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. (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.

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| INSTITUTIONAL PRESENTATIONS | Heo, I. (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. | |
| | Heo, I. (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. | |
| | Heo, I. (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 | Lab Instructor , Analysis of Psychological Data Department of Psychological Sciences, University of California, Merced | Fall 2021, Spring 2022 |
| | Lab Assistant , Advanced Course on Using <i>Mplus</i> Department of Methodology and Statistics, Utrecht University | Summer 2021 |
| | Lab Assistant , Introduction to Structural Equation Modeling Using <i>Mplus</i> Department of Methodology and Statistics, Utrecht University | Summer 2021 |
| | Workgroup Instructor , Advanced Research Methods and Statistics for Psychology Department of Methodology and Statistics, Utrecht University | Spring 2020 |
| | Teaching Assistant , Social Marketing SKK Graduate School of Business, Sungkyunkwan University | Fall 2018 |
| SERVICE ACTIVITIES | Psi Chi Graduate Panel - Quantitative Area Department of Psychological Sciences, University of California, Merced | 2021 |
| PROFESSIONAL AFFILIATIONS | Open Science Community Utrecht Association for Psychological Science Interuniversity Graduate School of Psychometrics and Sociometrics | |