

MINGZE (RICO) HUANG

ABOUT

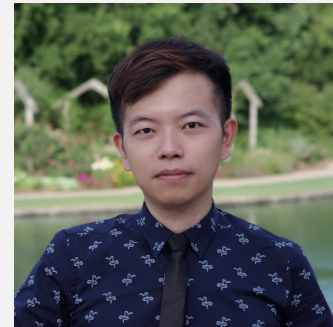
I'm doing Computational Statistics, Package Development for R, Python and Julia, Machine Learning (Classic and Deep Learning), Parallel Computing on HPRC, Bioinformatics, Crypto Mining

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) and PhD. in Economics (Dissertation 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

Last updated on 2022-01-14.

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 R 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



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