



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Experimental Agriculture International</a>
Manuscript Number:	Ms_JEAI_50920
Title of the Manuscript:	Assessment of Genetic Variability and Character Association of Myanmar Local Rice (Oryza sativa L.) Germplasm
Type of the Article	Original Research Article

**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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	<p><b>ABSTRACT</b></p> <p>The abstract lacks a brief specification of methodology, where specifying genetic variables evaluated.</p> <p>Specify the statistical analysis applied to the variables.</p> <p>To publicize the outstanding results in terms of numbers on: plant height (cm), effective tillers hill<sup>-1</sup> (no.), panicle/straw weight ratio, panicle length (cm), filled grain percent, spikelet panicle<sup>-1</sup> (no.), 1000 grain weight (g), harvest index, yield plant<sup>-1</sup>.</p> <p><b>MATERIAL AND METHODS</b></p> <p>The methodology lacks information on the weather (precipitation, temperature) and on the physicochemical characteristics of soil.</p> <p>Specify the geographical coordinates of the location where it was just planting rice, mentioning the altitude of the study site.</p> <p><b>RESULT AND DISCUSSION</b></p> <p>Lines 68-68: Change “<b>3.1 Analysis of Variance (ANOVA) for agronomic traits of 42 Myanmar local rice genotypes</b>” to “3.1 Evaluation of agronomic traits of 42 Myanmar local rice genotypes”</p> <p>Line 70: mention the value of the probability when mentioning the words “highly significant differences”.</p> <p>The results on the determination of agronomic traits of 42 Local Myanmar rice genotypes were not compared and discussed with the similar findings by other authors.</p> <p>The results on the coefficient of Variation (CV) of agronomic traits were not interpreted in the text.</p>	<p>A sentence about statistical software which I performed in this study to get the result of collected all data was added in the abstract part.</p> <p>Geographical conditions of the location of the study, temperature, rainfall and soil were mentioned as addition.</p> <p>I edited as your comment.</p> <p>I put P value in Line 70.</p> <p>Similar finding of this study also was included. However, for CV, interpretation was already mentioned as PCV and GCV broadly.</p>
<b>Minor</b> REVISION comments	<p><b>INTRODUCTION</b></p> <p>Provide information on production and yield of rice and its economic importance.</p> <p>Change the following lines:</p> <p>Line 81: “Genetic parameters of 42 genotypes” to “Genetic variables of 42 genotypes”...</p> <p>Line 95: “the result occurred by (21), (22), (23, 24)” to “the result occurred by Devi et al., [21]; Prajapati et al., [22]; Sandhya et al., [23] and Onyia et al., [24].”</p> <p>Lines 101-115: The following results on:</p> <p>High broad sense heritability, the values of heritability, the genetic advance (spikelet panicle<sup>-1</sup>), were not discussed with the similar findings of other authors.</p> <p>Line 132: “These results collaborate with the finding of (25) who” to “These results collaborate with the finding of Ogunbayo et al. [25] who”</p> <p>Line 167: “Similar finding was reported by (41)” to “Similar finding was reported by Panwar and Ali [41]”...</p>	<p>I edited and polished my writing according to all the comments as possible as I can. I hope these all would be fine. I agree all of your comments making powerful this article.</p>



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	<b>REFERENCES</b> Provide the references according to editorial standards set by taking into account the following: <ul style="list-style-type: none"> <li>• Place the word "and" between the names when it comes to two authors.</li> <li>• Place the word "and" before the penultimate names when it comes to three or more authors.</li> <li>• Not to mention the words "et al.," In the references. For example the reference "Ogunbayo S, Eye D, Sanni K, M Akinwale, Toulou B, Shittu A, et al."</li> </ul>	
<b>Optional/General</b> comments		

**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>	