

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_121077
Title of the Manuscript:	Mathematical Modelling of African Animal Trypanosomiasis Incorporating Spraying of Vector Population and Treating the Host Population
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	This is a scientific manuscript. The authors model the transmission dynamics of trypanosomiasis in the cattle population, taking into account the vector agent and treatment in cattle to eradicate the disease. This is very much in line with WHO activities aimed at significantly reducing the spread of the disease. The introduction of treatment is important.	
Is the title of the article suitable? (If not please suggest an alternative title)	I suggest another title: Mathematical modelling of animal trypanosomiasis Incorporation of vector population spraying and host population treatment.	
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.	The summary of the article is sufficient	
Are subsections and structure of the manuscript appropriate?	Are the subsections and structure of the manuscript appropriate.	
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.	This manuscript deals with the dynamics of trypanosomiasis disease in the cattle population. I think that this manuscript is scientifically and technically important. Because it takes into account some of the steps involved in epidemiological modelling. But I suggest to the authors to incorporate the GAS of EE. add simulations on the GAS of DFE and EE.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Nothing to report here. Of course, there are other references to add.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	It would be better to check the quality of the English	
Optional/General comments		

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>	

Reviewer Details:

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