

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Humanities and Social Sciences - NOC:Exploring Survey Data on Health Care

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Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - Problem Statement and Research Questions
- Lecture 2 - Data, Measurement and Scaling
- Lecture 3 - Understanding Healthcare Database: NSSO
- Lecture 4 - Understanding Healthcare Database: NFHS
- Lecture 5 - Understanding Healthcare Database: LASI
- Lecture 6 - Understanding Sampling Base and Design
- Lecture 7 - Preparing Schedule and Questionnaire
- Lecture 8 - Sample Size Determination - Observational Study
- Lecture 9 - Sample Size Determination and Probability Proportional to Size Sampling
- Lecture 10 - Focus Group Discussion (FGD)
- Lecture 11 - Pre-testing of Sample
- Lecture 12 - Weights and Representative Sampling
- Lecture 13 - Normalizing Data
- Lecture 14 - Deal with Missing Values
- Lecture 15 - Validity, Reliability, Accuracy and Precision of Sample
- Lecture 16 - Basic Understanding of STATA
- Lecture 17 - Syntax and Do File
- Lecture 18 - Making Dictionary File
- Lecture 19 - Data Browse and Basic Statistics - I
- Lecture 20 - Data Browse and Basic Statistics - II
- Lecture 21 - Basic Understanding of SPSS and Data Filtration in STATA
- Lecture 22 - Data Extraction from ASCII Format
- Lecture 23 - Merging Blocks of Information after Extraction
- Lecture 24 - Composite Index
- Lecture 25 - Measure of Variation- r^2 , R^2 , Adjusted R^2 , Pseudo R^2
- Lecture 26 - Regression Models of Quantitative Healthcare Variables
- Lecture 27 - Regression Models of Qualitative Dependent Variables
- Lecture 28 - Relative Risk Ratio Estimation
- Lecture 29 - Generalized Linear Model

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- Lecture 30 - Independence of Irrelevant Alternatives
- Lecture 31 - Balanced and Unbalanced Panel in Healthcare
- Lecture 32 - Common Constant Model in Healthcare
- Lecture 33 - Fixed Effect Model in Healthcare
- Lecture 34 - Random Effect Model in Healthcare
- Lecture 35 - Construction of Pseudo Panel
- Lecture 36 - Need for Evaluation
- Lecture 37 - Propensity Score Matching (PSM)
- Lecture 38 - Difference-in-Difference Method (DID)
- Lecture 39 - Randomized Control Trial (RCT)
- Lecture 40 - Regression Discontinuity Method