



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_44360
Title of the Manuscript:	Assessment of Genetic Variability and Heritability Analysis in Sugarcane Clones Obtained by FUZZ (True Seed) at Northern of Côte d'Ivoire
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments																
Apart from the general corrections made, there are still issues with Table 5, the authors should try to look at the figures properly. For instance, σ(phenotypic standard deviation) is the square root of the phenotypic variance (σ^2p). e.g for Nber _ Stem/3m with standard deviation 13, phenotypic variance (σ^2p) should be 169 but the authors reported 29. This table is the centrality and the entirety of tis paper. So it will be good the authors review this table 5.	I added a new table (Table 3: Derived variance components) <table><tr><th>Source of variation</th><th>df</th><th>Mean square</th><th>Expected mean square</th></tr><tr><td>Genotype</td><td>g-1</td><td>Msg</td><td>$\sigma^2_e + \sigma^2_g$</td></tr><tr><td>Replication</td><td>r-1</td><td>Ms_r</td><td>$\sigma^2_e + g \sigma^2_r$</td></tr><tr><td>Error</td><td>(g-1)(r-1)</td><td>Mse</td><td>σ^2_e</td></tr></table> We had calculate the phenotypic variance with this formula: <i>phenotypic variance is</i> ($\sigma^2 p$) = $\sigma^2 g + \sigma^2 e/r$. Where r is replication. And I'm deleted the phenotypic deviation in the table 6 (Table 5 became table 6).	Source of variation	df	Mean square	Expected mean square	Genotype	g-1	Msg	$\sigma^2_e + \sigma^2_g$	Replication	r-1	Ms _r	$\sigma^2_e + g \sigma^2_r$	Error	(g-1)(r-1)	Mse	σ^2_e
Source of variation	df	Mean square	Expected mean square														
Genotype	g-1	Msg	$\sigma^2_e + \sigma^2_g$														
Replication	r-1	Ms _r	$\sigma^2_e + g \sigma^2_r$														
Error	(g-1)(r-1)	Mse	σ^2_e														