

List of Research Publications

a. Statistical Papers Published in, or Accepted by, Refereed Journals

(Theory [T], Methodology [M] and Application [A])

- [106] [MA] Guo, C., Lanza, K., Li, D., Zhou, Y., Aunan, K., Loo, B. P.Y., Lee, J., Luo, B., Duan, X., Zhang, W., **Zhang, Z.**, Lin, S., Zhang, K. (2023), Impact of heat on all-cause and cause-specific mortality: A multi-city study in Texas, *Environmental Research*, <https://doi.org/10.1016/j.envres.2023.115848>
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- [104] [TMA] Lu, X. F., Sheng, K., **Zhang, Z.** (2022), Forecasting VaR and ES using the joint regression combined forecasting model in the Chinese stock market. *International Journal of Emerging Markets*. DOI: 10.1108/IJOEM-06-2022-0941
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- [102] [TMA] Teng, H. Y., **Zhang, Z.** (2022), Two-way Truncated Linear Regression Models with Extremely Thresholding Penalization. *Journal of the American Statistical Association*. <https://doi.org/10.1080/01621459.2022.2147074>
- [101] [TMA] Feng, W and **Zhang, Z.** (2022), Risk-Weighted Cryptocurrency Indices. *Finance Research Letters*. <https://doi.org/10.1016/j.frl.2022.103438>
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- [97] [TMA] Lin, H. and **Zhang, Z.** (2022), Extreme Co-movements between Infectious Disease Events and Crude Oil Futures Prices: from Extreme Value Analysis Perspective. *Energy Economics*. **110**, June 2022, 106054 <https://doi.org/10.1016/j.eneco.2022.106054>.
- [96] [TMA] Lin, H. and **Zhang, Z.** (2022), The Impacts of Digital Finance Development on Household Income, Consumption, and Financial Asset Holding: An Extreme Value Analysis of China's Micro Data. *Personal and Ubiquitous Computing*. Jan 27:1-21. doi: 10.1007/s00779-022-01667-z. Epub ahead of print. PMID: 35103052; PMCID: PMC8791700..
- [95] [TMA] **Zhang, Z.** (2022), Lift the Veil of Breast Cancers Using Four or Fewer Critical Genes. *Cancer Informatics*, **21**, 1-11, <https://doi.org/10.1177/11769351221076360>.
- [94] [TMA] **Zhang, Z.** (2021), Functional Effects of Four or Fewer Critical Genes Linked to Lung Cancers and New Subtypes Detected by A New Machine Learning Classifier. *Journal of Clinical Trials*. **11**, S14 No: 1000001. <https://www.longdom.org/open-access/functional-effects-of-four-or-fewer-critical-genes-linked-to-lung-cancers-and-new-subtypes-detected-by-a-new-machine-learning-classifier.html> <https://doi.org/10.1101/2021.10.08.463736>

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- [92] [MA] Lin, H., Liu, LX, **Zhang, Z.** (2021), Hedging and Evaluating Tail Risks via Two Novel Options Based on Type II Extreme Value Distribution. *Symmetry*. **13**, 1630. <https://doi.org/10.3390/sym13091630>
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- [82] [MA] Lu, X., Liu, K., Liang, X.S., **Zhang, Z.**, Cui, H. (2020), The Break Point-Dependent Causality between the Cryptocurrency and Emerging Stock Markets. *Economic Computation and Economic Cybernetics Studies and Research* **54**(4), DOI: [10.24818/18423264/54.4.20.13](https://doi.org/10.24818/18423264/54.4.20.13)
- [81] [TMA] Deng, L., Yu, M. and **Zhang, Z.** (2020), Statistical Learning of the Worst Regional Smog Extremes with Dynamic Conditional Modeling. *Atmosphere*, **11**, 665 doi:10.3390/atmos11060665
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(Other Papers Published in Related Fields: Industrial Engineering and Mathematics)

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