SDI Review Form 1.6

Journal Name:	**Asian Journal of Probability and Statistics**
Manuscript Number:	**Ms_AJPAS_48451**
Title of the Manuscript:	**Comparison of Models used to Predict Flight Delays at Jomo Kenyatta International Airport**
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:
(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	Title- **Predict** appeared two times consider revising the title, using suitable word for one predict Abstract- what is JKIA – it is written clearly in page 2 line 15 from bottom, but clarity need to be given when it appears first. Methodology-- The data was for the year 2017/2018…………... Reparation from abstract. As abstract is large with 299 words author can think of deleting this information from abstract and keep in this section if possible. Page.4- Fig.2 showed convergence after 2500 observations- check as per the Fig.2 is it correct? Page.4— provide reference for " e1071 package implemented in R software" Figure numbers 2, 3 & 4 – do not put them in brackets, use them in the text of the paper. **Test and Train Data** Fig.2 Y axis error is between 0.30 and 0.35 Fig.3 Y axis error is between 0.2950 and 0.315 Fig.4 Y axis error is between 0.32 and 0.36 Is error values are absolute or percentage? Accuracy values are given in % (ex: 66.28%) in the paper text, and they are fractions (ex: 0.6618) etc. in Table.1. It gives confusion to reader, use either % or otherwise to maintain similarity in the paper.	Title changed JKIA explained in abstract Year 2017/2018 deleted from abstract The 2500 observations was just a value from a study by Arjun *et al.* (2013). I was comparing my results with what those other scientist obtained. Reference for e1071 provided I did not understand what this meant; "Figure numbers 2, 3 & 4 – do not put them in brackets, use them in the text of the paper". What I had done is just showing that the statement written is supported by the figure cited. Is error values are absolute or percentage? The error values in a given model are given by (1- accuracy) of the model. Different models will have different accuracies based on the collected data Percentages have been removed and probability values used for consistency
Minor REVISION comments	Give some brief about the software (R-soft) used in work. Language mistakes can be corrected.	The brief information about the R software is shown in the paper. In short this is just the R-gui statistical software where you program and use your data to generate statistical results.
Optional/General comments	Good work Paper is very small, authors could have analysed the results obtained instead of just showing the results in the form of graphs.	Probably its because in statistics, values and figures speak more. Moreover, I have also tried to interpret each value and figure obtained.

PART 2:

	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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	No ethical issues