

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_84868
Title of the Manuscript:	GxE interactions elucidated by AMMI, BLUP and Non Parametric measures of Wheat genotypes by evaluated in NEPZ
Type of the 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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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)
<u>Compulsory</u> REVISION comments	<ul style="list-style-type: none">- Deep English editing is required. There are serious problems of transition between paragraphs and sentences; and gramma style.- On the abstract, the authors should include at least one closing sentence based on all results presented.- The authors should include at the end of introduction the hypothesis of their study and their objectives.- In the Material and Methods section, the authors should add the references for each equation. They should also add the name of each parametric and non-parametric measure.- In the "Results and Discussion" part, page 5, in Association analysis paragraph, the authors refer to indirect relationships "Average yield had expressed direct and indirect relationships with measures": How direct and indirect effects were assessed? Have the authors performed a path analysis?- The discussion is very poor. There are no conclusions. I encourage the authors to discuss their results to show the importance of their study.- What are the recommendations of the authors regarding the parameters choice to analyse GxE interaction?- What are the recommendations of the authors regarding genotypes selection? Which ones are the most suitable for the Indian region.	Correction made Done Revised Done
<u>Minor</u> REVISION comments	<ul style="list-style-type: none">- The title should not include a non-common abbreviation like NEPZ- Other remarks have been highlighted in the main manuscript attached.	
<u>Optional/General</u> comments	This study seems interesting in terms of the diversity of parametric and non-parametric measures presented for GxE interaction evaluation under climate change effect. However, it lacks clear objectives and consistent discussion. The authors used new and actual publications, but I encourage them to report more references to enrich the discussion and take it further.	Noted

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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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	