**Table S2. Correlation coefficients between 8 quantitative traits of soybean germplasm accessions**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Trait** | **Days to maturity** | **Plant height** | **No. of nodes/plant** | **No. of pods/plant** | **No. of pod clusters/plant** | **Grain yield/plant** | **100 Seed weight** |
| **Days to 50% flowering** | 0.85\*\* | 0.80\*\* | 0.12 | 0.27\* | 0.37\*\* | -0.24\* | -0.61\*\* |
| **Days to maturity** |  | 0.69\*\* | 0.04 | 0.17 | 0.21 | -0.20 | -0.37\*\* |
| **Plant height (cm)** |  |  | 0.31\*\* | 0.23\* | 0.40\*\* | -0.25\* | -0.50\*\* |
| **No. of nodes/plant** |  |  |  | 0.23\* | 0.29\* | 0.04 | -0.14 |
| **No. of pods/plant** |  |  |  |  | 0.81\*\* | 0.60\*\* | -0.15 |
| **No. of pod clusters/plant** |  |  |  |  |  | 0.38\*\* | -0.29\* |
| **Grain yield/plant (g)** |  |  |  |  |  |  | 0.45\*\* |

 \*, \*\*: Significant at 5% and 1% probability levels, respectively.