

# Chaochen Wang

Senior Associate

✉ [chaochen@wangcc.me](mailto:chaochen@wangcc.me) ☎ +81 90-6592-0459 🌐 [wangcc.me](http://wangcc.me) | Updated: July 27, 2022

## EDUCATION

London School of Hygiene & Tropical Medicine, MSc of Medical Statistics, Distinction Degree 2018.9  
Nagoya University Graduate School of Medicine, Doctor of Philosophy (Medical Science) 2016.3  
Nagoya University Graduate School of Medicine, Master of Medical Science 2013.3  
Shanghai Jiaotong University, B.S. Nutrition Science 2010.7

## CAREER HISTORY

Japan Value, Evidence and Outcomes, Japan Drug Development and Medical Affairs (JDD&MA), Eli Lilly and Company Japan K.K.

Senior Associate

2021.10–present

*Responsibility: Health technique assessment (HTA), Real world evidence (RWE) generation.*

**Department of Public Health, Aichi Medical University School of Medicine:**

Assistant Professor

2015.4–2021.9

*Responsibility: teaching and research*

- Working closely with the professors and other colleagues mainly in epidemiology of gastroenterological cancer
- Responsible for statistical consulting from medical doctors in the university hospital
- Responsible for education to undergraduate medical students on statistical methods used in medical researches
- Cooperating with medical doctors in hospital university on projects studying locomotive syndrome

*Projects:*

- Data analysis using large scale cohort studies such as the Japan Collaborative Cohort Study, literature meta-analysis, the UK National Diet and Nutrition Survey Rolling Program data, and data provided by doctors in Aichi Medical University hospital
- All projects and publications were conducted under Linux environment such as Ubuntu OS with R, STATA, and/or Python language
- Presented in the World Congress of Epidemiology in Alaska (2014) as well as in Saitama (2017) as poster presentations
- Recent research on the day-time patterns of carbohydrate intake using the UK national Diet and Nutrition Survey data was accepted as oral presentation in the 13th European Nutrition Conference in Dublin, Ireland 2019

**Clinical Study Support:**

Part-time Researcher (8h/w)

2018.10–2021.6

*Responsibility: statistical analysis, training of the analysis team*

- Experience in producing statistical analysis plan (SAP) for clinical and observational studies; conducted detailed comparisons and results calculation on cancer survival from hospital clients; performed database analyses through commercial medical databases such as Medical Database Vision.
- Organizing statistical study seminars to train the team members and learn the latest statistical knowledge and skills for on-going and future study projects

*Responsibility: statistical analysis, medical writing quality check, statistical analysis seminar lecturer*

- Experience in producing statistical analysis plan (SAP), perform analysis, and result presentation for descriptive statistical analysis on COVID-19 patients using large scale database that include electronic medical records (EMR) and medical expenses claim.
- Enrolled as a seminar lecturer for a commercial seminar entitled “To maximize the usage of database research - study design and statistical analysis”, and responsible for the SAS practical session.
- Providing professional medical manuscript writing quality check.

