Table S2. Summary statistics.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Method** | **Mean** | | **Median** | **SD** | **Range** |
| All units:μmol CO2 m−2**·**s−1 | | **TPU-Enabled (N = 27 pairs)** | | | |
| Vcmax |  | |  |  |  |
| DAT | 33.2 | | 28.5 | 17.8 | 10.1, 80.9 |
| SS | 34.2 | | 26.7 | 18.3 | 11.0, 83.2 |
| Jmax |  | |  |  |  |
| DAT | 51.6 | | 48.4 | 24.2 | 11.8, 112.4 |
| SS | 59.6 | | 52.4 | 26.2 | 24.0, 120.5 |
| **No TPU (N = 27 pairs)** | | | | | |
| Vcmax |  | |  |  |  |
| DAT | 31.6 | | 28.5 | 15.9 | 9.92, 69.9 |
| SS | 33.7 | | 26.7 | 18.2 | 11.0, 83.2 |
| Jmax |  | |  |  |  |
| DAT | 47.4 | | 47.4 | 20.3 | 9.51, 100.4 |
| SS | 58.3 | | 51.6 | 25.0 | 24.0, 114.5 |
| **TPU-enabled, *Only* Curves without Overshoot (N = 19 pairs)** | | | | | |
| Vcmax |  | |  |  |  |
| DAT | 29.7 | | 24.7 | 14.0 | 10.1, 67.6 |
| SS | 30.6 | | 25.9 | 14.2 | 11.0, 64.0 |
| Jmax |  | |  |  |  |
| DAT | 51.3 | | 47.8 | 19.1 | 22.7, 100.5 |
| SS | 55.6 | | 51.6 | 19.9 | 24.0, 105.9 |
| **No TPU, *Only* Curves without Overshoot (N = 19 pairs)** | | | | | |
| Vcmax |  | |  |  |  |
| DAT | 28.9 | | 24.7 | 13.5 | 9.9, 67.4 |
| SS | 30.6 | | 25.9 | 14.2 | 11.0, 64.0 |
| Jmax |  | |  |  |  |
| DAT | 50.2 | | 47.4 | 17.5 | 23.6, 100.4 |
| SS | 55.6 | | 51.6 | 19.9 | 24.0, 105.9 |