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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_142203** |
| Title of the Manuscript: | **Investigation of Various Quantitative Traits Interaction and Genetic Variability in Oats (Avena Sativa L)** |
| Type of the Article |  |

**PART 1: Comments**

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|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (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.** | **The manuscript contain good data and well organised analysis of data but, the manuscript did not discussed about the possible genetic cause of the results they have obtained. Hence it required thorough discussion for their results along with some references unless then it will not be useful for scientific community** | I corrected it now and try to discuss all possible genetic cause. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title Investigation of Various Quantitative Traits Interaction and Genetic Variability in Oats (Avena Sativa L) is too broad and there might be some qualitative traits as well in this manuscript and the word interaction is not suitable for these types of studies. Hence, Genetic Variability Studies in Oats (Avena Sativa L) Genotypes might be suitable.** | Ok but the title is good and also many papers available with this title so i chose this title for my manuscript. |
| **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, they have given more emphasis on genotypic values rather than phenotypic values. And some of the sentences are not completed. Kindly suggest them to rewrite the abstract.** | Ok i have rewrite the abstract |
| **Is the manuscript scientifically, correct? Please write here.** | Yes it is but, the poor discussion of their results without any scientific background leads to decreased quality of manuscript. | Ok I will be right. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes. | I have mentioned all the references |
| **Is the language/English quality of the article suitable for scholarly communications?** | Still more improvement is required in writing. They might have written with some scientific discussion so that the scientific community will thoroughly understand their research. | Ok i will done it |
| **Optional/General** comments | **The author did not discussed about the material they have used like their names, pedigree details, whether they are segregating or stable, and they also did not discussed about the details of the checks they are used and why they have selected that checks etc.. are needed to understand the scientific background of their research** | Ok i will add it |

**PART 2:**

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|  | **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 |