National Institute of Mental Health & Neuro Sciences
(Institute of National Importance)
Bengaluru-29, Karnataka

Department of Biostatistics

National workshop on
Regression Analysis in Medical Research (REAMER)
Date: February 23-25, 2023

Objective:

The Department of Biostatistics at National Institute of Mental Health and Neuro Sciences (NIMHANS), Bengaluru, Karnataka is pleased to announce a workshop on "*Regression Analysis in Medical Research (REAMER)*". This workshop aims at strengthening the research and data analysis aptitude of applied statisticians, epidemiologists, public health researchers and other professionals in the field of medical/ health research. The course is designed with an objective to acquaint the participants with commonly used regression methods and their applications in medical/ health research. This three days' workshop will cover general principles of estimation and testing of hypothesis in various statistical models with main emphasis on the hands-on-training using SPSS software. The workshop will also focus to develop skills in presenting results effectively and to improve the participant's ability to interpret the findings, which in turn can be integrated into their professional practices.

About the Department of Biostatistics: Please visit http://nimhans.ac.in/biostatistics

Contents of the workshop: The workshop intends to cover the following topics:
- Introduction of statistical inference and various univariate tests
- Concepts of confounding and interaction
- Regression Methods:
  ➲ Multiple Linear Regression
  ➲ Multiple Logistic Regression
     ➲ Binary Logistic Regression
     ➲ Multinomial Logistic Regression
     ➲ Ordinal Logistic Regression
     ➲ Conditional Logistic Regression
  ➲ Poisson Regression

Target Audience: This workshop is targeted for statisticians, applied statisticians and researchers from various professions such as medicine, epidemiology, public health, psychology, nursing, pharmacy, and other allied health sciences.

Nature of Selection: Purely on first cum first serve basis and the number of participants is restricted to 30. Participants are requested to bring their laptops for hands-on training, if possible.

How to Register?

Registration is mandatory to all participants. To register, please copy and paste the following link to your web browser
https://docs.google.com/forms/u/7/d/e/1FAIpQLSe--Z4g70NOVIyVF4zS6AxQrbzggz6ufyBP3L1i9r6e8a2i6Q/viewform

Course Fee: A non-refundable course fee of INR **3500**/- *(including 18% GST)* will be charged. Course fee includes course materials, lunch and refreshments. Payment details will be shared **only** with the registered participants. Confirmation of the participation will be done only after the receiving the payment

Accommodation: Participants have to make their own arrangements for accommodation. However, a limited in-campus guest house accommodation on sharing-basis is provided **on request** and is purely on first cum first serve basis and availability of rooms. Accommodation charges are not included in the course fee.

Last date of Registration: *10th February, 2023*.

For any queries related to the workshop please write to us at reamer.nimhans@gmail.com

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