Curriculum Vitae, (Manahil SidAhmed Mustafa), PhD

Assistant Professor of Applied Statistics

Kingdom of Saudi Arabia - Tabuk University

College of Science - Department of Statistics

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PERSONAL INFORMATION

Nationality: Sudan

Marital status: married.

Language Skills: Arabic and English

CURRENT POSITION

Department of Statistics, College of Science University of Tabuk, KSA

PERMANENT POSITION

Department of Statistics, College of Science, Sudan University for science and technology, Sudan

AREAS OF SPECIALIZATION

Major: Statistics Minor: Applied Statistics

AREAS OF RESEARCH INTEREST

Analysis and interpretation of data arising from public health and human disease studies. survival analysis, statistical methods for epidemiology--particularly for infectious diseases and environmental exposures.

EDUCATION

B.A. Applied Statistics, Sudan University for science and technology 2002.

M.A. Applied Statistics, Sudan University for science and technology2006.

Ph.D. Applied Statistics, Sudan University for science and technology 2013.

Faculty of Science _ Sudan University of Science and Technology _ from 2003 until now.

ACADEMIC POSITIONS HELD :

2015 – 2023 Assistant Professor, Department of Statistics -Faculty of Science – University of Tabuk. KSA.

2013 – 2015 Assistant Professor, Department of Statistics -Faculty of Science – Sudan University for science and technology, Sudan

2006 – 2013 Lecturer, Department of Statistics -Faculty of Science – Sudan University for science and technology, Sudan.

2003 – 2006 Teaching Assistant (Distance students' program), Department of Computer, Open University of Sudan, Sudan.

TEACHING EXPERIENCE

1. Undergraduate Courses

- Introduction to Statistics.

- Probability Theory.

- Categorical data analysis, Stochastic Processes

- Operation research

- Design and Analysis of Experiments - Mathematical Statistics

- Hypotheses Testing - Inferential Statistics

- Time series.

- Statistical Packages - Operation Research

- Econometrics

2. Postgraduate Courses

- **Linear and nonlinear models.**

- **Biostatistics**

- **Multivariate Analysis**

Attended conferences:

- **Kuala Lumpur International Conference on Management and Education (KLICME 2020) 22_23/08/2020 (online).**
- **3rd International Conference on Computing and Information Technology (ICCIT), University of Tabuk, Tabuk, Kingdom of Saudi Arabia, On 13th and 14th /9 /2023**.

PUBLICATIONS

1- **Reem Yousif Mekki .Mohamed Hassan MUDAWI. Manahil SidAhmed Mustafa .Abdel Rahman A . Parametric Survival Models of Hemodialysis Patients in Relation with Patient-Related Factors.** Modern Medicine | 2020, Vol. 27, No. 4.

2- **Mustafa Kamal, Meshayil M. Alsolmi, Nayabuddin, Aned Al Mutairi, Eslam Hussam, Manahil SidAhmed Mustafa, Said G. Nassr.A new distributional approach: estimation, Monte Carlo simulation, and applications to the biomedical data sets. 2023, Volume 18, Issue 4: 1575-1599. doi: 10.3934/nhm.2023069.**

3- **Bright C. Nwankwo, Happiness O. Obiora-Ilouno, Aned Al Mutairi, Manahil SidAhmed Mustafa (2023). Group Acceptance Sampling Plans for Truncated Life Tests Based on Type-I Heavy-Tailed Exponential Distribution. DOI: 10.3934/nhm.2023069**

4- **Yan Wang .Wasswa Shafik .Jin-Taek Seong .Mourad R Mouhamed .Service delay and optimization of the energy efficiency of a system in fog-enabled smart cities, Alexandria Engineering Journal 81(1):112-125. DOI: 10.1016/j.aej.2023.10.034**

5- **Shashi Bhushan . Anoop Kumar. Eslam Hossam .Wedad R Alharbi .On stratified ranked set sampling for the quest of an optimal class of estimators . Alexandria Engineering Journal 86:79-97. DOI: 10.1016/j.aej.2023.11.037**