

TA-CHENG HUANG

National University of Singapore

Global Asia Institute

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🌐 [tchuang5.github.io](https://github.com/tchuang5)

ACADEMIC POSITIONS

Research Assistant Professor, *Global Asia Institute, National University of Singapore* August 2018 –
Lecturer, *Department of Finance and Economics, Texas State University* January 2017 – May 2018

EDUCATION

Ph. D. in Economics, *Texas A&M University* May 2018
M. A. in Mathematics and Statistics, *Boston University* September 2011
M. A. in Economics, *National Taiwan University* June 2007
B. A. in Political Science with a minor in Economics, *National Taiwan University* June 2004

RESEARCH

Publications

- [1] Hsu, Yu-Chin, Ta-Cheng Huang, and Haiqing Xu (2022): “Testing for unobserved heterogeneous treatment effects with observational data,” *Econometric Theory*, forthcoming.
- [2] Huang, Ta-Cheng, Hongjun Li, and Zheng Li (2020): “A modified bootstrap of kernel-based specification test with heavy-tailed data,” *Economics Letters*, 189, 108986. [DOI](#)
- [3] Crespo, Pablo, and Ta-Cheng Huang (2018): “Implied volatility estimation via ℓ_1 trend filtering,” *The Journal of Derivatives*, 26(1), pp. 45-66. [DOI](#)
- [4] Chen, Xirong, Ta-Cheng Huang, and Qi Li (2017): “An alternative bandwidth selection method for estimating functional coefficient models,” *Economics Letters*, 156, pp. 27-31. [DOI](#)

Working Papers

- [1] “Causal effects for co-integrated non-stationary series: An augmented synthetic control approach,” with Pablo Crespo. *Submitted*
- [2] “Nonparametric tests for treatment effect heterogeneity under Regression Kink design,” with Fanghua Li.
- [3] “Heterogeneous impacts of cash transfers on employment and earnings in developing regions,” with Fanghua Li, and Moshe Buchinsky. *Under Revision for Resubmission.*

Work in Progress

- [1] “Nonparametric tests for monotonicity in treatment effect under Regression Kink design.”
- [2] “The Effect of Activities-based Subsidy on Body Fat Loss: A Field Experiment Study,” with Noah Lim, Andrea Park, and Kegan Tan. [Pre-registration.](#)
- [3] “The Effect of Small Goals on Body Fat Loss: A Field Experiment Study,” with Alessandro Del Ponte, Noah Lim, and Aidas Masiliunas. [Pre-registration](#)
- [4] “Helping Weaker Sales Agents via Temporary Transfers: A Field Experiment Study,” with Hua Chen and Noah Lim.
- [5] “The Social Influence of Weaker Peers,” with Dayoung Kim and Noah Lim.
- [6] “The Effect of Permanent Employment Contract,” with Noah Lim and Diego Salazar.

TEACHING

Independent Instructor*National University of Singapore*

Python for Economists

*Fall 2022 (Scheduled)**Texas State University*

Money and Banking

Spring 2018, Fall 2017

Principle of Macroeconomics

Spring 2018

Principle of Microeconomics

Fall 2017, Spring 2017

Intermediate Macroeconomics

*Spring 2017**Texas A&M University*

Financial Economics

Fall 2016, Fall 2015

Macroeconomic Theory

*Spring 2016***Teaching Assistant** *Responsible for teaching weekly (or daily in summer) review sessions.*Texas A&M University*

Summer Math-Stat Boot Camp (PhD)

2017, 2016, 2015, 2014

Introduction to Econometrics

Spring 2014

Econometrics (PhD)

*Spring 2013, Fall 2012***HONORS, AWARDS, AND GRANTS**

TeachingOutstanding Graduate Student Course Instructor, *Texas A&M University**Fall 2016, Fall 2015***Research**The Effect of Activities-based Subsidy on Body Fat Loss. Co-PI. NUS Initiative to Improve Health in Asia. S\$219,060. *April 2021*The Effect of Small Wins on Body Fat Loss. Co-PI. NUS Initiative to Improve Health in Asia. S\$80,890. *December 2020*Pilot Study: The Effect of Activities-based Subsidy on Body Fat Loss. Co-PI. NUS Initiative to Improve Health in Asia. S\$73,000. *October 2019*The Lynde and Harry Bradley Fellowship, Private Enterprise Research Center, *Texas A&M University.* *Spring 2015, Fall 2014*Competitive Scholarship, *Texas A&M University.* *Summer 2014*Margarette Harrell Webber Scholarship, Private Enterprise Research Center, *Texas A&M University.* *Summer 2013*

Others

Travel Grant, <i>National University of Singapore</i>	<i>August 2018</i>
Travel Grant, <i>Texas State University</i>	<i>January 2018</i>
Graduate Assistantship, <i>Texas A&M University</i>	<i>Fall 2015 – Fall 2016, Fall 2012 – Spring 2014</i>

PROFESSIONAL ACTIVITIES

Presentations

2022 Nanyang Technological University
2019 Taiwan Econometrics Society Annual Meeting, 28th Annual Meeting of the Midwest Econometrics Group
2018 Texas State University, 27th Annual Meeting of the Midwest Econometrics Group
2017 Emporia State University

Disciplinary Services

Reviewer for *Journal of Econometrics* (2)

Department Services

<i>Texas A&M University</i>	
Graduate Student Representative	<i>Spring 2016, Fall 2015</i>
Graduate Student Coordinator of the 8 th ASHE conference	<i>October 2014</i>
Graduate Student Coordinator of Texas Theory Camp 2013	<i>September 2013</i>

PROGRAMMING SKILLS

Matlab, R, Python, Julia, and Stata

Last updated in April 2022