

## SUMMARY

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I am a fourth-year Ph.D. candidate in Computational Social Science and Network Science, with strong expertise in statistical methods and data analysis. I am skilled in the full data pipeline, including collection, preprocessing, exploratory analysis, and visualization, focusing on extracting actionable insights from complex datasets to support research and decision-making.

## EDUCATION

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<b>Southern University of Science and Technology (SUSTech)</b>	Shenzhen
Ph.D. Candidate in Data Science, GPA: 3.37/4.00, Advisor: Assistant Prof. Yifang Ma	2021–present

- Doctoral thesis title: “Statistical Analysis and Modeling of Scholar Academic Characteristics Based on Large-scale Research Data”

<b>Southern University of Science and Technology (SUSTech)</b>	Shenzhen
M.S. in Statistics, GPA: 3.15/4.00, Advisor: Prof. Guo-Liang Tian	2019–2021

- Master’s thesis title: “Comparisons of Multiple Independent Groups for Continuous Proportional Data”

<b>Yunnan Normal University (YNNU)</b>	Kunming
B.A. in Statistics, GPA: 3.51/4.00, Rank: 1/40	2015–2019

## RESEARCH INTERESTS

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Science of Science, Computational Social Science, and Network Science

## ARTICLES

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- **Tian, C.**, Huang, Y., Jin, C., Ma, Y., & Uzzi, B. (2024). *Quantifying the Innovativeness of Celebrated Scientists and Their Embeddedness in Collaboration Networks*. arXiv preprint arXiv:2411.12180.
- **Tian, C.**, Jiang, X., Huang, Y., Ma, L., & Ma, Y. (2024). *Decoding University Hierarchy and Prestige in China through Domestic Ph. D. Hiring Network*. arXiv preprint arXiv:2401.12739.
- Huang, Y., **Tian, C.**, & Ma, Y. (2023). *Practical operation and theoretical basis of difference in difference regression in science of science: The comparative trial on the scientific performance of Nobel laureates versus their coauthors*. Journal of Data and Information Science, 8(1), 29-46.
- Huang, Y., Cheng, X., **Tian, C.**, Jiang, X., Ma, L., & Ma, Y. (2024). *Talent hat, cross-border mobility, and career development in China*. Quantitative Science Studies, 1-24.
- He, Y., Huang, Y., **Tian, C.**, Xiang, S., & Ma, Y. (2024). *Neural embeddings of scientific mobility reveal the stratification of institutions in China*. Information Processing & Management, 61(3), 103702.

## TALKS

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- 11/2023, The 19th Chinese Conference on Complex Networks (CCCN), Guilin.
- 12/2024, The 7th Tianfu Forum on Scientific Metrology and Technology Evaluation, Chengdu.

## SCHOLARSHIPS AND AWARDS

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Outstanding Graduate Student	Jan. 2024
Doctoral Research Fellowship	2021–present
Graduate Research Fellowship	2019–2021
Outstanding Undergraduate Graduate of Yunnan Province	July 2019
National Scholarship	Nov. 2018
National Endeavor Scholarship	Nov. 2017
National Second Prize of CUMCM	Nov. 2017

- China Undergraduate Mathematical Contest in Modeling (CUMCM)

- Competition Topic: “Calibration and Imaging of CT System Parameters”

## TEACHING ASSISTANT

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• Introduction to Data Science (STA217)	Fall 2022
• Mathematical Statistics (STA5002)	Fall 2021
• Computational Statistics (MAT7105)	Spring 2021
• Probability and Statistics (MA212)	Spring 2020
• Ordinary Differential Equations (MA201a)	Fall 2019

## RESEARCH SKILLS

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- **Methodology:** Statistics, Network Science
- **Tools:** Python, R, Stata, Matlab, LATEX
- **Languages:** English (advanced), Mandarin (native)

## REFEREES

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- **Yifang Ma**, Assistant Professor, Department of Statistics and Data Science, @SUSTech  
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- **Guoliang Tian**, Professor, Department of Statistics and Data Science, @SUSTech  
Email: tiangl@sustech.edu.cn.