

XIAODONG LIU

Department of Economics
University of Colorado Boulder
256 UCB
Boulder, Colorado 80309-0256

Phone: 303-492-7414
Fax: 303-492-8960
Email: xiaodong.liu@colorado.edu
Webpage: <http://spot.colorado.edu/~xiaodong>

Research Interests

Econometrics, Applied Microeconomics

Education

Ph.D. in Economics, The Ohio State University, 2007
M.A. in Economics, The Ohio State University, 2002
B.A. in Economics, Fudan University, China, 2001

Academic Appointments

Associate Professor, Department of Economics, University of Colorado Boulder, 2015-
Assistant Professor, Department of Economics, University of Colorado Boulder, 2007-2015
Visiting Associate Professor, Department of Economics, University of Maryland, Fall 2015

Honors and Awards

Fellow of Spatial Econometrics Association, 2019-
Provost's Faculty Achievement Award, University of Colorado Boulder, 2018

Publications

- [22] Xiaodong Liu and Ingmar R. Prucha (2018) "A Robust Test for Network Generated Dependence", *Journal of Econometrics* 207, 92-113.
- [21] Michael König, Xiaodong Liu and Yves Zenou (2018) "R&D Networks: Theory, Empirics and Policy Implications", *The Review of Economics and Statistics*, forthcoming.
- [20] Xiaodong Liu (2018) "Simultaneous Equations with Binary Outcomes and Social Interactions", *Econometric Reviews*, forthcoming.
- [19] Souphala Chomsisengphet, Hua Kiefer and Xiaodong Liu (2018) "Spillover Effects in Home Mortgage Defaults: Identifying the Power Neighbor", *Regional Science and Urban Economics* 73, 68-82.
- [18] Ethan Cohen-Cole, Xiaodong Liu and Yves Zenou (2018) "Multivariate Choices and Identification of Social Interactions", *Journal of Applied Econometrics* 33, 165-178.
- [17] Xiaodong Liu, Eleonora Patacchini and Edoardo Rainone (2017) "Peer Effects in Bed Time Decisions among Adolescents: A Social Network Model with Sampled Data", *The Econometrics Journal* 20, S103-S125.

- [16] Xiaodong Liu and Jiannan Zhou (2017) “A Social Interaction Model with Ordered Choices”, *Economics Letters* 161, 86-89.
- [15] Xiaodong Liu (2017) “Identification of Peer Effects via a Root Estimator”, *Economics Letters* 156, 168-171.
- [14] William Horrace, Xiaodong Liu and Eleonora Patacchini (2016) “Endogenous Network Production Functions with Selectivity”, *Journal of Econometrics* 190, 222-232.
- [13] Xiaodong Liu and Paulo Saraiva (2016) “GMM Estimation of Spatial Autoregressive Models in a System of Simultaneous Equations with Heteroskedasticity”, *Econometric Reviews*, forthcoming.
- [12] Xiaodong Liu (2016) “Nonparametric Estimation of Large Auctions with Risk Averse Bidders”, *Econometric Reviews* 35, 98-121.
- [11] Xiaodong Liu and Paulo Saraiva (2015) “GMM Estimation of SAR Models with Endogenous Regressors”, *Regional Science and Urban Economics* 55, 68-79.
- [10] Xiaodong Liu (2014) “Identification and Efficient Estimation of Simultaneous Equations Network Models”, *Journal of Business & Economic Statistics* 32, 516-536.
- [9] Xiaodong Liu, Eleonora Patacchini and Yves Zenou (2014) “Endogenous Peer Effects: Local Aggregate or Local Average?”, *Journal of Economic Behavior & Organization* 103, 39-59.
- [8] Xiaodong Liu (2013) “Estimation of a Local-Aggregate Network Model with Sampled Networks”, *Economics Letters* 118, 243-246.
- [7] Xiaodong Liu and Lung-fei Lee (2013) “Two Stage Least Squares Estimation of Spatial Autoregressive Models with Endogenous Regressors and Many Instruments”, *Econometric Reviews* 32, 734-753.
- [6] Xiaodong Liu, John H. Kagel and Lung-fei Lee (2012) “Learning from Peers in Signaling Game Experiments”, *Journal of Applied Econometrics* 27, 1037-1058.
- [5] Xiaodong Liu (2012) “On the Consistency of the LIML Estimator of a Spatial Autoregressive Model with Many Instruments”, *Economics Letters* 116, 472-475.
- [4] Lung-fei Lee, Xiaodong Liu and Xu Lin (2010) “Specification and Estimation of Social Interaction Models with Network Structures”, *The Econometrics Journal* 13, 145-176.
- [3] Lung-fei Lee and Xiaodong Liu (2010) “Efficient GMM Estimation of High Order Spatial Autoregressive Models with Autoregressive Disturbances”, *Econometric Theory* 26, 187-230.
- [2] Xiaodong Liu, Lung-fei Lee and Christopher R. Bollinger (2010) “An Efficient GMM Estimator of Spatial Autoregressive Models”, *Journal of Econometrics* 159, 303-319.
- [1] Xiaodong Liu and Lung-fei Lee (2010) “GMM Estimation of Social Interaction Models with Centrality”, *Journal of Econometrics* 159, 99-115.

Working Papers

Chih-Sheng Hsieh, Michael König and Xiaodong Liu (2018) “Network Formation with Local Complements and Global Substitutes: The Case of R&D Networks”.

Chih-Sheng Hsieh, Michael König, Xiaodong Liu and Christian Zimmermann (2018) “Superstar Economists: Coauthorship Networks and Research Output”.

Research Support

CARTSS Faculty Award, University of Colorado Boulder, 2017

Courses Taught

Introductory Statistics w/ Computer Applications	Undergraduate
Introduction to Econometrics	Undergraduate
Econometrics	First-year Ph.D.
Advanced Econometrics I	Second-year Ph.D.
Advanced Econometrics II	Second-year Ph.D.

Departmental Service

The graduate admissions committee (2008-2018, serving as the committee chair since 2016); the faculty recruiting committee (2017-2018); the PUEC committee (2016-2017); the graduate curriculum committee (2008-2009, 2011-2014); the undergraduate outcomes assessment committee (2007-2008), the research/awards committee (2008-2010); the computing resources liaison (2008-2016); and the library liaison (2012-2013).

Professional Service

The Program Committee for the 5th Annual Conference of the International Association of Applied Econometrics (IAAE).

The Scientific Committee of the 15th International Workshop in Spatial Econometrics and Statistics.
Referee for: *American Economic Review*, *Econometrica*, *Econometric Reviews*, *Econometric Theory*, *Journal of the American Statistical Association*, *Journal of Applied Econometrics*, *Journal of Business & Economic Statistics*, *Journal of Econometrics*, *Journal of Economic Behavior & Organization*, *Journal of the European Economic Association*, *Journal of Multivariate Analysis*, *Journal of Political Economy*, *Regional Science and Urban Economics*.

Citizenship China (United States permanent resident).