

# Keisuke Kondo

Research Institute of Economy, Trade and Industry (RIETI)

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 <https://keisukekondokk.github.io/>

## CURRENT POSITION

Senior Fellow,  
Fellow,  
Research Institute of Economy, Trade and Industry.

Apr 2020 – Present  
Apr 2014 – Mar 2020

Associate Professor (Cross Appointment),  
Research Institute for Economics and Business Administration,  
Kobe University.

Mar 2022 – Present

## EDUCATION

Ph.D., Economics, Kobe University.  
M.A., Economics, Kobe University.  
B.A., Foreign Studies, Nanzan University.

Mar 2014  
Mar 2010  
Mar 2007

## RESEARCH INTERESTS

Urban and Regional Economics, Applied Econometrics, Labor Economics, Development Economics

## PUBLICATIONS

### ✦ Peer-reviewed Journal Articles

- [1] Kondo, K. “Spatial dependence in regional business cycles: Evidence from Mexican states,” *Journal of Spatial Econometrics*, 3, Article number: 1 (2022).  
DOI: 10.1007/s43071-021-00018-z
- [2] Kondo, K. “Simulating the impacts of interregional mobility restriction on the spatial spread of COVID-19 in Japan,” *Scientific Reports*, 11, 18951 (2021).  
DOI: 10.1038/s41598-021-97170-1
- [3] Kondo, K. “Does agglomeration discourage fertility? Evidence from the Japanese General Social Survey 2000–2010,” *Journal of Economic Geography*, 19(3), pp. 677–704, (2019).  
DOI: 10.1093/jeg/lbx048
- [4] Kondo, K. “Sourcing patterns of export-platform foreign affiliates: The case of Japanese affiliates in Mexico,” *The World Economy*, 41(5), pp. 1437–1456, (2018).  
DOI: 10.1111/twec.12579
- [5] Kondo, K. “Hot and cold spot analysis using Stata,” *Stata Journal*, 16(3), pp. 613–631, (2016).  
DOI: 10.1177/1536867X1601600304
- [6] Kondo, K. “Spatial persistence of Japanese unemployment rates,” *Japan and the World Economy*, 36, pp. 113–122, (2015).  
DOI: 10.1016/j.japwor.2015.11.001
- [7] Kondo, K. “Migration response to high unemployment rates: Spatial econometric analysis using Japanese municipal data,” *Journal of the Japan Statistical Society (Japanese Journal)*, 45, (2015). (in Japanese)  
DOI: 10.11329/jjssj.45.69
- [8] Kondo, K., Okubo, T. “Interregional labour migration and real wage disparities: Evidence from Japan,” *Papers in Regional Science*, 94(1), pp. 67–87, (2015).  
DOI: 10.1111/pirs.12055

### ✦ Book Chapters

- [1] Kondo, K. “Combating infectious diseases and urban policy,” in Kobayashi, K., Morikawa, M. (eds.) *Economics of the COVID-19 Crisis: Proposals and Analyses*, Chapter 19, Tokyo: Nikkei Business Publications, (2020).

## ✚ Articles in Media

- [1] Kondo, K. “Future of Cities Beyond the COVID-19 Crisis,” *FORE*, Vol. 127, pp. 10–11, 2023, Real Estate Companies Association of Japan.
- [2] Kondo, K. “How Will Covid-19 Reshape Cities in Japan?” *Japan SPOTLIGHT*, January/February 2021, pp. 24–27, Japan Economic Foundation.
- [3] Kondo, K. “Productivity impacts of minimum wage hikes,” *VOX*, CEPR, Jan 14, 2020
- [4] Hamaguchi, N., Kondo, K. “AI technology and gender inequality,” *VOX*, CEPR, Apr 11, 2019
- [5] Kondo, K. “Working in large cities increases wages,” *Keizai Seminar*, 2018 Jun/Jul, Nippon Hyoron Sha, 2018 (in Japanese)
- [6] Kondo, K. “Job substitution does not equal job disappearance: Employment and education policies in the era of AI and robotics,” *VOX*, CEPR, Mar 24, 2018
- [7] Kondo, K. “Agglomeration benefits versus firm selection,” *VOX*, CEPR, Jul 23, 2017
- [8] Kondo, K. “Decreasing international trade costs and regional economic decline,” *Nikkei Business*, Economic Argument (Kiei No Keizai Ronten), Oct 31, 2016 (in Japanese)
- [9] Hamaguchi, N., Kondo, K. “Making agglomeration ‘metabolised’ for innovation,” *VOX*, CEPR, Feb 7, 2016.

