Table S1. Eigenvalues, eigenvectors, explained variance and accumulated variance for the first two principal component of the traits evaluated in 43 cashew genotypes.

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| --- | --- | --- |
| Eigenvalues | Component | |
| PC1 | PC2 |
| Explained variance (%) | 70.1 | 9.2 |
| Accumulated variance (%) | 70.1 | 79.3 |
| Traits | Eigenvectors | |
| TW | 0.287 | 0.006 |
| PW | 0.284 | -0.010 |
| FW | 0.272 | 0.186 |
| FL | 0.279 | 0.084 |
| FWI | 0.285 | 0.068 |
| FT | 0.228 | 0.133 |
| KW | 0.284 | 0.099 |
| KL | 0.282 | 0.061 |
| KWI | 0.280 | 0.023 |
| KT | 0.247 | 0.116 |
| PFL | 0.226 | 0.135 |
| BDPF | 0.263 | -0.055 |
| ADPF | 0.234 | -0.201 |
| TA | -0.197 | 0.474 |
| TSS | 0.004 | 0.652 |
| TSS/TA | 0.187 | -0.442 |

PC1: first principal component, PC2: second principal component. TW: total weight, PW:pseudofruit weight, FW: fruit weight, FL: fruit length, FWI: fruit width, FT: fruit thickness, KW: kernel weight, KL: kernel length, KWI: kernel width, KT: kernel thickness, PFL: pseudofruit length, BDPF: basal diameter of pseudofruit, ADPF: apical diameter of pseudofruit, TA: titratable acidity, TSS: total soluble solid and TSS/TA= total solublesolids/titratable acidity ratio