



ABHIRAM D. B.

Student: Pursuing MSc in Biostatistics



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EDUCATION

MSc. Biostatistics

NIMHANS, Bengaluru

2022-PRESENT

Percentage: 82 (1st year)

BSc. Statistics

University of Kerala

2019-2022

Percentage: 85.36

SKILLS

- Team Coordination
- Statistical Inference
- Analysis of count data
- Zero-Inflated Models
- Sparse count data
- Dispersed count

SOFTWARE

- R - Intermediate
- STATA- Intermediate
- SPSS- Advanced
- SAS- Beginner

ABOUT ME

Currently enrolled in an MSc. Biostatistics program, I am highly interested in pursuing a Ph.D in the same field. My adaptive nature, coupled with a strong inclination for learning, positions me to excel in diverse challenges. Additionally, possessing effective team coordination skills, I am poised to contribute positively in collaborative environments.

RESEARCH EXPERIENCE

I possess extensive experience in academic consultation, having provided guidance in 18 research consultations across various domains, including Nursing, MPhil, and PhD studies.

1. Zero-Inflated Conway-Maxwell-Poisson Mixed Model: An Application To Microbiome Data

MSc Thesis : 2023

- Microbiome data (16s rRNA, Count data)
- Zero-Inflated Negative Binomial Mixed model
- Zero-Inflated Conway-Maxwell-Poisson Mixed model
- Comparison in Longitudinal and Cross-sectional setting
- AIC, BIC, RMSE & Vuong's Test

2. Statistical Analysis Of Weather In Thiruvananthapuram District

BSc Project : 2022

- Lead a Team of 5 and develop this project using R, Excel, and SPSS.
- Analysis on parameters like Temperature Humidity, Rainfall and Pressure.
- Used several tools like Graphical representation, Correlation, Regression and Time series.
- Through the tool Time series we forecast the Rainfall data.

CONFERENCES AND WORKSHOP

December 2023

- **National Workshop on Randomized Controlled Trials**

Workshop: Kannur University, Kerala

November 2023

- **One-day Workshop Data management using SPSS**

Workshop: Govt. College Karyavattom, Kerala

I, as the resource person, took class for Graduate students as an introductory class to data management and SPSS

November 2023

- **Indian Conference on Bioinformatics 2023 (INBIX)**

Conference: Organised by Bioclues and VIT, Vellor

Presented my MSc thesis work and got the 2nd price for Oral presentation and was recommended as the Best Oral Presentation award

November 2023

- **Annual Conference of the Indian Society for Medical Statistics (ISMSCON-2023)**

Conference: Organised by ISMS and MG Univesity, Kottayam

Presented my MSc thesis work and got the 2nd price for Oral presentation

September 2023

- **Sample Size and Power Analysis in Medical Research**

Workshop: Organised by Dept. of Biostatistics NIMHANS Bengaluru

Be as a part of the organizing committee

July 2023

- **Bayesian Concept of Health Data Analysis**

Workshop: Organised by St. John's Medical College & Kannur University, Kerala

March 2023

- **XVI Biennial Conference Of International Biometric Society - Indian Region (AIIB23)**

Conference: Organised by IBS Society & Christ College

January & February 2023

- **Application of Biostatistics in Clinical Research & Regression Analysis in Medical Research (REAMER-2023)**

Workshop: Organised by Dept. of Biostatistics NIMHANS Bengaluru

Be as a part of the organizing committee