

曾聖澧教授 (ShengLi Tzeng) (106 年畢業，107 年 8 月到校)

(A) 期刊論文

1. ShengLi Tzeng, Chi-Wei Lai and Hsin-Cheng Huang\*. *Spatially adaptive calibrations of AirBox PM2.5 data. BIOMETRICS, to appear, 2023+. [SCI, NSYSU]*
2. Heng-Hui Lue and ShengLi Tzeng\*. *Interpretable, predictive spatio-temporal models via enhanced pairwise directions estimation. JOURNAL OF APPLIED STATISTICS, to appear, 2023+. [SCI, NSYSU]*
3. Ding-Chih Lin, Hsin-Cheng Huang and ShengLi Tzeng\*. *Some enhancements to DeepKriging. STAT, to appear, 2023+. [SCI, NSYSU]*
4. ShengLi Tzeng, Chun-Shu Chen, Yu-Fen Li and Jin-Hua Chen\*. *On summary ROC curve for dichotomous diagnostic studies: an application to meta-analysis of COVID-19. JOURNAL OF APPLIED STATISTICS, to appear, 2023+. [SCI, NSYSU]*
5. Yu-Jie Huang, Shun-Hong Wang and ShengLi Tzeng\*. *Exploring the spatial patterns of the PM2.5 time series—a case study of microsensors in Taichung. JOURNAL OF THE CHINESE STATISTICAL ASSOCIATION, 60(2), 178-194, 2022. [NSYSU]*
6. Sean R. Anderson\*, Rachael Jocewicz, Alan Kan, Jun Zhu, ShengLi Tzeng and Ruth Y. Litovsky. *Sound source localization patterns and bilateral cochlear implants: Age at onset of deafness effects. PLOS ONE, 17(2), e0263516, 2022. [SCI, NSYSU]*
7. ShengLi Tzeng, Jun Zhu\*, Weisman, Amy J. Weisman, Tyler J. Bradshaw, and Robert Jeraj. *Spatial process decomposition for quantitative imaging biomarkers using multiple images of varying shapes. STATISTICS IN MEDICINE, 40(5):1243-1261, 2021. [SCI, NSYSU]*
8. Guowen Huang, Ling-Jyh Chen, Wen-Han Hwang, ShengLi Tzeng, and Hsin-Cheng Huang\*. *Real-time PM 2.5 mapping and anomaly detection from AirBoxes in Taiwan. ENVIRONMETRICS, 29(8):e2537, 2018. [SCI, NSYSU]*
9. Un Jung Lee, ShengLi Tzeng, Yu-Chuan Chen, and James J. Chen\*. *Prognostic and predictive signatures for treatment decisions. BIOMARKERS IN MEDICINE, 12, 849-859, 2018. [SCI]*
10. ShengLi Tzeng and Hsin-Cheng Huang\*. *Resolution adaptive fixed rank kriging. TECHNOMETRICS, 60, 198-208, 2018. [SCI]*
11. ShengLi Tzeng, Christian Hennig, Yu-Fen Li, and Chien-Ju Lin\*. *Dissimilarity for functional data clustering based on smoothing parameter commutation. STATISTICAL METHODS IN MEDICAL RESEARCH, 0962280217710050, 2017. [SCI]*
12. ShengLi Tzeng and Hsin-Cheng Huang\*. *Non-stationary multivariate spatial covariance estimation via low-rank regularization. STATISTICA SINICA, 25, 151-171, 2015 [SCI]*
13. James J. Chen, Chen-An Tsai, ShengLi Tzeng, and Chun-Houh Chen\*. *Gene selection with multiple ordering criteria. BMC BIOINFORMATICS, 8, 74, 2007. [SCI]*
14. ShengLi Tzeng, Hsin-Cheng Huang, and Noel Cressie\*. *A fast, optimal spatial-prediction method for massive datasets. JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION, 100, 1343-1357, 2005. [SCI]*

(B) 專書及其他著作

1. ShengLi Tzeng, Han-Ming Wu, and Chun-Houh Chen (2009). *Selection of proximity measures for matrix visualization of binary data. In Biomedical Engineering and Informatics, 2009. BMEI'09. 2nd International Conference on IEEE, pp. 1-9.*
2. Han-Ming Wu, ShengLi Tzeng, and Chun-Houh Chen (2008). *Matrix visualization. In Handbook of Computational Statistics: Data Visualization, Chen CH, Härdle W, Unwin A (eds). Berlin: Springer-Verlag, pp. 681-708.*