

MINGZE (RICO) HUANG

ABOUT

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

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

Intern Data Scientist

Enom, Inc.

Newport Beach, California

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

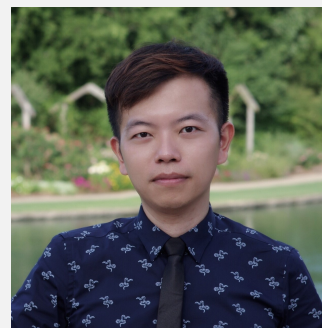
MSc. in Economics

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](#)

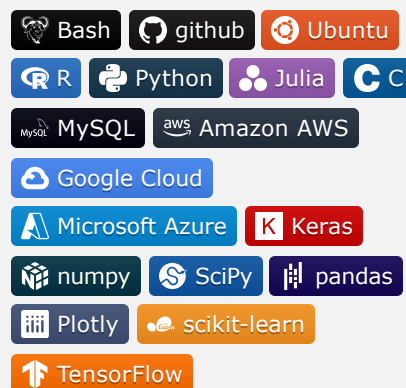
twitter [@mingze_rico](#)

GoogleScholar [Mingze Huang](#)

ReserchGate [Mingze Huang](#)

Kaggle [Mingze \(Rico\) Huang](#)

SKILLS



Last updated on 2022-01-21.

2022



Texas A&M University

PhD. in Economics (Dissertation Advisor: Irina Gaynanova)
Dissertation: Essays in the Use of Statistical Machine Learning in
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 1.2.0 - 2021-10-31 license GPL-3

DOI 10.5281/zenodo.5517823 R 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

codecov 81% last commit january

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



Genetic background affects mouse responses to the Lyme disease pathogen.

Artem Rogovsky, Scott Crawford, **Mingze Huang**.

📍 College Station, Texas



PEER-REVIEW SERVICES

2021



[Journal of Open Source Software](#)

@mingzehuang

📍 Online

2022

2021



[PLOS One](#)

Mingze Huang

📍 Online

2022



FELLOWSHIP/AWARDS

2016



Texas A&M University

PhD Teaching/Research Assistantship, Dissertation Fellowship, International Texas Public Education Grant

📍 College Station, Texas

2022



PROFESSIONAL ASSOCIATIONS

2021 -



ASA

American Statistical Association

📍 USA

2022 -



IEEE

Institute of Electrical and Electronics Engineers

📍 USA

2022 -



RSS

Royal Statistical Society

📍 UK