



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_29743
Title of the Manuscript:	Assessment of genetic variability and correlation coefficient to improve some agronomic traits in rice
Type of the Article	Original Research 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	Manuscript concerns an interesting question related with the evaluation of genetic components, heritability and correlation for some quantitative traits in rice in RRTC, Sakha, Kafr EL-Sheikh, Egypt. Ten genotypes (three commercial varieties and seven promising lines) of rice were used in this study. Analysed were next traits for each of the years - number of days to heading (day), plant height (cm), number of panicles/ plant, number of filled grains/ panicle, panicle length, panicle weight (g), spikelets fertility percentage, grain weight (g), and grain yield / plant(g). Abstract is clear, informative, brief and representative of the work and underlines the significance of the subject. Introduction is understandable, clear and comprehensive exposing the reader to the topic. Purpose and objectives are scientifically appropriate. In "Introduction" are cited 8 authors. The methods used are accurate and correctly described. So described they allow experiment to be reproduced. Appropriate statistics was used. The experimental results are thoroughly and logically interpreted in the discussion and presented with clarity. Author (-s) compared the results obtained with the experiments and results of previous studies on the relevant subject. The findings are particularly valuable having in a mind importance of the crop studied. The part "Discussion" is presented very well. Tables are well represented in the manuscript	



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	according to journal guide for authors.	
<u>Minor</u> REVISION comments	However, some minor errors were noted: In "Introduction". Must observe the punctuation between words in a sentence. To edit the text and make appropriate corrections. For example: Line 22 - (Sabesanet al., 2009) must be (Sabesan et al., 2009) Line 27 rice(Pereraet al., 2014) must be rice (Perera et al., 2014). Line 18 - the citation Nirmala et al. (2015) is omitted in References Line 31 - (Zhou Gang et al., (2012). quotes to write without first name of the author (Zhou et al., (2012). Line 94 - Fazza et al. 2016 must be corrected - Faza et al. 2016a or Faza et al. 2016b In "References" : Line 216: citation - Khush (2013)... is missing in the main text. Below Table 4 is omitted to give the next legend - *and **, Significant at 5% and 1% levels of probability.	1-introdcuction (we have improved) 2-the reference in the text (we have changed according to journal instructions). 3-we made the corrections based on reviewers comments
<u>Optional/General</u> comments	Organization into sections and subsections was well done and paper structure is clear and arranged according to journal style. The proposed peer review manuscript, titled "Assessment of genetic variability and correlation coefficient to improve some agronomic traits in rice" is of interest and it deserves to be published in Journal of Experimental Agriculture International after minor corrections.	