

MINGZE (RICO) HUANG

ABOUT

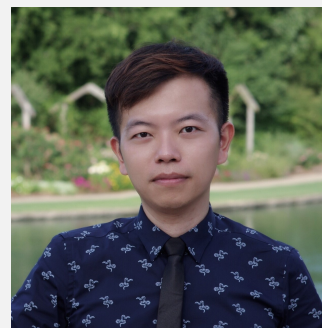
I'm doing Computational Statistics, Package Development for R, Python and Julia, Machine Learning (Classic and Deep Learning), Parallel Computing on HPRC, Bioinformatics, Crypto Mining

EXPERIENCE

- 2016-2022 • **Teaching 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;
 - ECON611: Foundation of Macroeconomic Theory;
 - ECMT461: Economic Data Analysis;
 - **ECEN489/STAT315: Special Topics: Computational Data Science**
- 2020-2022 • **Instructor**
Texas A&M University 📍 College Station, Texas
- **ECON459: Games & Economic Behavior**
 - **ECON410: Macroeconomic Theory**
- 2022- • **Data Scientist**
Eonum, Inc. 📍 Newport Beach, California
- Data processing and algorithm development using Python

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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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 2022-01-14.

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



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 • **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