

East Asia Training & Consultancy Pte Ltd

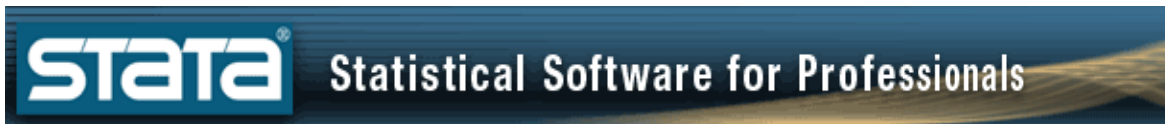
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MICROECONOMETRICS USING STATA

4-Day Professional Development Workshop

East Asia Training & Consultancy Pte Ltd invites you to attend a four -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 business, social science, health and medical research, education, economics and science.

COURSE DESCRIPTION

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 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,

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FEE & REGISTRATION

The fee includes extensive course materials, data-sets, lectures, lunches, morning and afternoon coffee/tea breaks, receptions and the opportunity to network with researchers, economists and biostatisticians across the various industries in Asia. This is a “hands-on” workshop. Participants are required to bring their own laptops with Stata installed in them.

The number of participants is restricted. Please register early to guarantee your place. Please complete the official registration form and fax to (65)-62506369 or 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.

COURSE OUTLINE

(subject to minor changes)

SESSION 1, DAY 1, AM (2.5 hrs)

- Stata basics
- Data management and graphics

SESSION 2, DAY 1, PM (3.5 hrs)

- Linear regression basics
- Simulation

SESSION 3, DAY 2, AM (2.5 hrs)

- GLS regression
- Linear instrumental-variables regression

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SESSION 4, DAY 2, PM (3.5 hrs)

- Linear panel-data models
- Nonlinear regression methods

SESSION 5, DAY 3, AM (2.5 hrs)

- Nonlinear optimization methods

SESSION 6, DAY 3, PM (3.5 hrs)

- Bootstrap methods
- Binary outcome models

SESSION 7, DAY 4, AM (2.5 hrs)

- Multinomial models
- Tobit and selection models

SESSION 8, DAY 4, PM (3.5 hrs)

- Count-data models
- Nonlinear panel models