



Curriculum Vitae – Elaine K. Chiu

PERSONAL Email: chiukuanjung@gmail.com

DATA **Personal Website:** https://elainechiu.github.io

EDUCATION **Ph.D.** in Statistics

University of Wisconsin-Madison

Ph.D. Advisor: Professor Hyunseung Kang Expected 2026

M.S. in Statistics

University of Washington at Seattle 2021

Bachelor of Arts, Department of Economics (Political Science Minor)

National Taiwan University 2018

RESEARCH Theory and Methods: Causal inference; Observational studies; Randomized experiments.

INTERESTS Applications: Health policy; Public health; Education policy, Social sciences.

HONORS AND NESS Student Research Award

AWARDS New England Statistics Symposium (NESS) 2025

IMS Hannan Graduate Student Travel Award

Institute of Mathematical Statistics (IMS) 2025

ICSA Student Paper Award, Honorable Mention

International Chinese Statistical Association (ICSA) 2025

IMPS Duolingo Travel Award

International Meeting of the Psychometric Society (IMPS) 2024

President's Award - Top 5% of GPA, summa cum laude equivalent

National Taiwan University 2014-2016

Scholarship Awardee, Future Scholars in the Humanities and Social Sciences Program

Supported visiting at University of Wisconsin–Madison, Ministry of Education, Taiwan 2016

Working

* indicates equal contribution.

PAPERS

- [1] **Chiu, E. K.**, and Kang, H. (2025). "Exact, Nonparametric Sensitivity Analysis for Observational Studies of Contingency Tables." https://arxiv.org/abs/2507.17207.
- [2] Heng, S.*, **Chiu, E. K.***, and Kang, H. (2025). "Towards Robust Matched Observational Studies with General Treatment Types." In preparation.
- [3] **Chiu, E. K.**, and Kang, H. (2025). "Sensitivity Analysis for Matched-Pair Cluster Randomization Designs." In preparation.

LIST OF REFERENCES Name: Hyunseung Kang Title: Associate Professor

Institution: Department of Statistics, University of Wisconsin-Madison

Office Address: 6645 Morgridge Hall, 1205 University Avenue, Madison, WI 53706

Homepage: https://pages.cs.wisc.edu/~hyunseung/

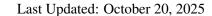
Email: hyunseung@stat.wisc.edu

Name: Siyu Heng
Title: Assistant Professor

Institution: Department of Biostatistics, School of Global Public Health, New York University

Office Address: 708 Broadway, New York, NY 10003, USA

Homepage: https://www.hengsiyu.com/





Email: siyuheng@nyu.edu

Name: Sam Pimentel
Title: Associate Professor

Institution: Department of Statistics, University of California, Berkeley **Office Address:** 429 Evans Hall, University Dr, Berkeley, CA 94720

Homepage: https://www.stat.berkeley.edu/~spi/

Email: spi@berkeley.edu

TEACHING Teaching Assistant of Stat 340 – Introduction to Data Modeling II

Department of Statistics, University of Wisconsin-Madison

Teaching Assistant of STAT 333 – Applied Regression Analysis

Department of Statistics, University of Wisconsin-Madison

Fall 2023

Teaching Assistant of STAT 571 572, Statistical Methods for Bioscience I, II

Department of Statistics, University of Wisconsin-Madison

2022

Teaching Assistant of STAT 301 – Introduction to Statistical Method

Department of Statistics, University of Wisconsin-Madison

2021