

MINGZE (RICO) HUANG

INTEREST

Computational Statistics, Machine Learning (Classic and Deep Learning), Parallel Computing (High Performance Computing), Fintech, Algorithmic Trading, Artificial Intelligence (Automation Programming for Drone/Robot)

EDUCATION

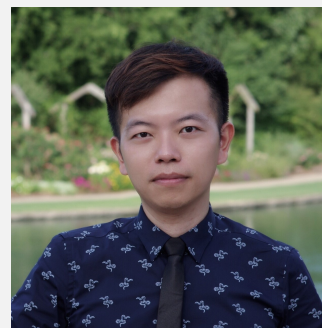
- 2010 • **Nankai University**
Bs. (Risk Management and Insurance) • Tianjin, China
- 2010 • **Nankai University**
Ms. in Economics • Tianjin, China
- 2014 • **Tel Aviv University**
Summer Institute • Tel Aviv, Israel
- 2016 • **Texas A&M University**
Ms. in Economics • College Station, Texas
- 2022 • **Texas A&M University**
PhD. in Economics, Ms. in Statistics • College Station, Texas

PEER-REVIEW PUBLICATIONS


- 2021 • **latentcor: An R Package for estimating latent correlations from mixed data types**
Mingze Huang, Christian L. Müller, Irina Gaynanova
• College Station, Texas
 - **Journal of Open Source Software** (Under Review): <https://joss.theoj.org/papers/4a6c419d1fb73148cbf13881b97c5ba9>
 - doi: *pending*
 - arXiv: <https://arxiv.org/abs/2108.09180>
 - NEWSBREAK: <https://www.newsbreak.com/news/2348863335897/latentcor-an-r-package-for-estimating-latent-correlations-from-mixed-data-types>

SOFTWARE

- 2020 • **acpc: An R Package with Shiny App for Area Classification based on Census Data**
Mingze Huang • College Station, Texas
 - CRAN: *pending*
 - Github Repository: <https://github.com/mingzehuanga/acpc>
 - Documentation Website: *pending*



CONTACT INFO

 <https://orcid.org/0000-0003-3919-1564>

 mingzehuanga@gmail.com

 <https://github.com/mingzehuanga/latentcor>

 <https://mingzehuanga.github.io/>

 <https://www.linkedin.com/in/mingze-rico-huang-a7986b21a/>

For more information, please contact me via email.

LANGUAGE

English, Taiwanese,
Chinese (Mandarin)

SKILLS

Bash (Unix Shell), Linux (Ubuntu), SQL, NoSQL, R, Python, Julia, C, C++, Intel DevCloud (Intel® Edge AI), AWS

Last updated on 2021-09-09.

2021

- **latentcor: An R Package for estimating latent correlations from mixed data types**
Mingze Huang, Grace Yoon, Christian L. Müller, Irina Gaynanova
📍 College Station, Texas
 - CRAN: <https://CRAN.R-project.org/package=latentcor>
 - GitHub Repository: <https://github.com/mingzhuang/latentcor>
 - Documentation Website: <https://mingzhuang.github.io/latentcor/>
 - Supplementary Material: https://github.com/mingzhuang/latentcor_evaluation

2021

- **latentcor: A Python Package for estimating latent correlations from mixed data types**
Mingze Huang, Christian L. Müller, Irina Gaynanova
📍 College Station, Texas
 - GitHub Repository: https://github.com/mingzhuang/latentcor_py



WORKING PAPERS

2019

- **Shadow banking, information asymmetry and ring-fencing policy.**
Mingze Huang
📍 College Station, Texas



FELLOWSHIP/AWARDS

2006-
2012

- **Nankai University**
Undergraduate/Graduate Scholarship
📍 Tianjin, China

2016
|
2022

- **Texas A&M University**
PhD Teaching/Research Assistantship, Dissertation Fellowship,
International Texas Public Education Grant
📍 College Station, Texas



WORKING EXPERIENCE

2016-
2019

- **Teaching Assistant**
Texas A&M University
📍 College Station, Texas
 - ECMT460/660: Mathematical Economics;
 - ECMT674: Economic Forecasting;
 - ECON675: Capstone for Financial Economics / Financial Econometrics;
 - ECON330: Economic Development;
 - ECON612: Money, Banking and Financial Market;
 - ECON203: Principle of Economics (Honor Capstone Project);
 - ECON611: Foundation of Macroeconomic Theory;

2020

- **Instructor of ECON459-501: Games & Economic Behavior**
Texas A&M University
📍 College Station, Texas
 - **Teaching Evaluation:** 4.33 / 5
(Course Average for All Sessions: 4.16 / 5)
 - Course Page: <https://mingzhuang.github.io/game.html>

2021



Instructor of ECON410: Macroeconomic Theory

Texas A&M University

📍 College Station, Texas

- [Teaching Evaluation](#): 5 / 5
- Course Page: https://mingzhehuang.github.io/ECON410_Macroeconomic_Theory/
- Github Repository: https://github.com/mingzhehuang/ECON410_Macroeconomic_Theory

2021



Teaching Assistant

Texas A&M University

📍 College Station, Texas

ECMT461: Economic Data Analysis