

Table 2S. The maximal quantum yield of PSII photochemistry (F_v/F_m) and performance index (PI) in the attached fully expanded second leaves of winter wheat *Triticum aestivum* cv. Jing 411 subjected to 1 h of 800 $\mu\text{mol m}^{-2} \text{s}^{-1}$ PPFD at different temperatures (mean $\pm$ SE, $n = 6$). Measurements were carried out at the third-leaf stage. Mean values indicated by *different letters* are significantly different at $P < 0.05$ according to LSD test.

Temperature [°C]	20	25	28	35	38	42
F_v/F_m	0.677 ± 0.011^c	0.715 ± 0.004^d	0.738 ± 0.004^e	0.692 ± 0.006^c	0.555 ± 0.008^b	0.518 ± 0.008^a
PI	1.54 ± 0.21^b	2.16 ± 0.06^c	2.45 ± 0.12^d	1.32 ± 0.09^b	0.59 ± 0.04^a	0.38 ± 0.03^a