YIANG LI

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EDUCATION

University of Chicago   *September 2022 - Present*
MA Computational Social Science   Current Cumulative GPA: 4.0/4.0
Maroon Scholar ($32.5k scholarship)

University College London (UCL)   *September 2019 - June 2022*
BSc Social Sciences with Data Science   First Class Honours, GPA: 4.0/4.0
Award Winner: *Best Graduate Student - Academic Contribution*

PEER-REVIEWED JOURNAL PUBLICATIONS

[†] indicates authors contributed equally to this work and share first authorship

5. Zhou, X[†]., **Li, Y**[†]., Correa, A., Salustri, F., Skordis, J. (2023) The need for voices from the grassroots in China's public health system. *The Lancet Regional Health - Western Pacific, 31.* https://doi.org/10.1016/j.lanwpc.2023.100743

4. Zhou, X[†]., **Li, Y**[†]., Zhu, T., & Xu, Y. (2023). Individuals with Long-term Illness, Disability, and Infirmity Smoke More: An Instrumental-Variable Analysis in the UK. *Frontiers in Public Health.* https://doi.org/10.3389/fpubh.2022.1015607
   – Winner *Research Solution Award ($600) & Finalist in 2022 Inter-University Big Data Challenge*

3. Chen, L., **Li, Y.,** & Yang, Q., (2022). The Influence of Grandparenting on the Depression and Life Satisfaction among Mid-Aged and Older Chinese Adults. *Int. J. Environ. Res. Public Health, 19*(17). https://doi.org/10.3390/ijerph191710790

2. **Li, Y.**, Zhou, X., Zhu, T., & Guo, X. (2022). Racial Hate Crime and COVID-19: A Multinomial-choice Study in the US. *UCL Journal of Economics, 1*(1), p.24-31. https://doi.org/10.14324/111.444.2755-0877.1403
   – Winner"Most Popular Paper" & "Best 10 Submissions of Research Paper", 2022 UCL Department of Economics Research Conference*

1. Zhou, X[†]., & **Li, Y**[†]. (2022). Forecasting the COVID-19 vaccine uptake rate: an infodemiological study in the US. *Human Vaccines and Immunotherapeutics, 18*(1). https://doi.org/10.1080/21645515.2021.2017216
   – Winner *Finalist in 2021 STEM Fellowship Undergraduate Big Data Challenge*

WORK IN PROGRESS

5. **Li, Y.**, Waite, L., Laumann, E., (2023) Obesity has different implications for sexuality of older men vs women: Evidence from the NSHAP

4. Hossain, M., Zang, E., **Li, Y.**, (2023) The intergenerational influence of contextual and individual social mobility on health

3. **Li, Y.**, Lv, Z. (2023). Predicting 10-year Mortality: Evidence from the NSHAP

2. Li, M., **Li, Y.** (2023). Cognitive Impairment and Social Participation: A Dyadic Analysis of Older Couples

1. **Li, Y.**, Zhou, X. (2023). The local political control behind education policies: Evidence from teacher pay decentralization reform in England Local Education Authorities. *Social Policy & Administration*, Under Review

SELECTED PRESENTATIONS AND CONFERENCES

4. Obesity has different implications for sexuality of older men vs women: Evidence from the NSHAP
   - Demography Workshop, University of Chicago, Chicago, Feb 2023

3. Individuals with Long-term Illness, Disability, and Infirmity Smoke More: An Instrumental-Variable Analysis in the UK
   - STEM Fellowship The Sustainability of Health Economics, Toronto (remote), July 2022

2. Racial Hate Crime and COVID-19: A Multinomial-choice Study in the US
   - 2022 UCL Department of Economics Research Conference, London, June 2022

1. Predicting Vaccine Uptake Rate Using Machine Learning: An infodemiological Study in the United States
   - STEM Fellowship Infodemiology for the Future of Digital Public Health, Toronto, July 2021

DATA ANALYSIS SKILLS

Programming Languages	R, Python, SQL, Stata
Python Packages	Numpy, Pandas, Scikit-learn, Matplotlib, BeautifulSoup, SQLite3, re, Seaborn, Jellyfish, RecordLinkage
Software & Tools	LaTeX, MixPanel, Segment, Excel, Final Cut Pro, Canva

RESEARCH EXPERIENCE

National Opinion Research Center (NORC)   Chicago, United States
Graduate Research Assistant II   *Sept 2022 - Present*

· Research assistant to Prof Linda Waite and Prof Edward Laumann on National Social Life, Health, and Aging Project (NSHAP) and Health and Retirement Study (HRS) using Python and Stata

Yale University   Remote
Research Assistant   *May 2022 - Present*

· Research assistant to Dr. Emma Zang on Panel Study of Income Dynamics (PSID) using R and Stata

UCL Social Research Institute   London, United Kingdom
Research Assistant   *March 2021 - May 2022*

· Research assistant to Dr. Hedvig Horvath and Dr. Bilal Nasim for multilevel causal inference, data analysis, quantitative text analysis, spatial mapping, and visualization using R

INDUSTRY EXPERIENCE

Oxwash   London, United Kingdom
Intern Data Engineer   *May 2022 — Sep 2022*

· Built automating data pipelines using Python, Airflow, and Segment to centralize the storage of over 100,000 data points in database and democratize the data visualization on MixPanel
· Used R and Python to collect, process, visualize, and analyze both over 60,000 customer-facing data; and internally-used operation data for improving sustainability, marketing, and operational decision-making.
· Independently created quantitative reports and presentations that translate visualizations and insights into critical takeaways for company strategy and execution

Ipsos Group   Beijing, China
Intern Quantitative Researcher   *Apr 2021 — Jul 2021*

· Designed large-scale surveys of over 10,000 respondents and conducted quality assurance (QA)
· Performed data analyses and data visualization using R, SQL, and Excel to draft quantitative reports
· Communicated data-driven recommendations for business decision makings and product refinements