

Abdulhakim A. Al-Babtain Professor of Statistics, King Saud University

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TITLE	CITED BY	YEAR
<input type="checkbox"/> Theoretical Aspects for Bayesian Predictions Based on Three-Parameter Burr-XII Distribution and Its Applications in Climatic Data MM Hasaballah, AA Al-Babtain, MM Hossain, ME Bakr Symmetry 15 (8), 1552		2023
<input type="checkbox"/> Non-Parametric Hypothesis Testing for Unknown Aged Class of Life Distribution Using Real Medical Data ME Bakr, A A. Al-Babtain Axioms 12 (4), 369		2023
<input type="checkbox"/> A novel MAGDM approach based on cubic-rung orthopair fuzzy power generalized Maclaurin symmetric mean operator Q Khan, H Garg, H Khattak, AA Al-Babtain, I Elbatal, M Elgarhy Journal of Function Spaces 2022	<u>1</u>	2022
<input type="checkbox"/> Classical and Bayesian Inference of Marshall-Olkin Extended Gompertz Makeham Model with Modeling of Physics Data RAH Mohamed, AA Al-Babtain, I Elbatal, EM Almetwally, HM Almongy Journal of Mathematics 2022		2022
<input type="checkbox"/> Modeling various survival distributions using a nonparametric hypothesis testing based on Laplace transform approach with some real applications AM Gadallah, BI Mohammed, AA Al-Babtain, SK Khosa, M Kilai, M Yusuf, ... Computational and Mathematical Methods in Medicine 2022	<u>2</u>	2022
<input type="checkbox"/> Statistical modeling of some cancerous diseases using the Laplace transform approach of basic life testing issues ME Bakr, AA Al-Babtain, SK Khosa Computational and Mathematical Methods in Medicine 2022	<u>3</u>	2022

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<u>TITLE</u>	<u>CITED BY</u>	YEAR
<input type="checkbox"/> Statistical modelling for a new family of generalized distributions with real data applications ME Bakr, AA Al-Babtain, Z Mahmood, RA Aldallal, SK Khosa, ... Math. Biosci. Eng 19, 8705-8740	10	2022
<input type="checkbox"/> Solving Fundamental Life Testing Issues: An Application in Medical Science ME Bakr, AM Gadallah, AA Al-Babtain		2022
<input type="checkbox"/> Bayesian and non-Bayesian reliability estimation of stress-strength model for power-modified Lindley distribution AA Al-Babtain, I Elbatal, EM Almetwally Computational Intelligence and Neuroscience 2022	11	2022
<input type="checkbox"/> Non-parametric hypothesis testing to model some cancers based on goodness of fit ME Bakr, M Nagy, AA Al-Babtain AIMS Mathematics 7 (8), 13733-13745	4	2022
<input type="checkbox"/> Modeling engineering data using extended power-Lindley distribution: Properties and estimation methods AA Al-Babtain, D Kumar, AM Gemeay, S Dey, AZ Afify Journal of King Saud University-Science 33 (8), 101582	5	2021
<input type="checkbox"/> On a new modeling strategy: The logarithmically-exponential class of distributions ME Abdulkhakim A. Al-Babtain, Ibrahim Elbatal, Christophe Chesneau AIMS Mathematics 6 (7), 7845-7871		2021
<input type="checkbox"/> Statistical Properties & Different Methods Of Estimation Of A New Extended Weighted Frechet Distribution. MW Neamah Turkish Journal of Computer and Mathematics Education (TURCOMAT) 12 (6 ...		2021

