



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_9193
Title of the Manuscript:	Statistical Inference for Kumaraswamy Distribution Based on Generalized Order Statistics with Applications
Type of the Article	Original Research Article

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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.

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PART 1: Review Comments

	Reviewer's comment	Author's comments (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)
<u>Compulsory</u> REVISION comments	In equation (12) , on page 4, the part $\frac{x_r^\alpha \ln(x_r)}{1 - x_r^\alpha}$ should be corrected as $\frac{-1}{x_r^\alpha (1 - x_r^\alpha) \ln(x_r)}$ otherwise it is wrong.	We reviewed it again very well and we find it correct.
<u>Minor</u> REVISION comments	1- It is better, keywords will be as <i>Kumaraswamy distribution; Generalized order statistics; Loss function; Type-II censored data; Upper records; Maximum likelihood prediction; Bayesian prediction.</i> 2- On section 2, Maximum likelihood estimators of R(x) and h(X) based on Gos	- It is done. - It is done.



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	Model are derived. The point Bayesian estimation and credible interval of $R(X)$ and $h(x)$ based on GOS model are given in section 3. 3- In equations (11), (12), and (13), the $\hat{\alpha}$ and $\hat{\beta}$ should be α and β. On page 6 line 16, θ^* should be describe.	• It is done.
<u>Optional/General</u> comments	In tables 3 and 6, the results should be considered again for correction results.	• It is reviewed and done.

Acknowledgement

The authors would like to thank you for your constructive helpful comments and corrections which led to improvements of this article.