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Work in Progress

1. Country- and sector-specific trade liberalization, directed technical change, and long-run growth
2. Productivity, economic size, and optimal tariff in a Melitz model with capital accumulation

Working Papers

1. On the small-country Melitz model, 2021.

Publications in Refereed Journals

1. Can the optimal tariff be zero for a growing large country? *International Economic Review* 62, 1237–1280, 2021.
2. Trade diversion is reversed in the long run, *Review of Economic Dynamics* 39, 202–219, 2021.
3. Capital accumulation through studying abroad and return migration, with Laixun Zhao, *Economic Modelling* 87, 185–196, 2020.
4. A lab-equipment model of growth with heterogeneous firms and asymmetric countries, *Economics Letters* 181, 33–36, 2019.
5. A larger country sets a lower optimal tariff, *Review of International Economics* 27(2), 643–665, 2019.
6. Growth and welfare effects of unilateral trade liberalization with heterogeneous firms and asymmetric countries, *Journal of International Economics* 109, 167–173, 2017.
7. An asymmetric Melitz model of trade and growth, *Economics Letters* 158, 80–83, 2017.
8. An Eaton-Kortum model of trade and growth, *Canadian Journal of Economics* 50(2), 456–480, 2017.
9. Aid for trade and global growth, *Review of International Economics* 24(5), 1178–1201, 2016.
10. Aid for trade, infrastructure, and growth, *International Tax and Public Finance* 20(6), 886–909, 2013.
11. Aid for trade and welfare, *Japanese Economic Review* 63(2), 216–231, 2012.
12. A Ricardian model of trade and growth with endogenous trade status, *Journal of International Economics* 87(1), 80–88, 2012.
13. A two-country model of trade and growth with intersectoral knowledge spillovers, with Ryoji Ohdoi, *Journal of Economics* 103(1), 39–58, 2011.
14. Aid, non-traded goods, and growth, *Canadian Journal of Economics* 43(2), 423–439, 2010.
15. Aging, transitional dynamics, and gains from trade, with Laixun Zhao, *Journal of Economic Dynamics and Control* 33(8), 1531–1542, 2009.
16. Welfare- and revenue-enhancing tariff and tax reform under imperfect competition, with Kenzo Abe, *Journal of Public Economic Theory* 10(6), 1085–1094, 2008.

17. Dynamics of a two-sector endogenous growth model with intersectoral knowledge spillovers, with Ryoji Ohdoi, *Economic Theory* 35(3), 599–605, 2008.
18. Growth, revenue, and welfare effects of tariff and tax reform: win-win-win strategies, *Journal of Public Economics* 90(6-7), 1263–1280, 2006.
19. Pattern of trade and indeterminacy, *Journal of Macroeconomics* 28(2), 409–427, 2006.
20. Tariff and tax reform: dynamic implications, *Journal of International Economics* 68(2), 504–517, 2006.
21. Revenue-neutral environmental tariff reform, growth, and welfare, *Review of International Economics* 13(5), 985–996, 2005.
22. Pareto-improving untied aid with environmental externalities, *Journal of Economics* 80(2), 161–169, 2003.
23. Revenue-neutral tariff reform and growth in a small open economy, *Journal of Development Economics* 71(1), 213–232, 2003.
24. Tariff revenue, government expenditure and growth in a small open economy, *Japanese Economic Review* 51(3), 391–406, 2000.
25. A rationale for infant-industry protection and gradual trade liberalization, *Review of Development Economics* 4(2), 164–174, 2000.

