

Review Form 3

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_124816
Title of the Manuscript:	Enhancing Model Monitoring and Quality Control: The Integration of Control Chart for Binomial Regression under the Principal Component Framework
Type of the Article	

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This study brings to light the effect of multicollinearity and how it can be addressed using a reduction (PCA) technique. Also, it explores the use of binomial regression and the Schwart Control Chart to facilitate decision making especially in production companies. SEE ATTACHMENT	
Is the title of the article suitable? (If not please suggest an alternative title)	APPLICATION OF THE ENHANCED MODEL FOR MONITORING AND QUALITY CONTROL USING THE CONTROL CHART FOR BINOMIAL REGRESSION.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Key words were omitted. It should be included. Abstract lack the summary of the entire study. Results from the analysis should be displayed in the abstract to give a brief summary of the entire study.	
Are subsections and structure of the manuscript appropriate?	I will suggest this manuscript is restructured. Title – Abstract- Introduction – Materials and Methods – Results and Discussion – Conclusion – References.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This manuscript demonstrates scientific robustness through its methodology and analysis done, which are clearly outlined. Although, the literature review is weak and should be reviewed and boosted. The authors have employed established experimental techniques and statistical tools, ensuring the reliability of their findings. In overall, the manuscript's adherence to scientific standards and its critical engagement with existing research confirm its technical soundness.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	The strength of the literature is weak. Possibly review more study in this area of study to add. This will build the presented model and make the proposed enhanced model visible. So far, the reference is weak. More recent literatures should be reviewed.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The manuscript has grammatical error that should be subjected to thorough proofreading for tenses corrections.	
Optional/General comments	If all correction are done, I believe the manuscript will be rich enough for publication.	

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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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