CURRICULUM VITAE

PERSONAL DATA

Name	Ehab Mohamed Ali Mohamed Almetwally
Nationality	Egyptian
Position	Assistant Professor
E-Mail	EMAlmetwally@imamu.edu.sa
Phone	0573213676

EDUCATION

Year	Academic Degree	Institution
2023	Ph.D. in Statistics	Faculty of Graduate Studies for Statistical Research, Cairo university
2019	Master in Statistics	Faculty of Graduate Studies for Statistical Research, Cairo university
2016	B.A of in Statistics and insurance	Faculty of commerce, Zagazig university

WORK EXPERIENCE

Period	Position	Address
9/2023 until Now	**Assistant Professor**	Department of Mathematics and Statistics, College of Science, Imam Mohammad Ibn Saud Islamic University, Riyadh, Saudi Arabia
1/2023 until 9/2023	**Assistant Professor**	Statistics department, Faculty of Business Administration, Delta University for Science and Technology, Gamasa, Egypt
6-2022 until Now	**Chief of the Management Board**	The Scientific Association for Studies and Applied Research, Al-mansoura, Egypt
2-2020 until 12-2022	**Lecturer**	Statistics department, Faculty of Business Administration, Delta University for Science and Technology, Gamasa, Egypt
9-2022 until Now	**Editorial manager**	Journal of Business and Environmental Sciences, The Scientific Association for Studies and Applied Research, Al-Mansoura, Egypt

RESEARCH INTERESTS

- Statistical Inference
- Statistical Modeling
- Multivariate Statistics
- R Statistical Package
- Maximum Likelihood
- Bayesian Statistics
- Descriptive Statistics
- Sampling
- Data Analysis
- Structural Equation Modeling
- Statistical Analysis

PUBLICATIONS (11/2023)

Scientific Production:

	H-Index	Citation
Scopus	**20**	**1220**
Google Scholar	**26**	**1951**
Web of Science	**18**	**882**

Publications Index:

No.	International		Local		
	Scopus	**Web of science**	**Inside Egypt**	**Outside Egypt**	
	137	**113**	**10**	**17**	
Total	**140**		**27**		

1.	Bayesian and maximum likelihood estimation for the Weibull generalized exponential distribution parameters using progressive censoring schemes. *Pakistan Journal of Statistics and Operation Research*, 14(4), 853-868.	2018
2.	A new generalization of the Pareto distribution and its applications. *Statistics in Transition New Series*, 21(5), 61-84.	
3.	Progressive type-II censoring schemes of extended odd Weibull exponential distribution with applications in medicine and engineering. *Mathematics,* 8(10), 1679.	
4.	Progressive Type-II hybrid censored schemes based on maximum product spacing with application to Power Lomax distribution. *Physica A: Statistical Mechanics and its Applications*, 553, 124251.	2020
5.	Maximum product spacing estimation of Weibull distribution under adaptive type-II progressive censoring schemes. *Annals of Data Science*, 7(2), 257-279.	
6.	Bivariate Weibull distribution: properties and different methods of estimation. *Annals of Data*	

