## ZHU Ziyue

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**Phone**: +31 88 3886649 **Website**: //zhuziyue.com

Research Interests Labor Economics, Education Economics, Machine Learning and Econometrics

Education PhD Candidate in Economics, Maastricht University Sep 2023 – Present

Dissertation: Skill mismatch between education and labour market Supervisors: Didier Fouarge, Barbara Belfi, Melline Somers

Master of Statistics and Data Science (cum laude), KU Leuven Sep 2019 – Sep 2022

Thesis: mixrandregret: A command for fitting mixed random regret minimization models using

Stata (Command Code)

Master of Economics and Finance, Barcelona School of Economics Aug 2018 – Jul 2019

Thesis: Evolution of Cooperation in Multi-level Public Goods Game with Mobility

**Bachelor of Economics**, Wuhan University, China Sep 2014 – Jun 2018

Short-term Education Chinese Young Economist Society Summer School August 2023

Non-EU Exchange Business (with scholarship), University College Dublin Fall semester 2016

Working Paper Fitting mixed logit random regret minimization models using maximum simulated likelihood.

Minor Revision & Resubmit at the Stata Journal (with Alvaro A. Gutiérrez-Vargas and Martina Van-

debroek) [arXiv:2301.01091]

Triglyceride-glucose index (TyG index) is associated with a higher risk of colorectal adenoma and

multiple adenomas in asymptomatic subjects.

Submitted to Frontiers in Medicine (with TYT Lam, RSY Tang, SH Wong, RNS Lui, SSM Ng, SYS

Wong, JJY Sung)

Work in Progress Adult children's education and patterns of family support in China.

Work in Progress (with Guo Rufei and Lin Lin)

Publication Selected Publications

**Other Publications** 

Team-based approach to reduce malignancies in people with diabetes and obesity. 2023

Current Diabetes Reports (with SYS Wong, JJY Sung, TYT Lam) [Link]

Conference International Conference on AI in Medicine 2023: Singapore.

Digestive Disease Week 2023: Chicago, IL. Poster 1, Poster 2, Poster 3

mixrandregret at Stata Conference 2022: London, the UK (presented by coauthor). URL

Honors and the Third Class Scholarship (Wuhan University) 2016 Scholarships Exchange Scholarship at University College Dublin (Wuhan University) 2016

the Secondary Class Freshman Scholarship (Wuhan University) 2014

Research Assistant Stockholm School of Economics Remote, Part-time

Supervisor: Zhang Ye Jul 2022 – Aug 2023

Project: Behavioral Finance, Experimental Economics

## **Big Data Decision Analytics Research Centre**

**Chinese University of Hong Kong** 

Hong Kong SAR, Full-time

Jul 2022 - Jul 2023

Supervisor: Thomas Tuen Tung Lam

Projects: AI for Gastrointestinal, AI Voice, Multi-cancer Screening Program

**Wuhan University** 

Remote, Part-time

Supervisors: Guo Rufei and Lin Lin

Jul 2019 - Dec 2021

Project: Inter-generational Support and Children's Education

Teaching Experience

**Wuhan University** 

Spring semester 2018

Teaching Assistant, Course Instructor: Guo Rufei Data Statistics Analysis Method (17003351) Data Statistics Analysis Practice (17003955)

Industry experience

**Optics Valley Institute of Innovation & Development** 

Wuhan, China

Paris, France

Trainee Analyst

Mar 2022 - Apr 2022

Projects: Industrial Organization research reports for local governments; Research on High-tech

zones in Hubei Province.

Organisation for Economic Co-operation and Development (OECD)

**Development Center** External Consultant Social Protection Team Trainee

Jul 2020 - Jan 2021 Jan 2020 - Jun 2020

Project: Key Indicators of Informality based on Individuals and their Household

Skills

**Programming Languages** 

Proficient in: Stata (and Mata), R (Traditional Statistics and Machine Learning, Text Mining), and

Python (Machine Learning, Text Mining, Audio Data Analysis, CNN, Web Scrapping)

Familiar with: MATLAB (Deep Learning), SAS (Certificated: SAS 9.4 Base Programming), SPSS,

OpenBUGS, LEM.

Other Software

Familiar with: NetLogo, Neo4j, Geophi

Certificated with Bloomberg Market Concepts (BMC)

Document preparation systems: LATEX, R Markdown, Excel, PowerPoint, Word

Other Education

Coursera: Behavioral Finance; Economic Growth and Distributive Justice Part I & II

Languages

Native: Mandarin; Work Sufficient: English; Basic: Spanish (CEFR A2), French (A1)

Other Interests

Chinese seal carving, Chinese calligraphy, Fitness, Science Fiction, Detective Fiction