

University of British Columbia	Parental leave	January 31- April 23, 2016
University of British Columbia	Parental leave	January 12- April 5, 2014
University of British Columbia	Parental leave	January 15- April 7, 2012

8. TEACHING

(a) *Areas of special interest and accomplishments*

PhD student supervision: Since 2013, I had and have been advising 17 PhD students as their main supervisor or as a member of their PhD dissertation committee as follows. 5 PhD students finished their PhD degrees and 1 PhD student is writing their PhD dissertation under my supervision. In addition, I had and have been actively advising 11 PhD students as a member of their PhD dissertation committee.

Undergraduate student supervision: I am actively hiring undergraduate students as my research assistant to gain research experience and to develop their potential for a research career. **Three undergraduate students and I have received the following awards: NSERC Undergraduate Student Research Awards 2016-2017, Work Learn Winter 2016, Work Learn Winter 2017, and Arts Work Learn International Award 2018.** These students have been successful in starting their academic career. One student (Chiyoung Ahn) is now pursuing his master degree at UBC after working one year at the Bank of Canada as a research assistant. Another student (Jasmine Yang) is now in the master program at the London School of Economics.

Teaching: One of the challenges in teaching in classes is to keep strong students interested while not leaving weak ones behind. In my opinion, the best way to do so is to create a class environment where every student feels free asking a question in class. I tell students that every question he or she raises is an important question and beg them to ask questions in class. Since I get many questions from different students in class, depending on the type of questions, I may clarify the basic material covered in class or I may challenge strong students with even more advanced materials and help them to think the strengths and the weaknesses of the theories and models covered in the class. I also see a question from students as an opportunity to learn how to improve my teaching skills since a question often reveals where students are confused and where my teaching is not effective. To promote active learning as well as better communication with students, I use iclicker in my undergraduate teaching.

(b) *Courses Taught at UBC*

Session	Course	Total Scheduled	Class	Total Hours Taught per Course
---------	--------	-----------------	-------	-------------------------------

	Number	Hours	Size	Lectures	Tutorials	Labs	Other
2022W	Econ 629	3 hours per week	3	3 hours per week			
2022W	Econ 526	3 hours per week	36	3 hours per week			
2022W	Econ 425	3 hours per week	67	3 hours per week			
2021W	Econ 526	3 hours per week	40	3 hours per week			
2021W	Econ 326	3 hours per week	90	3 hours per week			
2021W	Econ 425	3 hours per week	34	3 hours per week			
2020W	Econ 526	3 hours per week	50	3 hours per week			
2020W	Econ 325	3 hours per week	70	3 hours per week			
2020W	Econ 425	3 hours per week	20	3 hours per week			
2019W	Econ 325	3 hours per week	70	3 hours per week			
2019W	Econ 425	3 hours per week	30	3 hours per week			
2017W	Econ 325	3 hours per week	66	3 hours per week			
2017W	Econ 628	3 hours per week	14	3 hours per week			
2016W	Econ 325	3 hours per week	53	3 hours per week			
2016W	Econ 327	3 hours per week	91	3 hours per week			
2016W	Econ 628	3 hours per week	14	3 hours per week			
2015W	Econ 325	3 hours per week	87	3 hours per week			
2015W	Econ 628	4 hours per week	12	4 hours per week			
2014W	Econ 326	3 hours per week	58	3 hours per week			
2014W	Econ 628	4 hours per week	9	4 hours per week			

2014W	Econ 325	3 hours per week	83	3 hours per week			
2013W	Econ 628	4 hours per week	7	4 hours per week			
2013W	Econ 325	3 hours per week	73	3 hours per week			
2012W	Econ 325	3 hours per week	53	3 hours per week			
2012W	Econ 325	3 hours per week	54	3 hours per week			
2012W	Econ 628	3 hours per week	16	3 hours per week			
2011W	Econ 628	1.5 hours per week	10	1.5 hours per week			
2011W	Econ 326	3 hours per week	55	3 hours per week			
2010W	Econ 326	3 hours per week	55	3 hours per week			
2010W	Econ 555	3 hours per week	13	3 hours per week			

(c)(d) *Graduate Students Supervised*

(i) **Department of Economics, Queen's University**

Student Name	Program Type	Year		Supervisory Role (supervisor, co-supervisor, committee member)
		Start	Finish	
Joel Rodrigue	PhD	2003	2008	Co-supervisor

