

Review Form 1.6

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_79418
Title of the Manuscript:	Attributable Fraction and Forecasting for Covid-19 Confirmed Cases in Nigeria Using Facebook- Prophet Machine Learning Model
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:

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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)
Compulsory REVISION comments	L-BFGS is used instead of BFGS for very large problems (when n is very large), but it may not perform as well as BFGS. Please explain?	The advantage of L-BFGS is that it requires only retaining the most recent m gradients, where m is usually around 5 to 20. L-BFGS is used instead of BFGS for very large problems (when n is very large), but might not perform as well as BFGS. Therefore, BFGS is preferred over L-BFGS when the memory requirements of BFGS can be met.
Minor REVISION comments	L-BFGS only uses a few vectors that represent implicit approximations. What about the validity of the data developed to test the data.	The data is valid because of the performance of the model.
Optional/General comments	How about MBFGS model, is L-BFGS the same as MBFGS	L-BFGS and MBFGS are not the same.

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