

Name:	UTTAR PRADESH JOURNAL OF ZOOLOGY
Manuscript Number:	Ms_UPJOZ_4610
Title of the Manuscript:	“Genetic and Environmental Factors Influencing Lactation Traits in Jersey x Sahiwal Crossbred Cattle: Variance Component Estimation”
Type of the Article	

PART 1: Comments

	Reviewer's comment Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.	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. A minimum of 3-4 sentences may be required for this part.	Selection of the best-fitted model for each trait was based on AIC, BIC and log-likelihood values. Direct heritability estimates were moderate to high but which one is the best.	Thank you for your valuable feedback. We have clarified the model selection process by providing a detailed explanation of how we determined the best model for each trait based on AIC, BIC and log-likelihood values. We have included this clarification in the statistical analysis under the MATERIALS AND METHODS section of the manuscript.
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	Thank you for confirming that the title of the article 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.	No	Thank you for your constructive feedback. We have revised the abstract to ensure it comprehensively presents the study's objectives, methodology, key findings on mean performances, direct heritabilities and environmental influences, ensuring a clearer overview of the study.
Is the manuscript scientifically, correct? Please write here.	Yes	Thank you for confirming that the manuscript is scientifically correct. We are pleased that the scientific accuracy of our work meets your expectations.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	Thank you for confirming that the references are sufficient and recent. We are glad for your thoughtful evaluation of the references cited in the manuscript.

Is the language/English quality of the article suitable for scholarly communications?		
<u>Optional/General</u> 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>	