



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_43344
Title of the Manuscript:	AIC versus likelihood cross-validation
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		
Minor REVISION comments	The paper is of interest and can be published after some modifications. 1. The title is too broad for the contents of the paper. Since the paper gives a special case of model selection, a suggested title may be "A simulation study for the AIC and likelihood cross-validation: The case of exponential versus Weibull distributions". 2. Ogasawara (2018) is a recent study for information and cross validation indexes with many examples based on asymptotic and exact results, which should be refereed to. Ogasawara, H. (2018). Asymptotic biases of information and cross-validation criteria under canonical parametrization. <i>Communications in Statistics – Theory and Methods</i> (on-line published). DOI: 10.1080/03610926.2017.1422759. Page 2 and elsewhere: The expression "n data" is odd, and should be "n observations" Page 2, after (2.1): The expression "one datum" should be "an independent copy of X_1." Equation (2.1): The term $b(G)$ should be explained soon after (2.1).	The title was changed to "A simulation study for the AIC and likelihood cross-validation: The case of exponential versus Weibull distributions". Citation of Ogasawara (2018) was added. All of "n data" were changed to "n observations". The expression of "one datum" was changed to "an independent copy of X_1." "$b(G)$" is called "the bias of log-likelihood as an estimator of the expected log-likelihood in (page 55 in \cite{Konishi2008})". is added.
Optional/General comments		