Other Publications

1. Theories of trade and growth with heterogeneous firms and asymmetric countries (JSIE 13th Kojima Kiyoshi Prize Lecture, refereed), *The International Economy* 22, 21–31, 2019.
2. Kokusai boueki to keizai seichou (International trade and economic growth) (in Japanese), in: Kimura, F., Mukunoki, H. (Eds.), *Kokusai Keizaigaku no Furontei (Frontiers in International Economics)*, University of Tokyo Press, Tokyo, pp. 201–222, 2016.
3. Ricardo model no tenkai (Developments of the Ricardian models) (in Japanese), *Doshisha Shogaku* 66(1) (Special issue in memory of Akihiko Yoshimachi), 90–106, 2014.
4. Taigai enjo to keizai seichou no riron (Theories of foreign aid and economic growth) (in Japanese, refereed), in: Abe, K., Ogaki, M., Ogawa, K., Tabuchi, T. (Eds.), *Gendai Keizaigaku no Choryu (Current Trends in Economics) 2011*, Toyo Keizai, Tokyo, pp. 99–124, 2011.
5. Trade policy and accumulation-based endogenous growth: a selective survey, *Waseda Journal of Political Science and Economics* 378-379 (Special issue in memory of Kazuharu Kiyono), 50–57, 2010.

Media Coverage

1. Trade and growth with heterogeneous firms and asymmetric countries, InsTED (Institutions Trade & Economic Development) network blog, 11/30/2017, <<http://blogs.exeter.ac.uk/insted/2017/11/30/trade-and-growth-with-heterogeneous-firms-and-asymmetric-countries/>>

Presentations

Seminars

2017: RIETI, Hitotsubashi U; 2016: Kansai Macro, RIETI, Economic Theory and Policy Workshop, Kagawa U (Management); 2015: Kobe U (Business), Nihon U (URC), RIETI; 2013: Kyoto U, Nihon U (ARISH); 2012: Bank of Japan, GRIPS, RIETI; 2011: Kansai Macro, Osaka U, Waseda U (Commerce), Waseda U; 2010: Doshisha U, Tohoku U, Nagoya City U, Osaka City U; 2009: Southern Illinois U Carbondale; 2007: Kobe U (RIEB), Hokkaido U, Waseda U (Commerce), GRIPS, Kobe U (RIEB), Yokohama City U; 2006: Kobe U (Business), RIETI, U Hyogo; 2005: GRIPS; 2004: Nanzan U; 2003: Osaka U, Kobe U (RIEB); 2002: Keio U, Kansai Macro; 1999: Ritsumeikan U

International Meetings

2019: International Symposium on the Frontier of International Trade and Regional Science (Zhongnan U Economics and Law), EEA Congress (U Manchester); 2018: Annual Conference on Economic Growth and Development (ISI Delhi), Hitotsubashi Conference on International Trade and FDI (Hitotsubashi U); 2017: Workshop on Trade, Migration and Their Impacts in the East Asia Time Zone (Kobe U), Workshop on International Trade and Investment (Southwestern U Finance and Economics), Workshop on Anti-Globalization Risks and Their Impacts in the East Asia Time Zone (Kobe U); 2016: DEGIT (U Nottingham), Workshop on Economics of Global Interactions (U British Columbia), Australasian Trade Workshop (U Adelaide); 2015: MWIEG Fall Meeting (Pennsylvania State U), Asia Pacific Trade Seminar (Australian National U), IEFS Japan Meeting (Kyoto U), Australasian Trade Workshop (U Sydney); 2014: One-day Trade Workshop (Hitotsubashi U), ETSG Conference (LMU Munich); 2013: One-day Workshop on International Trade and Dynamic Impacts (Kobe U), "Economic Analysis of Technology in the Global Economy" Workshop (RIETI); 2010: Hitotsubashi Conference on International Trade and Industrial Organization (Hitotsubashi U), Irvine-Japan Conference on Public Policy (U California, Irvine); 2009: MWIEG Fall Meeting (Pennsylvania State U), MWIEG Spring Meeting (U Iowa), IEFS Japan Meeting (Kyoto U); 2005: IEFS Japan Meeting (Kobe U), ETSG Conference (U College Dublin), Kobe COE Conference on International Trade (Kobe U); 2003: International Trade and Factor Mobility (Kansai U)

