**Table S4** Pearson correlation analysis among inflorescence and leaf traits

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Traits | LL | LW | LL/W | ID | CDFD | NWRF | RFL | RFW | RFL/W | NRF | NDF | NF |
| LL | 1 |  |  |  |  |  |  |  |  |  |  |  |
| LW | 0.91\*\* | 1 |  |  |  |  |  |  |  |  |  |  |
| LL/W | 0.14\*\* | -0.24\*\* | 1 |  |  |  |  |  |  |  |  |  |
| ID | 0.14\*\* | 0.19\*\* | -0.09 | 1 |  |  |  |  |  |  |  |  |
| CDFD | 0.20\*\* | 0.20\*\* | -0.02 | 0.37\*\* | 1 |  |  |  |  |  |  |  |
| NWRF | -0.05 | -0.04 | -0.06 | 0.11\* | -0.51\*\* | 1 |  |  |  |  |  |  |
| RFL | 0.18\*\* | 0.21\*\* | -0.04 | 0.89\*\* | 0.37\*\* | 0.04 | 1 |  |  |  |  |  |
| RFW | 0.14\*\* | 0.18\*\* | -0.08 | 0.54\*\* | 0.27\*\* | 0.03 | 0.54\*\* | 1 |  |  |  |  |
| RFL/W | -0.40\*\* | -0.34\*\* | -0.10\* | 0.18\*\* | -0.01 | 0.12\* | 0.10\*\*,\* | 0.14\*\* | 1 |  |  |  |
| NRF | -0.09 | -0.05 | -0.10\* | 0.12\* | -0.45\*\* | 0.89\*\* | 0.05 | 0.02 | 0.16\*\* | 1 |  |  |
| NDF | 0.16\*\* | 0.16\*\* | -0.01 | 0.26\*\* | 0.80\*\* | -0.39\*\* | 0.26\*\* | 0.20\*\* | 0.13\*\* | -0.32\*\* | 1 |  |
| NF | 0.09 | 0.12\* | -0.08 | 0.34\*\* | 0.44\*\* | 0.27\*\* | 0.28\*\* | 0.21\*\* | 0.24\*\* | 0.42\*\* | 0.72\*\* | 1 |

\*\*Significant at *p<*0.01

\*Significant at *p<*0.05