Wei-Ming Wang, Ph. D.

Assistant Professor, Department of Statistics and Information Science, Fu Jen Catholic University

Education

1998-02 B.S. in Science, Department of Mathematics, National Chung Cheng University, Chiayi, Taiwan

2002-04 M.S. in Science, Institute of Epidemiology, National Taiwan University, Taipei, Taiwan

2016-22 Ph.D. in Philosophy, Department of Statistics, National Cheng Kung University, Tainan, Taiwan

Professional Experiences

1. Postdoctoral Research Fellow, Department of Economics, National Cheng Kung University, National Cheng Kung University (2023-24)
2. Senior Statistician, aiFree Interactive Technology Co., Ltd. (2022-23)
3. Biostatistician, Clinical Medicine Research Center, National Cheng Kung University Hospital. (2010-16)

Selected Publications (Total 36 papers; H-index: 7)

1. Shih CA, Yang DC, **Wang WM**, Wu YL, Yang YC, Ku HC. (2025). Incidence and risk factors of postoperative delirium in elderly patients following hip fracture surgery: A Nationwide Retrospective cohort study in Taiwan. *International Journal of Geriatric Psychiatry*. [Accepted, SCI]

2. Chen YC, **Wang WM**, Lin BJ, Wang JD, Ku LJE. (2025). Early Enrollment in Diabetes Pay-for-performance Program Reduced Loss of Life Expectancy in Newly-diagnosed Patients with Type 2 Diabetes. *Diabetes and Metabolism Journal*. [Accepted, SCI]

3. Tang EK, Wei YF, Chang CC, **Wang WM**, Wu CY, Huang WL, Chen YY, Yen YT, Lin CC, Wu MH, Tseng YL. (2024). Too early to be different? A multi-institutional study with 30-year follow-up for prognostic factors of completely resected early stage thymoma. *Journal of the Formosan Medical Association*. doi://doi.org/10.1016/j.jfma.2024.12.009. [SCI]

4. Kuo LP, Wang YC, Chen PL, Lin WH, **Wang WM**, Shih CJ, ... & Tsai MT. (2023). Prophylactic antibiotic treatment for preventing nosocomial infection in extracorporeal membrane oxygenation–resuscitated circulatory arrest patients. *JTCVS Open*. 16, 582-601. [SCI]

5. **Wang WM***, Wen CC, Hung TH, Zhong J, & Wen MJ, (2022). Single-stage Sampling Procedure for Heteroscedasticity Analysis of Means. *Brazilian Journal of Probability and Statistics*, 36(4), 704-724. [SCI] **First author and Corresponding author**

6. **Wang WM***, Wen CC, Rajdeep D, & Wen MJ, (2022). A Modified Single-stage Sampling Procedure for Heteroscedasticity Analysis of Means with Unbalanced Design. *Communications in Statistics-Simulation and Computation*, 53(5), 2277-2290. [SCI] **First author and Corresponding author**

7. Wen MJ, Wen CC, & **Wang WM*** (2022). Single-stage sampling procedure for heteroscedasticity in multiple comparisons with a control, 53(4), 1719-1728. *Communications in Statistics-Simulation and Computation*. [SCI] **Corresponding author**

8. **Wang WM**, Ou HT, Wen MJ, Su PF, Yang CY, Kuo TH, Wang MC, & Lin WH. (2022). Association of retinopathy severity with cardiovascular and renal outcomes in patients with type 1 diabetes: a multi-state modeling analysis. *Scientific Reports*, 12(1), 4177. [SCI] **First author**