## WORKS IN PROGRESS

- [1] Kondo, K. “Distinguishing the urban wage premium from human capital externalities: Evidence from Mexico,” RIEB Discussion Paper No. DP2024-09, (2024).
- [2] Kondo, K. “Local export spillovers within and between industries in Japan,” RIETI Discussion Paper No. 23-E-090, (2023).
- [3] Kondo, K. “Measuring the attractiveness of trip destinations: A study of the Kansai region of Japan,” RIEB Discussion Paper No. DP2023-07, (2023).
- [4] Kondo, K. “Municipality-level panel data and municipal mergers in Japan,” RIETI TP 23-T-001, (2023).  
⇒ Japanese version: RIETI TP 19-T-001.
- [5] Kondo, K. “Monopolar concentration in Tokyo and promotion of urban-to-rural migration,” RIETI PDP 22-P-031, (2022).  
⇒ Previous Version: “Monopolar concentration in Tokyo and promotion of urban-to-rural migration,” RIETI PDP 19-P-006, (2019). (in Japanese)
- [6] Hamaguchi, N., Kondo, K. “Spatial gaps in minimum wages and job search of young workers,” REITI DP 22-E-022, (2022).
- [7] Iwata, S., Kondo, K. “The spillover effects of compact city policy on incumbent retailers: Evidence from Toyama city,” RIETI DP 21-E-085, (2021).  
⇒ Previous Version: Iwata, S., Kondo, K. “Does compact city policy benefit incumbent retailers? Evidence from Toyama city,” RIETI DP 19-J-069, (2019). (in Japanese)
- [8] Kondo, K., Okubo, T. “The impact of market size on firm selection,” RIETI DP 20-E-053, (2020).
- [9] Kondo, K., Okubo, T. “The revitalization of shrinking cities: Lessons from the Japanese service sector,” RIETI DP 20-E-050, (2020).
- [10] Kondo, K. “Markup and market size: Evidence from Japan,” RIETI DP 18-E-017, (2020).  
⇒ Previous Version: “Markups, city size, and exports: Evidence from Japan,” RIETI DP 18-E-017, (2018).
- [11] Kondo, K. “A structural estimation of disutility of commuting,” RIETI DP 20-E-023, (2020).  
⇒ Previous Version: Kondo, K. “Disutility of commuting and structural estimation,” RIETI DP 19-J-014. (in Japanese)
- [12] Kondo, K. “The costs of urban agglomeration: Evidence from the inbound boom in Japan,” RIETI DP 19-E-106, (2019).
- [13] Hamaguchi, N., Kondo, K. “Regional employment and artificial intelligence in Japan,” RIETI DP 18-E-032, (2018).  
⇒ Previous Version: Kondo, K. “Regional employment and artificial intelligence,” RIETI DP 17-J-023. (in Japanese)
- [14] Kondo, K. “Urban wage premium revisited: Evidence from Japanese matched employer-employee data,” RIETI DP 17-E-047, (2017).
- [15] Kondo, K. “Dynamic benefits of working in large cities: Evidence from Japanese matched employer-employee data,” RIETI DP 17-E-043, (2017).

- [16] Kondo, K. “Testing for agglomeration economies and firm selection in spatial productivity differences: The case of Japan,” RIETI DP 16-E-098, (2016).
- [17] Hamaguchi, N., Kondo, K. “Fresh brain power and quality of innovation in cities: Evidence from Japanese patent database,” RIETI DP 15-E-108, (2015).
- [18] Kondo, K. “Disentangling the channels of agglomeration impacts on individual wages: The case of Mexican banking sector,” (2015).
- [19] Kondo, K. “Regional unemployment rates in an agglomeration economy: A theoretical and empirical analysis,” (2015)  
 ⇒ Previous Version: “Market potential, wage inequality, and regional unemployment rates”

## **SOFTWARE**

### **✦ Stata Modules**

ESTQUANT: Stata module for quantile approach by Combes et al. (2012, *Econometrica*) (Ver. 1.10)  
 (URL: <https://ideas.repec.org/c/boc/bocode/s458343.html>)

