



Microeconometrics Using STATA

3-Day Professional Development Workshop

East Asia Training & Consultancy Pte Ltd invites you to attend a three -day professional development workshop, reviewing microeconomic methods for research using Stata to analyse the course databases. Stata is the well-known statistics and econometrics software package developed by StataCorp (USA). Stata is a statistical software package that offers a broad range of statistics to professional researchers in many disciplines. Stata is particular useful to professionals working in areas of economics, business, social science, health and statistics.

About STATA

STATA is a statistical software package that offers a broad range of statistics to professional researchers in many disciplines. Stata is particular useful to professionals working in areas of biostatistics, medical research and economic research.

Course Programme

The comprehensive 'hands-on' workshop will provide an in depth look at how Stata can be used for statistical research in business, government, education, healthcare, and science. Every stage in the research project will be discussed. The first half-day will be devoted to providing participants with an overview of Stata and its commands. During the main part of the course, discussion will emphasize on linear regression, simulation, and generalized least-squares methods. The section on cross-sectional techniques covers with up-to-date treatments of instrumental-variables methods for linear models and of quantile-regression methods. Participants will also learn about methods for different nonlinear models and is followed by sections about multinomial models, tobit and selection models, count-data models, and nonlinear panel-data models.

Who should Attend

This highly intensive course is designed to provide applied researchers with a sound understanding of Stata's capabilities for data management and statistical analysis, focusing on the methodologies most widely applied in microeconometrics,

Fee & Registration

The fee covers extensive course materials and databases, lectures, luncheons, morning and afternoon tea/coffee breaks, refreshments, receptions and the opportunity to meet and network with researchers & STATA users across the various industries in Asia.

The number of participants is restricted. Please register early to guarantee your place. Please complete the official registration form and email it to us at stata@eastasiatc.com.sg to reserve your place. Confirmation will only be made upon receiving full payment. Further instructions will be sent to confirmed participants.

The workshop is hands-on. Delegates are required to bring their own laptops with Stata software installed.

MAS Financial Sector Development Fund (FSDF)

Participants may be eligible for Financial Sector Development Fund (FSDF) support on a case by case basis. Interested applicants should submit their applications to the FSDF Secretariat directly. For enquiries, please contact the FSDF secretariat at 65- 6229 9396 or via email at fsdf@mas.gov.sg.

Course Outline

Each day will comprise three formal sessions:

- A talk on various aspects and procedures in Stata
- Worked examples
- Assignment

There will also be the opportunity each day to work on your own data, and discuss procedures not listed below.

SESSION 1, DAY 1, AM (2.5 hrs)

Stata basics

Data management and graphics

Linear regression basics

SESSION 2, DAY 1, PM (3.5 hrs)

Simulation

GLS regression

Linear instrumental-variables regression

SESSION 3, DAY 2, AM (2.5 hrs)

Linear panel-data models

Nonlinear regression methods

Nonlinear optimization methods

SESSION 4, DAY 2, PM (3.5 hrs)

Bootstrap methods

Binary outcome models

SESSION 5, DAY 3, AM (2.5 hrs)

Multinomial models

Tobit and selection models

SESSION 6, DAY 3, PM (3.5 hrs)

Count-data models

Nonlinear panel models