

# TA-CHENG HUANG

National University of Singapore  
Global Asia Institute  
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🌐 [tchuang5.github.io](https://github.com/tchuang5)

## ACADEMIC POSITIONS

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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

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Ph. D. in Economics, *Texas A&M University* May 2018

## RESEARCH

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### Research Interests

Microeconometrics, Econometric Theory, Applied Econometrics, Field Experiments.

### Publications

- [3] Huang, Ta-Cheng, Hongjun Li, and Zheng Li (2020): "A modified bootstrap of kernel-based specification test with heavy-tailed data," *Economics Letters*, forthcoming. [DOI](#)
- [2] Crespo, Pablo, and Ta-Cheng Huang (2018): "Implied volatility estimation via  $\ell_1$  trend filtering," *The Journal of Derivatives*, 26(1), pp. 45-66. [DOI](#)
- [1] 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

- [2] "Testing for unobserved heterogeneous treatment effects with observational data," with Yu-Chin Hsu and Haiqing Xu. *Under Revision for Resubmission at Econometric Theory*.
- [1] "Causal effects for co-integrated non-stationary series: An augmented synthetic control approach," with Pablo Crespo.

### Work in Progress

- [4] "Nonparametric tests for treatment effect heterogeneity under Regression Kink design."
- [3] "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 Keron Tan.
- [1] "Helping Weaker Sales Agents via Temporary Transfers: A Field Experiment Study," with Hua Chen and Noah Lim.

## TEACHING

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### *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

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### Research

The Lynde and Harry Bradley Fellowship, Private Enterprise Research Center, <i>Texas A&amp;M University</i>	Spring 2015, Fall 2014
Competitive Scholarship, <i>Texas A&amp;M University</i>	Summer 2014
Margarette Harrell Webber Scholarship, Private Enterprise Research Center, <i>Texas A&amp;M University</i>	Summer 2013

### Teaching

Outstanding Graduate Student Course Instructor, <i>Texas A&amp;M University</i>	Fall 2016, Fall 2015
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### Others

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

## PROFESSIONAL ACTIVITIES

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## **Presentations**

2018 Texas State University, 27th Annual Meeting of the Midwest Econometrics Group

2017 Emporia State University

## **Disciplinary Services**

Referee for *Journal of Econometrics* (2)

## **Department Services**

*Texas A&M University*

Graduate Student Representative

*Spring 2016, Fall 2015*

Graduate Student Coordinator of the 8<sup>th</sup> ASHE conference

*October 2014*

Graduate Student Coordinator of Texas Theory Camp 2013

*September 2013*

## **PROGRAMMING SKILLS**

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Matlab, R, Stata, Julia, and Python

Last updated in November 2020