



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_38975
Title of the Manuscript:	A New Generalization of Weibull Distribution
Type of the Article	Original research paper

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	1) This manuscript provides a new generalization for Weibull distribution, but it doesn't provide enough information and results that make the reader see the whole image about the new distribution. 1) Investigate more mathematical and statistical properties for the distribution provided in this manuscript, including for example: Some special cases (if any exist), entropies, shapes, limiting behaviour, skewness and kurtosis, etc. 2) Provide applications from real data sets to illustrate the application for this distribution and apply the estimation method suggested in this article to show the purpose for this generalization for Weibull distribution and compare it with some existing distributions (better be other generalizations of Weibull distribution) to present the superiority for the distribution provided comparing with other distributions.	
Minor REVISION comments		
Optional/General comments	Since this manuscript provides a generalization of Weibull Distribution, it would be better to include-might be added in the introduction section- many distributions from the literature that are also generalizations for Weibull distribution.	

Reviewer Details:

Name:	Maalee Almheidat
Department, University & Country	Department of Mathematics, University of Petra, Jordan