



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2013_BJMCS_7560
Title of the Manuscript:	Statistical Inference for a Simple Step Stress Model Based on Censored Data from The Kumaraswamy Weibull Distribution
Type of the Article	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.

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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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	In this work, the author(s) developed the statistical inferential methods for a simple step-stress life test under Kumaraswamy Weibull distribution with Type-I and Type-II censorings. Under the log-linear acceleration Model assumption, they obtained the maximum likelihood estimators of the unknown parameters as well as the reliability and hazard functions at normal operating conditions. They then constructed the confidence intervals for the unknown parameters and also the optimum test plans that minimize the generalized asymptotic variance of the maximum likelihood estimators. Monte Carlo simulation was then carried out to investigate the performance of the proposed methodology.	

Note: Anonymous Reviewer