

Supplementary Table S2 ANOVA for 17 quantitative traits studied in accessions of *Oryza* species

Source	Block (Without Treatments)	Treatment (Without Blocks)	Treatment: Check	Treatment: Test vs. Check	Error
Degree of freedom	1	89	2	87	2
Days to Main Heading	1372.59 **	324.32 **	1467.17 **	298.05 **	1.17
Days to 50% Flowering	1434.27 **	307.73 **	1512.17 **	280.05 **	2.17
Flag Leaf Length (cm)	297.38 **	57.03 **	26.45 **	57.73 **	0.21
Flag Leaf Width (cm)	3.06 **	0.14 **	0.01 *	0.14 **	0.00
Plant Height (cm)	22902.75 **	856.34 **	1392.11 **	844.02 **	1.63
Panicle Bearing Tillers	758.84 **	302.86 **	94.27 **	307.66 **	0.73
Panicle Length (cm)	113.86 **	14.68 *	6.3 *	14.87 *	0.22
Culm Length (cm)	1360.65 **	38.71 *	16.07 *	39.23 **	0.39
Primary branches/Panicle	92.88 **	5.24 *	25.1 **	4.78 *	0.08
Total Grains/Panicle	165.6 **	9.53 **	7.8e-29 ns	9.75 **	0.00
Filled Grains/Panicle	8411.51 **	3396.64 **	18384.41 **	3052.09 **	1.94
Spikelet Fertility (%)	2484.04 **	489.42 **	38.88 *	499.78 **	1.04
Awn Length (cm)	85568.2 **	4722.29 **	27645.89 **	4195.31 **	5.41
Grain Length (mm)	3.61 **	0.74 **	1.48 **	0.72 **	0.0046
Grain Breadth (mm)	0.75 **	0.07 **	0.18 **	0.06 **	0.00
Grain L-B Ratio	0.22 **	0.21 **	0.99 **	0.19 **	0.00052
100-Grain Weight (g)	0.41 **	0.16 **	0.09 *	0.16 **	0.00095