

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_130451
Title of the Manuscript:	Assessment of genetic variability, heritability and genetic advance for yield and related traits in pumpkin (Cucurbita moschata Duch ex Poir)
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer’s comment	Author’s Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	Assessing genetic variability, heritability, and genetic advance in pumpkin is crucial for identifying traits that can be effectively improved through breeding. This information helps breeders select high-yielding genotypes with desirable characteristics for sustainable agricultural production. Additionally, understanding these genetic parameters aids in developing improved cultivars that are resilient to environmental stresses and adaptable to diverse growing conditions.	OK
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	ok
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.	Abstract should be rewrite by considering following points 1. Why you study these experiments (importance/research background) with objectives 2. In which materials and methods, you followed in your experiments 3. Specific results that you want to highlight 4. Conclusion 5. Recommendation	Ok I have done all these as per your suggestion and highlight with yellow color
Is the manuscript scientifically, correct? Please write here.	Yes	OK
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	In reference section its need to revision again. All references should be same format and should be added doi number. Some recent article should be added as a references Here some suggestions: 1. Hossain, M. M., Azad, M. A. K., Alam, M. S., & Eaton, T. E.-J. (2021). Estimation of variability, heritability and genetic advance for phenological, physiological and yield contributing attributes in wheat genotypes under heat stress condition. <i>American Journal of Plant Sciences</i> , 12(4), 586–602. https://doi.org/10.4236/ajps.2021.124040 2. Karikor, M. A. S., Kabir, M. S., Hossain, M. M., Azad, M. A. K., Mohamud, M. A., Rahman, M. H., Shumsun, N., & Hoque, M. A. (2022). Estimation of combining ability and heterosis in wheat. <i>International Journal of Advances in Agricultural Science & Technology</i> , 9(12), 1–46. https://doi.org/10.47856/ijaast.2022.v09i12.001 3. Mohamud, M. A., Hoque, A., Hossain, M. M., Hassan, A. H., Monira, S., & Muse, M. I. (2022). Estimation of genetic variability, heritability and genetic advances for short duration and high yielding rice genotypes. <i>International Journal of Advances in Agricultural Science & Technology</i> , 9(10), 34–55. https://doi.org/10.47856/ijaast.2022.v09i10.004	I have added all missing references and all references is in same format. Recent citation is already use in this manuscript.

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Is the language/English quality of the article suitable for scholarly communications?	Yes but minor improvement is needed	I improved it
Optional/General comments	<p>Overall, the quality this article is good. Some portion of this article should be rewrite like abstract, methodology, and in keyword section should be added another keyword, genetic advance</p> <p>In case of materials and methods it should be rewrite by considering the following points:</p> <ol style="list-style-type: none">1. Plant materials and cultivate condition2. Experimental layout and design3. Sample measurement and analysis4. Statistical analysis <p>In result and discussion section Its need comparison among the genotypes used in these experiments instead of mentioning only the highest and lowest value.</p>	I have added it in material methods section and highlight with yellow color.

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	No