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<input type="checkbox"/> Estimation of different types of entropies for the Kumaraswamy distribution AA Al-Babtain, I Elbatal, C Chesneau, M Elgarhy PLoS One 16 (3), e0249027	9	2021
<input type="checkbox"/> The flexible burr XG family: properties, inference, and applications in engineering science AA Al-Babtain, I Elbatal, H Al-Mofleh, AM Gemeay, AZ Afify, AM Sarg Symmetry 13 (3), 474	35	2021
<input type="checkbox"/> Estimation methods for the discrete Poisson-Lindley and discrete Lindley distributions with actuarial measures and applications in medicine AA Al-Babtain, AM Gemeay, AZ Afify Journal of King Saud University-Science 33 (2), 101224	20	2021
<input type="checkbox"/> Al-Babtain, Rehan AK Sherwani, Ahmed Z A Abdulhakim Afify, Khaoula Aidi, M. Arslan Nasir, Farrukh Jamal, Abdus Saboor. The ...	2	2021
<input type="checkbox"/> The Flexible Burr XG Family: Properties, Inference, and Applications in the Engineering Science. Symmetry 2021, 13, 474 AA Al-Babtain, I Elbatal, H Al-Mofleh, AM Gemeay, AZ Afify, AM Sarg s Note: MDPI stays neutral with regard to jurisdictional claims in published ...	1	2021
<input type="checkbox"/> Bayesian and Non-Bayesian Estimation of Composed Inverted Generalized Exponential–Exponential Distribution WY Ahmed, AHN Ahmed, HZ Muhammed, A Al-Babtain		2021
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<u>TITLE</u>	<u>CITED BY</u>	YEAR
<input type="checkbox"/> Dynamic cumulative residual Rényi entropy for Lomax distribution: Bayesian and non-Bayesian methods AA Al-Babtain, AS Hassan, AN Zaky, I Elbatal, M Elgarhy AIMS Mathematics 6 (4), 3889-3914	7	2021
<input type="checkbox"/> Stochastic aspects of proportional vitalities model M Shrahili, AA Al-Babtain, M Kayid, Z Kaabi Mathematics 8 (10), 1823	2	2020
<input type="checkbox"/> Box-Cox gamma-G family of distributions: Theory and applications AA Al-Babtain, I Elbatal, C Chesneau, F Jamal Mathematics 8 (10), 1801	8	2020
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Entropy 22 (8), 843		
<input type="checkbox"/> A new extended Rayleigh distribution	15	2020
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<input type="checkbox"/> A new three parameter Fréchet model with mathematical properties and applications	28	2020
AA Al-Babtain, I Elbatal, HM Yousof Journal of Taibah University for Science 14 (1), 265-278		
<input type="checkbox"/> Transmuted exponential Pareto distribution with applications	1	2017
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<input type="checkbox"/> The Kumaraswamy-transmuted exponentiated modified Weibull distribution	34	2017
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<input type="checkbox"/> The McDonald exponentiated gamma distribution and its statistical properties	9	2015
AA Al-Babtain, F Merovci, I Elbatal		

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<input type="checkbox"/> On Studying Partially Accelerated Life Tests Under Progressive Stress	1	2015
A Al-Babtain, A Ismail Journal of Testing and Evaluation 43 (4), 897-905		
<input type="checkbox"/> The five parameter Lindley distribution	19	2015
A Al-Babtain, AM Eid, AHN Ahmed, F Merovci Pakistan Journal of Statistics 31 (4)		
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AA Ismail, AA Al-Babtain Journal of Systems Engineering and Electronics 26 (3), 644-650		
<input type="checkbox"/> Preservation properties for the discrete mean residual life ordering		2015
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<input type="checkbox"/> STRATEGIC PRIORITIES AND PERFORMANCE MEASURES IN KING SAUD UNIVERSITY, SAUDI ARABIA		2015
AH Al-Dakhil, AA Al-babtain IJMMR, 330		
<input type="checkbox"/> Necessary Condition for the Optimality on Multi-Item Inventory Model1	1	2010
AA Al-babtain International Mathematical Forum 5 (2), 89-98		
<input type="checkbox"/> Optimal control of reverse logistics model with logistic demand and return rates	8	2010
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Applied Mathematical Sciences 4 (52), 2561-2568		
<input type="checkbox"/> Bayesian model determination for categorical data survey		2001
AA Al-Babtain University of Southampton		
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MS GIBREEL, ALII ELAMIN, AA AL-BABTAIN, AM DAOUD		
<input type="checkbox"/> Stochastic Orders of Past Lives based on Moment Generating Function Order		