GETISORD: Stata module for hot and cold spot analysis by Getis–Ord  $G_i^*(d)$  (Ver. 1.32)  
 (URL: <https://www.stata-journal.com/article.html?article=st0446>)

MORANSI: Stata module to compute Moran’s  $I$  (Ver. 1.21)  
 (URL: <https://ideas.repec.org/c/boc/bocode/s458473.html>)

SPGEN: Stata module to generate spatially lagged variables (Ver. 1.40)  
 (URL: <https://ideas.repec.org/c/boc/bocode/s458105.html>)

### **✦ Shiny Web Apps**

Administrative Boundaries in Japan  
 (URL: <https://keisuke-kondo.shinyapps.io/administrative-boundaries-japan/>)  
 This web app visualizes historical administrative boundaries in Japan, which is the supplementary material of Kondo (2023).

Regional Attractiveness Index Visualization System  
 (URL: <https://keisuke-kondo.shinyapps.io/regional-attractiveness-japan/>)  
 This shiny app visualizes the regional attractiveness index, estimated from the Mobile Spatial Statistics® of NTT DOCOMO.

Regional Attractiveness Index in the Kansai Region of Japan  
 (URL: <https://keisuke-kondo.shinyapps.io/regional-attractiveness-kansai/>)  
 This shiny app visualizes the regional attractiveness index proposed by Kondo (2023). The indices are estimated from the 2010 Person Trip Survey and the Mobile Spatial Statistics® of NTT DOCOMO in the Kansai region of Japan.

Migration Simulator  
 (URL: <https://keisuke-kondo.shinyapps.io/migration-simulator-en/>)  
 This shiny app examines the costs and benefits of interregional migration in Japan. See Kondo (2022) for more details.

COVID-19 Simulator in Japan  
 (URL: <https://keisuke-kondo.shinyapps.io/covid19-simulator-japan/>)  
 This shiny app visualizes simulation results of the spatial spread of COVID-19 obtained from the spatial SEIR model with interregional mobility in Japan. See Kondo (2020) for more details.

COVID-19 Map in Tokyo  
 (URL: <https://keisuke-kondo.shinyapps.io/stopcovid19tokyo/>)  
 This shiny app visualizes the geographical distribution of COVID-19 in Tokyo.

## **RESEARCH FUNDING**

“Economic and social integration of immigrants in Japan: gender differences in behaviors and outcomes,” JSPS Grant-in-Aid for Scientific Research (C), Grant Number 23K01432.

Apr 2023 – Mar 2028

“Communication systems and development of urban and regional space: Implications for Tokyo monopolar concentration and work style reform,” JSPS Grant-in-Aid for Scientific Research (C), Grant Number 23K01348.

Apr 2023 – Mar 2026

“Research on Promotion of Tourism and Commercial Revitalization in Kobe City Using Human Mobility Data,” University-Launched Urban Innovation Kobe, Kobe City, Grant Number A22115.

Nov 2022 – Mar 2023

“Integrated Economic Analysis of Microdata and Geospatial Information,” JSPS Grants-in-Aid for Scientific Research (KAKENHI), Grant-in-Aid for Scientific Research (C), Grant Number 21K01497.

Apr 2021 – Mar 2026

“Empirical analysis of impacts of commuting on married couples’ labor supply and fertility behavior,” JSPS Grants-in-Aid for Scientific Research (KAKENHI), Young Scientists (B), Grant Number 17K13743.  
Apr 2017 – Mar 2022

“Decomposition analysis of effects of agglomeration economies: using matched employer-employee data,” JSPS Grants-in-Aid for Scientific Research (KAKENHI), Young Scientists (B), Grant Number 15K17066.  
Apr 2015 – Mar 2017

