Yung-Yu Tsai

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EDUCATION

National Chengchi University — Taipei, Taiwan
Master in Public Administration — Sep. 2017 - Jun. 2019

- GPA: 4.3/4.3
- Thesis: "The Effect of Instructional Expenditure on College Graduates' Employment and Earnings"
  Passed with A^+ by oral defense committee.

National Taiwan University — Taipei, Taiwan
Bachelor of Arts in Political Science — Sep. 2011 - Jun. 2015

- GPA: 3.8/4.3

RESEARCH INTEREST

Policy Analysis, Program Evaluation, Education Policy, Social Policy, Health Policy, Labor Policy

RESEARCH EXPERIENCE

Institute of Economics, Academia Sinica — Taipei, Taiwan
Research Assistant (full-time) — Aug. 2019 - present

- Used DID combined with event study methods to investigate the effects of income and wealth shock on individuals' marriage, labor supply, and fertility decisions from taxation administration record data.
- Combined taxation data and health insurance data to estimate the life expectancy in different places in Taiwan and of different income/wealth percentile.
- Estimated commercial and industry-production activities by utilizing satellite-observed nighttime lights data using spatial analysis.
- Used RD design to estimate the effect of unemployment insurance premiums on health outcomes from administration health insurance data with employment insurance data.

Taiwan Studies Center, National Chengchi University — Taipei, Taiwan
Research Assistant (part-time) — Jul. 2017 - Jul. 2019

- Used taxation administration record data to analyze the difference in income distribution between government employee and private sectors employee.
- Employed the income capitalization method to estimate house loan debt of each individual from taxation data and bank open data.
- Investigated national health insurance data and annual income record data to estimate employment stability and change in monthly wage.

PROFESSIONAL EXPERIENCE

New Future Think Tank Association — Taipei, Taiwan
Director — Jul. 2016 - Jun. 2017

- Analyzed public policies and provide policy suggestions.
- Held training camps of young empowerment for encouraging participation in public affairs.

Office of Legislator Chiao-Hui Su, The Legislative Yuan (Congress) — Taipei, Taiwan
Policy Analysis Assistant — Feb. 2016 - Jun. 2017

- Evaluated and analyzed policy and budget. Drew 9 proposals of bills (regarding education, social welfare, and public finance), with 3 have passed.
- Held public hearings and press conferences. Arranged meetings between the government and interest groups.

Campaign Office of Legislator Candidate Chiao-Hui Su — New Taipei City, Taiwan
Assistant, Department of Policy, Word Processing & Media Relationship — Jul. 2015 - Jan. 2016

- Evaluated and analyzed policy and local issues. Managed public image of the candidate on social media.

TEACHING EXPERIENCE

Fundamental Statistics for Public Administration   National Chengchi University
Teaching Assistant   2019 Spring

- Instructor: Dr. Pin-Yu Chu, Department of Public Administration, National Chengchi University
- Required course for undergraduate students. Taught and demoed statistics software in the class.
- Awarded as the Outstanding Teaching Assistant (Selected as one of the 13 awardees from 98 TAs).

Introduction to Statistics   National Chengchi University
Teaching Assistant   2018 Fall

- Instructor: Dr. Hsiang-Kai Dong, Department of Public Administration, National Chengchi University
- Elective course for Master's students. Provided one hour TA session weekly.

PUBLICATION

Yung-Yu Tsai (2018). "Which Fairness could Arm's Length Principle Bring? The Evidence from Art Funding of MOC and NCAF." *Journal of Youth & Public Governance, 1.* (in Chinese)

WORKING PAPER

Yung-Yu Tsai (2019). "The Effect of Instructional Expenditure on College Graduates' Earnings: Evidence from Taiwan's Plan to Encourage Teaching Excellence in Universities." [available at: http://yungyu.nctu.me/expenditure_earnings.pdf]

Hsing-Wen Han, Kuang-Ta Lo, Yung-Yu Tsai, and Tzu-Ting Yang (2019). "Do People Have Children When They Become Rich? Evidence from Lottery Winners in Taiwan." [available at: http://yungyu.nctu.me/lottery_children.pdf]

PRENSENTATION

Hsing-Wen Han, Hsuan-Hua Huang, Kuang-Ta Lo, Yung-Yu Tsai, and Tzu-Ting Yang (2019). "Behavioral Responses to Windfall Gain: Evidence from Taiwanese Lottery Winners." Paper presented in *The 2019 Taiwan Economics Research Workshop*, Taipei: Institute of Economics, Academia Sinica, Aug. 2019.

Yung-Yu Tsai (2018). "Do You Remember? Proxy Bias and Recall Bias in Social Mobility Studies: Evidence from TEPS and TEPS-B." Paper presented in *The 2018 Conference on Survey Research Methodology*, Taipei: Center for Survey Research, Academia Sinica, Oct. 2018.

Yung-Yu Tsai (2018). "Combining Government Procurement and Public-Private Partnerships: Case Study of Taipei WiFi Alliance." Paper presented in *The 2018 International Conference of the Taiwan Association for Schools of Public Administration and Affairs*, Taipei: TASPAA, Jun. 2018.

Yung-Yu Tsai (2018). "Which Fairness could Arm's Length Principle Bring? The Evidence from Art Funding of MOC and NCAF." Paper presented in *The Union Conference on Administration Management of Seven Universities*, Taichung: Department of Public Management and Policy, Tunghai University, May. 2018.

EXTRA COURSES AND TRAINING

Microeconomics Principles (Certification on Coursera) [http://coursera.org/verify/CNTRH94HFZRS]   Online
University of Illinois at Urbana-Champaign   Oct. 2019 - Nov. 2019

Introduction to Calculus (Certification on Coursera) [http://coursera.org/verify/CA6S7HP7RKX5]   Online
The University of Sydney   Aug. 2019 - Oct. 2019

Institute of Political Methodology Statistic Summer Seminars   Taipei, Taiwan
Institute of Political Science, Academia Sinica   Jul. 2019

- Awarded scholarship for final presentation (Selected as one of the five awardees from 21 participants).

Causal Inferences Camp   Taipei, Taiwan
Department of Accounting, National Taiwan University   Jun. 2018

LANGUAGE AND SKILLS

Data analytics	R (expert), Stata (expert), SPSS (expert), QGIS (advanced), Lisrel (intermediate), Amos (intermediate), SmartPLS (intermediate)
Programming	Latex (expert), HTML5 (intermediate), Flash (intermediate)
Languages	Mandarin (native), English (proficient; TOEFL: 108/120; GRE: 323/340)