

Curriculum Vitae

Personal details:

Name: Swar Omer Ahmed **Family Name:** Ari Kurki

Date and Place of Birth: 20 April 1976 - Erbil- Iraq.

Marital Status: Married, Four children **Scientific Rank:** Lecturer

Home Address: D38-New Zanco Village, Erbil, Iraq

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Education:

14-9-2020 Awarded **PhD** in Mathematics (*Applied Statistics*), Department of Mathematics, College of Science, University of Salahaddin/Erbil, Iraq

Ph.D. Thesis: Constructing Two-Parameter Bivariate Weibull distribution for Censored Data using Archimedean Copula and Type II Marshall-Olkin

Supervisor: Assistant Professor Dr. Khwazben S. Fatah and Professor Dr. Sahib Esa

20-6-2016 Awarded M.Sc. in Mathematics (*Mathematical Statistics*), Department of Mathematics, College of Science, Mustansry university-Baghdad, Iraq.

Supervisor: Assistant Professor Dr. Sami D. Gabbra,

1-7-1999 Awarded **B.Sc.** in Mathematics, Department of Mathematics, College of Science, University of Salahaddin/Erbil, Iraq.

1994-1995 Awarded **Baccalaureate**, Azadi Secondary School, Erbil, Iraq

Employment History:

2020--: (PhD) Lecturer at the Mathematics Department / College of Science /Salahaddin University-Erbil/IRAQ.

2015-2020: (MSC) Lecturers at the Mathematics Department / College of Science /Salahaddin University-Erbil/IRAQ.

2007-2015: (MSC) Assistant Lecturer at the Mathematics Department / College of Science /Salahaddin University-Erbil/IRAQ.

1999-2004: Assistant researcher in the Mathematics Department / College of Science /Salahaddin University-Erbil/IRAQ.

TEACHING EXPERIENCE

- Applied Statistics with SPSS.
- Mathematical Statistics
- Introduction to Probability and Statistics
- Calculus and Advanced Calculus
- Computer programming (Basic, Pascal, C++, ...) language
- Mathematics for computation using MATLAB

RESEARCH INTERESTS

Survival Analysis; Monte Carlo Method; dependent measure; biostatistics, medical statistics Time Series, Regression analysis, simulation.

Research Publications

1. ZZ Dilshad, [Swar O Ahmed](#), B Rahman, The Effect of COVID-19 on the Kurdistan Region Government (KRG) Economy, Journal of the Knowledge Economy, 1-16, online published, 2023.
2. [Ahmed, S.O.](#), Fatah, K.S. and Esa, S., 2021. Local Dependence for Bivariate Weibull Distributions Created by Archimedean Copula Baghdad Science Journal, 18(1), pp.816-823.
3. [Ahmed, S.O.](#), Fatah, K.S. and Esa, S., 2021. Statistical Analysis of Bivariate Failure Time Data with Type I and Type II Marshall–Olkin Weibull Models. Journal of Advanced Research in Dynamical and Control Systems, 12 (SPECIAL ISSUES), pp.253-264.
4. Fatah, K.S., [Ahmed, S.O.](#), 2012. Variance Estimates for Price Changes in the Consumer Price Index for Kurdistan Region of Iraq (January-December 2009). Journal of Basrah Research ((Sciences)), 38(4A), pp.80-91.

Scientific Conferences, Schools and workshops and memberships

1. Participated of the local organizing committee of the West Asia Mathematical Schools; Entitled: Control and Optimization with Industrial Applications; Date and place of the school; 19-29 December 2018, Place: Department of mathematics, College of Sciences, Salahaddin University-Erbil, Erbil, Kurdistan-Iraq.
2. Participate in an international workshop entitled “Some basic mathematics in cryptographic protocols” in 29th April – 3rd May, 2018 at Mathematics department, College of Science, Salahaddin University, Erbil.
3. Member of organizing committee of the national conference of pure and applied mathematics and mathematics education (NCPAME-2018) which was held on February 11-12, 2018, in Erbil, KRGF-IRAQ by Faculty of Education of Ishik University.
4. Lecturer in training course “statistics and statistical data analysis with SPSS and Graph pad”, this training course is held at Mathematics Department, College of Science, Salahaddin University-Erbil for the period 10-14 March 2019.
5. Member of the organizing committee of the Second International Conference of Mathematics (SICME2019) was held at College of Science, Salahaddin University-Erbil, 3-5-February 2019.
6. Member of the organizing committee of the Third International Conference of Mathematics (TICM 2022) was held at College of Science, Salahaddin University-Erbil, 29-31 August 2022.

REFERENCE

Khawzbeen S. Fatah, Assistant professor at Mathematics Department, Salahaddin University-Erbil, Erbil, Kurdistan-Iraq
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