

CURRICULUM VITAE

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Education

Ph.D., Statistics, Tunghai University, Taiwan (2003-2009)

Professional Experiences

2019.04 - 2025.07 Associate Research Fellow, RCHSS, Academia Sinica

2010.10 - 2019.04 Assistant Research Fellow, RCHSS, Academia Sinica

2009.09 - 2010.07 Postdoctoral Research, Department of Statistics, Feng Chia University

Selected Publications

Melody Hsiao-San Yeh, Chun-Tung Kuo, Shu-Hui Hsieh, Tzu-Pin Lu, Vincent Cheng-Sheng Li, and John Tayu Lee, 2026, "Predictors of subjective well-being in Taiwan: a machine learning analysis with SHAP explanations", *HUMANITIES & SOCIAL SCIENCES COMMUNICATIONS*. (SSCI)

Chun-Tung Kuo, Shu-Hui Hsieh, Pei-Shan Liao, Ichiro Kawachi, 2025, "Relative deprivation and subsequent health, happiness, and human flourishing: A longitudinal outcome-wide analysis", *SOCIAL SCIENCE & MEDICINE*, 384, 118537, 1-8. (SSCI)

Shu-Hui Hsieh*, Pier Francesco Perri, and Adrian Hoffmann, 2024, "Prevalence estimates for COVID-19-related health behaviors based on the cheating detection triangular model", *BMC PUBLIC HEALTH*, 24:2523, 1-17. (SCIE)

Martin T. Lukusa, Pier Francesco Perri, Shu-Hui Hsieh*, 2024, "Adjusting self-protective and nonresponse behaviors in sensitive prevalence estimation by a two-stage multilevel randomized response technique", *INTERNATIONAL STATISTICAL REVIEW*. (SCIE)

Shu-Hui Hsieh* and Pier Francesco Perri, 2022, "A logistic regression extension for the randomized response simple and crossed models: Theoretical results and empirical evidence". *SOCIOLOGICAL METHODS & RESEARCH*, 51(3), 1244-1281. (SSCI)

Shu-Hui Hsieh, Shen-Ming Lee*, and Chin-Shang Li, 2022, "A two-stage multi-level randomized response technique with proportional odds models and missing covariates". *SOCIOLOGICAL METHODS & RESEARCH*, 51(1), 439-467. (SSCI)

Shu-Hui Hsieh* and Martin Tshishimbi Lukusa, 2021, "Comparison of estimators for multi-level randomized response data: Evidence from a case of sexual identity". *FIELD METHODS*, 33, 85-103. (SSCI)

Shu-Hui Hsieh* and Pier Francesco Perri, 2021, "Estimating the proportion of non-heterosexuals in Taiwan using Christofides' randomized response model: A comparison of different estimation methods", *SOCIAL SCIENCE RESEARCH*, 93,1-13. (SSCI)