



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>)



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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	The author(s) should also capture in their conclusion that; MLE and the Bayesian estimates of the Lomax-W distribution parameters were different but those of the estimates of the Bayesian have lower standard errors. The manuscript should at least contain one recommendation. The references section should be revised to conform with the journal's referencing style. Author(s) should note that in their current reference list, some references do not have dates and are not properly cited. Plagiarism Issue: It appears to me that most of the content of this manuscript was taken from R. M. Mandouh Logistic-modified Weibull distribution and parameter estimation International Journal of Contemporary Mathematical Sciences, Vol. 13, 2018, no. 1, 11-23 https://doi.org/10.12988/ijcms.2018.71135 Authors should check and cite the above listed author.	
Minor REVISION comments	Page1, Paragraph 1, line 10. Replace "he" with "the". Author(s) should rephrase the sentence in paragraph 1 of page 1. to; " In the following section we will be concerned with..." Page 2 paragraph 1. Change to "where $F(X)$ and $f(x)$ are". Page 2 paragraph 1, line 2. Change to "where $G(X)$ and $g(x)$ are". Page 3. In the first sentence under Maximum Likelihood estimation (MLE), the "follows" should be change to "following....". Bold emphasis should be placed on vectors in all mathematical expressions and equations. I refer authors to the Bayesian estimation section. Insert normal between "equate" and "equation" the sentence after equation (3.3). Change equation (10) to (3.3). Page 5. Author(s) should check the matrix entries (2,4) in equation (3.4) for correction. It should be	



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	$I_{\lambda, \gamma}$ Also, they should check the significance level for the third confidence interval. It is not $\frac{B}{2}$ Mles should be in full as “Maximum Likelihood Estimates for the first time. Check the Numerical example section for correction of the subscript of alpha. There are some typographical errors, grammatical errors and sentence wording problems. Author(s) should address these concerns.	
<u>Optional/General</u> comments		

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:
<http://sciencedomain.org/archives/20>

Reviewer Details:

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