

### Review Form 1.7

Journal Name:	<b>Asian Journal of Biology</b>
Manuscript Number:	<b>Ms_AJOB_116837</b>
Title of the Manuscript:	<b>MODELLING THE TIME-VARYING TRANSMISSION OF WILD POLIOVIRUS IN PAKISTAN</b>
Type of the Article	<b>Article</b>

#### **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> )

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### 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. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)  2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)  3. <b>Is the abstract of the article comprehensive?</b>  4. <b>Are subsections and structure of the manuscript appropriate?</b>  5. <b>Do you think the manuscript is scientifically correct?</b>  6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b>  <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	<b>Yes it is scientific but needs some correction to be attractive and sound for example in title part, Abstract writing and methodology part, lack objectives of the study.</b>  <b>Spatio-temporal distribution of polio virus Distribution in Pakistan from 2017 to 2022</b>  The abstract part should be sound, Specific, smart and attractive to readers .it must included all findings numerically with analysis significance. Must be divided in accordance to findings and better to include the study population, Demographic area, educational status, Map of study area using Gis software, also methodology part needs detail explanation concerning study period, Data sources, study area specific, data collection method, dependent and independent variables study concerning, Consent for data sources. Better to add recent if possible.  It should be better to add spatial data and also the temporal data monthly specific and with place	I tried to address the relevant comments in the revised version but I cannot opt for spatial data as it was not the objective of the study and I don't have access to that data and specific area demographics of Pakistan.  The polio cases are reported annually therefore cannot identify the month specific reports.
<b>Minor</b> REVISION comments  1. <b>Is language/English quality of the article suitable for scholarly communications?</b>	better to check garmmer	Checked
<b>Optional/General</b> comments Beattock correct the title part and abstract parts need review as I mentioned and methodology part.		

### 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)
<b>Are there ethical issues in this manuscript?</b>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	