

Review Form 1.7

Journal Name:	Asian Journal of Biotechnology and Genetic Engineering
Manuscript Number:	Ms_AJBGE_117396
Title of the Manuscript:	Correlation and Path Coefficient Analysis of Drought Tolerant Open Pollinated Maize (Zea mays L.) Genotypes in Ethiopia
Type of the Article	

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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Yes, it is important as it contributes to the understanding of trait associations and their relative importance in determining grain yield in maize. The findings can guide breeders in selecting desirable traits for yield improvement. Though this manuscript didn't use more advanced ways of selection, but these techniques are still useful in small and not very sophisticated breeding programs.</p> <p>2. Its suitable.</p> <p>3. Yes, the abstract is comprehensive though I would suggest to put some numbers (data) in the result section of the abstract.</p> <p>4. Overall, its good. However, I would suggest starting up introduction with little information on maize, maize biology, maize production status in Ethiopia, its demand and importance in Ethiopian cuisine and maize breeding in Ethiopia. And in results section, I would suggest making the whole result and discussion more concise. Also, including a diagram or graph for showing correlation between major traits OR even a flow chart for path analysis would be better as this paper only has results in tabular form.</p> <p>5. Yes, it is. The statistical methods and interpretation of results are scientifically correct.</p> <p>6. The references are sufficient, but I would suggest including more recent references as well. Also make some comparisons with correlation and path analysis results from other crops like pulses (lentils) as well.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, its suitable. However, there are some sentences very long and inappropriate word choices for the scientific writing. I would suggest splitting up the long sentences and phrase the sentences better.</p>	
<p>Optional/General comments</p>	<p>The equations of genotypic and phenotypic correlation coefficient are not complete. Complete the equation. Try to make results section more concise.</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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