

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_130918
Title of the Manuscript:	Exploring the Dynamics of Genetic Parameters: Genetic Variability, Heritability and Character Association in Rice (Oryza sativa L.)
Type of the Article	Research Analysis

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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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: 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. A minimum of 3-4 sentences may be required for this part.	This manuscript holds significant value for the scientific community as it delves into the genetic variability, heritability, and trait associations in rice, a staple crop vital for global food security. By identifying key traits with high heritability and genetic advance, the study offers crucial insights for breeding programs aimed at improving yield and resilience in rice varieties. The findings can guide the selection of parent genotypes in future breeding efforts, contributing to the development of high-yielding, stress-resistant rice cultivars.	Genetic variability in a crop species is a boon to plant breeders and ecosystems as a whole. The final outcome of a breeding program relies on the proportion of desired genetic variability and its heritability to the progeny. The trait association helps understand the direct or indirect influence of the component trait on the expression of the dependent trait.
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	Yes
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.	Yes	Yes
Is the manuscript scientifically, correct? Please write here.	Yes, the manuscript appears to be scientifically correct, with appropriate methodologies, statistical analyses, and references to support the findings.	Yes
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	yes
Is the language/English quality of the article suitable for scholarly communications?	Yes	yes
Optional/General comments	N/A	N/A

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>	No ethical issues