(ii) **Department of Economics, University of Western Ontario**

Student Name	Program Type	Year		Supervisory Role (supervisor, co-supervisor, committee member)
		Start	Finish	
Kai Xu	PhD	2007	2011	Committee member
George (Ye) Jia	PhD	2007	2010	Committee member
Yao Li	PhD	2007	2010	Committee member
Huju Liu	PhD	2006	2009	Committee member

Chris Hajzler	PhD	2006	2009	Committee member
Michio Suzuki	PhD	2005	2008	Committee member

(iii) Department of Economics, University of British Columbia

Student Name	Program Type	Year		Supervisory Role (supervisor, co-supervisor, committee member)
		Start	Finish	
Jinwen Xu	PhD	2011	2014	Supervisor
Yawen Liang	PhD	2012	2016	Supervisor
Anton Laptiev	PhD	2013	2018	Supervisor
Jasmine Yu Hao	PhD	2015	2021	Supervisor
Tsenguun Enkhhaatar	PhD	2017	2020	Supervisor
Kisho Hoshi	PhD	2022	present	Supervisor
Allen Peters	PhD	2021	present	Co-Supervisor
Isaac Holloway	PhD	2010	2012	Committee member
Dai Guang	PhD	2011	2013	Committee member
Xiaoqi He	PhD	2013	2015	Committee member
Zhengfei Yu	PhD	2013	2015	Committee member
Jun Ma	PhD	2012	2014	Committee member
Maria Tito	PhD	2013	2015	Committee member
Charles Martineau	PhD	2015	2017	Committee member
Nathan Canen	PhD	2015	2018	Committee member
Ruoying Wang	PhD	2016	2018	Committee member
Gaëlle Simard-Duplain	PhD	2017	2019	Committee member
Denis Kojevnikov	PhD	2015	2019	Committee member
Chenying Yang	PhD	2018	2021	Committee member
Mahdi Ebrahimi Kahou	PhD	2019	present	Committee member
Thomas Chan	PhD	2021	present	Committee member

(f) Visiting Lecturer (indicate university/organization and dates)

Center for Research and Education in Program Evaluation (CREPE), University of Tokyo, January 1-January 31 of 2018

Center for Research and Education in Program Evaluation (CREPE), University of Tokyo, July 4 and July 11 of 2018

Hitotsubashi Institute for Advanced Study (HIAS), Hitotsubashi University, September 1, 2018 – August 31, 2019

(g) *Other*

(i) Undergraduate Supervision

Student Name	Program Type	Year		Comments
		Start	Finish	
Chiyoung Ahn	Undergraduate	2015	2017	NSERC USRA Award 2016-2017 and Work Learn Winter 2016
Jasmine Yang	Undergraduate	2017	2018	Work Learn Winter 2017 and Research Assistant
Pietro Montanarella	Undergraduate	2017	2019	Arts Work Learn International Award 2018, Research Assistant
Chiyoung Ahn	Master	2018	2019	Research Assistant
Yiran Song	Undergraduate	2021	2021	Research Assistant under Arts Work Learn Summer 2021
Chihiro Tanigawa	Undergraduate	2020	2021	Research Assistant
Jingze Dong	Undergraduate	2021	2022	Research Assistant
Chris Yiu	Undergraduate	2021	2021	Research Assistant under UBC Science Co-op program

(ii) PhD Thesis Examiner

Manish Pandey "Essays on Cross-Country Technological Differences and On Mortgage Interest Deductibility," completed in 2005, University of Western Ontario

Marcel Voia "Models with Heterogeneity and Selection," completed in 2005, University of Western Ontario

Jie Cai "Essays on Knowledge Spillovers," completed in 2010, University of British Columbia

(iii) Master's Thesis Examiner

Jian Zhang "International Trade and the Legal Regulation of Organic Food in China," completed in 2007, University of Western Ontario

Ali Doroudian "Speculation and Price Volatility: The Case of Rice in United States," completed in 2011, University of British Columbia

9. **SCHOLARLY AND PROFESSIONAL ACTIVITIES**

(a) *Areas of special interest and accomplishments*

In 2017, I received **Nakahara Prize**, which is an annual award given by the Japanese Economics Association to Japanese economists under the age of 45 whose work has gained international recognition.

Since July of 2017, I am serving as a co-editor of the **Canadian Journal of Economics**, which is an internationally recognized peer-reviewed academic journal of economics published by Wiley-Blackwell on behalf of the Canadian Economics Association.

