

Table 1 ANOVA for L×T analysis for eighteen characters in rice

Source of variations	d. f.	Day to 50% flowering	Plant height (cm)	Number of effective tillers/ plant	Panicle length (cm)	Days to maturity	Number of spikelets/ panicle	Number of grains/ panicle	1000 grain wt (g)	Grain yield/plant (g)	Hulling recovery (%)
Replicates	2	10.01	0.38	0.02	0.29	17.87	15.25	25.76	0.34	0.13	19.53
Treatments	66	364.67**	1409.59**	16.41**	25.62**	389.95**	6844.80**	5247.38**	25.07**	234.61**	22.58
Parents	18	534.70**	2797.20**	22.01**	28.57**	663.11**	6809.71**	5039.56**	29.41**	120.66**	33.07
Parents (Line)	2	885.18**	851.66**	59.66**	3.09	839.87**	3224.29**	3152.61**	15.90**	120.00**	16.57
Parents (Testers)	15	492.56**	2325.95**	6.38**	24.10**	662.98**	7594.77**	5553.25**	21.23**	114.75**	28.86
Parents (L vs T)	1	465.80**	13757.06**	181.16**	146.67**	311.58**	2204.67**	1108.19**	179.17**	210.69**	129.15*
Parents vs Crosses	1	423.49**	104.82*	63.64**	100.73**	515.13**	7500.86**	2122.78**	6.31**	4672.08**	6.74
Crosses	47	298.31**	905.92**	13.26**	22.89**	282.67**	6844.27**	5393.46**	23.80**	183.84**	18.91
Error	132	17.86	24.51	0.56	2.16	29.70	77.49	62.85	0.87	5.70	26.98
Total	200	132.23	481.34	5.79	9.88	148.46	2310.08	1773.37	8.85	81.18	25.46

Note: * Significant at 5% level; ** Significant at 1% level