



Indian Institute of Public Health – Delhi

Public Health Foundation of India

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Workshop Series 2024-25

Basic Statistical Analysis using SPSS (Nov 18-22, 2024)

Last date of registration: 10th Nov, 2024

Course Coordinator: **Dr. Ranjana Singh**, Professor, IIPH-Delhi

Link: [Application Form](#)

About the course

Statistics plays an essential part at all stages of a research study in almost all disciplines, from planning, through conduct and to the final analysis. A researcher needs basic knowledge and understanding of statistical concepts to communicate with a statistician. With the introduction of statistical packages, by and large computing is done using computers and not manually, hence quantitative analysis of the data is often attempted by most researchers who are familiar with their research objectives and the data. This workshop proposes to cover basic statistical concepts required for understanding study results along with hands on experience of doing basic analysis using the statistical software SPSS (IBM SPSS Statistics 22). This workshop will help new users achieve a basic understanding of how to use SPSS for basic statistical analysis; as well as aid those who wish to further their skills in using SPSS.

Contents

- Introduction to SPSS
 - Data entry
 - Data management
- Summarizing data
 - Numerically
 - Graphically
- Inferential statistics
 - Hypothesis testing
 - Parametric and non-parametric tests
- Adjusted analysis
 - Linear regression
 - Introduction to logistic regression

About the Faculty

Dr Ranjana Singh is a full-time faculty at the institute with formal training in Statistics, Population studies and Biostatistics. She has around 10 years of experience in the field of health research and applied statistics. Dr Singh is extensively involved in teaching in all in-house and online distance learning academic programs and workshops at the institute. Apart from substantial teaching, she is also engaged in few of the research projects as a statistician. .

Who should attend?

This workshop is ideal for public health and clinical researchers, social scientists, medical writers, data managers, pharmaceutical scientists, statisticians, and those working in the health research.

How to Apply?

Interested participants may click [Application Form](#) to apply and submit an online registration form or write to email at trainings@iiphd.org. The fee will be submitted by E-transfer, and the **bank details for E-transfer will be shared upon applying for the workshop.**

Registration Fee

Indian National: 12500 INR per participant

Foreign National: 25000 INR per participant

The registration fee includes a course kit, lunch, and tea/coffee with snacks.

The boarding and lodging expenses will be **arranged and borne by the participants**. However, the organizers will be able to provide a list of hotels/ guest houses nearby the institute upon request.

***Note: We have limited seats available, admissions confirmed on a first come first serve basis**

Disclaimer: In case of cancellation of the workshop due to any unforeseen circumstances like natural calamities, imposition of curfew declared by the government, any emergency situation at the institute, or any medical emergency of the workshop trainer, the full registration fee shall be refunded to the candidates. However, other costs like travel bookings and stay arrangements incurred by the participant shall not be borne by the institute.