Sri Lanka Agricultural Economics Association

SAEA

workshop on
Data Analysis using STATA

Via

zoom

9am - 1pm

September 26th 2021

TARGET GROUP

- Undergraduate students who are specializing in Agricultural Economics and Agribusiness Management

Session 1
Data Management

Resource Person:
Dr. Senal Weerasooriya
Senior Lecturer
Department of Agricultural Economics
and Agribusiness Management
Faculty of Agriculture
University of Peradeniya

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Training Program On Data Analysis Using Stata Sri Lanka

Lawrence C. Hamilton

Training Program On Data Analysis Using Stata Sri Lanka:

Sri Lanka: Public Training Institutions in 2016 Asian Development Bank,2018-12-01 This independent tracer study examines Sri Lanka s Skills Sector Development Program which the Asian Development Bank supported through results based lending The study tracks graduates from seven public technical and vocational education and training institutions involved in the program It examines graduates employability by looking at job placement rates It also examines access to the education and training programs their quality and relevance and possible areas for improvement in the sector The study provides evidence to inform future policies to help equip young people with the skills employers need   Analysis and Interpretation of Ethnographic Data Margaret D. LeCompte,Jean J. Schensul,2013 This is Book 5 of 7 in the Ethnographer s Toolkit Second Edition Treating analysis as both a mechanical and a cognitive process Book 5 begins by describing why analysis and interpretation of data are necessary In the first two chapters the book points out the importance of beginning ethnographic analysis in the field during the earliest stages of data collection and how to move between induction and deduction the concrete and the abstract in a process informed by an emerging and increasingly refined conceptual model The middle section tackles the challenge of transforming huge piles of text audio and visual information into an ethnographic whole through generic and specific coding and quantification of qualitative data using multiple extended examples Chapters show how to use computers in analysis of qualitative data and ways to integrate the results of quantitative and qualitative data into a comprehensive picture of a complex whole Chapter 9 presents a rare and comprehensive description of the statistics regularly used by ethnographers to analyze ethnographic surveys Chapters 10 and 11 show how researchers create and then fine tune preliminary results into an integrated whole display them for multiple audiences and write them up The final chapter illustrates how ethnographers can share the meaning of results with local communities and constituents and with other professional researchers Other books in the set Book 1 Designing and Conducting Ethnographic Research An Introduction Second Edition by Margaret D LeCompte and Jean J Schensul 9780759118690 Book 2 Initiating Ethnographic Research A Mixed Methods Approach by Stephen L Schensul Jean J Schensul and Margaret D LeCompte 9780759122017 Book 3 Essential Ethnographic Methods A Mixed Methods Approach Second Edition by Jean J Schensul and Margaret D LeCompte 9780759122031 Book 4 Specialized Ethnographic Methods A Mixed Methods Approach edited by Jean J Schensul and Margaret D LeCompte 9780759122055 Book 6 Ethics in Ethnography A Mixed Methods Approach by Margaret D LeCompte and Jean J Schensul 9780759122093 Book 7 Ethnography in Action A Mixed Methods Approach by Jean J Schensul and Margaret D LeCompte 9780759122116   *Food and Nutrition Bulletin* ,2010   The Microfinance Impact Ranjula Bali Swain,2013-08-15 Financial inclusion through microfinance has become a powerful force in improving the living conditions of poor farmers rural non farm enterprises and other vulnerable groups In its unique ability to link the existing extensive network of India s rural bank branches with the Self Help Groups SHG the National Bank of Agriculture and Rural

Development NABARD has covered up to 97 million poor households by March 2010 under its Self Help Group Bank Linkage Programme Policy makers have proclaimed SHGs as the most potent initiative for delivering financial services to the poor in a sustainable manner This book presents a comprehensive scientific assessment of the impact of the Self Help Group Bank Linkage Programme SBLP on the member households The book discusses wide ranging topics including the rural financial sector in India the history and structure of the SBLP the impact methodologies the economic and social impact of microfinance its role in building assets while reducing poverty and vulnerability the role of women and their empowerment training and accumulation of human capital and policy implications of lessons learned The empirical results show that vulnerability of the more mature SHG members declines significantly Vulnerability also falls for villages with better infrastructure and for SHGs that are formed by NGOs and linked by banks The results strongly demonstrate that on average there is a significant increase in the empowerment of the female participants The economic impact of SBLP is found to be the most empowering Greater autonomy and changes in social attitudes also lead to female empowerment The investigation further reveals that training especially business training has a definite positive impact on assets but not on income The impact of training can be improved through better infrastructure as in paved roads linkage model type and the training organiser Bridging the gap in the existing literature and between academics and practitioners this book moves beyond the usual theoretical issues in the impact assessment literature and draws on new developments in methodology It will be of interest to academics development practitioners and students of economics political science sociology public policy and development studies **Agrindex** ,1994 **Data Analysis Using Stata, Second Edition** Ulrich Kohler,Frauke Kreuter,2008-12-19 Data Analysis Using Stata provides a comprehensive introduction to Stata with an emphasis on data management linear regression logistic modeling and using programs to automate repetitive tasks Throughout the book the authors make extensive use of examples using data from the German Socioeconomic Panel a large survey of households containing demographic income employment and other key information The book begins with an introduction to the Stata interface and then proceeds with a discussion of Stata syntax and simple programming tools like foreach loops The core of the book includes chapters on producing tables and graphs performing linear regression and using logistic regression The remainder of the book includes chapters on reading text files writing programs and ado files and Internet resources such as the search command and the SSC archive All key concepts are illustrated with multiple examples Data Analysis Using Stata will serve as a valuable introduction to Stata both for those who are new to statistics and statistical computing as well as for those new to Stata but familiar with other programs **Using Stata for Survey Data Analysis** Nicholas Minot,2009 This manual was prepared to be used as part of a one week training course Earlier versions of the manual have been used in training courses in various countries This manual describes how to use Stata to store describe and analyze data The emphasis is on the analysis of household survey data but Stata can be used with any database It should be noted that this

