



AHMED MAHDI SALIH

Assistant Professor

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About me

Assistant Professor of Statistics with BSc, MSc, and PhD degrees in Statistics, and nearly two decades of academic experience at Wasit University. His work focuses on regression modeling, big data analytics, Bayesian estimation, neural-network-based parameter modeling, and advanced statistical distributions. He has authored numerous publications in reputable journals, contributing to high-dimensional regression, matrix estimation, and applied statistical methods in fields such as biomedical data and environmental studies. Alongside his research, he is experienced in teaching, student mentoring, scholarly writing, and data interpretation, supported by strong statistical computing and academic research skills.

Languages

English



Arabic



Interests

Programming Reading
Travelling

Other interests

Education

- **BSc in Statistics**
From October 1996 to October 2001
Mustansiriyah University Baghdad, BG, Iraq
- **MSc in Statistics**
From August 2002 to August 2005
Mustansiriyah University Baghdad, BG, Iraq
- **PhD in Statistics**
From August 2016 to August 2021
Baghdad University Baghdad, BG, Iraq

Work experience

- **Lecturer**
Since June 2005 Wasit University Alkut- Wasit - Iraq

Publications

High Order Statistics From Lambert-Topp-Leone Distribution: Statistical Properties and Applications

2025, Statistics Optimization & Information Computing

Quasi Lindley Regression Model Residual Analysis for Biomedical Data

2025, Statistics Optimization & Information Computing

A DEEP NEURAL NETWORK APPROACH FOR ESTIMATING TIME-VARYING PARAMETERS IN ORDINARY DIFFERENTIAL EQUATION MODELS

2025, Journal of Applied Probability and Statistics

REGRESSION MODEL FOR MG GAMMA LINDLEY WITH APPLICATION

2025, Journal of Applied Probability and Statistics

Estimating General Linear Regression Model of Big Data by Using Multiple Test Technique

2025, Iraqi Statisticians Journal

Comparison between classical and Bayesian estimation with joint Jeffrey's prior to Weibull distribution parameters in the presence of large sample conditions

2024, Statistics in Transition New Series

A Comparison of Some Estimation Methods for Var-Covariance matrix in Big Data with Application

2023, Al Kut Journal of Economic and Administrative Sciences

Using Nonparametric Procedure to Develop an OCMT Estimator for Big Data Linear Regression Model with Application Chemical Pollution in the Tigris River

2023, Journal of Al-Rafidain University College For Sciences

Social networks

f @Ahmed Mahdi Salih

@ @Ahmed Mahdi Salih

Publications

Using Feasible Graphical Lasso Regression Method to Estimate the Parameters of General Linear Regression Model Under High Dimensional Data with Application

2023, Al Kut Journal of Economic and Administrative Sciences

Using Different Loss Function to Estimate the Parameters of Birnbaum–Saunders Distribution by Bayesian Method with Application

2022, Mathematical Statistician and Engineering Applications

On The Neutrosophic Formula of Some Matrix Equations Derived from Data Mining Theory and Control Systems

2022, International Journal of Neutrosophic Science (IJNS)

Using Quadratic Form Ratio Multiple Test to Estimate Linear Regression Model Parameters in Big Data with Application: Child Labor in Iraq

2022, Journal of Economics and Administrative Sciences

Estimating General Linear Regression model by Using Sure Independence Screening SIS Method under High Dimensional Data with Application

2022, Mathematical Statistician and Engineering Applications

Skills

Student mentoring and advising

Lecture delivery and presentation

Scholarly writing and grant proposal development

Assessment analytics and data interpretation

Student assessment design

Classroom management

Computer skills

Collaboration and Communication

- Microsoft Teams
- Zoom
- Slack

Presentation and Lecture Delivery

- Microsoft PowerPoint
- Google Slides
- Prezi

MATLAB

Python

WinQSB