In 2010, I received the **2010 Arnold Zellner Award** for the most significant theoretical paper published in the Journal of Econometrics in 2008 and 2009, where the Journal of Econometrics is viewed as a top field journal in econometrics.

Between 2015 and 2020, I received the following grants as Principal Investigator: 1 SSHRC Insight Grants and 2 SSHRC Insight Development Grants as well as 2 NSERC Discovery Grants.

(b) *Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))*

Granting Agency	Subject	COMP	\$ Total	Year	Principal Investigator	Co-Investigator(s)
SSHRC	“Quantifying the response of maritime shipping CO2 emissions to trade shocks and policy regulations”	C	71,000	2023 - 2025	Hiroyuki Kasahara	
SSHRC	“The Effect of Telemedicine on Healthcare Practice and Health Outcomes”	C	73,125	2023 - 2025	Paul Schrimpf	Hiroyuki Kasahara
SSHRC	“Identification and Estimation of Markup, TFP, and Production Function from Revenue Data under Unobserved Heterogeneity”	C	89,900	2022 - 2024	Hiroyuki Kasahara	
SSHRC	“Bootstrap validity of nonparametric estimator by deep neural network”	C	59,650	2020 - 2022	Hiroyuki Kasahara	
MITACS	“The effect of the stock market collapse during the 2007-08	C	6,000	2020	Hiroyuki Kasahara	

	financial crisis on household consumption and stock holding decisions”					
NSERC	“Likelihood-based Tests for the Number of Components/Regimes in Finite Mixture and Markov Regime Switching Models”	C	83,500	2019 - 2024	Hiroyuki Kasahara	
SSHRC	“Identification and Estimation of Production Function under Unobserved Heterogeneity”	C	52,200	2017 - 2019	Hiroyuki Kasahara	Paul Schrimpf
SSHRC	“Estimating the Number of Types in Finite Mixture Panel Data Models and Empirical Research in International Trade”	C	78,736	2017 - 2020	Hiroyuki Kasahara	
NSERC	“Testing the number of regimes in regime switching models”	C	4,500	2016	Hiroyuki Kasahara	
SSHRC	“Estimation and Inference of Structural Dynamic Models with Unobserved Heterogeneity and Multiple Equilibria”	C	82,600	2014 - 2017	Hiroyuki Kasahara	
NSERC	“Likelihood-based Tests for the Number of Components in Finite Mixture Models”	C	55,000	2014 - 2020	Hiroyuki Kasahara	
SSHRC	“Estimation and Inference of Structural Dynamic Models with Unobserved Heterogeneity and	C	60,000	2011 - 2014	Hiroyuki Kasahara	

	Equilibrium Constraints”					
SSHRC	“Estimation and Inference for Structural Dynamic Models: Theory and Empirics”	C	60,000	2008 - 2011	Hiroyuki Kasahara	

(c) *Research or equivalent contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC)).*

(d) *Invited Presentations (Identify whether International/National/Local)*

Conferences and Professional Meetings

“Identification of Markup and TFP from Revenue Data”

The 6th IAER Econometrics Workshop (international)

ASSA 2021 Annual Meeting, January 2021 (international)

Kyoto Summer Workshop on Applied Economics 8th meeting, July 2019 (international)

Hitotsubashi Conference on International Trade & FDI 2021 (international)

2021 Econometric Society Australasian Meeting (international)

“The Association of Opening K-12 Schools and Colleges with the Spread of COVID-19 in the United States: County-Level Panel Data Analysis”

2022 ASSA session - Nonstandard Data Sources (international)

“Finite mixture regression models for treatment effect parameters when high-dimensional nuisance parameters are present”

4th International Conference on Econometrics and Statistics (EcoSta 2021) (international)

“Causal Impact of Masks, Policies, Behavior on Early Covid-19 Pandemic in the U.S.”

