



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_54859
Title of the Manuscript:	Cubic Transmuted Gompertz distribution: As a life time distribution
Type of the Article	Original Research Article

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	<p>In this article, author(s) present some statistical properties of a newly proposed Cubic Transmuted Gompertz (CTG) distribution using Cubic Transmuted family of distributions introduced by Rahman et.al (2018). It is concluded from a real data application that CTG performs best among other existing distributions of the same family.</p> <p>In my opinion, the study is well designed and successfully presented. It is also obvious that author(s) contributes to the field and they prove this contribution by means of a real data application. I think the proposed distribution could be useful for researchers working many different areas.</p> <p>I am favour of the publication of this work in the journal.</p>	
Minor REVISION comments	<ol style="list-style-type: none"> 1. There are some grammatical mistakes in the article. Authors should carefully control the article grammatically. 2. References [13], [23] and [24] are not cited in the main text. 3. The reference number of the last reference must be corrected to [25]. 4. In the application part, the effectiveness of the distribution proposed in the application part should be investigated over several different data sets. 5. In page 10, Subsection 3.4, more information about Renyl entropy should be given. 	
Optional/General comments		



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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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