Huaxin Wang-Lu

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FIELDS OF CONCENTRATION

Applied Microeconomics; Development Economics

EDUCATION

IQS School of Management | Universitat Ramon Llull Barcelona, Spain

- Ph.D. in *Business and Territorial Competitiveness, Innovation and Sustainability* 10/2020–present
  – Dissertation Title: Three Essays on Human Development and Mobility in China
  – Affiliation: Social Economics & Ethics Group

Universität Konstanz Konstanz, Germany

- M.Sc. in Economics 10/2016–03/2019

Shanghai Lixin University of Accounting & Finance Shanghai, China

- B.Sc. in Insurance 09/2012–06/2016

VISITING POSITIONS

Research stay, Heidelberg University | Host by Prof. Simiao Chen 10/2022–12/2022

Erasmus+, University of Essex Fall 2018

ACADEMIC EXPERIENCE

IQS School of Management | Universitat Ramon Llull Barcelona, Spain

Research Assistant 09/2020–present

- Researched Chinese labor migration and child development for the Horizon 2020 CHINEQUALJUS-TICE project.
  ◇ Created a unique quasi-panel, synthesized virtues of prospect theory and dynamic discrete choice models, drew empirical specifications with theoretical micro-foundations, examined the effects of sector-based job prospects on individual migration decisions across approx. 280 Chinese cities and applied *fixed effects, multilevel logistic regression and two-step system GMM*.

◇ Assembled a panel, constructed novel indicators on the basis of the Human Development Index and Capability Approach and assessed the academic development of Chinese children and adolescents with *fixed effects, linear mixed-effect and sharp RD estimators.*

◇ Identified human mobility trajectories of 369 Chinese citie using Phillips and Sul's club convergence algorithm, drew multifaceted comparisons with both static and interactive maps and developed a R Shiny application to load interactive maps and widgets.

– Authored two articles with Dr. Octasiano M. Valerio Mendoza and Dr. Flavio Comim.

– Developed three research projects in collaboration with Dr. Simiao Chen, Dr. Mihály Tamás Borsi, and Dr. Jack W. Hou, respectively.

IQS School of Management | Universitat Ramon Llull   Barcelona, Spain

Teaching Assistant   02/2022–07/2022

– Trained, taught and graded 3rd-year double-degree undergraduate students in Econometrics and Forecasting, and proctored their exams.

– Trained and graded 1st-year undergraduate students in Applied Mathematics, and proctored their exams.

– A teaching load of 10 hours per week is scheduled for the next semester.

WORKING PAPERS

<u>First Authored:</u>

1. **Job Prospects and Labour Mobility in China**, with Octasiano M. Valerio Mendoza [First Draft: March 2022]

  – Revise & Resubmit at the Journal of International Trade & Economic Development (JCR Q2, accept. rate: 10%)

Short Abstract: Chinese migration research with a forward-looking perspective and on bilateral longitudinal determinants at the prefecture city level is almost non-existent. This paper investigates the effects of sector-based job prospects on individual migration decisions across prefecture boundaries. We created a proxy variable for job prospects, compiled a unique quasi-panel of 66,427 individuals from 283 cities during 1997–2017, introduced reference-dependence to the random utility maximisation model of migration in a sequential setting, derived empirical specifications with theoretical micro-foundations, and applied various monadic and dyadic fixed effects to address multilateral resistance to migration. Multilevel logit models and two-step system GMM estimation were adopted for the robustness check. Our primary findings are that a 10% increase in the ratio of sector-based job prospects at destination to at origin raises migratory probabilities by 1.281–2.185 percentage points, and the effects tend to be stronger when the scale of the ratio is larger. Our results suggest that the ongoing industrial reform in China influences labour mobility between cities.

