EZR

The statistical software 'EZR' (Easy R) is a graphical user interface of R (The R Foundation for Statistical Computing) software built on R commander. EZR is originally developed as an Rcmdr plug-in and subsequently released also as a standalone package. EZR enables the application of statistical methods used for scientific research and is user friendly for statistical analysis through its menu driven options like SPSS or STATA. EZR is freely downloadable, easy to install and runs on both Windows (Microsoft Corporation, USA) and Mac (Apple, USA) operating systems

Participants:

Faculty members, Research Scholars, PG students (including Medical PG students) and other Academicians.

Course fee:

Rs. 2000/-, (Rupees Two Thousand only). (Affordable Accommodation will be provided to the participants by their own expenses by request.)

Last date of Registration: 16/11/2023

Contact Details:

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Register at :

https://forms.gle/odjAfVm6eW8hJuHM6

Course Content

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1. Introduction to EZR and data management (Hands on using EZR)

2. Statistical Inference
   1: Confidence intervals & Tests of significance

3. Statistical Inference
   2: Parametric tests- paired & unpaired t tests, One way and two ANOVA with posthoc tests & RMANOVA (Hands on using EZR)

4. Statistical Inference
   3: Nonparametric tests- Mann Whitney test, Wilcoxon Signed rank test, KW test, Chi square, & McNemar (Hands on using EZR)

5. Correlation & simple linear regression: Pearson's & Spearman's correlation coefficients, simple linear regression (Hands on using EZR)

6. Multiple linear regression (Hands on using EZR)

7. Multiple logistic regression (Hands on using EZR)

8. Introduction to Sample size determination (Hands on using EZR)

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Resource Persons

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Demography and Health Research Centre (DHRC)

In collaboration with

Department of Demography University of Kerala

Training Workshop (offline) on

Statistical Methods for Applied Research with EZR

(R- Programming)

**Schedule:
23rd to 24th
November 2023
Time :
9.30 am to 5.00 pm
Venue:
Dept. of Demography,
University of Kerala,
Kariavattom**