

CONTACT INFORMATION	The Ronald O. Perelman Center for Political Science and Economics 133 South 36th Street, Suite 628 Philadelphia, PA 19104	boyuanz@sas.upenn.edu boyuan-zhang.site
RESEARCH FIELDS	Econometrics, Applied Macroeconomics, Machine Learning, Panel Data	
EDUCATION	University of Pennsylvania Ph.D. in Economics	Philadelphia, PA 2017 - 2023 (Expected)
	University of Illinois at Urbana-Champaign M.S. in Statistics	Champaign, IL 2014 - 2016
	Renmin University of China B.S. in Physics (Graduation with Honors)	Beijing, China 2010 - 2014
PUBLICATIONS	<ol style="list-style-type: none"> 1. "Optimal Combination of Arctic Sea Ice Extent Measures: A Dynamic Factor Modeling Approach," <i>International Journal of Forecasting</i>, 37, 1509-1519, 2021. With F. X. Diebold, P. Goulet Coulombe, M. Göbel, and G. Rudebusch. 2. "Measuring International Uncertainty: the Case of Korea," <i>Economics Letters</i>, 162, 22-26, 2018. With M. Shin, M. Zhong, and D. Lee. 	
WORKING PAPERS	<ol style="list-style-type: none"> 1. "On the Aggregation of Probability Assessments: Regularized Mixtures of Predictive Densities for Eurozone Inflation and Real Interest Rates," arXiv:2012.11649. With F. X. Diebold and M. Shin. 	
WORK IN PROGRESS	<ol style="list-style-type: none"> 1. "When Will Arctic Sea Ice Disappear? Projections of Area, Extent, Thickness, and Volume," with F. X. Diebold, P. Goulet Coulombe, M. Göbel, and G. Rudebusch. 2. "Bayesian Estimation of Sparsely Heterogeneous Panel Models," with H. R. Moon and F. Schorfheide. 3. "Constrained Estimation of Grouped Heterogeneity in Linear Panel Data Models." 4. "VARs and the Modern Age," with P. Goulet Coulombe. 5. "Early Warning Indicator of Banking Crises via factor-augmented VAR model." 	
PROFESSIONAL ACTIVITIES	Referee: <i>Journal of Econometrics</i> , <i>International Journal of Forecasting</i>	
CONFERENCE & SEMINAR PRESENTATIONS	ASSA Annual Meeting, IAAE Invited Session 13th Annual SoFiE Conference IAAE Annual Conference Canadian Economics Association Conference 25th International Conference on Computing in Economics and Finance 59th World Statistics Congress	2022 2021 2021 2021 2019 2013
TEACHING EXPERIENCE	University of Pennsylvania Recitation Instructor Econ 002: Introductory Macroeconomics	Fall 2018, Spring 2019

FELLOWSHIPS, AWARDS, AND GRANDS	University Fellowship, University of Pennsylvania	2017–2018
	Outstanding Graduate, Renmin University of China	2014
	China National Scholarship, Renmin University of China	2013
PROFESSIONAL EXPERIENCE	Economist Intern Amazon.com, Inc., Seattle, WA	May 2021 - Aug 2021
	Data Analyst Intern Anheuser-Busch InBev, Inc., Champaign, IL	May 2015 - Feb 2016
COMPUTING SKILLS	Proficiency in R, Matlab, and Julia; knowledge in Python and SAS	
PERSONAL INFORMATION	Date of Birth: April 15th, 1992 Citizenship: China (F-1 Visa)	
REFERENCE	Prof. Francis X. Diebold (Co-advisor) Department of Economics University of Pennsylvania 133 South 36th Street, Office 607 Philadelphia, PA, 19104 Phone: 215-898-1507 E-mail: fdiebold@sas.upenn.edu	Prof. Frank Schorfheide (Co-advisor) Department of Economics University of Pennsylvania 133 South 36th Street, Office 621 Philadelphia, PA, 19104 Phone: 215-898-8486 E-mail: schorf@econ.upenn.edu
	Prof. Xu Cheng Department of Economics University of Pennsylvania 133 South 36th Street, Office 620 Philadelphia, PA, 19104 Phone: 215-898-6775 E-mail: xucheng@econ.upenn.edu	Minchul Shin Federal Reserve Bank of Philadelphia Ten Independence Mall, Philadelphia, PA, 19106 Phone: 215-574-6079 E-mail: minchul.shin@phil.frb.org