## **PRESENTATIONS IN ACADEMIC SOCIETY**

- [1] Japan Society of International Economics, Spring Meeting, Sendai, Jun 2024
- [2] Applied Regional Science Conference, 36th Annual Meeting, Osaka, Dec 2023
- [3] 2023 Stata Conference, Stanford, California, Jul 2023
- [4] Western Regional Science Association, 62nd Annual Meeting, Waikoloa Village, HI, Feb 2023
- [5] Applied Regional Science Conference, 36th Annual Meeting, Kofu, Dec 2022
- [6] Applied Regional Science Conference, 35th Annual Meeting, Virtual Conference, Nov 2021
- [7] Western Regional Science Association, 60th Annual Meeting, Virtual Conference, Feb 2021
- [8] Applied Regional Science Conference, 33rd Annual Meeting, Saga, Nov 2019
- [9] Japanese Economic Association, Autumn Meeting, Kobe, Oct 2019
- [10] Applied Regional Science Conference, 32nd Annual Meeting, Nagoya, Dec 2018
- [11] Japanese Society of International Economics, 78th Annual Meeting, Nishinomiya, Oct 2018
- [12] Japanese Economic Association, Spring Meeting, Kobe, Jun 2018
- [13] Urban Economic Association, 8th European Meeting, Düsseldorf, May 2018
- [14] Western Regional Science Association, 57th Annual Meeting, Pasadena, CA, Feb 2018
- [15] Applied Regional Science Conference, 31st Annual Meeting, Kobe, Nov 2017
- [16] Japanese Economic Association, Autumn Meeting, Tokyo, Sep 2017
- [17] Applied Regional Science Conference, 30th Annual Meeting, Kobe, Nov 2016
- [18] North American Meetings of the RSAI, 63rd Annual Meeting, Minneapolis, MN, Nov 2016
- [19] Asian Seminar in Regional Science, 6th Annual Meeting, Sendai, Sep 2016
- [20] Japanese Economic Association, Autumn Meeting, Tokyo, Sep 2016
- [21] Japanese Economic Association, Spring Meeting, Nagoya, Jun 2016
- [22] Western Regional Science Association, 55th Annual Meeting, Waikoloa Village, HI, Feb 2016
- [23] Applied Regional Science Conference, 29th Annual Meeting, Tokyo, Nov 2015
- [24] North American Meetings of the RSAI, 62nd Annual Meeting, Portland, OR, Nov 2015
- [25] Western Regional Science Association, 54th Annual Meeting, Tucson, AZ, Feb 2015
- [26] Applied Regional Science Conference, 28th Annual Meeting, Okinawa, Dec 2014
- [27] Western Regional Science Association, 53rd Annual Meeting, San Diego, CA, Feb 2014
- [28] Applied Regional Science Conference, 27th Annual Meeting, Kyoto, Dec 2013
- [29] Japanese Economic Association, Spring Meeting, Poster Session, Toyama, Jun 2013
- [30] Japan Society of International Economics, Spring Meeting, Fukuoka, Jun 2013
- [31] Japanese Economic Association, Spring Meeting, Poster Session, Sapporo, Jun 2012
- [32] Applied Regional Science Conference, 25th Annual Meeting, Toyama, Dec 2011

[33] Japan Society of International Economics, Annual Conference, Poster Session, Tokyo, Oct 2011

## PRESENTATIONS IN SEMINARS AND WORKSHOPS

- [1] Urban Economics Workshop, The University of Tokyo, May 2023
- [2] The 121st CAPS Research Workshop, Kyoto University, March 2023
- [3] Kansai Labor Economics Workshop, Webinar, Feb 2022
- [4] Yokohama City University, Graduate School of International Management, Webinar, Dec 2021
- [5] Kobe University, Department of Civil Engineering, Webinar, Nov 2021
- [6] The Japan Society of International Economics Kanto, Webinar, Apr 2021
- [7] The Third International Seminar “Market Structure and Spatial Economics,” Higher School of Economics, Webinar, Apr 2021
- [8] BBL, Policy Research Institute, Jan 2020
- [9] Applied Economics Workshop, Keio University, Oct 2019
- [10] Microdata Workshop, Kobe University, Jul 2019
- [11] Workshop on Frontier of Modern Economics, Aoyama Gakuin University, Jun 2019
- [12] Tokyo Labor Economics Workshop, University of Tokyo, Oct 2018
- [13] 2017 Japanese Stata Users Group Meeting, Kyoto, Sep 2017
- [14] Urban Economics Workshop, Kyoto University, Jul 2017
- [15] Regional Science Workshop, Tohoku University, Jun 2017
- [16] Tokyo Labor Economics Workshop, University of Tokyo, Dec 2016
- [17] NUPRI Economics-Demography Workshop, Nihon University, Jul 2016
- [18] Workshop “Geography, Inter-firm Networks, and International Trade,” RIETI, Mar 2016
- [19] Rokko Forum (KUMA Seminar, RIEB Seminar), Kobe University, Dec 2015
- [20] RIETI-TIER-KIET Workshop “Regional Revitalization in the Global Economy,” Oita, Oct 2015
- [21] Urban Economics Workshop, GRIPS, Jan 2015
- [22] Kansai Econometrics Workshop, Osaka University, Jan 2015
- [23] Macroeconomic Analysis Workshop, Asia Pacific Institute of Research, Nov 2014
- [24] Urban Economics Workshop, Kyoto University, Oct 2014
- [25] Brown Bag Lunch Seminar, Kyoto University, Nov 2013
- [26] ARISH Economics Workshop, Nihon University, Jul 2013
- [27] CIE Brown Bag Seminar, Instituto Tecnológico Autónomo de México, Oct 2012
- [28] Barcelona Labor Economics Summer School, Barcelona Graduate School of Economic, Jul 2012
- [29] Empirical Applied Economics Workshop, Tohoku University, Mar 2012
- [30] Kansai Econometrics Workshop, Kobe University, Jan 2012
- [31] Urban Economics Workshop, Kyoto University, Jul 2011
- [32] International Trade, Investment, and Economic Development Seminar, Keio University, May 2011

