

MINGZE "RICO" HUANG

ABOUT

I'm doing Computational Statistics, Package Development for R and Python, Machine Learning (Classic and Deep Learning), Parallel Computing on HPC

EXPERIENCE

2016
|
2022

Teaching Economics

Texas A&M University

College Station, Texas

• As **Teaching Assistant** for:

- 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;
- ECON611: Foundation of Macroeconomic Theory;
- ECMT461: Economic Data Analysis;

• As **Instructor** for:

- [ECON459: Games & Economic Behavior](#)
- [ECON410: Macroeconomic Theory](#)

2022

Teaching Assistant for Data Science

Texas A&M University

College Station, Texas

• **ECEN360/STAT315: Special Topics: Computational Data Science**

EDUCATION

2012

Nankai University

BSc. and MSc. in Economics

Tianjin, China

2014

Tel Aviv University

Summer Institute

Tel Aviv, Israel

2016

Texas A&M University

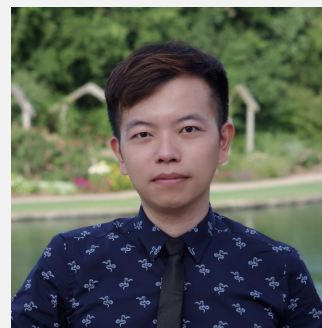
MSc. in Economics

College Station, Texas

2022

Texas A&M University

MSc. in Statistics (Advisor: Irina Gaynanova) College Station, Texas



CONTACT INFO

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website mingzhuang.github.io

github [@mingzhuang](https://github.com/mingzhuang)

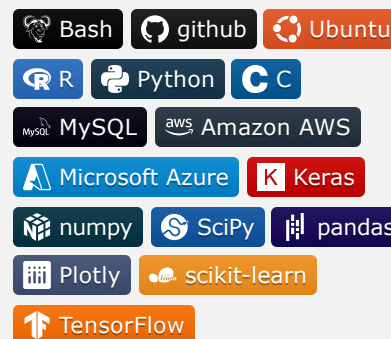
linkedin Mingze ("Rico") Huang

twitter [@mingze_rico](https://twitter.com/mingze_rico)

GoogleScholar [Mingze Huang](#)

ReserchGate [Mingze Huang](#)

SKILLS



Last updated on 2022-09-09.

2022

Texas A&M University

PhD. in Economics (Dissertation Advisor: Irina Gaynanova)
Dissertation: Essays in Statistical Machine Learning and Software
Development for Social-Economic Research

📍 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

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 v2.0.0 license GPL-3 R v2.0.1

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

PyPI v0.2.4 website up build passing codecov 81%

last commit last wednesday

Grace Yoon, Mingze Huang, Irina Gaynanova. *mixedCCA: Sparse
Canonical Correlation Analysis for High-Dimensional Mixed Data.*

College Station, Texas

2022

CRAN 1.5.2 - 2022-05-25 license GPL-3 R v1.6.2



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, Christian L. Müller, Irina Gaynanova.

📍 College Station, Texas

2021



The Application of Latent Correlation Estimation for Mixed Data Types in Social Science and Public Health Policy.

Mingze Huang, Irina Gaynanova.

📍 College Station, Texas

2022



Genetic background affects mouse responses to the Lyme disease pathogen.

Artem Rogovskyy, Scott Crawford, Mingze Huang.

📍 College Station, Texas

last commit **january**

2022



The Role of Simultaneity of Venture Capitalists' Coopetition on Start-up Exit.

Xiaolei Wang, Yan Zhong, Mingze Huang

📍 College Station, Texas



PEER-REVIEW SERVICES

2021

2022



[Journal of Open Source Software](#)

@mingzehuang

📍 Online

2021

2022



[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



PROFESSIONAL ASSOCIATIONS

2021 -



ASA

American Statistical Association

📍 USA

2022 -



IEEE

Institute of Electrical and Electronics Engineers

📍 USA

2022 -



RSS
Royal Statistical Society

📍 UK