

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Research in Animal and Veterinary Sciences</b>
Manuscript Number:	<b>Ms_AJRAVS_112534</b>
Title of the Manuscript:	<b>Effect of genetic and non-genetic factors on productive and reproductive performances of dairy cattle at TALIRI-Tanga</b>
Type of the Article	<b>Original Research Article</b>

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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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>The manuscript seems to be important for the scientific community and field purpose as well as it analyses the performance of cross bred compared to pure bred available in the area</p> <p>Yes</p> <p>Yes</p> <p>Yes, the structure and subsections are appropriate but there are some major differences in the text and related tables drawn</p> <p>In Result section</p> <p>a) In text the parity is described as significantly affecting CI but in table superscripts are same</p> <p>b) In text interaction of season of calving and genotype has non significant effect on MY and LL but in table they are given different superscripts showing significant effect</p> <p>c) Similar discrepancy is found in text and table of interaction effect of genotype and parity on LL and CI</p> <p>d) Heritability of CI mentioned in text and table is different.</p> <p>In Discussion section</p> <p>a) CI related portion needs to be revised, conflict in result and discussion</p> <p>b) More clarification is needed in the discussion part of Interaction effect of CI and genotype on purebred cattle</p> <p>The corrections need to be done before publication</p> <p>Addition of few recent related publications i.e. 2022, 2023 is recommended. The format of references mentioned is not uniform.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Minor grammatical and spelling mistakes are there which needs to be corrected.</p>	
<p><b>Optional/General</b> comments</p>	<p><b>Genotypic correlation among the different traits may be added in the manuscript</b></p> <p>Needs revision as discrepancies are there between the text and tables drawn. Some revisions in Discussion part as well The references are not in same format.</p>	

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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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