



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_41850
Title of the Manuscript:	mathematical modeling of tb - hiv coinfection, case study of tigania west sub county, Kenya.
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:

(<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	1- Page 8, Equation 9: $R_0 = \max(R_{oH}; R_{oT})!!!$ 2- There are no information which permit to conclude that $R_{oH} > 1$ and $R_{oT} > 1$; but you can see that because of positivity of parameters we have $R_{oH} > 0$ and $R_{oT} > 0$!	
Minor REVISION comments	1- In the abstract, it is $R_0 < 1$ in the place of $R_0 < 0$! 2- Key words: local and global stability of equilibrium point 3-Page 8: fix the references Castillo-Chavez and Song before Theorem 2! 4-Page 12: In the first matrix of equation (29), it is $-g_2$ or $-g-2$? 5- In Theorem 4: Please write the best expression of bifurcation parameters a and b as in the theorem of Castillo-Chavez and Song	
Optional/General comments	For the readers convenience, you can you explain why you are use the mass action law in place of the standard incidence law?	

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