

Mohammed Abdullah Abdulrahman Ahmed

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Date of Birth: 04.12.1979 , Nationality: Sudanese

Languages: Arabic (Native) & English (Proficient)

Summary

Experienced biostatistician with a PhD in Biostatistics and over 18 years of expertise in research, data analysis, teaching, consultation, and training. Proficient in SPSS, R, CanReg5, Moodle, and Excel, with a strong background in cancer research, statistical modeling, and experimental design. Adept at working with a wide range of statistical issues in medical and biological sciences.

Education

- PhD in Biostatistics, Sudan Academy of Sciences (SAS), February 2020, Thesis: A Spatial Bayesian Analysis on Cancer Incidence in Sudan based on Cancer Registry Data (2009-2013)
- M.Sc. in Statistics , Sudan Academy of Sciences (SAS), May 2007
- Postgraduate Diploma in Statistics , Al-Neelain University, June 2006
- Mathematics Bachelor, 2nd Class – Division 1 , Sudan University of Sciences and Technology, June 2004

The main career's progression

- Research Assistant Professor (2013 - Present)
- Researcher (2007 - 2013)
- Research Assistant (2005 - 2007)

Professional Experience

Sudan Atomic Energy Commission, Research Assistant Professor, Data Analyst, and Trainer of Statistics April 2005 – Present.

- Conducted advanced biostatistical analyses for cancer research.
- Designed and delivered training programs in statistics and data analysis.
- Supervised PhD and MSc students in biostatistics.

Napata College: Assistant Professor of Statistics , April 2022 – Present.

- Taught undergraduate and graduate courses in statistics.
- Participated in curriculum development and academic research.
- Contributed to the programs conducted by the research and innovation center

OSATECH for Services, Consultations, and Training, January 2022 - Present, Partial.

- Provided statistical consulting and data analysis services.

Hyderabad Central University, India, Research Visitor , July 2018 - June 2019.

- Conducted research on advanced models for cancer data analysis.

Sudan Academy of Sciences, Data Analyst and Lecturer of Statistics , 2007 - 2014, Partial.

- Lectured on biostatistics and SPSS.
- Assisted in various research projects.

University of Medical Sciences and Technology, Lecturer of Biostatistics, April - July 2007.

Skills

- Statistical Software: SPSS, R, CanReg5
- Data Analysis Tools: MS Excel, Power BI, Origin, SQL
- Programming Languages: SQL, GitHub
- Other Tools: MS PowerPoint, MS Word, Moodle

Research Areas

Data Visualization, Cancer Research, Statistical Modeling, Experimental Design, Sampling, Multivariate Analysis, Questionnaire Designing and Analysis, Scientific Reporting, Online Teaching Capability

Training and Certification

- Career Boost with Power BI , Exodus Experts, January 2024
- Teaching Continuity during Disruption , Napata College, January 2024
- Research Data Science Tools , Italy, August 2016
- Cancer Registry , WHO and Federal Ministry of Health, Sudan, November 2014
- Information and Communications Technology (ICT) , IAEA and CNSTN, Tunisia, November 2011

Awards & Honors

- CV Raman Fellowship for African Researchers, July 2018 - January 2019, Hyderabad, India
- KFAS for CODATA-RDA School of Research Data Science , Italy, August 2016

Research Projects

- Assessment of Emergency Obstetric and Neonatal Care Services , Sudan, 2021-2023
- Spatial Bayesian Analysis on Cancer Incidence in Sudan, February 2020
- Cancer Incidence in Sudan (2006 – 2010), SAEC, 2011
- Nuclear Medicine in Early Detection of Congenital Abnormalities, 2010
- Effects of Static Magnetic Field on Electrolytes and Tissues Histology in Rats, 2012
- Insulin and Estradiol Levels in Pre- and Post-Menopausal Women with Breast Cancer, 2015.
- Sugar Transportation in Sudan using Linear Programming, 2007