Naike Wang, PhD

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	Google Scholar:	`https://scholar.google.com/citations?user=QD-iEXoAAAAJ&hl=en&inst=14379318592444324147`
	Academic website:	`https://wnk4242.github.io/`

EDUCATION

Texas A&M University, College Station, TX, US

○ **Doctor of Philosophy**, Quantitative Psychology   **December 2025**

Dissertation: An Examination of Bayesian Hypothesis Testing Methods for Direct Replication Studies in a Meta-analytic Framework
Advisor: Christopher G. Thompson

John Jay College of Criminal Justice, The City University of New York, New York, NY, US

○ **Master of Arts**, Forensic Mental Health Counseling   **December 2016**

Tianjin Normal University, Tianjin, China

○ **Bachelor of Science**, Applied Psychology   **May 2013**

RESEARCH

PEER-REVIEWED ARTICLES

Wang, N. (2023). Conducting meta-analyses of proportions in R. *Journal of Behavioral Data Science*, *3*(2), 1-63.

Thompson, C. G., Semma, B., **Wang, N.**, & Ettekal, I. (2021). Using Bayesian meta-regression to advance prevention science research: An introduction and empirical illustration. *Prevention Science*, *23*(3), 455-466.

Gilson, C. B., Thompson, C. G., Ingles, K. E., Stein, K. E., **Wang, N.**, & Nygaard, M. A. (2021). The job coaching academy for transition educators: A preliminary evaluation. *Career Development and Transition for Exceptional Individuals*, *44*(3), 148-160.

PREPRINTS

Wang, N. (2025). *Seeing Beyond Replication Success: A Framework for Evaluating Multi-Lab Replication Outcomes Using Meta-Analytic Bayes Factors*. *PsyArXiv*. `https://doi.org/10.31234/osf.io/a42c6_v1`.

CONFERENCE PRESENTATIONS

Wang, N. (November, 2024) Meta-analytic Bayes factor can effectively evaluate multi-lab replication studies' results. Poster accepted for presentation at SC24: The International Conference for High Performance Computing, Networking, Storage, and Analysis, Atlanta, GA.

Chen, Y., **Wang, N.**, Guo, W., & Eslami, Z. (November, 2024) Evaluating ChatGPT's pragmatic competence: In the context of the Request Speech Act. Paper presented at the International Conference on Pragmatics and Language Learning, Bloomington, IN.

Wang, N. (June, 2024a) An examination of Bayesian hypothesis testing methods for direct replication studies in a meta-analytic framework. Poster presented at the Modern Modeling Methods Conference, Storrs, Connecticut.

Wang, N. (June, 2024b) Underpowered studies and overrepresented significant findings in educational psychology: An examination of statistical power of meta-analyses in top educational psychology journals. Poster presented at the Modern Modeling Methods Conference, Storrs, Connecticut.

Wang, N. (April, 2024c) Complex relationship occurs between effect size and heterogeneity when meta-analyses are impacted by p-hacking and publication bias: A simulation study. Poster presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.

Wang, N. (March, 2023) Underpowered studies and overrepresented significant findings in educational psychology: An examination of statistical power of meta-analyses in top educational psychology journals. Roundtable Session presented at the annual meeting of the Texas Universities' Educational Statistics And Psychometrics, Austin, TX.

Wang, N., & Liu, C. (2017) The effectiveness of sex offender registration and notification laws with juvenile sex offenders: A systematic review. Poster presented at the 2017 American Psychological Association Annual Convention, Washington, D.C.

Wang, N., Denisenkov, P., Robinson, J., Belden, A., & Jeglic, E. (2016) Collateral consequences of sex offender registration laws: A systematic review. Poster presented at the 21st Annual Joint New York State Association for the Treatment of Sexual Abusers and Alliance Conference, Albany, NY.

UNDER REVIEW   **Wang, N.** (under review). Seeing beyond replication success: A framework for evaluating multi-lab replication outcomes using meta-analytic Bayes factors.

IN PREPARATION   Lawrence, J. & **Wang, N.** (in preparation). The impact of diet and industrialization on dental health: A meta-analysis of proportions of malocclusion in preagricultural, non-Industrial, and modern populations.

OPEN-SOURCE SOFTWARE

Wang, N. (2025). *CoviPanel* [Computer software]. GitHub. `https://github.com/wnk4242/CoviPanel`

A browser-based research tool developed to streamline abstract screening for systematic review in Covidence.

FUNDED GRANTS

Naike Wang (2024). *Underpowered studies and overrepresented significant findings in educational psychology: An examination of statistical power of meta-analyses in top educational psychology jour-*

nals. School of Education and Human Development Graduate Research Award, $1,000.

TEACHING

TEACHING
ASSISTANT

Department of Educational Psychology, College of Education & Human Development, Texas A&M University, College Station, TX
Statistical Analysis in Educational Research I, II
Meta-analysis of Behavioral Research
- Roles and Responsibilities: In addition to holding office hours, I delivered graduate-level lectures on a wide range of introductory and advanced statistical topics, such as reliability and validity, meta-analysis, and linear models.

SERVICE

AD HOC
REVIEWER

Discover Artificial Intelligence
American Educational Research Association Annual Meeting
Behavior Research Methods
CBE–Life Sciences Education
Methods Coordinating Group, Campbell Collaboration
Humanities and Social Sciences Communications
BMC Medical Research Methodology

PROFESSIONAL EXPERIENCE

QUANTITATIVE
RESEARCH
CONSULTANT

Educational Research and Evaluation Laboratory, Department of Educational Psychology, College of Education & Human Development, Texas A&M University, College Station, TX

- Roles and Responsibilities: Consulted and advised on quantitative research inquiries for graduate students across all departments, including appropriate research design and data analyses.

TECHNICAL SKILLS

STATISTICAL
SOFTWARE

R, Python, Stata, SAS, Mplus, SPSS, JMP, JASP

WORKLOAD
MANAGER

Slurm

CERTIFICATION

SAS Base Programming

HONORS AND AWARDS

Walter W. Lechner Estate Endowment Award, Fall 2018-2019
- Issued by Texas A&M University, College Station, TX

EPSY Scholarship, Fall 2022-2023
- Issued by Department of Educational Psychology, College of Education & Human Development, Texas A&M University, College Station, TX

COURSES

RMS
COURSES

Meta-analysis of Behavior Research
Theory of Structural Equation Modeling
Theory of Hierarchical Modeling
Advanced Structural Equation Modeling
Advanced Psychometric Theory
Multiple Regression and Other Linear Models
Item Response Theory
Survey Instrument Development

STATISTICS
COURSES

Overview of Mathematical Statistics
Statistical Computations
Methods of Statistics
Applied Categorical Data Analysis