Science, 7(1), 163-193.	
7. On a bivariate Fréchet distribution. ***J Stat Appl Probab***, 9(1), 1-21.	
8. Bivariate Burr X generator of distributions: properties and estimation methods with applications to complete and type-II censored samples. ***Mathematics***, 8(2), 264.	
9. Bayesian and non-Bayesian estimation for the bivariate inverse weibull distribution under progressive type-II censoring. ***Annals of Data Science***, 1-32.	
10. Robust estimation methods of generalized exponential distribution with outliers. ***Pakistan Journal of Statistics and Operation Research***, 16(3), 545-559.	
11. Marshall-Olkin generalized Pareto distribution: Bayesian and non Bayesian estimation. ***Pakistan Journal of Statistics and Operation Research***, 16(1), 21-33.	
12. Reliability Analysis of the New Exponential Inverted Topp–Leone Distribution with Applications. ***Entropy***, 23(12), 1662.	
13. On the discrete Weibull Marshall–Olkin family of distributions: Properties, characterizations, and applications. ***Axioms***, 10(4), 287.	
14. Multi stress-strength reliability based on progressive first failure for Kumaraswamy model: Bayesian and non-Bayesian estimation. ***Symmetry***, 13(11), 2120.	
15. Reliability Test Plan For The Marshall-Olkin Extended Inverted Kumaraswamy Distribution. ***Reliability: Theory & Applications***, 16(3 (63)), 26-36.	
16. Ranked set sampling with application of modified kies exponential distribution. ***Alexandria Engineering Journal***, 60(4), 4041-4046.	
17. Generalizations of pareto distribution with applications to lifetime data. In ***Journal of Physics: Conference Series*** (Vol. 1943, No. 1, p. 012141). IOP Publishing.	
18. Marshall-olkin alpha power inverse Weibull distribution: non bayesian and bayesian estimations. ***Journal of Statistics Applications & Probability***, 10(2), 327-345.	
19. Statistical inference for the extended weibull distribution based on adaptive type-II progressive hybrid censored competing risks data. ***Thailand Statistician***, 19(3), 547-564.	
20. A new extended Rayleigh distribution with applications of COVID-19 data. ***Results in Physics***, 23, 104012.	
21. Kumaraswamy inverted Topp–Leone distribution with applications to COVID-19 data. ***Computers, Materials, & Continua***, 68(1), 337-358.	
22. A new inverted topp-leone distribution: applications to the COVID-19 mortality rate in two different countries. ***Axioms***, 10(1), 25.	
23. The New Novel Discrete Distribution with Application on COVID-19 Mortality Numbers in Kingdom of Saudi Arabia and Latvia. ***Complexity***, 2021.	
24. Type I half logistic Burr XG family: properties, bayesian, and non-bayesian estimation under censored samples and applications to COVID-19 data. ***Mathematical Problems in Engineering***, 2021.	2021
25. Alotaibi, R., Khalifa, M., **Almetwally, E. M.,** & Ghosh, I. (2021). Classical and Bayesian Inference of a Mixture of Bivariate Exponentiated Exponential Model. ***Journal of Mathematics***, 2021.	
26. A new transmuted generalized lomax distribution: Properties and applications to COVID-19 data. ***Computational Intelligence and Neuroscience***, 2021.	
27. Dependency Measures For New Bivariate Models Based on Copula Function. ***Information Sciences Letters***, 10(3), 511-526.	
28. Stress-strength reliability for exponentiated inverted Weibull distribution with application on breaking of Jute fiber and Carbon fibers. ***Computational Intelligence and Neuroscience***, 2021.	
29. Bayesian and non-bayesian estimation for the parameter of bivariate generalized Rayleigh distribution based on clayton copula under progressive type-II censoring with random removal. ***Sankhya A***, 1-38.	
30. Marshall–Olkin alpha power lomax distribution: Estimation methods, applications on physics and economics. ***Pakistan Journal of Statistics and Operation Research***, 17(1), 137-153.	
31. Marshall-Olkin Alpha Power Rayleigh Distribution: Properties, Characterizations, Estimation and Engineering applications. ***Pakistan Journal of Statistics and Operation Research,*** 17(3) 745-760.	
32. Statistical inference under censored data for the new exponential-X Fréchet distribution: Simulation and application to leukemia data. ***Computational Intelligence and Neuroscience***, 2021.	
33. Estimation of the Exponential Pareto Distribution's Parameters under Ranked and Double Ranked Set Sampling Designs. ***Pakistan Journal of Statistics and Operation Research***, 17(1), 169-184.	
34. Parameter estimation of alpha power inverted Topp–Leone distribution with applications. ***Intell. Autom. Soft Comput***, 29, 353-371.	

