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ACADEMIC POSITION

Postdoctoral Associate

Cornell University, Ithaca, USA.

Mentor: Prof. Martin T. Wells.

March 2024 - Present

EDUCATION

PhD in Statistics

Institute of Statistics, National Yang Ming Chiao Tung University, Taiwan.

August 2023

Advisor: Prof. Weijing Wang.

BSc in Statistics

Department of Statistics, National Chengchi University, Taiwan.

June 2017

PUBLICATIONS

Statistical Methodology:

Tai Y-C, Wang W, Wells MT. Two-sample inference procedures under nonproportional hazards. *Pharmaceutical Statistics*. (IF:1.3 Q2) 2023; 22(6): 1016-1030. doi:[10.1002/pst.2324](https://doi.org/10.1002/pst.2324)

Tai Y-C, Wang W, Wells MT. Estimand-based Inference in Presence of Long-Term Survivors. *Statistical Methods in Medical Research*. (IF:1.6 Q1) to appear.

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)

MANUSCRIPTS

In Preparation:

Tai Y-C, Wang W, Wells MT. Covariate Adjustment for Treatment Effects under Nonproportional Hazards with Machine Learning.

Tai Y-C, Wang W, Wells MT, Wolchok JD. Comprehensive Assessment of Survival Benefits: A Framework of Milestone-Based Estimands

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)

GRANT & AWARD

Postdoctoral Research Abroad Program, National Science and Technology Council, Taiwan.
“Innovative Statistical Methodology Development with Application to Advancing Immunotherapy Clinical Trials”

TALKS

Institute of Public Health, National Yang Ming Chiao Tung University. 09/30/2024
Department of Mathematics, National Chung Cheng University. 01/08/2025
Department of Applied Mathematics, National Sun Yat-sen University. 02/04/2025
Department of Statistics, National Chengchi University. 02/24/2025
Graduate Institute of Statistics, National Central University. 03/04/2025

TEACHING EXPERIENCE

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

Last updated on 02/18/2025