

Health Services Research

Principal Investigator Nanako Tamiya

E-mail.address ntamiya@md.tsukuba.ac.jp

URL <https://hsr.md.tsukuba.ac.jp>



Other Faculty Members

Professor Takehiro Sugiyama: tsugiyama@md.tsukuba.ac.jp

Associate Professor Taeko Watanabe: watanabe.taeko@md.tsukuba.ac.jp

Assistant Professor Kazuaki Uda: uda.kazuaki.gn@u.tsukuba.ac.jp

Assistant Professor Jun Komiyama: jkomiyama@md.tsukuba.ac.jp

Assistant Professor Yuta Taniguchi: taniguchi.yuta.ga@u.tsukuba.ac.jp

Assistant Professor Son yu: sunyu@md.tsukuba.ac.jp

Assistant Professor Felipe Sandoval: sandoval.felipe.ga@u.tsukuba.ac.jp

Major Scientific Interests of the Group

We assess and analyze the quality of various medical services (including nursing, health and welfare care) using the health services research method. Our goal is to improve the quality of services via outcome research through an interdisciplinary research approach. We use verified data to help realize the idea of medical care in harmony with life.

Projects for Regular Students in Doctoral or Master's Programs

- 1) Useful regional indicators for the planning of long-term care projects (assistance): using claim data from the national long-term care system and others.
- 2) Verification of the method of linking medical care information and construction of logic and regional difference analysis of medical care
- 3) Study on factor analysis of healthy life expectancy and regional disparity and validation of health promotion measures

Study Programs for Short Stay Students (one week – one trimester)

Part of the aforementioned projects 1) ~ 3)

Selected Publications

- 1) Jin X, Tamiya N, Uda K, Yasunaga H. The impact of additional payments on functional decline among long-term care health facility residents in Japan. *Age and Ageing*, 50(6):2055-2062, doi: 10.1093/ageing/afab121, 2021. IF=10.668
- 2) Sato M, Tamiya N, Jin X, Watanabe T, Takahashi H, Noguchi H. Impact of a Japanese Incentivization Program to Increase End-of-Life Care Outside of Hospitals. *Journal of the American Medical Directors Association*, 22(2):329-333, doi: 10.1016/j.jamda.2020.09.021, 2021. IF=4.367
- 3) Abe K, Kawachi I, Taniguchi Y, Tamiya N. Municipal characteristics of in-home death among care-dependent older Japanese adults. *JAMA Netw Open*, 2022;5(1):e2142273, doi:10.1001/jamanetworkopen.2021.42273, 2022. IF=8.485
- 4) Taniguchi Y, Kuno T, Komiyama J, Adomi M, Suzuki T, Abe T, Ishimaru M, Miyawaki A, Saito M, Ohbe H, Miyamoto Y, Imai S, Kamio T, Tamiya N, Iwagami M. Comparison of patient characteristics and in-hospital mortality between patients with COVID-19 in 2020 and those with influenza in 2017-2020: a multicenter, retrospective cohort study in Japan. *Lancet Reg Health West Pac*, 20:100365, doi: 10.1016/j.lanwpc.2021.100365, 2022. IF=8.559
- 5) Komiyama J, Iwagami M, Mori T, Kuroda N, Jin X, Ito T, Tamiya N. Factors Associated with Outpatient Cardiac Rehabilitation Participation in Older Patients: A Population-Based Study Using Claims Data from

Two Cities in Japan. *Annals of Clinical Epidemiology*, 4 (1): 11–19, 2022

- 6) Sun Y, Iwagami M, Komiyama J, Sugiyama T, Inokuchi R, Sakata N, Ito T, Yoshie S, Matsui H, Kume K, Sanuki M, Kato G, Mori Y, Ueshima H, Tamiya N. Association between types of home healthcare and emergency house calls, hospitalization, and end-of-life care in Japan. *Journal of the American Geriatrics Society (JAGS)*, <https://doi.org/10.1111/jgs.18268>, 2023. IF=7.538
- 7) Hamasaki Y, Sakata N, Jin X, Sugiyama T, Morita K, Uda K, Matsuda S, Tamiya N. Facility staffing associated with potentially avoidable hospitalizations in nursing home residents in Japan: a retrospective cohort study. *BMC Geriatr*. 2023 Sep 15;23(1):566, 2023. IF=4.1
- 8) Sakamoto A, Inokuchi R, Iwagami M, Sun Y, Tamiya N. Association between advanced care planning and emergency department visits: A systematic review. *The American Journal of Emergency Medicine*, 2023 Jun;68:84-91. doi: 10.1016/j.ajem.2023.03.004. IF= 4.093
- 9) Kuroda N, Tamiya N. Excess mortality among adults with mental disorders treated in psychiatric and general medical settings: A population-based cohort study using municipal medical claims data in Japan. *Asian Journal of Psychiatry*, 88:103719, doi: 10.1016/j.ajp.2023.103719, 2023. IF=9.5
- 10) Kawamura C, Iwagami M, Sun Y, Komiyama J, Ito T, Sugiyama T, Bando H, Tamiya N. Factors associated with non participation in breast cancer screening: analysis of the 2016 and 2019 comprehensive survey of living conditions in Japan. *Breast Cancer*, doi: 10.1007/s12282-023-01486-x, 2023 .IF=4.0