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ACADEMIC POSITION

Assistant Professor

Department of Statistics
National Chengchi University, Taipei, Taiwan.

August 2025 – Present

Postdoctoral Associate

Department of Statistics and Data Science
Cornell University, Ithaca, USA.
Mentor: Prof. Martin T. Wells.

March 2024 – June 2025

EDUCATION

PhD in Statistics

Institute of Statistics, National Yang Ming Chiao Tung University, Hsinchu, Taiwan. July 2023
Advisor: Prof. Weijing Wang.

BSc in Statistics

Department of Statistics, National Chengchi University, Taipei, Taiwan. June 2017

PUBLICATIONS

Statistical Methodology:

1. **Tai Y-C**, Wang W, Wells MT. Estimand-based Inference in Presence of Long-Term Survivors. *Statistical Methods in Medical Research*. 2025; 34(6): 1178-1191. doi:[10.1177/09622802251327686](https://doi.org/10.1177/09622802251327686)
2. **Tai Y-C**, Wang W, Wells MT. Two-sample inference procedures under nonproportional hazards. *Pharmaceutical Statistics*. 2023; 22(6): 1016-1030. doi:[10.1002/pst.2324](https://doi.org/10.1002/pst.2324)

Other Work:

Tai Y-C, Wang W, Wells MT. Progression-Free Survival Analysis with a Graphical Estimand Approach in the Phase 2 SAMCO-PRODIGE 54 Trial. *JAMA Oncology*. 2024;10(4):539–540. doi:[10.1001/jamaoncol.2024.0002](https://doi.org/10.1001/jamaoncol.2024.0002)

COMPUTER SOFTWARE

Tai Y-C, Wang W, Wells MT. tauProcess (Version 2.1.3) [Computer software]. 2023.

doi:[10.32614/CRAN.package.tauProcess](https://doi.org/10.32614/CRAN.package.tauProcess)

GRANTS & FUNDING

1. 114-2118-M-004-011-MY2, National Science and Technology Council, Taiwan.
“Causal Machine Learning for Efficient Inference of Two-Sample Estimands under Right Censoring”
2. Postdoctoral Research Abroad Program, National Science and Technology Council, Taiwan. “Innovative Statistical Methodology Development with Application to Advancing Immunotherapy Clinical Trials”

CONFERENCE TALKS

2026 Annual Meeting of the Chinese Statistical Association (Taiwan)

35th South Taiwan Statistics Conference

06/25/2026

SEMINAR TALKS

Institute of Statistical Science, Academia Sinica.

05/25/2026

Graduate Institute of Statistics, National Central University.

03/04/2025

Department of Statistics, National Taipei University

02/25/2025

Department of Statistics, National Chengchi University.

02/24/2025

Department of Applied Mathematics, National Sun Yat-sen University.

02/04/2025

Department of Mathematics, National Chung Cheng University.

01/08/2025

Institute of Public Health, National Yang Ming Chiao Tung University.

09/30/2024

TEACHING EXPERIENCE

Time Series Analysis, Lecturer, NCCU

Spring 2026

Statistics (I) (II), Lecturer, NCCU

Fall 2025, Spring 2026

Calculus (I) (II), Teaching Assistant, NCTU

Fall 2017, Spring 2018

Biostatistics, Teaching Assistant, NCTU

Fall 2018

Applied Methods in Statistics, Teaching Assistant, NCTU

Spring 2019

Advanced Survival Analysis, Teaching Assistant, NCTU

Fall 2019, Fall 2021

REFEREE SERVICE

Spatial Statistics

Journal of the American Statistical Association

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