

MINGZE (RICO) HUANG

INTEREST

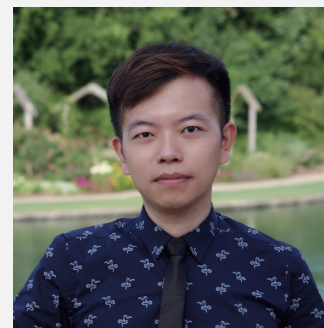
- Computational Statistics
- Package Development for R, Python and Julia
- Machine Learning (Classic Learning and Deep Learning)
- Parallel Computing on HPRC
- Bioinformatics
- Crypto Mining

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 (Dissertation Advisor: Irina Gaynanova)
📍 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



CONTACT INFO

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github @mingzhuang

email mingzhuang@gmail.com

linkedin Mingze (Rico) Huang

GoogleScholar Mingze Huang

ReserchGate Mingze Huang

Kaggle Mingze (Rico) Huang

Coursera Mingze (Rico) Huang

SKILLS

English proficient **Bash**

Ubuntu **R** **Python**

Julia **C** **MySQL**

Amazon AWS












Google Cloud

Microsoft Azure


Intel® Edge AI

Last updated on 2022-01-07.

SOFTWARE

- 2020 • **acpc: An R Package with Shiny App for Area Classification based on Census Data**
Mingze Huang  College Station, Texas
 v1.0.0
- 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 1.2.0 - 2021-10-31  license GPL-3
DOI 10.5281/zenodo.5517823  v1.2.0
 license GPL-3.0 website up
 supplementary material september 2021
- 2021 • **latentcor: A Python Package for estimating latent correlations from mixed data types**
Mingze Huang, Christian L. Müller, Irina Gaynanova  College Station, Texas
TestPyPI v0.1.3 website up build passing
 81%  last commit today
- 2022 • **latentcor: A Julia Package for estimating latent correlation of mixed data types**
Mingze Huang, Irina Gaynanova  College Station, Texas



MEDIA COVERAGE

- 2021 • **latentcor: An R Package for estimating latent correlations from mixed data types.**
[Computers](#)  NEWSBREAK

WORKING PAPERS


- 2021 • **latentcor is a Package for Aggregated Cell-type Level Data Analysis**
Mingze Huang, Johannes Ostner, Christian L. Müller, Irina Gaynanova.  College Station, Texas
- 2021 • **The Application of Canonical Correlation Analysis for Mixed Data Types in Social Science and Public Health Policy.**
Mingze Huang, Irina Gaynanova.  College Station, Texas
- 2022 • **The Inter-sex and Inter-line/strain Differences on Infection of Lyme Disease.**
Artem Rogovsky, Scott Crawford, Mingze Huang.  College Station, Texas

ACADEMIC SERVICES

- 2021 • **Peer-reviewer for *Journal of Open Source Software***
@mingzehuang  Online
- 2021 • **Peer-reviewer for *PLOS One***
Mingze Huang  Online







FELLOWSHIP/AWARDS

- 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](#)
- 2021-
2022 • **Teaching Assistant**
Texas A&M University  College Station, Texas
 - ECMT461: Economic Data Analysis;
 - ECEN489/STAT315: Special Topics: Computational Data Science