2. **Valuing Children in China: Parents' Perceptions, Spending Priorities and Children's Capabilities**, with Flavio Comim and Octasiano M. Valerio Mendoza [First Draft: May 2022]

Short Abstract: This paper provides a composite analysis of children's academic development based on comprehensive outcomes and introduces a series of innovative indicators rooted in the capability approach. Significantly, it presents an index of parents' advantages to capture how parents influence their children and establishes a new indicator of spending priorities to reify the value of children's education that families have reasoned. The study sample consists of 8,422 children and adolescents surveyed during 2012 to 2018. Our results primarily show that a 1% increase in the parent advantage index yields an increase of 13.85% to 21.31% in children's academic development, and the biggest leap in prioritizing education-relevant spending increases the child outcomes by 2.88% to 6.57%. Further, if the interplay of parent's higher educational attainment and spending priorities is taken into account, children's academic development could reach a maximum difference of 21.96%. We conclude that parents can influence the development of their children through their beings and doings and, particularly, the value they place on their children's education, that go beyond a limited focus on material dimensions.

<u>Single Authored:</u>

1. **Bitcoin Returns and Public Attention to COVID-19: Do Timing and Individualism Matter?**

WORK IN PROGRESS

<u>First Authored:</u>

1. **Human Mobility Dynamics in China Surrounding the COVID-19 Pandemic**, with Mihály Tamás Borsi and Octasiano M. Valerio Mendoza

2. **Mobility Externalities in Post-Pandemic China: To Be or Not To Be? Vaccine Hesitancy and Uptake Decisions**, with Octasiano M. Valerio Mendoza and Simiao Chen

The working title of the third project is pending.

FUNDED PROJECTS

CHINEQUALJUSTICE 2020–2022

Marie Skłodowska-Curie Actions | Grant ID: 838534 (PI: Dr. Octasiano M. Valerio Mendoza)

– Type of Participation: Research Assistant.

– Amount: €172,932.48.

Identifying Opportunities in the Future Chinese Consumer Market 2020–2022

Spanish Ministry of Science, Innovation and Universities | Grant ID: EIN2019-102931 (PI: Dr. Octasiano M. Valerio Mendoza)

– Type of Participation: Researcher.

– Amount: €23,880.

CONFERENCES AND SEMINARS

Presentations at Conferences & Workshops

2022: 1st International Workshop on the Chinese Development Model; 15th RGS Doctoral Conference in Economics

2021: 46th Symposium of the Spanish Economic Association (SAEe); 13th Chinese Economic Association & 32nd CEA UK Annual Conference; Inequality Conference, International Centre for Economic Analysis; 9th International Conference on Applied Research in Economics and Finance; The Chinese Economists Society 2021 Annual Conference

Presentations at Seminars
Research Group Seminar, Social Economics & Ethics, IQS SM; [invited speaker] Research Seminar, AQR-IREA, University of Barcelona; Research Seminar, IQS SM; Journal Club Seminar, Deusto Business School

OTHER EXPERIENCE

Summer School: Axel Leijonhufvud – Advanced School 2022
Organizing Committee: 1st International Workshop on the Chinese Development Model
Writings: "Should you prolong your predoc life?". In: INOMICS.
Non-Academic Work:

YITU Technology   Shanghai, China
Data Analyst   04/2019–12/2019

– Operated databases, prepared SQL and Qlik Sense scripts for business analyses, visualized data with interactive dashboards, wrote weekly reports and assisted in product development, etc.

HONOURS AND AWARDS

Research Mobility Grant (4,200€), Societat Econòmica Barcelonesa d'Amics del País	2022
Fellowship for Ph.D. students presenting at SAEe, Fundación Ramón Areces	2021
Three-Year Doctoral Fellowship (tuition waiver & salary), IQS SM	2020
Erasmus+ Grant, Universität Konstanz	2018

SKILLS AND OTHERS

Programming & Software: Stata (used often), LaTeX (used often), SQL (used often), R (less often, complement the use of Stata), Matlab/Octave (basic), Python (basic – learning; complement the use of Stata & R)

Languages: Chinese (native), English (fluent), Spanish (basic)

REFERENCES

Prof. Octasiano M. Valerio Mendoza (advisor)
Department of Quantitative Methods
IQS SM, Universitat Ramon Llull
octasiano.valerio@iqs.url.edu

Prof. Flavio Comim (advisor)
Chair of Ethics and Christian Thought
IQS SM, Universitat Ramon Llull &
Land Economy, University of Cambridge
flavio.comim@iqs.url.edu
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Prof. Marianna Bosch Casabò
Department of Linguistic, Literary, Sciences and
Mathematics Education
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Prof. Mihály Tamás Borsi
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Finance
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