35. Inference of fuzzy reliability model for inverse Rayleigh distribution. *Aims Math*, *6*(9), 9770-9785.		
36. Weighted Power Lomax Distribution and its Length Biased Version: Properties and Estimation Based on Censored Samples. *Pakistan Journal of Statistics and Operation Research*, 17(2), 343-356.		
37. Bayesian and non-Bayesian inference under adaptive type-II progressive censored sample with exponentiated power Lindley distribution. *Journal of Applied Statistics*, 1-21.		
38. Applying transformer insulation using Weibull extended distribution based on progressive censoring scheme. *Axioms*, *10*(2), 100.		
39. Assessing the performance of some ranked set sampling designs using HybridApproach. *Computers, Materials & Continua*, *68*(3), 3737-3753.		
40. Bayesian analysis in partially accelerated life tests for weighted lomax distribution. *CMC-Computers Materials Continua*, *68*(3), 2859-2875.		
41. Marshall–Olkin alpha power weibull distribution: different methods of estimation based on type-I and type-II censoring. *Complexity*, *2021*.		
42. Accelerated life tests for modified Kies exponential lifetime distribution: binomial removal, transformers turn insulation application and numerical results. *AIMS Mathematics*, *6*(5), 5222-5255.		
43. The Weibull generalized exponential distribution with censored sample: estimation and application on real data. *Complexity*, *2021*.		
44. Alshenawy, R., Sabry, M. A., **Almetwally, E. M.,** & Almongy, H. M. (2021). Product spacing of stress–strength under progressive hybrid censored for exponentiated-gumbel distribution. *Computers, Materials & Continua*, *66*(3), 2973-2995.		
45. Exponentiated generalized inverse flexible Weibull distribution: Bayesian and non-Bayesian estimation under complete and type II censored samples with applications. *Communications in Mathematics and Statistics*, 1-22.		
46. A superior extension for the Lomax distribution with application to Covid-19 infections real data. *Alexandria Engineering Journal*, *61*(12), 11077-11090.		
47. On Odd Perks-G Class of Distributions: Properties, Regression Model, Discretization, Bayesian and Non-Bayesian Estimation, and Applications. *Symmetry*, *14*(5), 883.		
48. Bayesian Estimation of A one Parameter Akshaya Distribution with Progressively Type II Censord Data. *Journal of Statistics Applications & Probability*, 11, No. 2, 565-579.		
49. Optimal Design for a Bivariate Step-Stress Accelerated Life Test with Alpha Power Exponential Distribution Based on Type-I Progressive Censored Samples. *Symmetry*, *14*(4), 830.		
50. On the Generalized Bilal Distribution: Some Properties and Estimation under Ranked Set Sampling. *Axioms*, *11*(4), 173.	2022	
51. BAYESIAN INFERENCE FOR THE PARAMETERS OF EXPONENTIATED CHEN DISTRIBUTION BASED ON HYBRID CENSORING. *Pak. J. Statist*, *38*(2), 145-164.		
52. The odd Weibull inverse topp–leone distribution with applications to COVID-19 data. *Annals of Data Science*, *9*(1), 121-140.		
53. Alpha Power Moment Exponential Model with Applications to Biomedical Science. *Scientific Programming*, *2022*.		
54. Statistical Inference to the Parameter of the Akshaya Distribution under Competing Risks Data with Application HIV Infection to AIDS. *Annals of Data Science*, 1-27.		
55. Progressive Type-II Censored Samples for Bivariate Weibull Distribution with Economic and Medical Applications. *Annals of Data Science*, 1-35.		
56. Monte Carlo Simulation of Stress-Strength Model and Reliability Estimation for Extension of the Exponential Distribution. *Thailand Statistician*, *20*(1), 124-143.		
57. Bayesian and Non-Bayesian Reliability Estimation of Stress-Strength Model for Power-Modified Lindley Distribution. *Computational Intelligence and Neuroscience*, *2022*.		
58. The new discrete distribution with application to COVID-19 Data. *Results in Physics*, *32*, 104987.		
59. Marshall olkin alpha power extended Weibull distribution: different methods of estimation based on type i and type II censoring. *Gazi University Journal of Science*, 35(1): 293-312.		
60. Classical and Bayesian Inference of a Progressive-Stress Model for the Nadarajah–Haghighi Distribution with Type II Progressive Censoring and Different Loss Functions. *Mathematics*, *10*(9), 1602.		
61. Truncated Cauchy Power Weibull-G Class of Distributions: Bayesian and Non-Bayesian Inference Modelling for COVID-19 and Carbon Fiber Data. *Mathematics*, *10*(9), 1565.		
62. Classical and Bayesian Inference on Finite Mixture of Exponentiated Kumaraswamy Gompertz		

