

Review Form 1.7

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Original Manuscript_AJPAS_117707
Title of the Manuscript:	A REVIEW OF SOME GOODNESS-OF-FIT TEST FOR LOGISTIC REGRESSION MODEL
Type of the 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:

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>A REVIEW OF SOME GOODNESS-OF-FIT TEST FOR LOGISTIC REGRESSION MODEL</p> <p>Reviewer comment :(accept paper with following revision)</p> <ol style="list-style-type: none"> 1. Include specific details about the dataset(s) used in the analysis to provide context for the findings. 2. Provide a brief statement on the implications of the study's findings for researchers and practitioners in the field of logistic regression modeling. 3. Incorporate examples or case studies to illustrate the application of AIC and Deviance in model selection and evaluation. 4. Clarify the process of model validation and highlight any best practices or considerations for ensuring the reliability of model results. 5. Specify the sources of data used for model fitting and validation to enhance transparency and reproducibility. 6. Discuss potential limitations or assumptions associated with Deviance-based model evaluation, such as the sensitivity to outliers or the adequacy of model assumptions. 7. Offer practical recommendations for implementing Pearson's Chi-Squared and Hosmer-Lemeshow tests, including considerations for sample size and data distribution. 8. Discuss any challenges or limitations associated with the use of these tests in logistic regression modeling, such as assumptions about data independence or group homogeneity. 9. Offer suggestions for future research directions or areas for further investigation, such as exploring alternative goodness-of-fit tests or evaluating the robustness of existing methods in different modeling contexts. <p>By incorporating these suggestions, the manuscript can provide readers with a more comprehensive understanding of goodness-of-fit tests for logistic regression models and their practical implications in research and practice.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 		
<p>Optional/General comments</p>		

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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