



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_52554
Title of the Manuscript:	A Weibull-Gompertz Makeham Distribution with Properties and Application to Cancer Data
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	<ol style="list-style-type: none"> 1. The Hazard function and pdf plots should be properly plotted and discussed. The Hazard rate curve shape should be discussed. 2. What are the standard errors of the estimates. they are not displayed 	
Minor REVISION comments	<ol style="list-style-type: none"> 1. Run a simulation to get estimates of mean and variance 2. Plot a histogram of the data. 3. Fit the distribution on the histogram 4. What is the meaning of the acronyms :WGMD,KGMD,GMD,and GD 5. In the conclusion the line...the distribution WGMD has the best fit when compared to other four models considered in this study when applied to real life time data 	
Optional/General comments	<ol style="list-style-type: none"> 1. Run a simulation study on this new distribution to assess the performance of the model parameters 	

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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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