

Given Name: Takuya (“Tah-Koo-Yah”)

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Education and Employment

University of California, Davis

Associate Professor of Economics

July 2022 –

Assistant Professor of Economics

June 2016 – June 2022

Ph.D. in Economics, Duke University

May 2016

Committee: Federico A. Bugni (chair), V. Joseph Hotz (chair), Shakeeb Khan, and Matthew A. Masten

M.A. in Economics (Statistics Course), University of Tokyo

March 2011

Advisor: Yasuhiro Omori

B.A. in Economics, Keio University

March 2008

Advisor: Hiroaki Osana

Published and Forthcoming Papers

1. “Identification and Inference of Network Formation Games with Misclassified Links,” with Luis E. Candelaria, *Journal of Econometrics*, 235 (2), 862-891, August 2023
2. “Estimation and Inference for Policy Relevant Treatment Effects,” with Yuya Sasaki, *Journal of Econometrics*, 234 (2), 394-450, June 2023
3. “Unconditional Quantile Regression with High-Dimensional Data,” with Yuya Sasaki and Yichong Zhang, *Quantitative Economics*, 13 (3), 955-978, July 2022
4. “Average Treatment Effect Estimates Robust to the ‘Limited Overlap’ Problem: robustate,” with Yuya Sasaki, *Stata Journal*, 22 (2), 344-354, June 2022
5. “Estimation and Inference for Moments of Ratios with Robustness against Large Trimming Bias,” with Yuya Sasaki, *Econometric Theory*, 38 (1), 66-112, February 2022
6. “Instrumental Variable Quantile Regression with Misclassification,” *Econometric Theory*, 37 (1), 169-204, February 2021
7. “Robust Inference in Deconvolution,” with Kengo Kato and Yuya Sasaki, *Quantitative Economics*, 12 (1), 109-142, January 2021 (It supersedes “Inference based on Kotlarski’s Identity.”)
8. “Non-separable Models with High-dimensional Data,” with Liangjun Su and Yichong Zhang, *Journal of Econometrics*, 212 (2), 646-677, October 2019
9. “Inference in Dynamic Discrete Choice Problems under Local Misspecification,” with Federico A. Bugni, *Quantitative Economics*, 10 (1), 67-103, January 2019
10. “Heterogeneous Treatment Effects with Mismeasured Endogenous Treatment,” *Quantitative Economics*, 9 (3), 1335-1370, November 2018

Teaching Experience

University of California, Davis

Instructor for Undergraduate Economics & Business Data Analytics (multiple times)

Instructor for Undergraduate Big Data Analysis, Fall 2018

Instructor for Undergraduate Econometrics (multiple times)

Instructor for Ph.D. Econometrics (multiple times)

Duke University

Instructor for M.A. Time Series Analysis, Summer 2015

TA for M.A. Econometrics (V. Joseph Hotz), Fall 2013

University of Tokyo

TA for Ph.D. Econometrics (Hidehiko Ichimura & Yoshihiro Yajima), Winter 2010

TA for Undergraduate Econometrics (Hidehiko Ichimura & Yoichi Arai), Winter 2009

Conference and Seminar Presentations

2023 (including scheduled): Georgetown, Joe Hotz's Conference, Northwestern, CREST-PSE, Ohio State, Texas A&M, 2022: Yasuhiro Omori's 60th Birthday Conference, Boston College, LMU Munich, Bonn-Mannheim, LSE, UC Santa Cruz, 2021: University of Glasgow, SEA Annual Meeting, USC, Bristol Econometric Study Group, UNC Chapel Hill, Happy Hour Seminar!, Emory, 2020: ES World Congress, UC Davis (Economics), 2019: Triangle Econometrics Conference, SEA Annual Meeting, Penn State, California Econometrics Conference, UC Berkeley, Young Econometricians Conference, University of Tokyo Workshop on Advances in Econometrics, ES Asian Meeting, CeMMAP WISE Conference on Advances in Econometrics, UCLA, Vanderbilt, UC Davis (Statistics), 2018: UW Madison, California Econometrics Conference, IAAE Annual Conference, ES North American Summer Meeting, ES China Meeting, Northwestern, NY Camp Econometrics, University of Bristol, UBC, 2017: UC San Diego, UC Davis Conference on Statistical Methodology in the Social Sciences, ES European Meeting, Shanghai University of Finance and Economics, University of Tokyo Workshop on Advances in Econometrics, IAAE Annual Conference, ES North American Summer Meeting, ES Asian Meeting, UC Berkeley, 2016: Duke, ES European Meeting, ES Asian Meeting, University of Tokyo, ES North American Summer Meeting, 2015: Triangle Econometrics Conference, 2014: Triangle Econometrics Conference

Professional Service

Organizer: Joint Econometrics/Statistics Colloquium at UC Davis (2017), California Econometric Conference (2019 & 2024), NorCal Junior Econometricians' Conference (2023)

Panelist/Discussant: Cowles Foundation Conference (2021), Chamberlain Seminar (2020)

Scientific Committee: Annual Conference of the International Association of Applied Econometrics (2022)

UC Davis Committee: Ph.D. Placement (Fall 2016), Econometrics Seminar Organizer (multiple times), Merit Review (multiple times), Econometrics Reading Group Coordinator (multiple times), Graduate Program (Summer 2018-Spring 2020), Undergraduate Program (Fall 2020-Spring 2021), Travel Awards Review (Fall 2021), Internal Fellowship Review (multiple times), Undergraduate Seminar (Fall 2022- Spring 2023), L&S College Assembly Representative (Fall 2022- Spring 2024),

Ph.D. Thesis Committee: Dakyung Seong (2020, University of Sydney), Geyi Zheng

Honors, Grants, & Fellowships

UC Davis: Thomas Mayer Distinguished Teaching Award, Small Grant in Aid of Research (multiple times), Travel Grant (multiple times)

Duke: Graduate School Summer Research Fellowship (2014), Department Graduate Fellowship (2011)