



WORKSHOP ON

SPSS/STATA AND QUALITATIVE DATA ANALYSIS
(9-18, JUNE 2025)

Sponsored by

INDIAN COUNCIL OF SOCIAL SCIENCE
RESEARCH



Organized by

Division for Graduate Studies

Centre for Economic and Social Studies
(Planning Dept., Govt. of Telangana
ICSSR-Ministry of Education, Govt. of India)

About CESS

The Centre for Economic and Social Studies (CESS) was established as an autonomous research centre in 1980. The Indian Council of Social Science Research (ICSSR, Ministry of Human Resource Development, Government of India) recognized it as a national institute in the year 1986 and included the Centre in its network of institutions. Conducting inter disciplinary research in analytical and applied areas of social sciences, encompassing socio-economic and other aspects of development, constitute the predominant activities of the centre. The centre conducts full-time Ph.D programme in Development Studies in collaboration with Telangana University.

About the Workshop

The workshop is designed for the doctoral students who are in their initial/mid phase of research and plan to use SPSS/STATA and Qualitative methods in their research. It aims to provide comprehensive knowledge of basic and advanced techniques useful for various research areas. The participants will get an opportunity to learn the modelling using IBM SPSS Statistics , STATA, NVivo and ATLAS.ti

Overview

Course is to introduce you to the uses and functions of the IBM SPSS Statistics , STATA, NVivo and ATLAS.ti. This workshop will be practical, hands-on training oriented and covers the topics from basics of data processing, tabulation and analysis. The focus will be given to interpretation of the generated tables rather than theory.

Topics to be covered in the Workshop

Introduction to IBM SPSS Statistics

- Basic structure and functionalities
- Importing data from SPSS, Excel, databases, and text files
- Handling large datasets (e.g., NSSO, PLFS, NFHS)
- Descriptive Statistics
- Working with Syntax in SPSS
- Pasting and editing syntax
- Running syntax files
- Data Visualization in SPSS
- Creating and editing charts (line, bar, pie, scatter)
- Statistical Analysis in SPSS
- Parametric tests: T-test, F-test, correlation
- Non-parametric tests: Chi-square
- Causal analysis using OLS linear regression

Introduction to STATA

- User interface, data menus, and basic commands
- Exploring Datasets in Stata
- Cross-section, time series, and panel data
- Reshaping data (wide ↔ long)
- Data Processing and Management in Stata
- Creating/editing variables, using conditions
- Generating summary statistics
- Categorical variable analysis
- Regression Methods and Diagnostics
- Data Visualization and Mapping
- Basics of data visualization
- Data merging and map generation
- Spatial correlation methods
- Project Work
- Hands-on project using primary data
- Assessment and presentation

Qualitative Data Analysis

- Introduction to Data Analysis
- Doing Data Analysis
- Introduction to Qualitative Analysis Software
- Exercise & Conclusion

Eligibility: Scholars pursuing their Ph.D (beginners and mid-level) in Social Sciences in Universities and Research Institutions across India. Selection of the participants will be on first-cum-first basis.

Prerequisite: Knowledge of Elementary Statistics and Econometrics. Participants are requested to bring their own laptops with SPSS (preferably 25) and STATA (15/16/above) installed.

Total number of Participants: 30 (15 from CESS and 15 from Outside)

Dates: 9th June 2025 - 18 June 2025

Venue: Centre for Economic and Social Studies, N.O. Campus, Begumpet, Hyderabad-500016

For outstation research scholars

Accommodation: Accommodation shall be provided on a sharing basis for outstation participants and would be allocated on first-cum-first basis. Participants should mention the same while submitting the online registration form. The participants have to make their own arrangements for travel.

Learning Outcomes

Upon completion of the course, you will be able to use SPSS, Stata and NVivo and ATLAS.ti efficiently for basic analyses and graphics. You will be able to do this in a reproducible manner, making collaborative changes and follow-up analyses much simpler. Finally, you will be handling various large-scale complex database for detailed analysis.

How to apply: Fill the following application form.

<https://forms.gle/33K8x8HKzHzeZdJh9>



You can also scan QR code for application

Last date for submission of application:
27th May, 2025.

Organizing Committee

Patron

Prof. E. Revathi
Director, CESS

Coordinator

Dr. Kasturi Alivelu
*Dean, Division for Graduate Studies
Centre for Economic and Social Studies
Email: galivelu@cess.ac.in*

Student Coordinator

Ramesh Annemalla
*Research Scholar
Mobile: 95022 96337
Email: ramesh@cess.ac.in*