## PUBLICATIONS

- **\*Wang, C.**, Yatsuya, H., Tamakoshi, K., Uemura, M., Li, Y., *et al.* 2013. Positive association between high-sensitivity C-reactive protein and incidence of type 2 diabetes mellitus in Japanese workers: 6-year follow-up. **Diabetes Metab Res Rev** 29, 398–405.
- **\*Wang, C.**, Yatsuya, H., Tamakoshi, K., Iso, H., Tamakoshi, A., 2015. Milk drinking and mortality: findings from the Japan collaborative cohort study. **J Epidemiol** 25, 66–73.
- **\*Wang, C.**, Yatsuya, H., Tamakoshi, K., Toyoshima, H., Wada, K., *et al.* 2015. Association between parental history of diabetes and the incidence of type 2 diabetes mellitus differs according to the sex of the parent and offspring’s body weight: A finding from a Japanese worksite-based cohort study. **Prev Med** 81, 49–53.
- **\*Wang, C.**, Yatsuya, H., Li, Y., Ota, A., Tamakoshi, K., *et al.* 2016. Prospective study of seaweed consumption and thyroid cancer incidence in women: the Japan collaborative cohort study. **Eur J Cancer Prev** 25, 239–245.
- **\*Wang, C.**, Chiang, C., Yatsuya, H., Hilawe, E.H., Ikerdeu, E., *et al.* 2017. Descriptive Epidemiology of Hypertension and its Association with Obesity: Based on the WHO STEPwise Approach to Surveillance in Palau. **Asia Pac J Public Health** 29, 278–287.
- **\*Wang, C.**, Nishiyama, T., Kikuchi, S., Inoue, M., Sawada, N., Tsugane, S., Lin, Y., 2017. Changing trends in the prevalence of *H. pylori* infection in Japan (1908–2003): a systematic review and meta-regression analysis of 170,752 individuals. **Sci Rep** 7, 15491.
- **\*Wang, C.**, Almoosawi, S., & Palla, L., 2019. “Day-Time Patterns of Carbohydrate Intake in Adults by Non-Parametric Multi-Level Latent Class Analysis—Results from the UK National Diet and Nutrition Survey (2008/09–2015/16),” **Nutrients**, vol. 11, no. 10, p. 2476.
- **\*Wang, C.**, Ikemoto, T., Hirasawa, A., Arai, Y.-C., Kikuchi, S. and Deie, M., 2020. Assessment of locomotive syndrome among older individuals: a confirmatory factor analysis of the 25-question Geriatric Locomotive Function Scale. **PeerJ**, 8, e9026.
- **\*Wang, C.**, Yatsuya, H., Lin, Y., Sasakabe, T., Kawai, S., Kikuchi, S., Iso, H. and Tamakoshi, A., 2020. Milk Intake and Stroke Mortality in the Japan Collaborative Cohort Study—A Bayesian Survival Analysis. **Nutrients**, 12, 2743.
- Kawai, S., **\*Wang, C.**, Lin, Y., Sasakabe, T., Okuda, M., & Kikuchi, S. 2022. Lifetime incidence risk for gastric cancer in the *Helicobacter pylori*-infected and uninfected population in Japan: A Monte Carlo simulation study. **International Journal of Cancer**, 150(1), 18–27.
- Lin, Y., **\*Wang, C.**, Kikuchi, S., Akita, T., Tanaka, J., Abe, S. K., ... & Cancer PAF Japan Collaborators. 2021. Burden of cancer attributable to infection in Japan in 2015. *GHM open*, 1(2), 63–69.
- **\*Wang, C.**, Almoosawi, S., & Palla, L. 2021. Relationships Between Food Groups and Eating Time Slots According to Diabetes Status in Adults From the UK National Diet and Nutrition Survey (2008–2017). *Frontiers in nutrition*, 8.

- Li Y, Yatsuya H, \*Wang, C., Uemura M, Matsunaga M, He Y, Khine M, Ota A. 2022. Dietary Patterns Derived from Reduced Rank Regression Are Associated with the 5-Year Occurrence of Metabolic Syndrome: Aichi Workers' Cohort Study. *Nutrients*; 14(15):3019

## AWARDS & SHOLARSHIPS

<b>Outstanding Graduates of Shanghai Jiaotong University</b>	2010
Recipient of <b>Ajinomoto Scholarship</b> for outstanding students from overseas	2011-2012
<b>Young Investigator's Award</b> , The 48th Annual Meeting of the Japanese Society of Cardiovascular Disease Prevention, Tokyo	2012
Recipient of scholarship from <b>Otsuka Toshimi Scholarship Foundation</b>	2013-2014
<b>Best Reviewer</b> of Journal of Epidemiology	2021.1.28

## LANGUAGES

- Chinese Mandarin: Native Speaker
- Chinese Hokkien: Native Speaker
- English: Fluent (IELTS overall: 8; L 8.5, R 8.5, W 7, S 7) - 2017.1.7
- Japanese: Advanced (Japanese Language Proficiency Level 1)