The Tokyo Foundation for the Policy Research Workshop, September 2020 (international)

“Identification and Estimation of Production Function with Unobserved Heterogeneity”

Toulouse Conference on Estimation and Inference in Econometric Models, December 2022 (international)

Econometric Society World Congress 2020, July 2020 (international)

“Identification of Regression Models with Misclassified and Endogenous Binary Regressor”

ASSA Meeting, January 2020 (international)

The 15th International Symposium on Econometric Theory and Applications, June 2019 (international)

Workshop on Advances in Econometrics 2019, June 2019 (international)

“Nonparametric Identification of Finite Mixture Models”

CREPE Conference on Program Evaluation, December 2018 (international)

“Testing the Number of Regimes in Markov Regime Switching Models”
BK21 PLUS Korean Economic Group International Conference on Econometrics, November 2018 (international)

“Excessive Entry and Exit in Export Markets”
Hitotsubashi Conference on Interantional Trade and FDI 2018, December 2018 (international)
Kyoto Summer Workshop on Applied Economics 7th meeting, August 2018 (international)

“Testing the Order of Multivariate Normal Mixture Models”
Advances in Finite Mixture and Other Non-regular Models, August 2018 (international)

“The Causes of China’s Great Famine, 1959-1961: County-level evidence”
HSI2017-3rd Hitotsubashi Summer Institute, August 2017 (international)
Kyoto Summer Workshop on Applied Economics 6th meeting, August 2017 (international)

“Estimation of Discrete Choice Dynamic Programming Models”
Spring Meeting of Japanese Economic Association (international)

“The Effect of Bank Recapitalization Policy on Corporate Investment: Evidence from a Banking Crisis in Japan,”
Stanford Summer Juku , August 2014. (international)

“Do Importing and Exporting Increase the Demand for Skilled Workers? Plant-level Evidence from Indonesia.”
Hitotsubashi COE Conference on Trade and FDI, December 2009 (international)

“Nonparametric Identification of Multivariate Mixtures”
The 16th World Congress of the International Economics Association, July 2011 (international)

“Nonparametric Identification of Finite Mixture Models of Dynamic Discrete Choices”
ERID Identification Conference at Duke University, October 2008 (international)

“Sequential Estimation of Structural Models with a Fixed Point Constraint”
Stanford Institute for Theoretical Economics, Summer Workshop, July 2009 (international)

“Does the Use of Imported Intermediates Increase Productivity? Plant-level Evidence”
Hakone Conference (FASID), December 2007 (international)

Seminars

“The Association of Opening K-12 Schools and Colleges with the Spread of COVID-19 in the United States: County-Level Panel Data Analysis”
University of Montreal, April 2021
SafeGraph/Placekey, March 2021

COVID Modelling Group, March 2021
University of British Columbia, March 2021

“Causal Impact of Masks, Policies, Behavior on Early Covid-19 Pandemic in the U.S.”
University of British Columbia (Sauder School of Business), January 2021
University of Tokyo, July 2020
HELP! (HEaLth and Pandemics) Econ Working Group seminar, June 2020

“Identification of Markup and TFP from Revenue Data”
University of British Columbia, November 2019

“Identification of Regression Models with Misclassified and Endogenous Binary Regressor”
University of British Columbia, November 2018

“Testing the Number of Regimes in Markov Regime Switching Models”
National University of Singapore, November 2018
Penn State University, November 2017
London School of Economic, April 2017
Boston University, April 2018

“The Causes of China’s Great Famine, 1959-1961: County-level evidence”
Tohoku University, January 2019
Kyoto University, February 2019
Osaka University, February 2019
Tsinghua University, October 2018
Hitotsubashi University, July 2017
Waseda University, June 2017
University of Tsukuba, June 2017
University of Tokyo, January 2018

“Identification and Estimation of Production Function with Unobserved Heterogeneity”
Kobe University, February 2019
Hitotsubashi University, June 2017
University of College London, April 2017
University of California, Davis, October 2015.
John’s Hopkins University, December 2014

“Estimation of Production Function with Random Coefficients”
University of Tokyo, March 2014

“The Effect of Bank Recapitalization Policy on Corporate Investment: Evidence from a Banking Crisis in Japan,” (formally, *“Investment and Borrowing Constraint: Evidence from Japanese Firms.”*)
RIETI, February 2014
University of Southampton, December 2010
University of British Columbia, March 2010

Bank of Japan, December 2009

“Do Importing and Exporting Increase the Demand for Skilled Workers? Plant-level Evidence from Indonesia.”

University of Western Ontario, June 2010

Keio University, November 2009

“Sequential Estimation of Dynamic Programming Models.”

Yale University, October 2011

National University of Singapore, November 2009

Singapore Management University, November 2009

Kyoto University, October 2009

“Nonparametric Identification of Finite Mixture Models of Dynamic Discrete Choices”

University of Rochester, December 2007

Concordia University, September 2007

Penn State University, September 2007

“Sequential Estimation of Structural Models with a Fixed Point Constraint”

University of College London, December 2010.

