

Table 1 Analysis of variance for fourteen characters in 32 rice genotypes

| S.No. | Character | Mean sum of squares | | Error (df=62) |
|-------|---------------------------------------|---------------------|--------------------|------------------|
| | | Replications (df=2) | Treatments (df=31) | |
| 1. | Days to 50% flowering | 1.937 | 266.795** | 1.636 |
| 2. | Days to maturity | 1.125 | 272.353** | 1.232 |
| 3. | Number of effective tillers per plant | 8.781 | 915.890** | 6.397 |
| 4. | Plant height (cm) | 0.281 | 8.250** | 1.037 |
| 5. | Panicle length (cm) | 0.582 | 33.120** | 1.039 |
| 6. | Number of grains per panicle | 61.562 | 4539.923** | 37.227 |
| 7. | Kernel length (mm) | 0.005 | 0.108** | 0.004 |
| 8. | Kernel breadth (mm) | 0.002 | 0.219** | 0.015 |
| 9. | Kernel L/B ratio | 0.009 | 2.455** | 0.003 |
| 10. | Kernel length after cooking (mm) | 0.003 | 0.063** | 0.009 |
| 11. | Kernel elongation ratio | 1.767 | 30.606** | 1.227 |
| 12. | 1000-grain weight(g) | 50.875 | 197.791** | 20.320 |
| 13. | Harvest index (%) | 0.001 | 0.566** | 0.039 |
| 14. | Grain yield per plant (g) | 4.845 | 38.425** | 2.963 |

Note: * Significant at 5%, ** Significant at 1%