

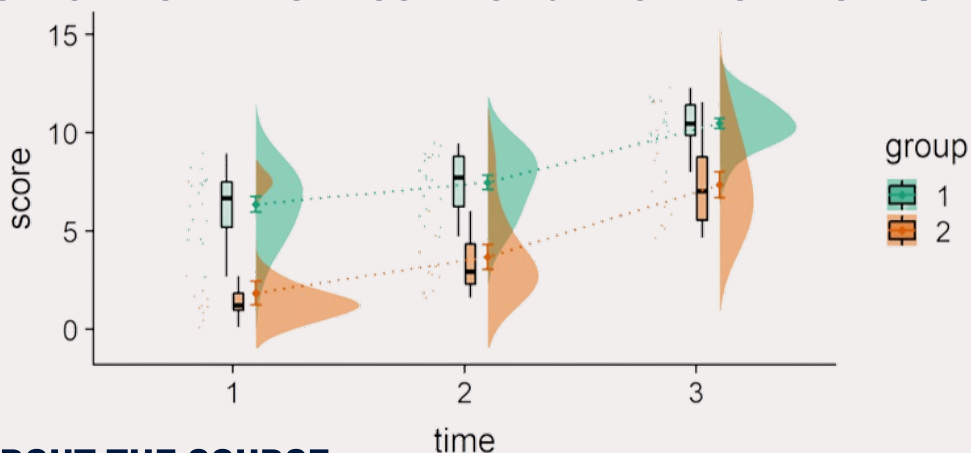
Workshop on

# LONGITUDINAL DATA ANALYSIS FOR CLINICAL TRIALS AND OBSERVATIONAL STUDIES

Organized by

DEPARTMENT OF BIostatISTICS

ST. JOHN'S MEDICAL COLLEGE & RESEARCH INSTITUTE



## ABOUT THE COURSE

This two-day workshop is designed to train participants to apply of commonly used techniques for analyzing longitudinal data, where measurements are made on individuals over time. The course emphasizes techniques for handling longitudinal data from Observational Cohort studies and randomized control trial with a pre-post design.

The workshop will cover a variety of topics, including:

- Longitudinal study design, data structure and data representation
- Linear and logistic mixed models
- Analysis of panel and cohort studies
- Analysis of randomized control trial
- Generalized Estimating Equation

The workshop will incorporate a combination of theory session and practical exercises using an open source software Jamovi to illustrate concepts

## WHO SHOULD ATTEND?

The course is designed for clinical researchers, Public health resaerchers, data analysts, and statisticians who need to analyze longitudinal data.



25 & 26  
SEPTEMBER  
2023



St. John's Medical  
College, Bangalore



Jamovi is a free and open-source statistical software that simplifies the analysis process with its menu-driven options and R syntax. It can be used for all standard and complex statistical analyses. (<https://www.jamovi.org>)

## Resource Person

Experienced faculties from the Department of Biostatistics at SJMC will be conducting the workshop, bringing their extensive expertise in the statistical analysis of longitudinal data.

## Course Fee

Rs:4720/-  
(4000/- (Course fee)+  
720 (18% GST))

## Accomodation

On campus accomodation can be arranged on request. Single and Two sharing rooms are available

## Secretariat



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Registration



Scan  
ME!



Click Here  
To Register