and Exponentiated Kumaraswamy Fréchet Distributions under Progressive Type II Censoring with Applications. *Mathematics*, 10(9), 1496.		
63. The odd Weibull inverse topp–leone distribution with applications to COVID-19 data. *Annals of Data Science*, 9(1), 121-140.		
64. Inferential Survival Analysis for Inverted NH Distribution Under Adaptive Progressive Hybrid Censoring with Application of Transformer Insulation. *Annals of Data Science*, 1-48.		
65. Mohamed, R. A., Elgarhy, M., Alabdulhadi, M. H., **Almetwally, E. M.,** & Radwan, T. (2023). Statistical Inference of Truncated Cauchy Power-Inverted Topp–Leone Distribution under Hybrid Censored Scheme with Applications. *Axioms*, 12(2), 148.		
66. Alrumayh, A., Weera, W., Khogeer, H. A., & **Almetwally, E. M.** (2023). Optimal analysis of adaptive type-II progressive censored for new unit-lindley model. *Journal of King Saud University-Science*, 35(2), 102462.		
67. **Almetwally, E. M.,** Jawa, T. M., Sayed-Ahmed, N., Park, C., Zakarya, M., & Dey, S. (2023). Analysis of unit-Weibull based on progressive type-II censored with optimal scheme. *Alexandria Engineering Journal*, 63, 321-338.		
68. Abo-Kasem, O. E., **Almetwally, E. M.,** & Abu El Azm, W. S. (2023). Reliability analysis of two Gompertz populations under joint progressive type-ii censoring scheme based on binomial removal. *International Journal of Modelling and Simulation*, 1-21.		
69. Haj Ahmad, H., **Almetwally, E. M.,** Elgarhy, M., & Ramadan, D. A. (2023). On Unit Exponential Pareto Distribution for Modeling the Recovery Rate of COVID-19. *Processes*, 11(1), 232.		
70. Haj Ahmad, H., **Almetwally, E. M.,** Rabaiah, A., & Ramadan, D. A. (2023). Statistical Analysis of Alpha Power Inverse Weibull Distribution under Hybrid Censored Scheme with Applications to Ball Bearings Technology and Biomedical Data. *Symmetry*, 15(1), 161.		
71. Almuqrin, M. A., Almutlak, S. A., Gemeay, A. M., **Almetwally, E. M.,** Karakaya, K., Makumi, N., ... & Aldallal, R. (2023). Weighted power Maxwell distribution: Statistical inference and COVID-19 applications. *Plos one*, 18(1), e0278659.		
72. El-Sherpieny, E. S. A., Muhammed, H. Z., & **Almetwally, E. M.** (2023). A New Inverse Rayleigh Distribution with Applications of COVID-19 Data: Properties, Estimation Methods and Censored Sample. **Electronic Journal of Applied Statistical Analysis**, 16(2), 449-472.		
73. Al Mutairi, A., Khashab, R. H., **Almetwally, E. M.,** Abo-Kasem, O. E., & Ibrahim, G. M. (2023). Bayesian and non-Bayesian inference for inverse Weibull model based on jointly type-II hybrid censoring samples with modeling to physics data. **AIP Advances**, 13(10).	2023	
74. Nassr, S. G., Hassan, A. S., **Almetwally, E. M.,** Al Mutairi, A., Khashab, R. H., & ElHaroun, N. M. (2023). Statistical inference of the inverted exponentiated Lomax distribution using generalized order statistics with application to COVID-19. **AIP Advances**, 13(10).		
75. Alsadat, N., Marei, G. A., Elgarhy, M., Ahmad, H., & **Almetwally, E. M.** (2023). Bayesian and non-Bayesian analysis with MCMC algorithm of stress-strength for a new two parameters lifetime model with applications. **AIP Advances**, 13(9).		
76. Chinedu, E. Q., Chukwudum, Q. C., Alsadat, N., Obulezi, O. J., **Almetwally, E. M.,** & Tolba, A. H. (2023). New Lifetime Distribution with Applications to Single Acceptance Sampling Plan and Scenarios of Increasing Hazard Rates. **Symmetry**, 15(10), 1881.		
77. Alsadat, N., Ramadan, D. A., **Almetwally, E. M.,** & Tolba, A. H. (2023). Estimation of some lifetime parameter of the unit half logistic-geometry distribution under progressively type-II censored data. **Journal of Radiation Research and Applied Sciences**, 16(4), 100674.		
78. Tolba, A. H., Muse, A. H., Fayomi, A., Baaqeel, H. M., & **Almetwally, E. M.** (2023). The Gull Alpha Power Lomax distributions: Properties, simulation, and applications to modeling COVID-19 mortality rates. **Plos one**, 18(9), e0283308.		
79. **Almetwally, E. M.,** Alotaibi, R., & Rezk, H. (2023). Estimation and Prediction for Alpha-Power Weibull Distribution Based on Hybrid Censoring. Symmetry, 15(9), 1687.		
80. Alotaibi, R., **Almetwally, E. M.,** & Rezk, H. (2023). Reliability Analysis of Kavya Manoharan Kumaraswamy Distribution under Generalized Progressive Hybrid Data. **Symmetry**, 15(9), 1671.		
81. Aljohani, H. M., Ahsan-ul-Haq, M., Zafar, J., **Almetwally, E. M.,** Alghamdi, A. S., Hussam, E., & Muse, A. H. (2023). Analysis of Covid-19 data using discrete Marshall–Olkinin length biased exponential: Bayesian and frequentist approach. **Scientific**		

Reports, 13(1), 12243.

