

*Institute for Social Science Research*

*Methods for Social Analysis and Statistics (MFSAS)*

# Essential Social Analysis Skills Course

## Develop essential quantitative analysis & interpretation skills

This course is designed to provide participants with the essential skills to analyse & interpret quantitative (numeric) social data. Participants will develop an understanding of the appropriate statistical techniques to use for different types of research questions & different types of data & importantly how to make inferences & interpret results.



## Topics covered

- Understanding & testing for statistical significance
- Assessing relationships using Chi square, t-tests, ANOVA, & correlation
- Introduction to linear & logistic regression models
- Data visualisation



## Learning objectives

- Understand why & how to test for statistical significance
- Know the appropriate statistical tests to use in different situations & with different types of data
- Read & interpret the results of statistical tests & output from popular statistical packages
- Critically review the use of statistics in reports & published papers

## Who is this course for

People who need to analyse numeric social data or those who need to read & understand research conducted by others. This workshop covers some introductory topics, but mainly focuses on intermediate statistical techniques. It is recommended for people who are familiar with the basics of statistical analysis, who want to deepen their understanding of statistical analysis. The workshop can also be a refresher for people who need to consolidate their statistical knowledge before progressing to more advanced methods.

## When

**Wednesday, 13 November– Friday, 15 November 2019** (3 days)

## Fees (incl. GST)

\$1,778	Early Bird (book & pay by 13 October 2019)
\$2,145	After Early Bird (Standard)
\$1,716	Groups (3 or more)
\$1,609	Students

Fees include course materials, morning tea, lunch and afternoon tea.

## Cancellation Policy

*A full refund will be provided if written notification is received by ISSR at least ten (10) days prior to the course start date. Substitutions may be made, but refunds will not be offered after this period, or for non-attendance on the day.*

## Where

UQ's Institute for Social Science Research, Cycad Building, 80 Meiers Rd, Indooroopilly, Brisbane, Australia

## Registration

<https://payments.uq.edu.au/OneStopWeb/ECET104SSR005>

## Presenters

[Dr Yangtao Huang](#) is a Research Fellow at UQ's Institute for Social Science Research. He is an applied social statistician who has extensive experience in universities & international organisations. He provided statistical analysis for the Organisation of Economic Cooperation & Development (OECD), & contributes statistical expertise to commissioned research projects for government agencies. He teaches applied quantitative research methods at the undergraduate & postgraduate level at the University of Queensland & ACU.



[Ms Christine Ablaza](#) is a PhD candidate at UQ's Institute for Social Science Research. Prior to starting her PhD, Tin worked as a research associate for the World Bank and the Asian Development Bank. She has worked extensively on developing country issues such as tax reform, infrastructure, and labor regulations. Her broad research interests are in the fields of labor economics, inequality and social mobility and public policy. For her PhD she aims to examine the connection between two emerging trends, particularly the rise of temporary labor contracts and widening income inequality.



## Contact us

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