

Workshop Series 2018-19

Basic Statistical Analysis using SPSS

November 27 – 30, 2018

(Last date of registration: November 14, 2018)

Course Director: **Prof. Sanjay Zodpey, Director**

Course Coordinator: **Dr Ranjana Singh, Associate Professor**



Training Venue:

Indian Institute of Public Health- Delhi

Public Health Foundation of India

Plot 47, Sector 44, Institutional area, Near HUDA City Centre metro station, Gurgaon-122002, Haryana, India

Key Contact person:

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About the workshop

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.

Registration Fee

Indian National: 10000 INR per participant

Foreign National: 20000 INR per participant

The registration fee includes course kit, lunch and snacks. Please note that the participants will have to bear their own travel, boarding and lodging expenses. However, the organizers will be able to provide a list of hotels or guesthouses nearby the institute upon request.

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.

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 9 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.

How to apply?

Interested participants may email their completed registration form at trainings@iiphd.org and submit the fee by E-transfer or by Demand Draft in favor of "Public Health Foundation of India" payable Delhi and dispatch to the key contact person. **Bank details for E-transfer will be shared upon request. We do not accept cash.**

International participants are requested to submit the fee only by E-transfer.