

## Review Form 1.7

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_116837
Title of the Manuscript:	MODELLING THE TIME-VARYING TRANSMISSION OF WILD POLIOVIRUS IN PAKISTAN
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.journalajob.com/index.php/AJOB/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  1. Is the manuscript important for scientific community? (Please write 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 suggestion of additional references, please mention in the review form.  (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	 1. Author/s come with very interesting research areas and very crucial for scientific communities which is one component of the 2030 Immunization agendas' (IA 2030) Here my comments and questions for the Author/s.  2. Suitable  3. Not comprehensive  4. It needs modification and clearly state it. Example what is the limitation of the this article from the author/s view/perspective? Abbreviations....  5. Partially, but how are confident about the result? Since CI was not reported/calculated..., the discussion part was not discussed well, 6. References was not sufficient especially most the Discussion part were not cited, add more citation on the discussion part.	   I have revised it  Tried to mention it in the discussion and please look up the research article whose model was followed in our study. I have provided the 95% CI for estimated parameters. Added more references.
<b>Minor</b> REVISION comments  1. Is language/English quality of the article suitable for scholarly communications?	Yes	
<b>Optional/General</b> comments	 1. Rewrite the Abstract part, Quantify your result clearly and in concisely 2. How vaccination uptake is increased during COVID-19 era? You should have to show the reason clearly. 3. What is a key word for you 4. Discuss the polio vaccination status and approach/strategy in Pakistan 5. Is Pakistan currently implementing Polio eradication or elimination specifically?	

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PART 2:

	Reviewer’s comment	Author’s comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	