Domestic Meetings

2018: Workshop on Population and Economic Growth (Kumamoto Gakuen U); 2013: Seminar in Memory of Yasuo Uekawa (Ritsumeikan U), Special Session at JEA Fall Meeting (Kanagawa U), IISS Workshop on International Trade (Kobe U); 2012: Winter International Trade Seminar (Otaru U Commerce), Workshop on Innovation and Economic Growth (Hitotsubashi U); 2010: IEFS Japan Meeting (Kobe U), JSIE Meeting (Osaka U), Special Lecture at JEA Fall Meeting (Kwansei Gakuin U); 2007: IEFS Japan Meeting (Chukyo U); 2003: JSIE Meeting (Kyoto U); 2000: JSIE Meeting (Hitotsubashi U); 1999: JEA Spring Meeting (Kagawa U); 1997: IEFS Japan Meeting (Kobe U)

Referee Services

Bulletin of Economic Research, Canadian Journal of Economics, Computational Economics, Economic Inquiry, Economic Letters, Economic Modelling, European Economic Review, International Economic Journal, International Economic Review, International Review of Economics and Finance, International Tax and Public Finance, Japan and the World Economy, Japanese Economic Review, Journal of Economic Growth, Journal of Development Economics, Journal of Economic Theory, Journal of Economics, Journal of Industry, Competition and Trade, Journal of International Economics, Journal of International Trade and Economic Development, Journal of Macroeconomics, Journal of Public Economic Theory, Journal of Public Economics, Journal of the Japanese and International Economies, Macroeconomic Dynamics, Manchester School, Oxford Economic Papers, Review of Development Economics, Review of International Economics, Southern Economic Journal

Awards

- Kojima Kiyoshi Prize, Japan Society of International Economics, Oct. 2018.
(Awarded annually to a society member who has done exceptional research on international economics.)
- Oda Prize, first winner, Japan Society of International Economics, Oct. 2011.
(Awarded annually to a society member no more than the age of 45 who has done excellent research on international trade theory and policy through publications in international refereed journals. Endorsed by Professor Richard Baldwin (Graduate Institute, Geneva).)
- IEFS Japan Young Economists Award, first winner, IEFS Japan, Dec. 2005.
(Awarded occasionally to a young society member who has made outstanding achievements in economics through publications in international refereed journals. There have been only two winners so far.)

- Tokyo Tech Award for Challenging Research, first winner, Tokyo Institute of Technology, Jan. 2003.
(Awarded annually to no more than ten (at that time) Tokyo Tech researchers under the age of 40 who are doing challenging research.)

Grants

- Grant-in-Aid for Scientific Research (C), Japan Society for the Promotion of Science, Apr. 2013 – Mar. 2016; Apr. 2016 – Mar. 2019; Apr. 2019 – Mar. 2022.
- Grant-in-Aid for Young Scientists (B), Japan Society for the Promotion of Science, Apr. 2002 – Mar. 2004; Apr. 2004 – Mar. 2006; Apr. 2006 – Mar. 2008; Apr. 2010 – Mar. 2012.
- Postdoctoral Fellowship for Research Abroad, Japan Society for the Promotion of Science, Feb. 2008 – Feb. 2010.
- Grant-in-Aid for Scientific Research (JSPS Fellows), Japan Society for the Promotion of Science, Apr. 1999 – Mar. 2000.
- Research Fellowship for Young Scientists, Japan Society for the Promotion of Science, Jan. 1999 – Jun. 1999.
- Scholarship, Japan Securities Scholarship Foundation, Apr. 1993 – Mar. 1996.

