



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	Very good paper but only considers continuous type distributions. What happens with discrete distributions where the AIC are most often used. I would like to see a real life example data where the proposed Likelihood cross-validation Methods performs better than the AIC. As it is the comparisons are all based on simulations. The author himself acknowledges on page 9, lines 3-10 of this uncertainty in the absence of real data. The paper is well written and would expect application to a real life data. I am recommending for publication.	"Use of real life data example may enhance the persuasiveness of comparison of statistics such as AIC and cross-validation. However, if we use real data without knowing the values of parameters, it is not easy to enable fair and square comparison of statistics." is added to "Introduction". The description of page 9, lines 3-10 does not mean importance of real data. It explains the mathematical characteristics of AIC. To clarify my intention, " This theoretical consideration implies that this phenomenon may often occur in our real data analysis without knowing that it is the case. " was added. Thank you very much.
Optional/General comments		