

DATA ANALYSIS IN SOCIAL RESEARCH USING STATA

This two-day short course will equip you with essential skills in one of the most versatile statistical software tools in the research and business sectors, namely Stata. The course will cover relevant statistical theories, Stata's interface, data management, descriptive techniques and inferential regression models.



DR. SENHU WANG
NUS ASSISTANT PROFESSOR



Course Outline

Part I: Statistical Theory

- Topic 1 – Nature of statistical data
- Topic 2 – Population, samples and sampling
- Topic 3 – Basic statistical theories
- Topic 4 – Logic of hypothesis testing

Part II: STATA Practical

- Topic 1 – Data management
- Topic 2 – Descriptive statistics
- Topic 3 – Bivariate analysis (Chi-squared test, T-test, ANOVA and correlation)
- Topic 4 – Multiple linear regression



Who Should Attend?

Executives, analysts and researchers who have an interest in learning and understanding quantitative data analysis methods and concepts using STATA will benefit largely from this course.



Prerequisites

At least a Degree in any discipline, with preference given to social science and community and at least 1 year of working experience in the related sector.

ABOUT THE INSTRUCTOR

Dr. Senhu Wang is an Assistant Professor at the Department of Sociology and Anthropology at the National University of Singapore (NUS). He obtained his PhD in Sociology from the University of Cambridge. His research interests focus on work and family, health and wellbeing, demography and quantitative research methods.

He has published more than 50 articles on many international top journals and won the Award for Promising Researcher at the Faculty of Arts & Social Sciences in 2022. His research has been highly cited and widely reported by more than 100 media and organizations over the world such as *BBC*, *CNN*, *Financial Times*, *Guardians*, *Bloomberg* etc.

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