Name: Feras Shaker Mahmood
Academic title: Assistant Professor
Specialization: Mathematics / Mathematical Statistics
Academic Qualification: Ph.D
University email: ferashaker2001@uoanbar.edu.iq

1

Education

Ph.D.   **2009-2008**

Pune University
Science Collage
Pune City - India
Dissertation Title
Some Improvements in the Ridge Regression Method

M. Sc.   **2004-2003**

AlBayt University
Science and Art Collage
Almafrak City – Jordan
Thesis Title
Unbiased Ridge Regression With Prior Information

B. Sc.   **1996-1995**
Al – anbar University
Education Collage for Pure Science
Ramadi City – Iraq

Academic work

Assistant researcher	1996/10 – 1999/10
Former Director of Registration for the College of Education	1996/ 7 – 1999/10
Assistant Teacher	2004/ 4 – 2005/7
Teacher	2013/ 2 – 2009/1
Assistant Professor	still up – 2013 / 3

Research and published books

- Improving Precision for Jackknifed Ridge Type Estimation, Far East Journal of Theoretical Statistics, Vol.24, No.2, 2008, Pages 157 – 174.
- Effect of Jackknifing on Various Ridge Type Estimators, Model Assisted Statistics and Applications 3, 2008 , pages 201-210, with S. D. Gore and M. R. Verma.
- The Efficiency of Modified Jackknife and Ridge Type Regression Estimators: A Comparison. Surveys in Mathematics and its Applications 3, 2008, pages 111-122, with T. V. Ramanathan and S. D. Gore.
- Combining Unbiased Ridge and Principal Component Regression Estimators, Communication in Statistics - Theory and Methods 38, 2009, pages 2201 – 2209, with S. Gore and M. ¨Ozkale.
- Ridge Regression Estimator: Combining Unbiased and Ordiniary Ridge Regression Methods of Estimation, Surveys in Mathematics and its Applications 3, 2009, pages 99 – 109, with S. D. Gore.
- Residual Analysis of Jackknifed Ridge Type Estimators, International Journal of Statistics & Economics (formerly known as the "Bulletin of Statistics & Economics"), Spring 2011, Vol. 6, 2011.
- Proposed A New Stochastic Restricted (r-k) Ridge Regression Estimator With Some New Ridge parameters in Linear Regression Model And Study Its Performance Via Monte Carlo Simulation Method, UASH, Page 147-159.
- Methods For Estimating R(S,K) Based On Rayleigh-Pareto Distribution, Journal of Al-Qadisiyah for Computer Science and Mathematics Vol. 13(1) 2021 , pp Math. 103–109.
- On Estimating Reliability of a Stress – Strength Model in Case of Rayleigh - Pareto Distribution", Iraqi Journal of Science, (2021), (Accepted for publication).
- On Reliability Estimation $p(X1 < Y < X2)$ Following Rayleigh-Pareto Distribution in Stress-Strength Model, AIP Conference Proceedings (2021), (Accepted for publication).
- On Estimating a Series and Parallel Reliability in Case the Rayleigh-Pareto Distribution in Stress-Strength Model, IEEE, Conference Proceedings (2021), (Accepted for publication).

Conferences:

No.	Conferences Title	Year	Place	Type of
1	New Trends in Statistics and Optimization	2008	Kashmir Univ.- India	Presented paper
2	Statistical Inference and Inferential Aspects of Industrial Statistics	2009	Pune Univ. - India	Presented paper
3	Third International Conference on Computing , Communications and	2019	Anbar Univ. - Iraq	Presented paper
4	Fifth International Conference on Computing , Mathematics and Statistics	2019	Azerbaijan Univ. - Azerbaijan	Attendance

5	Al-Noor International Conference for Science and	2019	Sulymaniya - Iraq	Attendance
6	1st International Virtual Conference in 22-23 April	2020	Al- Qadisiyah - Iraq	Attendance
7	2nd International Virtual Conference on sport science	2020	Dohok - Iraq	Attendance
8	1st International Virtual Conference on pure science 10-11 June 2020	2020	Al- Qadisiyah - Iraq	Attendance
9	Iraqi Collage Conference IEEE	2021	Al Basra - Iraq	Presented paper
10	AIP	2021	Samara - Iraq	Presented paper

Teaching experiences

No.	Department	Subject	Year
1	Civil Engineering/M.Sc.	Mathematical Modeling	2012
2	Mathematics	Numerical Analysis	2004-2005
3	Basic Math.	Fundamental of Mathematics	2015
4	Mathematics	Euclidian and Non Euclidean	2004-2017
5	Mathematics	Calculus 1,2	2013-2015
6	Mathematics	Probability Theory 1, 2	2010-2018
7	Basic Math.	Linear Algebra	2014-2016
8	Mathematics	Scientific Research	2010-2020
9	Physics/ M.Sc	Scientific Research	2017-2019
10	Pharmacy / C.L.S	Math. & Biostatistics	2017-2019
11	Mathematics	Mathematical Statistics 1,2	2019-2020
12	Mathematics	Linear Algebra 1,2	2019-2020
13	Mathematics / M.Sc	Reliability	2019-2021

Honors and Awards

Certificate of Appreciation on the occasion of Flag Day 2011

Community service

Journal Name	Year
Journal of Multivariate Analysis	2014-2010
Communications in Statistics – Theory and Methods	2018-2012

Membership:

- Member of the Mathematical and physics Society from 1997.
- Member of the ISI / New Delhi /India from 2006.
- Member of the Iraqi Academic Syndicate from 2018.
- Member of the Khwarizmi Society of Mathematics from 2019.
- Member of the Iraqi Scientific sport Testing and Measurement Association from 2020.
- Member of Canadian Science Organization for training and development from2020.
- Member of the Badn Academy from 2020.
- Member of the Internal Auditor in Quality Assurance 2021.
- Member of the National Assessment in Institutional Accreditation 2021.

Skills:

For example, the use of writing programs, statistical programs, design and others R, Minitab, Matlab

Research interests

Mathematical Statistics, Reliability , Estimation Theory, Regression Analysis

Language

English

Communication Web-sites

Linked in https://www.linkedin.com/in/feras-iraq-31283529/

ResearchGate https://www.researchgate.net/profile/Feras-Batah

Scholar Google https://scholar.google.com/citations?user=gUPuIcwAAAAJ&hl=ar

Scopus https://www.scopus.com/authid/detail.uri?authorId=25029532600