Alwageh Ahmed Farghal

Curriculum Vitae

Personal Data

Full Name	**Alwageh Ahmed Farghal Mohamed**
Nationality	Egyptian
Address	Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt
Date of Birth	17 Feb. 1985
Mobiles	+201096103053
Email	alwageh_ahmed@science.sohag.edu.eg
major specialization	**Mathematical Statistics**
Current position	**Lecturer**
Homepage	Please Click Here
Scopus	Please Click Here
Orcid	Please Click Here
Google Scholar	Please Click Here
Research Gate	Please Click Here
YouTube Chanel	Please Click Here

Research Interest

Statistics, Mathematical Statistics, Statistical Inference and Bayesian Inference.

Scopus Information's

Scopus ID	No. of articles in Scopus	Citations in Scopus	h-index in Scopus
57206657786	6	12	2

Work Experience

Feb. 2016 to date	Lecture at Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt.
November 2011 - Jan 2016	Assistant Lecturer at Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt.
May 2007 - Oct. 2011	Instructor at Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt.

Teaching (Undergraduate Courses)

Theory of Probability, Introduction to Probability, Statistics and Bio-statistics, Calculus (differentiation and integration), Special functions, Ordinary differential equations, Complex Analysis and Mathematical methods Algebra A, Integral I, Integral II, Mathematica program and SPSS Program.

Teaching (Graduate Courses)

Statistical Inference and Mathematical Statistics.

Education

Jan. 2016	**Ph.D. in Mathematical Statistics under title "Statistical inference using progressive censored samples and accelerated life testing from some models: Bayesian and non-Bayesian approaches" , Mathematics Department**, *Sohag University*, Sohag, *Egypt*
May 2011	**Master Degree of Science in Mathematical Statistics under title "Estimation for Reliability Function and Prediction Based on Record Values from Rayleigh Distribution" , Mathematics Department**, *Sohag University*, Sohag, *Egypt*
Oct. 2008	**Pre-Master Degree Diploma in Mathematics , Mathematics Department**, *Sohag University*, Sohag, *Egypt*
2002 - 2006	**Bachelor's Degree of Science (Major: Mathematics, Very good with honor degree**, *Sohag University*, Sohag, *Egypt*

Master Thesis

Title	*"Estimation for Reliability Function and Prediction Based on Record Values from Rayleigh Distribution".*
Supervisors	Prof.Dr/ Ahmed Abo-Elmagd Soliman, Prof.Dr/ Ahmed Hamed Abd Ellah, Dr/Naser Amin Abou-Elheggag

Ph. D. Thesis

Title	*"Statistical inference using progressive censored samples and accelerated life testing from some models: Bayesian and non-Bayesian approaches".*
Supervisors	Supervisors: Prof.Dr/ Ahmed Abo-Elmagd Soliman, Prof.Dr/ Ahmed Hamed Abd Ellah, Dr/Essam Al-Sayed Ahmed,

Thesis that I have supervised

Master
1. "Estimation for Reliability Function and Prediction Based on Record Values from Kumaraswamy Distribution: , Hanan A. Ramadan, approved in march 2019.
2. "Statistical Inference on the New Generalized Exponential Distribution", Osama M. Rashed , approved in February 2021.
3. "Statistical Inference Based on Censored Samples and Accelerated Life Tests: Bayesian and Non- Bayesian Approaches" Abdullah Fathi, approved in December 2022.

Ph.D "Statistical Inference and Predictions for Generalized Inverted Exponential Distribution Based on Censored Samples and Record Values" , Abdulgalil A. Alshibany, approved in march 2020.