course is not a lecture course but rather it is a semi structured hands on workshop in which trainees will use computers to learn different methods of analyzing data Thus active participation of the trainees is expected and necessary to maximize the benefit from the training The training modules focus on how to use computer software to implement a wide range of topics and analytical methods In order to cover this range of methods the course cannot provide detailed explanations of the all statistical methods themselves so it is assumed that trainees have some familiarity with statistical concepts Data Analysis with Stata Prasad Kothari,2015-10-28 Explore the big data field and learn how to perform data analytics and predictive modelling in STATA About This Book Visualize and analyse data in STATA to devise a business strategy Learn STATA programming and predictive modeling Discover how you can become a data scientist with the power of STATA Who This Book Is For This book is for all the professionals and students who want to learn STATA programming and apply predictive modelling concepts This book is also very helpful for experienced STATA programmers as it provides advanced statistical modelling concepts and their application What You Will Learn Perform important statistical tests to become a STATA data scientist Be guided through how to program in STATA Implement logistic and linear regression models Visualize and program the data in STATA Analyse survey data time series data and survival data Perform database management in STATA In Detail STATA is an integrated software package that provides you with everything you need for data analysis data management and graphics STATA also provides you with a platform to efficiently perform simulation regression analysis linear and multiple and custom programming This book covers data management graphs visualization and programming in STATA Starting with an introduction to STATA and data analytics you ll move on to STATA programming and data management Next the book takes you through data visualization and all the important statistical tests in STATA Linear and logistic regression in STATA is also covered As you progress through the book you will explore a few analyses including the survey analysis time series analysis and survival analysis in STATA You ll also discover different types of statistical modelling techniques and learn how to implement these techniques in STATA Style and approach This book is a hands onguide to STATA programming and statistical modelling providing many STATA code examples and taking You through the working of the code in detail Data Analysis with STATA 5 for Beginners M. WUYTS,1997 Statistics with Stata Lawrence C. Hamilton,2009 DynEmp ,2014 Multilevel and Longitudinal Modeling Using Stata Sophia Rabe-Hesketh,Anders Skrondal,2005-08-15 Presenting a thorough and accessible treatment of generalized linear mixed models also known as multilevel or hierarchical models Multilevel and Longitudinal Modeling Using Stata explains the models and their assumptions applies methods to real data using Stata and shows how to interpret the results Beginning with the comparatively simple random intercept linear model without covariates the text develops the mixed model from first principles familiarizing the reader with terminology summarizing and relating the widely used estimating strategies and providing historical perspective Once this mixed model foundation has been established the text smoothly transitions to

random intercept models with covariates and then to random coefficient models The middle chapters apply the concepts defined earlier for Gaussian models to models for binary responses e g logit and probit ordinal responses e g ordered logit and ordered probit and count responses e g Poisson Models with multiple levels of random variation are then considered as well as models with crossed nonnested random effects The most complete and up to date depiction of Stata s capacity for fitting generalized linear mixed models Multilevel and Longitudinal Modeling Using Stata serves as an ideal introduction for Stata users wishing to learn about this powerful data analysis tool   Stata Longitudinal-data/panel-data Reference Manual ,2011   StataQuest J. Theodore Anagnoson,Richard Edward DeLeon,1994 A student version of the Stata data analysis and graphics program for learning how to do statistics on a DOS based computer   DynEmp ,2014   An Introduction to Survival Analysis Using Stata, Revised Edition Mario Cleves,William W. Gould,Roberto Gutierrez,2004 Developing the statistical concepts unique to survival data An Introduction to Survival Analysis Using Stata Revised Edition includes statistical theory step by step procedures for analyzing survival data a detailed usage guide for Stata s most widely used st commands and pointers for using Stata to analyze survival data and present the results The book covers basic theoretical concepts censoring and truncation and the preparation of survival data for analysis using Stata s st analysis commands It also discusses Cox regression and includes various examples of fitting a Cox model obtaining predictions interpreting results building models and modeling diagnostics The final chapters fit parametric models using Stata s streg command   *DynEmp* Chiara Criscuolo,Peter N. Gál,Carlo Menon,2014   **Stata** ,2007

Unveiling the Magic of Words: A Overview of "**Training Program On Data Analysis Using Stata Sri Lanka**"

In a world defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their capability to kindle emotions, provoke contemplation, and ignite transformative change is truly awe-inspiring. Enter the realm of "**Training Program On Data Analysis Using Stata Sri Lanka**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve to the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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