

YICHUN SONG (宋依纯)

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EDUCATION (教育背景)

The Ohio State University (俄亥俄州立大学) PhD in Economics	<u>2017 - expected 2023</u>
The Ohio State University (俄亥俄州立大学) MA in Economics	<u>2017 - 2018</u>
Vanderbilt University (范德堡大学) MA in Economics	<u>2014 - 2016</u>
University of International Business and Economics, Beijing, China (对外经济贸易大学) BA in Finance, minor in Information System and Management.	<u>2010 - 2014</u>

RESEARCH INTERESTS (研究兴趣)

Industrial Organization, Applied Econometrics, Computational Algorithm.
(产业组织, 应用计量经济学, 算法)

RESEARCH (目前研究)

- (1). Bargaining, Merger and Endogenous Network Formation: the Case of Power Plants and Coal Companies in the US. (**Job Market Paper**)
(纳什议价, 兼并与内生交易网络: 以美国煤炭电厂为例)
- (2). A Frisch-Waugh-Lovell Theorem for Empirical Likelihood, with Adam Dearing.
(经验似然估计的 FWL 定理)
- (3). An Alternating Maximization Approach to Approximate Dynamic Programming, with Adam Dearing.
(一种交替的动态规划近似算法)
- (4). QML estimation of a spatial autoregressive model with endogenous heterogeneity, with Yanli Lin and Yang Yang.
(空间计量自回归模型中的内生异质性)
- (5). Addressing endogeneity issues in a SAR model using copulas, with Yanli Lin.
(用耦合模型来解决空间计量中的变量内生性)
- (6). A Semi-Parametric Two-Stage Estimator with Machine Learning to Solve Endogeneity, with Adam Dearing.
(用机器学习构建半参数两阶估计解决内生性问题)
- (7). Counterfactual Calculation in Multiple Discrete Continuous Choice with Multiple Budget Constraints.
(有多个约束的多离散连续极值选择模型反事实计算算法)

WORK IN PROGRESS (正在进行中的工作)

- (8). Non-semiparametric Demand Estimation without the Exact or Lp Sparsity.
(无严格稀疏性假设下的非参/半参的需求估计)
- (9). Copula Joint Estimation for Spatial Dynamic Panel Data Models with Endogeneity Issues, with Yanli Lin and Yang Yang.
(用耦合解决动态空间面板数据内生性)

AWARDS (获奖情况)

Department Citation for Excellent Teaching, OSU	2022
Tom Kniesner and Debbie Freund Award, OSU	2020
Department Fellowship, OSU	2017-2018
Outstanding student in GPED, Vanderbilt University	2016

TEACHING EXPERIENCE (教学经历)

Recitation Leader, Econometrics II (PhD level)	Spring 2020/Spring 2021/Spring 2022/Spring 2023
(习题课讲授, 计量 II, 博士核心课)	
Recitation Leader, Principle of Microeconomics	Fall 2019/Fall 2021
(习题课讲授, 微观经济学原理)	
Recitation Leader, Math Camp (PhD level)	Summer 2019
(习题课讲授, 经济数学, 博士选修课)	
Grader/Teaching Assistant	Fall 2018/Spring 2019/Fall 2020/Fall 2022
(助教)	

PRESENTATIONS/INVITED TALKS (会议/展示)

AMES Asian Meeting, China	2022
Micro Lunch, OSU	Spring 2021/2022
IO Workshop, OSU	Spring 2019

SKILLS AND LANGUAGE (语言和计算机能力)

Skills: Matlab, Stata, Python, C, SQL, LaTeX, R.
Language: Chinese (native), English (fluent).

PERSONAL INFORMATION (个人信息)

Birth date: July 9th, 1992.
Citizenship: China, currently F-1 visa in US.

REFERENCES (推荐人)

Dr. Adam Dearing (co-chair)

Assistant Professor (助理教授),
Strategy and Business Economics,
SC Johnson Graduate School of Management,
Cornell University (康奈尔大学).

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Dr. Matthew Weinberg (co-chair)

Associate Professor (副教授),
Department of Economics,
The Ohio State University (俄亥俄州立大学).

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Dr. Jason Blevins

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