



SUMMER SCHOOL IN “ECONOMETRICS FOR PROGRAM EVALUATION: THEORY AND PRACTICE USING STATA”

LOCATION AND DATE

17th – 22nd May 2015

CISL Studium Centre

Via della Piazzola, 71 – Florence

SCIENTIFIC DIRECTORS

Una-Louise Bell
Giovanni Cerulli

FOR FURTHER INFORMATION CONTACT

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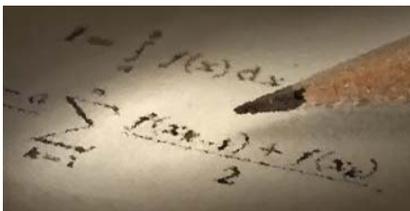
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Providing effective evaluation of economic, social and medical programs has become an increasingly important requirement for both public and private institutions. The Summer School seeks therefore to provide participants with the requisite tools, both theoretical and applied, for the correct implementation of modern micro-econometric methods for implementing program evaluation using Stata. As such, the program has been developed to focus on both: i) the traditional statistical methods to program evaluation: control-function regression, matching on observables and difference-in-differences methodologies, widely employed in quantitative evidence-driven evaluation; and ii) the more advanced econometric techniques: selection models, instrumental variables, and regression discontinuity design. In addition, the school opens with an obligatory introductory one day course to the statistical package Stata. Participants will be provided with the necessary set of tools to enable them to both Stata independently and to follow and participate in the empirical sessions during the course of the week.

TStat's summer programs are characterized by their theoretical and applied structure. Each individual session, is composed of both a theoretical component (in which the techniques and underlying principles behind them are explained), and an applied (hands-on) segment, during which participants have the opportunity to implement the techniques using real data under the watchful eye of the course tutor. Throughout the week, theoretical sessions are reinforced by case study examples, in which the course tutor discusses current research issues, highlighting potential pitfalls and the advantages of individual techniques. The intuition behind the choice and implementation of a specific technique is of the utmost importance. In this manner, course leaders are able to bridge the “often difficult” gap between abstract theoretical methodologies, and the practical issues one encounters when dealing with real data.

At the end of the course, participants are expected to be able to autonomously implement the theories and methodologies discussed during the course. To be able to master complex evaluation design by: identifying which type of data are needed in his specific policy framework, which type of econometric method may be more appropriate, and finally how to draw policy recommendations from the interpretation of results.



TARGET AUDIENCE

Researchers and professionals working in public and private institutions needing to undertake econometric program evaluation analysis using micro data. Although these methodologies are commonly used to evaluate policy interventions in, for example, the labour market, investment activities of enterprises, education policy, regional development, etc., they can in fact be used across a variety of studies, such as public health sector evaluation, which aim to estimate the ex-post impact of a given intervention or project on specific targets.

COURSE REQUISITES

Introductory knowledge of econometrics and/or statistics.



ADMISSION AND REGISTRATION FEE

The course fee covers: i) course materials (copies of lecture slides, databases and Stata routines used during the week), ii) a temporary licence of Stata valid for 60 days from the beginning of the course; and iii) half board accommodation at the Centro Studi from Sunday May 17th to Friday May 22nd, 2015.

FEEs: Academic - € 1495.00 + Vat (22%)

Non – academic - € 1995.00 + Vat (22%)

An additional non-refundable registration fee of €200.00 is payable upon registration and is required to secure a place on the program. An invoice for the course fees will be issued immediately upon registration. All course fees need to be paid by 5th May 2015. The number of participants is limited to **25 residents**. Places are allocated on a first come, first serve basis.

Individuals interested in attending the summer school must return their completed registration forms either by email (corsi@tstat.it) or by fax (+39 0864 206014) to TStat by 17th April 2015.



COURSE PROGRAM

	Morning Session 9.00-13.00	Afternoon Session 14.30-17.00
DAY 1 – SUNDAY	An Introduction to Stata	
DAY 2 – MONDAY BASIC ECONOMETRICS	Linear Regression Model Endogeneity and Instrumental-Variables	
DAY 3 – TUESDAY BASIC ECONOMETRICS	Binary Regression Non-parametric regression	
DAY 4 – WEDNESDAY ECONOMETRICS OF PROGRAM EVALUATION	Program evaluation econometric setting Regression adjustment	
DAY 5 – THURSDAY ECONOMETRICS OF PROGRAM EVALUATION	Matching Estimators Difference in Difference Estimators	
DAY 6 – FRIDAY	Instrumental variables selection models (ATE, ATT and LATE) Regression discontinuity design	

References:

An Introduction to Modern Econometrics Using Stata

Christopher F. Baum (2006) Stata Press

Econometrics for program evaluation: theory and practice

Giovanni Cerulli (forthcoming) Springer Verlag

Mostly Harmless Econometrics: An Empiricist's Companion

Joshua D. Angrist e Jorn-Steffen Pischke (2008) Princeton University Press

Microeconometrics Using Stata

Colin Cameron and Pravin K. Trivedi (2010) Stata Press

COURSE LEADERS

CHRISTOPHER F. BAUM, Boston College, Boston, USA

UNA-LOUISE BELL, TStat S.r.l.

GIOVANNI CERULLI, CERIS Consiglio Nazionale delle Ricerche, Roma

LOCATION & ACCOMODATION

The CISL Studium Centre <http://www.centrostudi.cisl.it/> is located in the hills to the north east of Florence and can be easily reached by car, or bus from the Central Railway Station - S. Maria Novella at a cost of € 1.20. A taxi from the CISL Studium Centre to Florence on the other hand costs approximately € 15.00 - € 20.00.

All the bedrooms have private bathrooms with shower, adjustable air conditioning and telephone. The Centre also has sitting rooms, a self-services restaurant, bar, library and free time area.

N.B.: Participation costs are based on: i) accommodation in a single room and ii) a half board (breakfast and lunch) basis; from Sunday May 17th to Friday May 22nd, 2015. The CISL Studium Centre offers residential participants the opportunity to book a full board accommodation package at an additional cost. Individuals wishing to take advantage of the full board package, must indicate this at the time of registration.

