December 2016

ZHIPENG LIAO

University of California, Los Angeles
Department of Economics
Bunche Hall
Los Angeles, CA 90095

Phone: (310) 794-5427
Fax: (310) 825-9528
Office: 8379 Bunche Hall
Email: zhipeng.liao@econ.ucla.edu

Academic Position

2011 -- present Assistant Professor, University of California, Los Angeles

Education

2012 Ph.D. in Economics, Yale University
2006 M.A. in Economics, Peking University
2002 B.A. in Finance, Beijing Technology and Business University

Research Field

Econometric Theory and Applied Econometrics

Professional Activities

2017 -- present Associate Editor, *Econometric Theory*

Grants, Honors and Awards

2016 -- 2018	National Science Foundation Grant SES - 1628889
2012	Honorable Mention, the Zellner Thesis Award, American Statistical Association
2006 -- 2010	Dissertation Fellowship, Yale University
2010	Carl Arvid Anderson Fellowship, Yale University
2006 -- 2010	University Fellowship, Yale University,
2006 -- 2010	University Summer Fellowship, Yale University
2004	Excellent Student, Peking University
2004	China Economics Research Scholarship, Peking University
2000	Excellent Student, Beijing Technology and Business University
1999	First Prize in the Mathematics Contest, Beijing Technology and Business University
1998 -- 2000	University Scholarship, Beijing Technology and Business University

Publications

1. "Shrinkage Estimation of High-Dimensional Factor Models with Structural Instabilities", (with Xu Cheng and Frank Schorfheide), *Review of Economic Studies*, forthcoming, 2016

2. "Semiparametric Two-Step GMM Estimation with Weakly Dependent Data", (with Xiaohong Chen),

Journal of Econometrics, Vol.189(1), 2015, pp. 163--186

3. "Select the Valid and Relevant Moment Conditions: A One-step Procedure for GMM with Many Moments", (with Xu Cheng), *Journal of Econometrics*, Vol.186 (2), 2015, pp. 443--464

4. "Automated Estimation of Vector Error Correction Models", (with Peter C.B. Phillips), *Econometric Theory,* Vol.31(3), 2015, pp. 581--646

5. "Asymptotic Efficiency of Semiparametric Two-step GMM", (with Daniel Ackerberg, Xiaohong Chen, Jinyong Hahn), *Review of Economic Studies*, Vol.81(3), 2014, pp. 919--943.

6. "Sieve M Inference of Irregular Parameters", (with Xiaohong Chen), *Journal of Econometrics*, Vol.182(1), 2014, pp. 70--86.

7. "Sieve Inference on Possibly Misspecified Semi-nonparametric Time Series Models" (with Xiaohong Chen and Yixiao Sun), *Journal of Econometrics*, Vol.178(3), 2014, pp. 639--658.

8. "Adaptive GMM Shrinkage Estimation with Consistent Moment Selection", *Econometric Theory*, Vol.29, 2013, pp. 1--48.

9. "Series Estimation of Stochastic Processes: Recent Developments and Econometric Applications", (with Peter C.B. Phillips) in A. Ullah, J. Racine and L. Su (eds.) *Handbook of Applied Nonparametric and Semiparametric Econometrics and Statistics*, Oxford University Press, 2013

10. "Asymptotic Properties of Penalized M Estimators with Time Series Observations", (with Xiaohong Chen), in N.R. Swanson and X. Chen (eds.) *Recent Advances and Future Directions in Causality, Prediction, and Specification Analysis: Essays in Honor of Halbert White,* Springer, 2013.

Working Papers

1. "Asymptotic Properties of Nonparametric Two-Step Sieve Estimates", (with Jinyong Hahn and Geert Ridder), revision requested by *Econometric Theory*

2. "Speculators Positions and Exchange Rate Forecasts: Beating the Random Walk Models", (with Aaron Tornell and Young Ju Kim)

3. "On Standard Inference for GMM with Local Identification Failure of Known Forms", (with Ji Hyung Lee), revised for *Econometric Theory*.

4. "Uniform Asymptotic Risk of Averaging GMM Estimator Robust to Misspecification", (with Xu Cheng and Ruoyao Shi), revision requested by *Quantitative Economics*

5. "A Uniform Vuong Test for Semi/Nonparametric Models", (with Xiaoxia Shi)

6. "On Cross-Validated Lasso", (with Denis Chetverikov)

Teaching Experience

UCLA Econ 203C:	Time Series Econometrics (Graduate)	2012 --
UCLA Econ 41:	Statistics for Economists (Undergraduate)	2013 --
UCLA Econ 232C:	Semiparametric and Nonparametric Methods (Graduate)	2013
UCLA Econ 199A:	Directed Research (Undergraduate)	2013
UCLA Fiat Lux:	Use and Misuse of Statistics (Undergraduate)	2011 -- 2012
UCLA Econ 99:	Student Research Program (Undergraduate)	2011

Seminar and Conference

2016: The Chinese University of Hong Kong; USC. 2015: UC-Riverside. 2014: Washington University; UCLA; Harvard/MIT; Yale; Duke. 2013: Wisconsin-Madison; North American Summer Meeting of the Econometric Society at USC; CEME Stanford/UCLA Conference at Stanford University; University of Pittsburg; UC-Davis; UCSD. 2012: Boston University; UC-Riverside; North Carolina State University; USC; UC-Berkeley; Info Metric Conference on Nonparametrics, UC-Riverside. 2011: University of Pennsylvania; University of Connecticut; UC-Irvine; UCLA; University of College London; University of Maryland; California Econometrics Conference, USC; UCSD; Info Metric Conference on Shrinkage Method, American University. 2010: Econometrics Society World Congress 2010, Shanghai.

Ph.D. Students

Committee member for UCLA students: Young Ju Kim (2014), Hongxiang Xu (2015), Hyo Sang Kim (2015), Joonmo Kang (2015), Xue Hu (in progress), Ruoyao Shi (in progress)

Referee Services

Econometrica, *Econometric Reviews, Econometrics Journal, Econometric Theory, Hong Kong Research Grant Council, Journal of Applied Econometrics, International Economic Review, Journal of Business & Economic Statistics, Journal of Econometrics, Journal of Statistical Planning and Inference, National Science Foundation, Quantitative Economics, Review of Economics and Statistics, Review of Economics and Studies, Social Sciences and Humanities Research Council of Canada, Statistica Sinica*

Departmental Service

2011 -- 2016	UCLA Graduate Student Admission Committee
2013	UCLA Graduate Student Placement Committee