82. Alotaibi, N., Al-Moisheer, A. S., Elbatal, I., Shrahili, M., Elgarhy, M., & **Almetwally, E. M.** (2023). Bayesian and Non-Bayesian Estimation for a New Extension of Power Topp–Leone Distribution under Ranked Set Sampling with Applications. **Axioms**, 12(8), 722.

83. Fayomi, A., Hassan, A. S., & **Almetwally, E. M.** (2023). Inference and quantile regression for the unit-exponentiated Lomax distribution. **Plos one**, 18(7), e0288635.

84. Elshahhat, A., **Almetwally, E. M.,** Dey, S., & Mohammed, H. S. (2023). Analysis of WE Parameters of Life Using Adaptive-Progressively Type-II Hybrid Censored Mechanical Equipment Data. **Axioms**, 12(7), 690.

85. Fayomi, A., **Almetwally, E. M.,** & Qura, M. E. (2023). Exploring New Horizons: Advancing Data Analysis in Kidney Patient Infection Rates and UEFA Champions League Scores Using Bivariate Kavya–Manoharan Transformation Family of Distributions. **Mathematics**, 11(13), 2986.

86. Alshenawy, F. Y., & **Almetwally, E. M.** (2023). A COMPARATIVE STUDY OF STATISTICAL AND INTELLIGENT CLASSIFICATION MODELS FOR PREDICTING DIABETES. **Advances and Applications in Statistics**, 88(2), 201-223.

87. Gomaa, R. S., Magar, A. M., Alsadat, N., **Almetwally, E. M.,** & Tolba, A. H. (2023). The Unit Alpha-Power Kum-Modified Size-Biased Lehmann Type II Distribution: Theory, Simulation, and Applications. **Symmetry**, 15(6), 1283.

88. Hussam, E., Sabry, M. A., Abd El-Raouf, M. M., & **Almetwally, E. M.** (2023). Fuzzy vs. Traditional Reliability Model for Inverse Weibull Distribution. **Axioms**, 12(6), 582.

89. Alotaibi, R., **Almetwally, E. M.,** & Rezk, H. (2023). Optimal test plan of discrete alpha power inverse Weibull distribution under censored data. **Journal of Radiation Research and Applied Sciences**, 16(2), 100573.

90. Abdelwahab, M. M., Ghorbal, A. B., Hassan, A. S., Elgarhy, M., **Almetwally, E. M.,** & Hashem, A. F. (2023). Classical and Bayesian Inference for the Kavya–Manoharan Generalized Exponential Distribution under Generalized Progressively Hybrid Censored Data. **Symmetry**, 15(6), 1193.

91. Yousef, M. M., Fayomi, A., & **Almetwally, E. M.** (2023). Simulation Techniques for Strength Component Partially Accelerated to Analyze Stress–Strength Model. **Symmetry**, 15(6), 1183.

92. Fayomi, A., **Almetwally, E. M.,** & Qura, M. E. (2023). A novel bivariate Lomax-G family of distributions: Properties, inference, and applications to environmental, medical, and computer science data. **AIMS Mathematics**, 8(8), 17539-17584.

93. Ahmad, A., Alsadat, N., Atchade, M. N., ul Ain, S. Q., Gemeay, A. M., Meraou, M. A., **Almetwally, E. M.** ... & Hussam, E. (2023). New hyperbolic sine-generator with an example of Rayleigh distribution: Simulation and data analysis in industry. **Alexandria Engineering Journal**, 73, 415-426.

94. Haj Ahmad, H., **Almetwally, E. M.,** & Ramadan, D. A. (2023). Investigating the Relationship between Processor and Memory Reliability in Data Science: A Bivariate Model Approach. **Mathematics**, 11(9), 2142.

95. Ramadan, D. A., **Almetwally, E. M.,** & Tolba, A. H. (2023). Statistical inference for multi stress–strength reliability based on progressive first failure with lifetime inverse Lomax distribution and analysis of transformer insulation data. **Quality and Reliability Engineering International**.

