

Research Group 8

Basic Information

Department	Mathematics
Location	Sohag University
Group Name	Statistics and Probability Group
Academic Year	2021

Group Members

No. of Prof.	No. of Ass. Prof.	No. of Lect.	No. of Ass. Lect. & Demonstr.
2	2	2	1

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Staff members Professors

	Name	Scientific degree	e-mail	Specializations	C.V
1	Ahmed A. Soliman	Professor	a-a-sol@hotmail.com	Mathematical Statistics	https://www.researchgate.net/profile/Ahmed-Soliman-26
2	Ahmad Hamed Abd Ellah	Professor	ahmhamed@hotmail.com		https://www.researchgate.net/profile/Ahmed-Abd-Ellah

Associate Professors

	Name	Scientific degree	e-mail	Specializations	C.V
1	Nasser A. Abou-Elheggag	Associate Professor	nasseramin62@hotmail.com	Mathematical Statistics	https://www.researchgate.net/profile/Nasser-A-Abou-Elheggag
2	Essam Al sayed Ahmed	Associate Professor	esam_alsyd@yahoo.com		https://www.researchgate.net/profile/Essam-Ahmed-4

Lecturers

	Name	Scientific degree	e-mail	Specializations	C.V
1	Alwageh A. Farghal	Lecturer	ahmed@yahoo.com	Mathematical Statistics	https://www.researchgate.net/profile/Alwageh-A-Farghal
2	Samah. M. Ahmed	Lecturer	samahma2010@yahoo.com		https://www.researchgate.net/scientific-contributions/Samah-M-Ahmed-2132858148

Ass. Lecturers & Demonstrators

	Name	Scientific degree	e-mail	Specializations	C.V
1	Osama M. Taha	Associate Lecturer	osama.taha@science.sohag.edu.eg	Mathematical Statistics	https://www.researchgate.net/profile/Osama_Taha15

Theses produced by the Lab

Ph.D. Thesis

	Name	Title	Approval date
1	Abdulgalil A. Alshibany	Statistical Inference and Predictions for Generalized Inverted Exponential Distribution Based on Censored Samples and Record Values.	march 2020

M. Sc Thesis

	Name	Title	Approval date
1	Osama M. Taha	Statistical Inference on the New Generalized Exponential Distribution.	Feb 2021
2	Hanan A. Ramadan	Estimation for Reliability Function and Prediction Based on Record Values from Kumaraswamy Distribution.	march 2019

Articles produced by the Lab

	<u>Title</u>	<u>Journal information</u>
1	Step-stress partially accelerated life tests model in estimation of inverse weibull parameters under progressive type-II censoring	Applied Mathematics and Information Sciences, (2017), 11 (5), pp. 1369-1381.
2	Estimation and prediction for the generalized inverted exponential distribution based on progressively first-failure-censored data with application	Journal of Applied Statistics, (2017), 44 (9), pp. 1576-1608.
3	Estimation of $R = P(Y \leq X)$ using k-upper record values from kumaraswamy distribution.	Journal of Statistics Applications and Probability, (2018), 7 (2), pp. 263-273.
4	Inference of progressively type-II censored competing risks data from Chen distribution with an application	Journal of Applied Statistics, (2020), 47 (13-15), pp. 2492-2524.
5	Estimation of generalized inverted exponential distribution based on adaptive type-II progressive censoring data.	Journal of Statistics Applications and Probability, (2020) 9 (2), pp. 215-230.

	<u>Title</u>	<u>Journal information</u>
6	Estimation of exponentiated Nadarajah-Haghighi distribution under progressively type-II censored sample with application to bladder cancer data.	Indian Journal of Pure and Applied Mathematics, (2020), 51 (2), pp. 631-657.
7	Bayesian and non-Bayesian inference under adaptive type-II progressive censored sample with exponentiated power Lindley distribution	Journal of Applied Statistics (2021), 49(1), pp.1-21
8	A new one-parameter lifetime distribution and its regression model with applications.	Journal of PLOS ONE (2021) , 13(9) ,pages={1730}
9	Statistical inferences for type-II hybrid censoring data from the alpha power exponential distribution	Journal of PLOS ONE (2021) , 13(10).
10	Bivariate Gompertz generator of distributions: statistical properties and estimation with application to model football data.	Journal of the National Science Foundation of Sri Lanka (2020), 48(2).

	<u>Title</u>	<u>Journal information</u>
11	Inference of progressively type-II censored competing risks data from Chen distribution with an application View supplementary material	Journal of Applied Statistics ,(2020), 47(13-15)

	Inference of progressively type-II censored competing risks data from Chen distribution with an application	
12	Progressive First-Failure Censored Samples in Estimation and Prediction of NH Distribution.	Journal of Statistics Applications & Probability(2022) 11(1):189-204.
13	Partially constant-stress accelerated life tests model for parameters estimation of Kumaraswamy distribution under adaptive Type-II progressive censoring.	AEJ - Alexandria Engineering Journal(2021)
14	Statistical Inference under Copula Approach of Accelerated Dependent Generalized Inverted Exponential Failure Time with Progressive Hybrid Censoring Scheme	Applied Mathematics & Information Sciences(2021) 15(6)::687-699.
15	Statistical Inferences of Burr XII Lifetime Models under Joint Type-1 Competing Risks Samples	Journal of Mathematics 2021(40):1-16
	<u>Title</u>	<u>Journal information</u>
16	Inference of partially observed causes for failure of Lomax competing risks model under type-II generalized hybrid censoring scheme	AEJ - Alexandria Engineering Journal(2021).