University of Victoria, September 2010.

Bank of Japan, January 2009

Johns Hopkins University, October 2008

University of Michigan, October 2008

University of British Columbia, September 2008

University of Tokyo, August 2007

Yokohama National University, July 2007

Hitotsubashi University, July 2007

“Nested Pseudo-likelihood Estimation and Bootstrap-based Inference for Structural Discrete Markov Decision”

University of Tokyo, August 2007

University of Guelph, November 2006

University of Virginia, April 2006

York University, March 2006

“Productivity and the Decision to Export and Import: Theory and Evidence” (under the former title of ‘Import Protection as Export Destruction’)

Wilfrid Laurier University, April 2009

Bank of Japan, December 2008

Osaka University (Economics), December 2008

Osaka University (OSIPP), July 2007

University of Tsukuba, July 2007

Keio University, July 2007

University of Tokyo, July 2006

Queen’s University, December 2004

University of Calgary, November 2004

“Temporary Increases in Tariffs and Machine Replacement: The Chilean Experience 1980-1996”

Federal Reserve Bank of Chicago, May 2002

Keio University, May 2002

Purdue University, February 2002

Yale University, February 2002

Carnegie Mellon University, February 2002

Queen’s University, January 2002

University of Rochester, January 2002

University of Tokyo, January 2002

University of California-Santa Barbara, January 2002

University of Southern California, January 2002

Harvard University, January 2002

University of Wisconsin-Madison, November 2001

(e) *Other Presentations*

“Testing the Order of Multivariate Normal Mixture Models”

Seattle-Vancouver Econometrics Conference, October 2017 (international)

“Testing the Number of Regimes in Markov Regime Switching Models”

Asian Meeting of the Econometric Society, June 2017 (international)

2017 International Association for Applied Econometrics Conference, June 2017 (international)

Workshop on Advances in Econometrics, Hakodate, June 2017 (international)

Canadian Econometrics Society Meeting, October 2017. (national)

“Identification and Estimation of Production Function with Unobserved Heterogeneity”

Asian Meeting of the Econometric Society, August 2016 (international)

Canadian Econometrics Study Group, September 2015 (national)

“Testing the Number of Components in Finite Mixture Models.”

North American Econometric Society Winter Meeting, January 2013 (international)

“The Effect of Bank Recapitalization Policy on Corporate Investment: Evidence from a Banking Crisis in Japan,”

National Bureau of Economic Research, Japan Project Meeting, June 2011. (international)

“Do Importing and Exporting Increase the Demand for Skilled Workers? Plant-level Evidence from Indonesia.”

Rocky Mountain Empirical Trade Conference, May 2010 (national)

“Sequential Estimation of Dynamic Programming Models.”

Vienna Macroeconomics Workshop, October 2009 (international)

“Nonparametric Identification of Multivariate Mixtures”

North American Econometric Society Winter Meeting, January 2011 (international)
Far East and South Asia Meeting of the Econometric Society, August 2009 (international)

“Nonparametric Identification of Finite Mixture Models of Dynamic Discrete Choices”

North American Econometric Society Summer Meeting, June 2007 (international)

“Sequential Estimation of Structural Models with a Fixed Point Constraint”

North American Econometric Society Winter Meeting, January 2009 (international)
Far Eastern Econometric Society Summer Meeting, July 2008 (international)
Vienna Macroeconomic Workshop, October 2007 (international)

“Nested Pseudo-likelihood Estimation and Bootstrap-based Inference for Structural Discrete Markov Decision”

North American Econometric Society Winter Meeting, January 2007 (international)
Far Eastern Econometric Society Summer Meeting, July 2006 (international)

“Productivity and the Decision to Export and Import: Theory and Evidence” (under the former title of ‘Import Protection as Export Destruction’)

Japanese Economic Association Meeting, June 2009 (international)
CESifo Annual Conference on Global Economy, January 2008 (international)
Laurier Conference on Empirical International Trade, December 2006 (national)
Empirical Investigation in International Economics, October 2006 (international)
Econometric Society North American Winter Meeting, January 2006 (international)
Southern Economic Association Annual Meeting, November 2005 (international)
Canadian Macroeconomics Study Group, October 2005 (national)
Second Annual Vienna Macroeconomic Workshop, October 2005 (international)
Econometric Society World Congress, August 2005 (international)
Canadian Economic Association, May 2005 (national)