96. Zayed, M. A., Hassan, A. S., **Almetwally, E. M.,** Aboalkhair, A. M., Al-Nefaie, A. H., & Almongy, H. M. (2023). A Compound Class of Unit Burr XII Model: Theory, Estimation, Fuzzy, and Application. Scientific Programming, 2023.

97. Haj Ahmad, H., & **Almetwally, E. M.** (2023). On Statistical Inference of Generalized Pareto Distribution with Jointly Progressive Censored Samples with Binomial Removal. Mathematical Problems in Engineering, 2023.

98. Eldessouky, E. A., Hassan, O. H. M., Elgarhy, M., Hassan, E. A., Elbatal, I., & **Almetwally, E. M.** (2023). A New Extension of the Kumaraswamy Exponential Model with Modeling of Food Chain Data. **Axioms**, 12(4), 379.

99. Alotaibi, N., Al-Moisheer, A. S., Elbatal, I., Shrahili, M., Elgarhy, M., & **Almetwally, E. M.** (2023). Half Logistic Inverted Nadarajah–Haghighi Distribution under Ranked Set Sampling with Applications. **Mathematics**, 11(7), 1693.

100. Riad, F. H., Radwan, A., **Almetwally, E. M.,** & Elgarhy, M. (2023). A new heavy tailed distribution with actuarial measures. **Journal of Radiation Research and Applied Sciences**, 16(2), 100562.

101. Fayomi, A., Hassan, A. S., Baaqeel, H., & **Almetwally, E. M.** (2023). Bayesian

Inference and Data Analysis of the Unit–Power Burr X Distribution. **Axioms**, 12(3), 297.

102. Qura, M. E., Fayomi, A., Kilai, M., & **Almetwally, E. M.** (2023). Bivariate power Lomax distribution with medical applications. **Plos one**, 18(3), e0282581.

103. Alotaibi, N., Elbatal, I., Shrahili, M., Al-Moisheer, A. S., Elgarhy, M., & **Almetwally, E. M.** (2023). Statistical inference for the Kavya–Manoharan Kumaraswamy model under ranked set sampling with applications. **Symmetry**, 15(3), 587.

104. Hassan, E. A., Elgarhy, M., Eldessouky, E. A., Hassan, O. H. M., Amin, E. A., & **Almetwally, E. M.** (2023). Different estimation methods for new probability distribution approach based on environmental and medical data. **Axioms**, 12(2), 220.

105. Abo-Kasem, O. E., **Almetwally, E. M.,** & Abu El Azm, W. S. (2023). Reliability analysis of two Gompertz populations under joint progressive type-ii censoring scheme based on binomial removal. **International Journal of Modelling and Simulation**, 1-21.

106. Mohamed, R. A., Elgarhy, M., Alabdulhadi, M. H., **Almetwally, E. M.,** & Radwan, T. (2023). Statistical Inference of Truncated Cauchy Power-Inverted Topp–Leone Distribution under Hybrid Censored Scheme with Applications. **Axioms**, 12(2), 148.

107. Haj Ahmad, H., **Almetwally, E. M.,** Elgarhy, M., & Ramadan, D. A. (2023). On unit exponential pareto distribution for modeling the recovery rate of COVID-19. **Processes**, 11(1), 232.

108. Tashkandy, Y. A., **Almetwally, E. M.,** Ragab, R., Gemeay, A. M., Abd El-Raouf, M. M., Khosa, S. K., ... & Bakr, M. E. (2023). Statistical inferences for the extended inverse Weibull distribution under progressive type-II censored sample with applications. **Alexandria Engineering Journal**, 65, 493-502.

109. Haj Ahmad, H., **Almetwally, E. M.,** Rabaiah, A., & Ramadan, D. A. (2023). Statistical Analysis of Alpha Power Inverse Weibull Distribution under Hybrid Censored Scheme with Applications to Ball Bearings Technology and Biomedical Data. **Symmetry**, 15(1), 161.

110. Almuqrin, M. A., Almutlak, S. A., Gemeay, A. M., **Almetwally, E. M.,** Karakaya, K., Makumi, N., ... & Aldallal, R. (2023). Weighted power Maxwell distribution: Statistical inference and COVID-19 applications. **Plos one**, 18(1), e0278659.

111. Alrumayh, A., Weera, W., Khogeer, H. A., & **Almetwally, E. M.** (2023). Optimal analysis of adaptive type-II progressive censored for new unit-lindley model. **Journal of King Saud University-Science**, 35(2), 102462.