## PROFESSIONAL ASSOCIATIONS

American Economic Association.	Apr 2021 – Present
Applied Regional Science Conference.	Apr 2011 – Present
Japan Society of International Economics.	Apr 2012 – Present
Japanese Economic Association.	Apr 2012 – Present
Regional Science Association International.	Jan 2015 – Present
Western Regional Science Association.	Dec 2013 – Present

## REVIEW

*Annals of Regional Science* (3); *Contemporary Economics*; *The Developing Economies* (2); *Hitotsubashi Journal of Economics*; *International Regional Science Review*; *Japanese Economic Review* (2); *Journal of Asian Economics*; *Journal of Demographic Economics*; *Journal of the Japanese and International Economies*; *Journal of Political Economy*; *Journal of Regional Analysis and Policy*; *Journal of Regional Science* (5); *Journal and the World Economy*; *Reality, Data and Space. International Journal of Statistics and Geography*; *Papers in Regional Science*; *REGION*; *Regional Science and Urban Economics*; *Scientific Reports*; *The Review of Regional Studies*;

<b>TEACHING</b>	Applied Econometric Analysis 1. School of Management, Tokyo University of Science.	Apr 2020 – Sep 2020
	Applied Econometric Analysis 1. School of Management, Tokyo University of Science.	Apr 2019 – Sep 2019
	International Trade A/B. Faculty of Economics, Hosei University.	Apr 2018 – Mar 2019
<b>SCHOLARSHIPS, FELLOWSHIP, AWARDS</b>	Bronze Award (General Category) 2023 Urban Data Challenge with 2023 Infrastructure Data Challenge. “Visualization System of Human Mobility Based Regional Attractiveness”	March 2024
	Springer Prize, Western Regional Science Association. “Disentangling the channels of agglomeration impacts on individual wages: The case of Mexican banking sector” (Kondo, K.)	Feb 2015
	Kanematsu Fellowship (Nishijima Prize), RIEB, Kobe University. “Spatial dependence in regional business cycles: Evidence from Mexican states” (Kondo, K.)	2014
	Ryōsō Award, Graduate School of Economics, Kobe University.	2014
	Scholarships of the Mexican Government for Foreigners 2012, Secretaría de Relaciones Exteriores, Mexico.	Aug 2012 – May 2013
	Hisa Scholarship, Graduate School of Economics, Kobe University.	2012
	Japan-Mexico Trainee and Student Exchange Program, Consejo Nacional de Ciencia y Tecnología, Mexico.	Aug 2008 – Jul 2009
	Tazaki Scholarship, RIEB, Kobe University.	Jul 2007 – Feb 2008
<b>STUDY ABROAD</b>	Dean’s Award, Nanzan University.	2007
	Visiting Student, Ph.D. Program in Economics, Instituto Tecnológico Autónomo de México.	Aug 2012 – May 2013
	Barcelona Labor Economics Summer School, Barcelona Graduate School of Economics.	Jul 2–6, 2012
	Centro de Enseñanza para Extranjeros, Universidad Nacional Autónoma de México.	Jan 2009 – Jul 2009
	Centro de Estudios para Extranjeros, Universidad de Guadalajara.	Aug 2008 – Jan 2009

*(Last updated: April 6, 2024)*