“Temporary Increases in Tariffs and Machine Replacement: The Chilean Experience 1980-1996”

Canadian Econometrics Study Group, October 2002 (national)
North American Econometric Society, June 2002 (international)
Midwest International Economics Group, May 2002 (international)

“Does the Use of Imported Intermediates Increase Productivity? Plant-level Evidence”

Empirical Investigation in International Economics, November 2004 (international)

“Technology Adoption under Relative Factor Prices Uncertainty: Putty-Clay Investment Model”

Society for Economic Dynamics Annual Meeting, July 2004 (international)
Far Eastern Econometric Society Meeting, July 2001 (international)

(f) Other

(g) *Conference Participation (Organizer, Keynote Speaker, etc.)*

CIGI/UWO Research Workshop on the Changing Global Economy 2008 (Organizer)

Canadian Econometrics Study Group Meeting 2010 (Organizer)

Rocky Mountain Empirical Trade Conference 2012-2019 (Organizer)

Scientific Committee for Canadian Econometrics Study Group Meeting 2014

10. SERVICE TO THE UNIVERSITY

(a) *Areas of special interest and accomplishments*

(b) *Memberships on committees, including offices held and dates*

(i) University of British Columbia

Member, the CGS / Affiliated Fellowships – Master’s Adjudication Committee 5, 2018

Member, Centre for Innovative Data in Economics Board, 2017-

Member, Graduate Studies Committee and Review and Retention Committee at the Vancouver School of Economics, 2015, 2017

Liaison with UBC Library at the Vancouver School of Economics, 2017

Member, Advisory Board at the Vancouver School of Economics, 2017

Member, Undergraduate Curriculum Committee at the Vancouver School of Economics, 2014-2015

Member, Admissions & Recruitment Committee at the Vancouver School of Economics, 2016

Member, Computer Committee at Department of Economics, 2011-2012

Member, Recruiting Committee at Department of Economics and at the Vancouver of School of Economics, 2010-2011, 2012-2013, 2014-2015, 2019-2020

Member, Graduate Admission Committee at Department of Economics, 2009-2010.

(ii) University of Western Ontario

Member, Econometrics PhD Comprehensive Committee, 2004-2005, 2005-2006, 2006-2007, 2007-2008

Member, Appointments Committee, 2004-2005, 2005-2006

Faculty-at-Large, Graduate Affairs Committee, 2006-2007, 2007-2008, 2008-2009

Subject Coordinator, Macroeconomics, 2007-2008

Workshop Director, Applied Economics/Econometrics, 2008-2009

(iii) Queen’s University

Member, Recruiting Committee, 2003-2004

(c) *Other service, including dates*

11. SERVICE TO THE COMMUNITY

(a) *Memberships on scholarly societies, including offices held and dates*

Econometric Society, American Economic Association, Canadian Economic Association, Japan Statistical Society, CESifo Research Network

(b) *Memberships on other societies, including offices held and dates*

(c) *Memberships on scholarly committees, including offices held and dates*

(d) *Memberships on other committees, including offices held and dates*

(e) *Editorships (list journal and dates)*

Co-Editor (Canadian Journal of Economics, July 2017-June 2020)

Associate Editor (Japanese Economic Review, September 2015-present)

Associate Editor (Econometrics Journal, January 2024-present)

(f) *Reviewer (journal, agency, etc. including dates)*

Journals

AEJ-Macroeconomics, American Economics Review, Annals of Statistics, B.E. Journal of Macroeconomics, Canadian Journal of Economics, Canadian Journal of Statistics, Canadian Public Policy, Computational Statistics and Data Analysis, Econometrica, European Economic Review, Econometrics Journal, Econometric Theory, Economic Inquiry, International Economic Review, Journal of the American Statistical Association, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Development Economics, Journal of Econometrics, Journal of European Economic Association, Journal of International Economics, Journal of Money, Credit and Banking, Journal of Multivariate Analysis, Journal of Nonparametric Statistics, Journal of Political Economy, Journal of the Royal Statistical Society - Series B, Oxford Bulletin of Economics and Statistics, Proceedings of the National Academy of Science of the United States of America, Quantitative Economics, Quarterly Journal of Economics, Review of Economic Studies, Review of International Economics, Scandinavian Journal of Economics, Development, World Economy

