**Table S5:** Summary statistics of the three clusters identified based on 14 quantitative traits of the 217 ground nut accessions.

|  |  |  |  |
| --- | --- | --- | --- |
| **Trait** | **Cluster 1** | **Cluster 2** | **Cluster 3** |
| DFF | 25.116 | 28.062 | 26.531 |
| LL | 6.241 | 5.106 | 7.013 |
| LW | 2.967 | 2.747 | 3.992 |
| PH | 45.764 | 37.563 | 46.064 |
| PS | 92.459 | 86.947 | 89.137 |
| NMB | 7.751 | 7.653 | 9.391 |
| NP | 67.196 | 68.371 | 79.099 |
| PL | 22.841 | 23.984 | 25.416 |
| PW | 9.911 | 10.737 | 11.816 |
| SL | 10.023 | 11.721 | 12.258 |
| SW | 6.220 | 6.433 | 7.353 |
| DM | 95.357 | 110.243 | 102.558 |
| DE | 5.558 | 6.173 | 7.342 |
| HSW | 39.882 | 44.464 | 45.645 |
| Number of accessions | 78 | 73 | 66 |

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.