Courses Taught

Waseda University

Graduate School of Economics

- International Trade (in English) (advanced trade theories), AY2019 – present
- Microeconomics I (in English) (advanced price theory for first-time learners), AY2018 – present
- Microeconomics III (in English) (renamed from “Microeconomics II” in AY2016, advanced price theory), AY2013 – AY2016
- International Public Economic Policy (in English every other year) (advanced theories of trade-related policies), AY2011 – AY2015
- Microeconomics I (intermediate microeconomics), AY2011

School of Political Science and Economics

- International Trade (in English) (intermediate international trade), AY2019 – present
- International Trade (intermediate international trade), AY2019 – present
- International Microeconomic Policy (in English) (introductory international trade), AY2011 – AY2016
- International Microeconomic Policy (introductory international trade), AY2011 – AY2016

Tokyo Institute of Technology

Department of Social Engineering, Graduate School of Decision Science and Technology

- Advanced Macroeconomics II (in English) (covering the second half of Acemoglu “Introduction to Modern Economic Growth”), AY2010
- Advanced Microeconomics (renamed from “Advanced Lectures on Market Mechanism and Policy” in AY2006, advanced price theory), AY2000 – AY2007

Department of Social Engineering, School of Engineering

- International Economics (introductory international trade), AY2010 – AY2011
- Macroeconomics II (covering the second half of Mankiw “Macroeconomics”), AY2010 – AY2011
- Basic Theory of Economics (intermediate microeconomics), AY2000 – AY2007

Thesis Supervision

Waseda University

Doctoral Dissertation

AY2015: Yumiko Taba (member of dissertation committee) (now Assistant Professor, Nishogakusha University)

Master Thesis

AY2020: Lei Sun; AY2015: Ning Li, Yufeng Tang; AY2014: Rui Zhang; AY2013: Yuki Asaoka, Difei Liu, Wenyu Wen; AY2012: Yan Jin; AY2011: Junjie Xu

Bachelor Thesis

AY2015: Kentaro Matsumoto; AY2014: Shuichiro Fujihara

Tokyo Institute of Technology

Master Thesis

AY2006: Naoki Yorozu, Tsuyoshi Yoshida; AY2004: Daisuke Kidokoro; AY2003: Ning Zhang; AY2002: Hisanori Horima; AY2000: Masakazu Aritomi, Naohiro Matsushima, Shinya Minami

Bachelor Thesis

AY2010: Ryo Suzuki (now Assistant Professor (Computer Science), University of Calgary); AY2007: Keisuke Bando (now Assistant Professor, Shinshu University), Yusuke Kasuya (now Assistant Professor, Kobe University), Masashi Kuwata; AY2006: Toru Kanahori; AY2005: Tetsuya Kubota; AY2004: Kentarou Nakanishi, Tsuyoshi Yoshida; AY2003: Toru Katayama; AY2002: Jun Nakamine, Masayuki Takaaze, Masafumi Yoshioka; AY2001: Ning Zhang; AY2000: Hisanori Horima, Kenji Kato, Kaoru Miyazawa, Ryoji Ohdoi (now Associate Professor, Tokyo Institute of Technology)

Editorial Positions

Associate Editor, *Economic Modelling*, May 2020 – present

Academic Positions

Visiting Scholar, Vanderbilt University

Department of Economics, Sep. 2016 – Aug. 2018

Professor, Waseda University

Faculty of Political Science and Economics, Apr. 2011 – present

Adjunct Researcher, Kobe University

RIEB, Apr. 2007 – Mar. 2008; Apr. 2010 – Mar. 2017

Visiting Scholar, University of California, San Diego

IR/PS, Feb. 2008 – Feb. 2010

Associate Professor, Tokyo Institute of Technology

Department of Social Engineering, Apr. 2000 – Mar. 2011

Research Associate, Osaka University

Graduate School of Economics, Jul. 1999 – Mar. 2000

Education

Ph.D. Osaka University Economics, Jun. 1999

M.A. Osaka University Economics, Mar. 1998

B.A. Waseda University Economics, Mar. 1996

Professional Affiliations

- International Economics and Finance Society Japan
- Japanese Economic Association
 - Member of Program Committee, 2016 Spring Meeting
 - Member of Program Committee, 2011 Spring Meeting
- Japan Society of International Economics
 - Board Member, Oct. 2012 – Oct. 2016