|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Component** | **Type** | **Part** | **Amount (%)** | **SE** | **F-test** |
| SiO2 | *dr* mutant | leaf | 1.79 ± 0.18 | 0.10 | \*\*\* |
| Wild-type | 4.33 ± 0.06 | 0.04 |
| *dr* mutant | stem | 1.63 ± 0.92 | 0.53 | ns |
| Wild-type | 2.67 ± 0.33 | 0.19 |
| *dr* mutant | root | 34.08 ± 0.03 | 0.02 | ns |
| Wild-type | 31.08 ± 5.09 | 2.91 |
| N | *dr* mutant | leaf | 2.47 ± 0.21 | 0.15 | ns |
| Wild-type | 2.00 ± 0.26 | 0.15 |
| *dr* mutant | stem | 1.87 ± 0.23 | 0.13 | \*\* |
| Wild-type | 0.94 ± 0.11 | 0.06 |
| *dr* mutant | root | 0.54 ± 0.03 | 0.02 | \* |
| Wild-type | 0.66 ± 0.03 | 0.02 |
| P | *dr* mutant | leaf | 0.24 ± 0.02 | 0.01 | ns |
| Wild-type | 0.26 ± 0.01 | 0.01 |
| *dr* mutant | stem | 0.39 ± 0.01 | 0.01 | \*\* |
| Wild-type | 0.36 ± 0.02 | 0.01 |
| *dr* mutant | root | 0.06 ± 0.01 | 0.01 | \*\* |
| Wild-type | 0.08 ± 0.01 | 0.01 |
| K | *dr* mutant | leaf | 2.15 ± 0.09 | 0.05 | ns |
| Wild-type | 2.14 ± 0.06 | 0.04 |
| *dr* mutant | stem | 3.06 ± 0.10 | 0.05 | \* |
| Wild-type | 2.58 ± 0.12 | 0.07 |
| *dr* mutant | root | 0.18 ± 0.02 | 0.01 | \* |
| Wild-type | 0.61 ± 0.14 | 0.08 |

S2 Table. Abundance of SiO2 and other nutrients in leaf, stem, and root tissues of the wild-type and *dr* mutant.