

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_121232
Title of the Manuscript:	Machine learning-based prediction of cattle body weight using muzzle morphometrics
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <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.	The manuscript, presents a novel approach to predicting cattle body weight using muzzle morphometrics and machine learning techniques, specifically artificial neural networks (ANNs). This method has significant implications for animal science, particularly in improving the accuracy of livestock weight estimation, which is crucial for effective farm management and livestock production.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title is suitable as it indicates the main focus of the research. However, a slight modification could be: "Predicting Cattle Body Weight Using Muzzle Morphometrics and Machine Learning."	
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.	The abstract is comprehensive but can be improved by providing a clearer and more definitive statement of the findings. The current phrasing is tentative and should emphasize the study's practical implications more strongly.	
Are subsections and structure of the manuscript appropriate?	The subsections and structure of the manuscript are appropriate. However, some sections, such as the Introduction and Results, could benefit from minor reorganization to enhance clarity and flow.	
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.	Yes, the manuscript is scientifically correct. However, some parts require additional clarification and correction of minor errors to ensure the accuracy of the presented data.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient but could be updated to include more recent studies from 2022 to 2024 to reflect the latest advancements in the field.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language and English quality are generally suitable but could be improved with minor grammatical and typographical corrections.	
Optional/General comments		

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>	

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