

**Review Form 3**

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_121639
Title of the Manuscript:	Motor Insurance Claim Frequency Prediction Using XGBoost
Type of the Article	Original Research Article

**PART 1: Review Comments**

<b>Compulsory</b> 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.	As the big data for insurance companies involves huge volumes of data of different verities. So the author uses XGBoost Algorithm to solve the problem. Author represent that the XGBoost model was the optimal model with practical approach. The manuscript is good informative and explainable with proper approach. It is useful for scientific community.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes it is suitable	
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.	It is suitable for scholarly communication	
Are subsections and structure of the manuscript appropriate?	It is ok, it is written properly	
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.	The manuscript is scientifically robust and technically sound because the author uses the practical approach with the XGBoost Algorithm. The result showed that XGBoost Models for the claim frequency had a RMSE estimated. The methods of frequency modelling uses both the traditional and the machine learning methods. The XGBoost model used for the prediction of the frequencies and evaluated using a confusion matrix.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Some recent reference are needed	
Minor REVISION comments	Yes, it is suitable for scholarly communication	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	Over all manuscript is scientifically written.	

**Review Form 3**

**PART 2:**

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

**Reviewer Details:**

Name:	<b>Mohiuddin Noorulhaq Quadri</b>
Department, University & Country	<b>Nilkanthrao Shinde Science and Arts College, India</b>