

**Review Form 3**

Journal Name:	<b>Asian Journal of Biology</b>
Manuscript Number:	<b>Ms_AJOB_123181</b>
Title of the Manuscript:	<b>Bridging Prenatal Diagnostics and AI: A Systematic Review and Meta-Analysis of the Efficacy of Advanced Algorithms in Identifying Congenital Fetal Abnormalities</b>
Type of the Article	<b>Meta- analysis</b>

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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 manuscript is highly significant for the scientific community as it provides a comprehensive meta-analysis of AI algorithms in the detection of fetal brain and heart abnormalities, a critical area of prenatal diagnostics.. The findings offer valuable insights into the practical applications and benefits of AI in clinical settings, which can drive future research and development in this field. I find this manuscript particularly compelling because it not only highlights the advancements in AI technologies but also addresses their real-world implications, paving the way for improved patient outcomes and more effective prenatal care.	
Is the title of the article suitable? (If not please suggest an alternative title)	I think the title is suitable	
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.	Abstract is comprehensive	
Are subsections and structure of the manuscript appropriate?	subsections and structure of the manuscript are 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 demonstrates scientific robustness and technical soundness through its comprehensive meta-analysis of AI algorithms for detecting fetal brain and heart abnormalities. The inclusion of a large dataset, comprising 243,456 screened fetuses or pregnant women across 10 studies, ensures a broad and representative evaluation of various AI models.. Additionally, the manuscript critically addresses limitations and suggests future research directions, reflecting a thorough and balanced approach to the subject matter..	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and recent	
<u>Minor</u> REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	yes	
<u>Optional/General</u> comments		

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**PART 2:**

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

**Reviewer Details:**

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