Agencies

U.S. National Science Foundation, Research Grants Council of Hong Kong, Social Sciences and Humanities Research Council of Canada, Swiss National Science Foundation

(g) *External examiner (indicate universities and dates)*

University of Calgary, April 2014

University of Calgary, August 2016

Hitotsubashi University, March 2020

(h) *Consultant (indicate organization and dates)*

(i) *Other service to the community*

12. AWARDS AND DISTINCTIONS

(a) *Awards for Teaching (indicate name of award, awarding organizations, date)*

(b) *Awards for Scholarship (indicate name of award, awarding organizations, date)*

Nakahara Prize, Japanese Economic Association, 2017 (an annual award given by the Japanese Economics Association to Japanese economists under the age of 45 whose work has gained international recognition.)

Japan Statistical Society Achievement Award, 2014.

The 2010 Arnold Zellner Award (for the most significant theoretical paper published in the Journal of Econometrics in 2008 and 2009.)

Distinguished CESifo Affiliate Award in the Global Economy Research Area, 2008

Distinguished CESifo Research Affiliate, 2008 -

Wisconsin Alumni Research Foundation Dissertation Fellowship, 2001-2002

Fulbright Scholarship, 1997- 2002

Harold Groves Economics Research Paper Prize, 1999

Research Fellow of the Japan Society for the Promotion of Science, 1997

(c) *Awards for Service (indicate name of award, awarding organizations, date)*

(d) *Other Awards*

13. OTHER RELEVANT INFORMATION (Maximum One Page)

THE UNIVERSITY OF BRITISH COLUMBIA
Publications Record

Date: January 16, 2024

SURNAME: Kasahara **FIRST NAME:** Hiroyuki

Initials: H.K.

1. REFEREED PUBLICATIONS

(a) Journals

* indicates most significant publications

Kasahara, Hiroyuki, Yasuyuki Sawada and Michio Suzuki, "The Effect of Bank Recapitalization Policy on Corporate Investment: Evidence from a Banking Crisis in Japan," *Journal of Banking and Finance*, 158, January 2024, 107047.

Kasahara, Hiroyuki and Katsumi Shimotsu, "Identification of Regression Models with Misclassified and Endogenous Binary Regressor," *Econometric Theory*, December 2022, 1117-1139.

Kisho Hoshi, Hiroyuki Kasahara, Ryo Makioka, Michio Suzuki, and Satoshi Tanaka, "Heterogeneous Effects of COVID-19 on Labor Markets: People's Movement and Non-Pharmaceutical Interventions," *Journal of The Japanese International Economies*, March 2022, 63, 110-170.

Chernozhukov, Victor, Hiroyuki Kasahara, and Paul Schrimpf, "The Association of Opening K-12 Schools with the Spread of COVID-19 in the United States: County-Level Panel Data Analysis," *Proceedings of the National Academy of Sciences of the United States of America*, October 2021, 118(42).

Kisho Hoshi, Hiroyuki Kasahara, Ryo Makioka, Michio Suzuki, and Satoshi Tanaka, "Trade-off between Job Losses and the Spread of COVID-19 in Japan," *Japanese Economic Review*, August 2021, 72(4), 683-671.

*Chernozhukov, Victor, Hiroyuki Kasahara, and Paul Schrimpf, "Causal Impact of Masks, Policies, Behavior on Early Covid-19 Pandemic in the U.S.," *Journal of Econometrics*, January 2021, 220(1), 23-62.

Kasahara, Hiroyuki and Bingjing Li, "Grain Exports and the Causes of China's Great Famine, 1959-1961: County-level evidence," *Journal of Development Economics*, September 2020, 146.

Kasahara, Hiroyuki and Heiwai Tang, "Excessive Entry and Exit in Export Markets," *Journal of the Japanese and International Economies*, September 2019, 53.

Kasahara, Hiroyuki and Katsumi Shimotsu, "Asymptotic Properties of the Maximum Likelihood Estimator in Regime Switching Econometric Models," *Journal of Econometrics*, 2019, 208(2), 442-267.

Kasahara, Hiroyuki and Katsumi Shimotsu, "Estimation of Discrete Choice Dynamic Programming Models," *Japanese Economic Review*, March 2018, 69(1), 28-58.

Kasahara, Hiroyuki, Yawen Liang, and Joel Rodrigue, "Does Importing Increase the Demand for Skilled Workers? Plant-level Evidence from Indonesia," *Journal of International Economics*, September 2016, 102, 242-261.

