

**St. John's Research Institute (SJRI)**  
**St. John's National Academy of Health Sciences,**  
**Bangalore-560034**

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**Regression methods for health data analysis**

**Using SPSS – Online course**

**December 7 – 17<sup>th</sup>, 2021**



**Workshop 1 - Multiple linear regression**

7-10<sup>th</sup> December 2021; 3 to 5pm

**Workshop 2 - Logistic and Cox regression methods**

14 – 17<sup>th</sup> December 2021; 3 to 5pm

Course Fee

**Rs.2950/- (including 18% GST) for each workshop**

**email: [biostatws@stjohns.in](mailto:biostatws@stjohns.in)**

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**Workshop objectives**

Regression is perhaps the most widely used statistical technique in public health data analysis. It helps to understand the relationships such as causation and confounding. Regression models can also be used to predict actual outcomes.

In this course you will learn how to derive Linear, Logistic and Cox regression models, how to use SPSS software to implement them, and what assumptions underlie the models. You will also learn how to test whether your data meets those assumptions, what can be done when those assumptions are not met, and strategies to build and understand useful models.

**Who should attend:**

All health science researchers who have a basic knowledge on statistical methods and desirous to improve their understanding on relationship modelling using regression methods using SPSS software.

**Resource Persons:**

Faculties from St. John's Medical College and St. John's Research Institute, Bangalore.

**Registration**

Filled registration form ([www.sjri.res.in](http://www.sjri.res.in)) should be submitted by 5th December 2021.

Fee is to be paid along with the registration form by NEFT.

**Bank Account Details**

**Beneficiary name: St. John's Research Institute**

**Bank name: Bank of Baroda**

**A/c no: 05210100024920 Branch: John Nagar**

**St. John's Medical College, Bangalore-560034**

**IFSC code: BARB0STJOHN(5th digit Zero)**

**For further enquiry and registration,**

**Dr. Tinku Thomas**

Course Director

Professor & Head

Dept. of Biostatistics

SJRI & SJMC

**Mrs. Sumithra Selvam**

Course coordinator

Senior Resident

Division of Epidemiology

and Biostatistics, SJRI

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Secretariate: Shameem: contact: 09538147676