Publications

1. A. A. Soliman, A. H. Abd Ellah, Essam. A. Ahmed and Al-Wageh A. Farghal. Bayesian Estimation from Exponentiated Frechet Model using MCMC Approach based on Progressive Type-II Censoring Data, Journal of Statistics Applications & Probability, 4, No. 3, 387-403 (2015).
2. Ahmed Abo-Elmagd Soliman, Essam Al-Sayed Ahmed, Ahmed Hamed Abd Ellah, Al-Wageh Ahmed Farghal. Assessing the Lifetime Performance Index Using Exponentiated Frechet Distribution with the Progressive First-Failure-Censoring Scheme. American Journal of Theoretical and Applied Statistics. Vol. 3, No. 6, 2014, pp. 167-176.
3. Naser A. Abou-Elheggag, Al-Wageh A. Farghal and Hanan A. Ramadan. Estimation of R =P(Y ¡ X) using k-upper record values from kumaraswamy distribution, the Journal of Statistics Applications & Probability, Vol. 7, No. 2 (Jul. 2018), PP:263-273.
4. Ahmed A. Soliman, Essam. A. Ahmed, Al-Wageh A. Farghal and Abdulgalil A. Alshibany. Estimation of Generalized Inverted Exponential Distribution based on Adaptive Type-II Progressive Censoring Data, Journal of Statistics Applications & Probability. Pro. 9, No. 2, 215-230 (2020).
5. Ahmed A. Soliman, Al-Wageh A. Farghal and Gamal.A. Abd-Elmougod. Statistical Inference under Copula Approach of Accelerated Dependent Generalized Inverted Exponential Failure Time with Progressive Hybrid Censoring Scheme. Applied Mathematics & Information Sciences, Volume 15, No. 6 (2021), PP:687-699.
6. N. A. Abou-Elheggag, Alwageh A. Farghal, G. A. Abd-Elmougod and Osama Taha. Progressive First-Failure Censored Samples in Estimation and Prediction of NH Distribution. Journal of Statistics Applications & Probability. 11, No. 1, 189-204 (2022).
7. Saad J. Almalki, Al-Wageh A. Farghal, Manoj K. Rastogi and Gamal A. Abd-Elmougod. Partially constant-stress accelerated life tests model for parameters estimation of Kumaraswamy distribution under adaptive Type-II progressive censoring. Alexandria Engineering Journal, 2022, 61(7), pp. 5133–5143.
8. Abdullah Fathia , Al-Wageh A. Farghal and Ahmed A. Soliman. Bayesian and Non-Bayesian Inference for Weibull Inverted Exponential Model under Progressive First-Failure Censoring Data. Mathematics, 2022, 10(10), 1648.
9. Ahmed A. Soliman, Essam. A. Ahmed, Al-Wageh A. Farghal and Abdulgalil A. Alshibany. Assessing the Lifetime Performance Index using the Generalized Inverted Exponential Distribution with the Progressive First-failure-censoring Scheme, Summited to the Journal of Applied Mathematics and Physics (JAMP).
10. Al-Wageh A. Farghal, G.A. Abd-Elmougod. Estimation for Generalized Inverted Exponential competing risks model with partially observed failure causes under progressive type-II censoring schemes. Summited to Journal of Mathematics.

Projects

2020 I participated in a research project as Co-Researcher in 2020: The Academy of Scientific Research and Technology, Egypt, under Science UP grant No. (6469), 2020

Conferences

1. Member of the organizing committee of the first Scientific Conference, The 1nd International Conference on Mathematics and Information Security, Sohag University, Sohag, Egypt, 13-15 November 2009.
2. Member of the organizing committee of the Second Scientific Conference, The 2nd International Conference on Mathematics and Information Science, Sohag University, Sohag, Egypt, 10-13 September 2011.
3. Attend the Ninth International Conference on Ordered Statistical Data And Their Applications, Zagazig University, Zagazig, Egypt, (Sunday, 11 / July - Tuesday, 13 / July 2010).
4. Attend the Second Conference of young researchers at the University of Sohag, Sohag, Egypt, 12 May 2011.
5. Attend the First National Conference on Mathematics, and its Applications at Dar al-Diyafa, Ain Shams University, Cairo, Egypt. 14 – 16 Dec. 2014.
6. Attend the 6th International Conference on Mathematics and Information Sciences Feb. 09-11, 2017, Zewail University, Egypt.
7. Attend the 7th International Conference on Mathematics and Information Sciences. Feb. 15-17, 2018, Sohag University, Egypt.

Languages

Arabic Native
English Very Good
French Good

Computer Skills

International Computer Driving License ICDL, Matlab, Mathematica, Spss.