*Kasahara, Hiroyuki and Katsumi Shimotsu, "Testing the Number of Components in Normal Mixture Regression Models," *Journal of the American Statistical Association (Theory and Methods Section)*, December 2015, 110, 1632-1645.

Kasahara, Hiroyuki and Katsumi Shimotsu, "Nonparametric Identification of Finite Mixture Econometric Models of Dynamic Discrete Choices," *Journal of the Japan Statistical Society*, March 2015, 44(2), 1-20.

*Kasahara, Hiroyuki and Katsumi Shimotsu, "Nonparametric Identification and Estimation of the Number of Components in Multivariate Mixtures," *Journal of the Royal Statistical Society – Series B*, January 2014, 76(1), 97-111

Kasahara, Hiroyuki, Katsumi Shimotsu, and Michio Suzuki, "Does an R&D Tax Credit Affect R&D Expenditure? The Japanese R&D Tax Credit Reform in 2003," *Journal of the Japanese and International Economies*, March 2014, 34, 72-97.

Kasahara, Hiroyuki, Tatsuyoshi Okimoto, and Katsumi Shimotsu, "Modified Quasi-Likelihood Ratio Test for Regime Switching," *Japanese Economic Review*, March 2014, 65(1), 25-41.

*Kasahara, Hiroyuki and Bev Lapham, "Productivity and the Decision to Import and Export: Theory and Evidence," *Journal of International Economics*, 89(2), 2013, 297-316. (*The Distinguished CESifo Affiliate award in 2008*)

*Kasahara, Hiroyuki and Katsumi Shimotsu, "Sequential Estimation of Structural Models with a Fixed Point Constraint," *Econometrica*, 80(5), 2012, 2303-2319.

Kasahara, Hiroyuki, "Temporary Increases in Tariffs and Investment: The Chilean Case," *Journal of Business and Economic Statistics* 27(1), 2009, 113-127.

*Kasahara, Hiroyuki and Katsumi Shimotsu, "Nonparametric Identification of Finite Mixture Models of Dynamic Discrete Choices," *Econometrica* 77(1), 2009, 135-175.

*Kasahara, Hiroyuki and Joel Rodrigue, "Does the Use of Imported Intermediates Increase Productivity? Plant-level Evidence," *Journal of Development Economics*, 87(1), 2008, 106-118.

Kasahara, Hiroyuki and Katsumi Shimotsu, "Pseudo-likelihood Estimation and Bootstrap Inference for Structural Discrete Markov Decision Models," *Journal of Econometrics* 146(1), 2008, 92-106. (*The 2010 Arnold Zellner award*)

- (b) *Conference Proceedings*
- (c) *Other*

2. NON-REFEREED PUBLICATIONS

- (a) *Journals*
- (b) *Conference Proceedings*
- (c) *Other*

3. BOOKS

- (a) *Authored*
- (b) *Edited*
- (c) *Chapters*

4. PATENTS

5. SPECIAL COPYRIGHTS

6. ARTISTIC WORKS, PERFORMANCES, DESIGNS

7. OTHER WORKS

8. WORK SUBMITTED (including publisher and date of submission)

Kasahara, Hiroyuki and Katsumi Shimotsu, "Testing the Order of Multivariate Normal Mixture Models," reject and resubmit to *Bernoulli Journal*.

9. WORK IN PROGRESS (including degree of completion)

Kasahara, Hiroyuki and Yoichi Sugita, "Nonparametric Identification of Production Function, Total Factor Productivity, and Markup from Revenue Data," October 2020. (90%)

Kasahara, Hiroyuki and Katsumi Shimotsu, "Testing the Number of Regimes in Markov Regime Switching Models," January 2018. (90%)

Kasahara, Hiroyuki, Paul Schrimpf, and Michio Suzuki, "Identification and Estimation of Production Function with Unobserved Heterogeneity," March 2015. (90%)

Kasahara, Hiroyuki, Yawen Liang, and Joel Rodrigue, "Decomposing the Impact of Trade on Aggregate Skill Demand: Plant-level Evidence from Indonesia," August 2018. (80%)

Kasahara, Hiroyuki and Katsumi Shimotsu, "Testing the Number of Components in Finite Mixture Models," October 2012. (80%)

Kasahara, Hiroyuki and Katsumi Shimotsu, "Sequential Estimation of Dynamic Programming Models," October 2011. (60%)