**Table S3:** Principal component analysis based on 14 quantitative traits of the 217 ground nut accessions (bold values indicate the most relevant characters (>0.30) that contribute to the variation of the components).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Trait** | **PC1** | **PC2** | **PC3** | **PC4** |
| DFF | -0.030 | **0.416** | 0.262 | 0.008 |
| LL | **0.331** | **-0.380** | 0.083 | -0.141 |
| LW | **0.384** | -0.219 | 0.280 | -0.217 |
| PH | 0.214 | **-0.410** | -0.075 | 0.198 |
| PS | 0.101 | -0.199 | -0.181 | **0.634** |
| NMB | 0.097 | 0.009 | **0.490** | 0.289 |
| NP | 0.089 | 0.053 | **0.346** | **0.472** |
| PL | 0.243 | 0.147 | **-0.369** | -0.183 |
| PW | **0.310** | 0.218 | -0.063 | 0.120 |
| SL | **0.325** | **0.334** | -0.162 | 0.067 |
| SW | **0.442** | 0.016 | -0.031 | -0.037 |
| DM | 0.038 | **0.449** | 0.102 | 0.128 |
| DE | 0.286 | 0.077 | **0.407** | -**0.319** |
| HSW | **0.360** | 0.187 | **-0.322** | 0.117 |
| Eigen value | 3.700 | 2.989 | 1.575 | 1.224 |
| Percent | 26.431 | 21.351 | 11.250 | 8.744 |
| Cumulative | 26.431 | 47.781 | 59.031 | 67.775 |

DE = days to 50% emergence; DFF=days to 50% flowering, LL=leaf length, LW=leaf width, PH=Plant height, PS=Plant spread, NMB=Number of main branches, NP= Number of pods, PL=Pod length, PW=Pod width, SL=Seed length, SW=Seed width, DM=days to maturity, HSW=Hundred seed weight.