

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 Model.	
EDUCATION	<b>University of Pennsylvania</b> Ph.D. in Economics	Philadelphia, PA 2017 - 2023 (Expected)
	<b>University of Illinois at Urbana-Champaign</b> M.S. in Statistics	Champaign, IL 2014 - 2016
	<b>Renmin University of China</b> B.S. in Physics (Graduation with Honors)	Beijing, China 2010 - 2014
PUBLICATION	<b>Measuring International Uncertainty: the Case of Korea</b> (with Minchul Shin, Molin Zhong , and Dong Jin Lee) <i>Economics Letters</i> , 2018.	
	<b>Optimal Combination of Arctic Sea Ice Extent Measures: A Dynamic Factor Modeling Approach</b> (with Francis Diebold, Philippe Goulet Coulombe, Maximilian Göbel, and Glenn Rudebusch) <i>International Journal of Forecasting</i> , 2021.	
WORKING PAPERS	<b>Forecasting with Bayesian Grouped Random Effects in Panel Data</b>  <b>On the Aggregation of Probability Assessments: Regularized Mixtures of Predictive Densities for Eurozone Inflation and Real Interest Rates</b> (with Francis Diebold and Minchul Shin)	
WORK IN PROGRESS	<b>Bayesian Estimation of Sparsely Heterogeneous Panel Models</b> (with Hyungsik Roger Moon and Frank Schorfheide)  <b>Early Warning Indicator of Banking Crises via factor-augmented VAR model</b>  <b>Forecast with Prior Wisdom on Group Structure</b>  <b>When Will Arctic Sea Ice Disappear? Projections of Area, Extent, Thickness, and Volume</b> (with Francis Diebold, Philippe Goulet Coulombe, Maximilian Göbel, and Glenn Rudebusch)  <b>VARs and the Modern Age</b> (with Philippe Goulet Coulombe)	
PROFESSIONAL ACTIVITIES	Referee: <i>Journal of Econometrics</i> , <i>International Journal of Forecasting</i> ( $\times 2$ )	
CONFERENCE & SEMINAR PRESENTATION	The 13th Annual SoFiE Conference	June 2021
	IAAE 2021 Annual Conference	June 2021
	Canadian Economics Association Conference	June 2021
	The 25th International Conference on Computing in Economics and Finance	June 2019
	The 59th World Statistics Congress	Aug 2013

TEACHING EXPERIENCE	<b>University of Pennsylvania</b> <i>Recitation Instructor</i> Econ 002: Introductory Macroeconomics	Fall 2018, Spring 2019
FELLOWSHIPS, AWARDS, AND GRANDS	SAS Dean's Travel Subvention, University of Pennsylvania University Fellowship, University of Pennsylvania Outstanding Graduate, Renmin University of China China National Scholarship, Renmin University of China	2019 2017–2018 2014 2013
PROFESSIONAL EXPERIENCE	<i>Economist Intern</i> <b>Amazon.com, Inc.</b> , Seattle, WA	May 2021 - Aug 2021
	<i>Data Analyst Intern</i> <b>Anheuser-Busch InBev, Inc.</b> , Champaign, IL	May 2015 - Feb 2016
COMPUTING SKILLS	<ul style="list-style-type: none"> <li>• Programming Languages: R, Matlab, Julia, Python</li> <li>• Operating Systems: UNIX/Linux, Mac OS X.</li> </ul>	