

ZHU Ziyue

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Research Interests	Labor Economics, Education Economics, Machine Learning and Econometrics	
Education	PhD Candidate in Economics , Maastricht University Dissertation: Skill mismatch between education and labour market Supervisors: Didier Fouarge, Barbara Belfi, Melline Somers	Sep 2023 – Present
	Master of Statistics and Data Science (cum laude), KU Leuven Thesis: <i>mixrandregret</i> : A command for fitting mixed random regret minimization models using Stata (Command Code)	Sep 2019 – Sep 2022
	Master of Economics and Finance , Barcelona School of Economics Thesis: Evolution of Cooperation in Multi-level Public Goods Game with Mobility	Aug 2018 – Jul 2019
	Bachelor of Economics , Wuhan University, China	Sep 2014 – Jun 2018
Short-term Education	Chinese Young Economist Society Summer School Non-EU Exchange Business (with scholarship), University College Dublin	August 2023 Fall semester 2016
Working Paper	Fitting mixed logit random regret minimization models using maximum simulated likelihood. <i>Minor Revision & Resubmit at the Stata Journal</i> (with Alvaro Á. Gutiérrez-Vargas and Martina Vandebroek) [arXiv:2301.01091]	
	Triglyceride-glucose index (TyG index) is associated with a higher risk of colorectal adenoma and multiple adenomas in asymptomatic subjects. <i>Submitted to Frontiers in Medicine</i> (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. <i>Work in Progress</i> (with Guo Rufeï and Lin Lin)	
Publication	Selected Publications Other Publications Team-based approach to reduce malignancies in people with diabetes and obesity. <i>Current Diabetes Reports</i> (with SYS Wong, JJY Sung, TYT Lam) [Link]	2023
Conference	International Conference on AI in Medicine 2023: Singapore. Digestive Disease Week 2023: Chicago, IL. Poster 1 , Poster 2 , Poster 3 <i>mixrandregret</i> at Stata Conference 2022: London, the UK (presented by coauthor). URL	
Honors and Scholarships	the Third Class Scholarship (Wuhan University) Exchange Scholarship at University College Dublin (Wuhan University) the Secondary Class Freshman Scholarship (Wuhan University)	2016 2016 2014
Research Assistant	Stockholm School of Economics Supervisor: Zhang Ye Project: Behavioral Finance, Experimental Economics	Remote, Part-time Jul 2022 – Aug 2023

	<p>Big Data Decision Analytics Research Centre Chinese University of Hong Kong Supervisor: Thomas Tuen Tung Lam Projects: AI for Gastrointestinal, AI Voice, Multi-cancer Screening Program</p>	<p>Hong Kong SAR, Full-time Jul 2022 – Jul 2023</p>
	<p>Wuhan University Supervisors: Guo Rufei and Lin Lin Project: Inter-generational Support and Children’s Education</p>	<p>Remote, Part-time Jul 2019 – Dec 2021</p>
Teaching Experience	<p>Wuhan University Teaching Assistant, Course Instructor: Guo Rufei Data Statistics Analysis Method (17003351) Data Statistics Analysis Practice (17003955)</p>	<p>Spring semester 2018</p>
Industry experience	<p>Optics Valley Institute of Innovation & Development <i>Trainee Analyst</i> Projects: Industrial Organization research reports for local governments; Research on High-tech zones in Hubei Province.</p>	<p>Wuhan, China Mar 2022 – Apr 2022</p>
	<p>Organisation for Economic Co-operation and Development (OECD) Development Center <i>External Consultant</i> <i>Social Protection Team Trainee</i> Project: Key Indicators of Informality based on Individuals and their Household</p>	<p>Paris, France Jul 2020 – Jan 2021 Jan 2020 – Jun 2020</p>
Skills	<p>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.</p> <p>Other Software Familiar with: NetLogo, Neo4j, Geophi Certificated with Bloomberg Market Concepts (BMC) Document preparation systems: \LaTeX, R Markdown, Excel, PowerPoint, Word</p>	
Other Education	<p>Coursera: Behavioral Finance; Economic Growth and Distributive Justice Part I & II</p>	
Languages	<p>Native: Mandarin; Work Sufficient: English; Basic: Spanish (CEFR A2), French (A1)</p>	
Other Interests	<p>Chinese seal carving, Chinese calligraphy, Fitness, Science Fiction, Detective Fiction</p>	