

# MINGZE (RICO) HUANG

## INTEREST

Computational Statistics, Machine Learning (Classic and Deep Learning), Parallel Computing on HPRC, Package Development for R and Python, Fintech, Algorithmic Trading

## EDUCATION

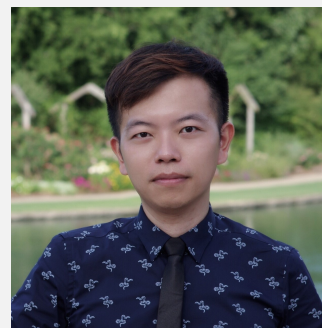
- 2010 • **Nankai University**  
Bs. (Risk Management and Insurance) • Tianjin, China
- 2010 • **Nankai University**  
Ms. in Economics • Tianjin, China
- 2014 • **Tel Aviv University**  
Summer Institute • Tel Aviv, Israel
- 2016 • **Texas A&M University**  
Ms. in Economics • College Station, Texas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

## PEER-REVIEW PUBLICATIONS

- 2021 • **latentcor: An R Package for estimating latent correlations from mixed data types** *Journal of Open Source Software*, 6(65), 3634  
**Mingze Huang**, Christian L. Müller, Irina Gaynanova  
• College Station, Texas  
JOSS 10.21105/joss.03634 arXiv 2108.09180

## SOFTWARE

- 2020 • **acpc: An R Package with Shiny App for Area Classification based on Census Data**  
**Mingze Huang** • College Station, Texas  
R v1.0.0



## CONTACT INFO

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github @mingzhuang

email [mingzhuang@gmail.com](mailto:mingzhuang@gmail.com)

linkedin Mingze (Rico) Huang

For more information, please contact me via [email](mailto:mingzhuang@gmail.com).

## LANGUAGE

English proficient

Taiwanese native

Chinese (Mandarin) native

## SKILLS

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

*Last updated on 2021-09-24.*

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 1.0.0 - 2021-08-26

📄 license GPL-3

DOI 10.5281/zenodo.5517823

📄 R v1.1.0

📄 license GPL-3.0

🌐 website up

📄 supplementary material september

2021

● **latentcor: A Python Package for estimating latent correlations from mixed data types**

Mingze Huang, Christian L. Müller, Irina Gaynanova

📍 College Station, Texas

📄 last commit

august



## MEDIA COVERAGE

2021

● **latentcor: An R Package for estimating latent correlations from mixed data types.**

[Computers](#)

📍 NEWSBREAK



## 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)

website up

2021



**Instructor of ECON410: Macroeconomic Theory**

Texas A&M University

📍 College Station, Texas

[Teaching Evaluation](#): 5 / 5

website up  last commit september

2021



**Teaching Assistant**

Texas A&M University

📍 College Station, Texas

ECMT461: Economic Data Analysis