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Supplementary Material

Additive main effects and multiplicative interaction for grain yield of rice (*Oryza sativa*) genotypes for general and specific adaptation to salt stress locations

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Supplementary Table S1. Pooled Analysis of Variance for grain yield in rice genotypes across saline and Alkaline condition during 2017 and 2018

Source of variance	DF	MSS
Genotype	18	12845364***
Environment	8	33750792***
Interaction (G X E)	144	1505164***
Error	342	365791
Mean		2550.2
CV		23.7
MSD		583.5
LSD		32.8

Supplementary Table S2. Test for Homogeneity of Variances for grain yield in rice genotypes across saline and alkaline condition during 2017 and 2018

Method	DF	Chisq Value	Pr(>Chisq)
Bartlett test for Homogeneity of Variances	8	12.5	0.8

Supplementary Table S3. Normality test for grain yield in rice genotypes across saline and alkaline condition during 2017 and 2018

Method	W Value	Pr(>W)
Shapiro-Wilk for Normality test	0.98	0.5