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Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_49517
Title of the Manuscript:	ESTIMATION OF TRANSITION PROBABILITY MATRIX AND OBSERVATION PROBABILITY DISTRIBUTION MATRIX OF MALARIA SYMPTOM DATA SET USING HIDDEN MARKOV MODEL
Type of the Article	Original Research Article

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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>)



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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	<p>"To develop a Bayesian Hidden Markov Model of Malaria symptoms in Masinde Muliro University of Science and Technology student population" from this statement, the author should clarify if the model is only applicable to Masinde Muliro University of Science and Technology?</p> <p>-Some in-text citation reads [66], [79], [80], but mention but a few, but references stopped at [24].</p> <p>Parts of the paper appear to have different theme font though same theme font of "Time New Roman" 12 font size, this usually occur in the case of copy and paste. Example of such is stated below amongst others:</p> <p>"malaria (suspected malaria) and symptoms for complicated malaria (severe malaria)."</p> <p>The equations are faint, the author(s) may retype the equations using equation editor to make them legible. The numbering of equations appears to be thesis like (3.1), (3.2)..... Author(s) should check journal format of numbering equations.</p> <p>- Mathematical equations/ symbols such as this $Z = \{Z_1, Z_2, \dots, Z_n\}$ should be typed with equation editor.</p>	
Minor REVISION comments		
Optional/General comments	<p>There is novelty in this study, and the effort of the author(s) is quite commendable. However, some shortcoming such as copy and paste of statements and equations observed needs to be checked, and put right so that the beauty of the work would be seen to readers. It was a good job altogether.</p>	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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