

# JIAWEI HUANG

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Católica Lisbon School of Business & Economics

Caminho de Palma de Cima, 1649-023 Lisboa, Portugal

## ACADEMIC APPOINTMENTS

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**Assistant Professor of Data Science**

2026 –

Católica Lisbon School of Business & Economics

Lisbon, Portugal

## EDUCATION

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**Ph.D. in Business Analytics**

2021 – 2026

Carl H. Lindner College of Business, University of Cincinnati

Cincinnati, USA

**M.S. in Statistics**

2020 – 2021

Department of Statistics, University of Wisconsin–Madison

Madison, USA

**B.S. in Statistics**

2016 – 2020

School of Statistics, Renmin University of China

Beijing, China

## RESEARCH

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### Peer-Reviewed Publications

1. Nam D. Nguyen, **Jiawei Huang**, & Daifeng Wang (2022). A Deep Manifold-Regularized Learning Model for Improving Phenotype Prediction from Multi-Modal Data. *Nature Computational Science*, 2(1), 38–46. [\[Link\]](#)
2. **Jiawei Huang**, Jie Sheng, & Daifeng Wang (2021). Manifold Learning Analysis Suggests Strategies to Align Single-Cell Multimodal Data of Neuronal Electrophysiology and Transcriptomics. *Communications Biology*, 4, 1308. [\[Link\]](#)
3. Ting Jin, Peter Rehani, Mufang Ying, **Jiawei Huang**, Shuang Liu, Panagiotis Roussos, & Daifeng Wang (2021). scGRNOM: A Computational Pipeline of Integrative Multi-Omics Analyses for Predicting Cell-Type Disease Genes and Regulatory Networks. *Genome Medicine*, 13(1), 95. [\[Link\]](#)

### Manuscripts Under Review

1. **Jiawei Huang**, Dungang Liu, Yuan Jiang, & Yu Xie. An “*i*-Mobility” Framework for Studying Social Mobility: Individualized Inference via Generative Analysis of Discrete Data. *Under Review*.
2. **Jiawei Huang**, Kanix Wang, & Michael J. Fry. Leveraging Generative AI Models for Textual Analysis in Healthcare Human Resources Operations. *Major Revision*.
3. Hui Guo, **Jiawei Huang**, & Yan Yu. (Mis)Understanding Benign Overfitting in Equity Return Prediction. *Under review*.
4. **Jiawei Huang**, Michael J. Fry, Scott Dust, Sharmeen M. Merchant, & Luciana Zheng Manroop. I Will Pay You Back in the Future: Employees’ On-Job Perceptions of Organizations and Their Intention of Making Post-Turnover Employment Referrals. *Under review*.

## Work in Progress

1. **Jiawei Huang**, Arun Rai, Yanran Liu, Peng Wang, & Zewei Lin. Finite-Sample Variable Prescreening Methods for Qualitative Comparative Analysis.
2. **Jiawei Huang** & Yanran Liu. The Configuration–Regression Nexus: A Systematic Review of Methodological Friction and Integration.

## Industry-Partnered Research

- Ryerson Inc.; HSD Metrics; Drees Homes; ABC Fitness 2022 – 2026

## TEACHING AND MENTORING

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| Instructor of Record | (evaluations on a 5.0 scale) |
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*Católica Lisbon School of Business & Economics*

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|---------------------------------------------|------|
| • Causality and Randomized Experiments (MS) | 2027 |
| • Business Research Methods (MS)            | 2026 |

*University of Cincinnati*

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|-----------------------------------------------------|------------|
| • Probability Models (MS)                           | 2025 (5.0) |
| • Statistical Computing (MS)                        | 2025 (4.6) |
| • Descriptive Analytics and Data Visualization (BS) | 2024 (4.7) |
| • Descriptive Analytics and Data Visualization (BS) | 2022 (4.4) |

## Research Mentoring

- Discussant, MS dissertation defenses, University of Cincinnati (multiple cohorts).
- Second reader, MSBA capstone projects, University of Cincinnati (multiple cohorts).
- Mentor, UC Center for Business Analytics: supervised two undergraduate (Business Analytics) and two master's (Computer Science) students on industry projects with Drees Homes and ABC Fitness.

## CONFERENCE PRESENTATIONS

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### An “i-Mobility” Framework for Studying Social Mobility

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|----------------------------------------------------------------------------|---------|
| • INFORMS Annual Meeting, Atlanta, GA (DMDA Workshop, refereed full paper) | 10/2025 |
| • Invited Session, Joint Statistical Meetings, Nashville, TN               | 08/2025 |
| • KY-ASA Meeting, Lexington, KY (Best Student Paper Award)                 | 04/2025 |
| • Contributed Session, Joint Statistical Meetings, Toronto, Canada         | 08/2023 |
| • Refereed Session, SDSS, St. Louis, MO                                    | 05/2023 |

### (Mis)Understanding Benign Overfitting in Equity Return Prediction

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|-----------------------------------------------------------------------|---------|
| • Invited Session, IMS–ICSIDS, Seville, Spain (presented by coauthor) | 12/2025 |
| • Refereed Session, SDSS, Salt Lake City, UT                          | 05/2025 |

## **Gender Moderating Effects in Registered Nurses' Turnover**

- Invited Session, POMS Annual Conference, Minneapolis, MN 04/2024

## **Manifold Learning Applications in Single-Cell Multimodal Data**

- Contributed Poster, SDSS, Pittsburgh, PA 06/2022

## **GRANTS, FELLOWSHIPS, AND AWARDS**

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### **Grants and Fellowships**

- Research Fellowship, UC Center for Business Analytics (USD 7,800) 2022 – 2023
- Graduate Student Government Research Fellowship (USD 1,700) 2023
- Waisman Center Research Fellowship (USD 4,000) 2021
- Siddall Fund and GSG Travel Awards (USD 6,000 total) 2021 – 2025

### **Honors and Awards**

- Best Student Paper Award, KY-ASA Meeting 2025
- Student and Early-Career Award, SDSS 2023, 2025

## **SERVICE AND AFFILIATIONS**

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### **Peer Review**

- Journals: *Journal of the American Statistical Association*; *Statistical Papers*
- Conferences: INFORMS Workshop on Data Science 2026
- Invited Discussant, International Risk Conference (MRS), Boston, MA 2025

### **Institutional Service**

- Westerbeck Junior Faculty Teaching Award Committee, University of Cincinnati 2026
- President, INFORMS Student Chapter, University of Cincinnati 2024 – 2026
- President, ASA Student Chapter, University of Cincinnati 2025 – 2026
- Treasurer, Lindner Graduate Student Association, University of Cincinnati 2024 – 2026