

Curriculum Vitae

Haoran Li

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Education

- 2018 - 2023 PhD, Educational Psychology (Research, Measurement, and Statistics),
Texas A&M University
- 2013 - 2015 MS, Applied Psychology,
East China Normal University
- 2009 - 2013 BA, Event Management,
Shanghai University of International Business and Economics

Professional Experience

- 2023 - present Assistant Professor, Quantitative Methods in Education, Department of
Educational Psychology, University of Minnesota, Twin-Cities
- 2015 - 2016 Assessment Consultant, Beijing Beisen Cloud Computing Co. Ltd.

Area of Interest

Multilevel modeling
Single-case experimental designs
Monte Carlo simulation
Longitudinal data analysis
Measurement development and validation

Publication

Peer Reviewed Journal Articles:

- Luo, W. & Li, H. (accepted). A comparison of methods for specifying optimal random effects structures. *Methodology*.
- Li, H., Luo, W., Baek, E., Thompson, C. G., & Lam, K. H. (2023). Multilevel modeling in single-case studies with count and proportion data: A demonstration and evaluation. *Psychological Methods*. Advance online publication. <https://doi.org/10.1037/met0000607>
- Ettekal, I., Li, H., Chaudhary, A., Luo, W. & Brooker, R. J. (2022). Chronic, increasing and decreasing peer victimization trajectories and the development of externalizing and internalizing problems in middle childhood. *Development and Psychopathology*, 1–19. <https://doi.org/10.1017/S0954579422000426>
- Blake, J.J., Jackson, L., Ruffin, N., Salter, P., Li, H., Banks, C., & Williams, K. S. (2022). Black

girls and school discipline: The role of teacher race, pubertal development, and discipline philosophy on discipline decisions. *Journal of Emotional and Behavioral Disorders*, 30(2), 128–137. <https://doi.org/10.1177/10634266221077896>

- Li, H.**, Luo, W., Baek, E., Thompson, C. G., & Lam, K. H. (2021). Estimation and statistical inferences of variance components in the analysis of single-case experimental design using multilevel modeling. *Behavior Research Methods*, 54(4), 1559–1579. <https://doi.org/10.3758/s13428-021-01691-6>
- Li, H.**, Luo, W., Xi, J., & Peng, Y. (2021). Development and validation of the Multidimensional Procrastination Scale in Chinese: A comprehensive qualitative and quantitative investigation. *European Journal of Psychological Assessment*, 38(5), 412–426. <https://doi.org/10.1027/1015-5759/a000675>
- Luo, W., **Li, H.**, Baek, E., Chen, S., Lam, K. H., & Semma, B. (2021). Reporting practice in multilevel modeling: A revisit after 10 years. *Review of Educational Research*, 91(3), 311–355. <https://doi.org/10.3102/0034654321991229>

Edited Book Chapters:

- Luo, W., Baek, E., & **Li, H.** (2022). Transparency and replicability of multilevel modeling applications: A guideline for improved reporting practices. In Khine, M. S. (Eds), *Methodology for multilevel modeling in educational research: Concepts and applications*, [pp. 161–183]. Springer Nature, Singapore.

Manuscripts under Review/in Revision:

- Li, H.** (under review). Model selection of GLMMs in the analysis of count data in single-case studies: A Monte Carlo simulation.
- Li, H.**, Avendaño, S. M., & Bak, M.Y.S. (in revision). Analyzing the effects of a repeated reading intervention on reading fluency: An application of generalized linear mixed models.
- Li, H.**, Baek, E., Luo, W., Du, W., & Lam, K. H. (in revision). Reanalysis of prelinguistic milieu teaching for school-aged children with autism: An application of generalized linear mixed models.
- Li, H.**, Luo, W., & Baek, E. (under review). Multilevel modeling in single-case studies with zero-inflated and overdispersed Count Data.
- Mendoza, M., Stanford-Galloway P., Ruffin, N., **Li, H.**, Russell, N., & Blake, J.J. (under review). Validating an adapted version of the teacher multicultural attitude scale.

Conference Presentation

- Li, H.**, Luo, W., Baek, E., Lam, K. H., Du, W., & Koehler, N. (2023, June). GLMMs for overdispersed count data in SCED studies: Does autocorrelation matter? Paper presented at the Modern Modeling Methods Conference, Storrs, CT.
- Li, H.**, Luo, W., Baek, E., Lam, K. H., Du, W., & Koehler, N. (2023, May). *Single-case studies with count and proportion outcomes: A data analytical framework using generalized linear mixed models*. Poster presented at the Wing Institute Single-Case Conference, Nashville, TN.
- Li, H.**, Luo, W., Baek, E., Thompson, C. G., & Lam, K. H. (2022, April). *Multilevel modeling in single-case studies with zero-inflated count data*. Poster presented at the Annual Meeting of the American Educational Research Association, San Diego, CA. <https://tinyurl.com/y6qydc7>

- Li, H.,** Luo, W., Baek, E., Thompson, C. G., & Lam, K. H. (2022, April) *Generalized Linear Mixed Modeling in Single-Case Studies with Count and Proportion Data*. Poster presented at the Annual Meeting of the American Educational Research Association, San Diego, CA. <https://tinyurl.com/yxa4mwmc>
- Li, H.,** Luo, W., Lam, K. H., Baek, E., & Thompson, C. G. (2021, April) *Multilevel modeling in single case studies with count and proportion data*. Poster presented at the Annual Meeting of the American Educational Research Association. <https://tinyurl.com/yxgfmrjy>
- Chaudhary, A., **Li, H.,** Ettekal, I., Brooker, R.J., & Luo, W. (2021, April). *Peer victimization trajectories and longitudinal associations with children's externalizing and internalizing problems, and inhibitory control*. Poster presented at the Society for Research in Child Development Biennial Meeting, virtual conference.
- Li, H.,** Lam, K. H., Luo, W., Baek, E., & Thompson, C. G. (2020, June). *Innovated methods to improving performance of multilevel modeling for variance components in the analysis of SCED*. [Paper Session]. Annual Meeting of the Modern Modeling Methods, Storrs, CT (Conference Canceled).
- Li, H.,** Lam, K. H., Luo, W., Baek, E., Thompson, C. G., & Majzun, A. (2020, April) *Performance of multilevel modeling and power of tests for variance components in the analysis of single-case experimental designs* [Structured Poster Session]. Annual Meeting of the American Educational Research Association, San Francisco, CA. <http://tinyurl.com/y29c9tl3> (Conference Canceled)

Teaching and Curriculum Development

EPSY 8251: Statistical Methods in Education I (Fall 2023)

EPSY 8215: Advanced Research Methodologies in Education (Spring 2024)

EPSY 8266: Statistical Analysis Using Structure Equation Analysis (Spring 2024)

Advising and Mentoring

Doctoral Student Advising

Advisees and Co-Advisees

Jichuan Wu, Educational Psychology Ph.D. (advisee)

Service

Service to the Department of Educational Psychology, University of Minnesota

Member, Diversity Committee

2023-present

Conference Proposal Reviewer

American Educational Research Association (AERA)

2022-present

Ad Hoc Reviewer

Evaluation and the Health Professions

2023

Invited Talk

Job Seeking in Academia, Texas A&M University

2023

Job Seeking in Academia, University of Southern California

2023