



J. K. Press

Journal Name:	Asian Journal of Mathematics and Computer Research
Manuscript Number:	Ms_AJOMCOR_11794
Title of the Manuscript:	Mathematical Modelling of Malaria Transmission Dynamics with Optimal Control Strategies in Kebri Dehar District, Somali Regional State, Ethiopia
Type of the Article	Original Research Article



1: Review Comments

	Reviewer's comment	Author's feedback
<p><u>Compulsory</u> REVISION comments</p> <ol style="list-style-type: none">1. Is the manuscript important for the scientific community? (Please write a few sentences on this manuscript)2. Is the title of the article suitable? (If not please suggest an alternative title)3. Is the abstract of the article comprehensive?4. Are subsections and structure of the manuscript appropriate?5. Do you think the manuscript is scientifically correct?6. Are the references sufficient and recent? If you have suggestions for additional references, please mention them in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none">1- Yes, I think this manuscript is important to the public health field. It tries to generate and evaluate a mathematical model about malaria transmission.2- Yes, the title looks suitable.3- Yes, the abstract is comprehensive.4- No, I think the manuscript isn't structured properly. Authors are advised to structure the paper as: introduction, methodology, results, discussion and finally conclusion.5- Yes, I think this study is scientifically correct.6- Yes, I believe that the used references are sufficient but not all of them are recent.7- In the keywords, authors are advised to change malaria model into malaria transmission model.8- In the introduction, authors are advised to mention few sentences regarding malaria available drugs and the possibility of drug resistance. Also, they are encouraged to discuss the impact of the recently introduced vaccines on malaria transmission.9- Authors are advised to mention what each abbreviation stands for.10- In page 17, I think equation 5.3 should be changed into equation 4.3.	
<p><u>Minor</u> REVISION comments</p> <ol style="list-style-type: none">1. Is the language/English quality of the article suitable for scholarly communications?	<p>Writing quality is good but some mistakes in grammar and punctuation should be corrected.</p>	



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Optional comments		
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2: Ethical issues

Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in detail)</i> No
Are there competing interest issues in this manuscript?	No competing interest issues are detected.

Reviewer Details:

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