

TA-CHENG HUANG

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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

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 ℓ_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. *R&R 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 Kegan Tan.
- [1] "Helping Weaker Sales Agents via Temporary Transfers: A Field Experiment Study," with Hua Chen and Noah Lim.

TEACHING

Texas State University

Money and Banking	<i>Spring 2018, Fall 2017</i>
Principle of Macroeconomics	<i>Spring 2018</i>
Principle of Microeconomics	<i>Fall 2017, Spring 2017</i>
Intermediate Macroeconomics	<i>Spring 2017</i>

Texas A&M University

Financial Economics	<i>Fall 2016, Fall 2015</i>
Macroeconomic Theory	<i>Spring 2016</i>

Teaching Assistant

*Responsible for teaching weekly (or daily in summer) review sessions.

Texas A&M University

Summer Math-Stat Boot Camp (PhD)	<i>2017, 2016, 2015, 2014</i>
Introduction to Econometrics	<i>Spring 2014</i>
Econometrics (PhD)	<i>Spring 2013, Fall 2012</i>

HONORS, AWARDS, AND GRANTS

Research

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

Teaching

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

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

<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, Stata, Julia, and Python

Last updated in November 2020