

# MINGZE (RICO) HUANG

## ABOUT

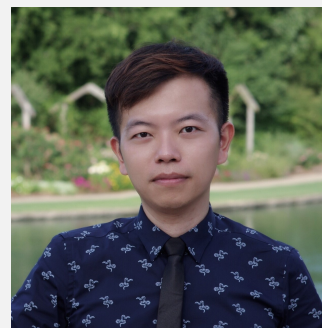
I'm doing Computational Statistics, Package Development for R, Python and Julia, Machine Learning (Classic and Deep Learning), Parallel Computing on HPRC, Bioinformatics, Crypto Mining

## 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

 <https://orcid.org/0000-0003-3919-1564>

twitter @mingze\_rico

github @mingzehuang

email [mingzehuang@gmail.com](mailto:mingzehuang@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 2022-01-14.

## 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 - • ***Journal of Open Source Software***  
@mingzehuang 📍 Online
- 2021 - • ***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