

Thomas Svensson

2 学術論文 Published academic articles

【Original articles with peer-review】

- 1) Staffini A, Svensson AK, Chung U-I, Svensson T.
An Agent-Based Model of the Local Spread of SARS-CoV-2: Modeling Study. JMIR Med Inform. 2021;9(4):e24192.
- 2) Aida, A., Svensson, T., Svensson, A. K., Urushiyama, H., Okushin, K., Oguri, G., . . . Chung, U.-I. (2020). Using mHealth to Provide Mobile App Users With Visualization of Health Checkup Data and Educational Videos on Lifestyle-Related Diseases: Methodological Framework for Content Development. JMIR Mhealth Uhealth, 8(10), e20982. doi:10.2196/20982
- 3) Miyashita, H., Nakamura, M., Svensson, A. K., Nakamura, M., Tokuno, S., Chung, U. I., & Svensson, T. (2020). Association Between Electroencephalogram-Derived Sleep Measures and the Change of Emotional Status Analyzed Using Voice Patterns: Observational Pilot Study. JMIR Form Res, 4(6), e16880. doi:10.2196/16880
- 4) Miyashita, H., Svensson, T., Nakamura, M., & Svensson, A. K. (2020). The Association Between Hemoglobin Upswing in the Reference Range and Sleep Apnea Syndrome. Sleep and Vigilance, 4(2), 205-212. doi:10.1007/s41782-020-00093-6

【Review articles with peer-review】

- 5) Aida, A., Svensson, T., Svensson, A. K., Chung, U.-I., & Yamauchi, T. (2020). eHealth Delivery of Educational Content Using Selected Visual Methods to Improve Health Literacy on Lifestyle-Related Diseases: Literature Review. JMIR Mhealth Uhealth, 8(12), e18316. doi:10.2196/18316

4 学会，協会，公的団体の委員など Membership of academic conferences, academies, and public institutions

- 1) Project researcher at the Precision Health group, Department of Bioengineering, the University of Tokyo. My research uses digital health data and big data with a specific focus on stress and sleep.
- 2) Visiting researcher at the National Cancer Center, Japan. My research uses the largest longitudinal cohort study in Japan (the Japan Public Health Center-based Prospective Study).
- 3) Researcher at Lund University, Sweden. My research focuses on novel biomarkers and genomic research in a general population cohort.
- 4) Member of the Japan Epidemiological Association
- 5) Member of the Swedish Society of Medicine
- 6) Member of the Swedish Medical Association

5 社会貢献 Regional contributions and contributions to society

- 1) Member of the organizing committee for a symposium in Okinawa on the topic of Longevity and Healthy Ageing. The symposium is organized by the Royal Swedish Academy of Sciences and the Journal of Internal Medicine. The symposium will be held between October 29-30, 2021.
- 2) I am involved in a collaborative project with Kanagawa prefecture analyzing the Kanagawa Database (KDB).

7 学会等での活動 Activities at academic conferences

- 1) Member of the organizing committee for a symposium in Okinawa on the topic of Longevity and Healthy Ageing. The symposium is organized by the Royal Swedish Academy of Sciences and the Journal of Internal Medicine. The symposium will be held between October 29-30, 2021. Symposium website:
https://www.trippus.net/JIM_KeySymposium_Okinawa2021

8 学内教育活動 Educational activities at KUHS/SHI

- 1) Course manager of “Introduction to Epidemiology”
- 2) Course manager of “Oral presentation”
- 3) Course manager of “Global Health Policy”
- 4) Supervising 4 Masters’ Students
- 5) Guest lecturer for the course “Injury control”.

9 学内各種委員会活動 Activities of various committees at KUHS/SHI

- 1) Chairman of the International Affairs committee
- 2) Serving on the Steering committee
- 3) Serving on the Admissions committee
- 4) Serving on the COI

10 科学研究費補助金，その他の補助金などの受託 Grants-in-Aid for Scientific Research (KAKENHI) or other grants

- 1) Grant-in-Aid for Early-Career scientist, Japan Society for the Promotion of Science (JSPS). Duration: 2019.04 – 2021.03. Title of the research project: “A 12-month longitudinal study using deep learning techniques on objective and subjective sleep data”. The total amount received is 3,000,000 Yen.

13 特許など Patents and Copyrights

- 1) Application number: 2020-115700. Name & Contents: Health support devices, health support methods and programs.

14 その他 Other works

- 1) Ongoing international collaboration with Lund University in Sweden.