

## Review Form 1.6

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_87740
Title of the Manuscript:	Effects of Social Media in Controlling Tungiasis: Mathematical 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:

(<https://www.journalarjom.com/index.php/ARJOM/editorial-policy> )

### 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)
<b>Compulsory</b> REVISION comments	<p>In this manuscript, the authors formulate and study a deterministic model incorporating social media to control tungiasis disease. They prove the positivity and boundedness of state variables. They also compute the equilibrium points and study their stability. They perform numerical simulations to validate their theoretical results. Although the manuscript is well written and the results seem correct, the authors must take into account the following suggestions before the acceptance of the manuscript for publication.</p> <p>1-Introduction section is poor in references concerning Mathematical modeling of infectious diseases. I suggest that the following references will be added in the introduction section: <a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=SOalgr0AAA AJ&amp;sortby=pubdate&amp;citation_for_view=SOalgr0AAAAJ:MXK_kJrxJIC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=SOalgr0AAA AJ&amp;sortby=pubdate&amp;citation_for_view=SOalgr0AAAAJ:MXK_kJrxJIC</a> <a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=SOalgr0AAA AJ&amp;sortby=pubdate&amp;citation_for_view=SOalgr0AAAAJ:4TOpqqG69KYC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=SOalgr0AAA AJ&amp;sortby=pubdate&amp;citation_for_view=SOalgr0AAAAJ:4TOpqqG69KYC</a></p> <p>2- In Table 1 of Section: Numerical simulation, there is some mistake: Please correct the value of parameter <math>0 \leq \pi \leq 1</math> and perform again the simulations.</p>	Modified as suggestion
<b>Minor</b> REVISION comments	Correct some errors or typos	Corrected
<b>Optional/General</b> comments	The above points must be taken into account before the acceptance of the manuscript	Ok

### 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)	