

Table 1S. Summary of the JIP-test formulae using data extracted from the fast fluorescence transient O–J–I–P. The units are relative. C– control; S– 12 dS m⁻¹ saline treatment; C-SU-NW – normal grown, submergence with non-saline water; S-SU-NW – 12 dS m⁻¹ saline treatment before submergence, submergence with non-saline water; C-SU-SW – normal grown, submergence with 12 dS m⁻¹ saline water; S-SU-SW – 12 dS m⁻¹ saline treatment before submergence, submergence with 12 dS m⁻¹ saline water; ND, not determined. The *Tukey Test* at 5% probability level was applied. Different cultivars followed by the same upper case letter across the treatment do not differ statistically. Cultivar x treatment interaction followed by the same lower case letter does not differ statistically.

A.

Treatment	F ₀			F _m			F _v /F _m		
	FR13A	IR42	AC39416	FR13A	IR42	AC39416	FR13A	IR42	AC39416
C	501 ^{aA}	508 ^{abA}	508 ^{aA}	2683 ^{aA}	2726 ^{aA}	2637 ^{aA}	0.813 ^{aA}	0.814 ^{aA}	0.807 ^{aA}
S	520 ^{aA}	533 ^{aA}	491 ^{aA}	2412 ^{abA}	2466 ^{aA}	2375 ^{aA}	0.784 ^{abA}	0.784 ^{abA}	0.793 ^{aA}
C-SU-NW	496 ^{aA}	454 ^{bA}	434 ^{abA}	2208 ^{bA}	1951 ^{bB}	2005 ^{bAB}	0.775 ^{bA}	0.766 ^{bA}	0.783 ^{aA}
S-SU-NW	478 ^{aAB}	508 ^{abA}	434 ^{abB}	2211 ^{bA}	2022 ^{bA}	2022 ^{bA}	0.781 ^{abA}	0.763 ^{bA}	0.785 ^{aA}
C-SU-SW	386 ^{bB}	367 ^{cB}	506 ^{aA}	1847 ^{cA}	1415 ^{cB}	1415 ^{cB}	0.791 ^{abA}	0.642 ^{cB}	0.642 ^{cB}
S-SU-SW	312 ^{bB}	ND	413 ^{bA}	1361 ^{dA}	ND	1466 ^{cA}	0.771 ^{bA}	ND	0.717 ^{bB}

B.

Treatment	RC/CS ₀			ABS/RC			ET ₀ /ABS		
	FR13A	IR42	AC39416	FR13A	IR42	AC39416	FR13A	IR42	AC39416
C	237 ^{abA}	236 ^{aA}	244 ^{aA}	2.46 ^{cA}	2.56 ^{cA}	2.40 ^{cA}	0.525 ^{aA}	0.505 ^{aA}	0.520 ^{aA}
S	241 ^{aA}	238 ^{aA}	223 ^{aA}	2.49 ^{cA}	2.59 ^{cA}	2.53 ^{cA}	0.435 ^{bA}	0.440 ^{aA}	0.480 ^{aA}
C-SU-NW	200 ^{cA}	170 ^{cB}	167 ^{bB}	3.10 ^{aB}	3.48 ^{bA}	3.55 ^{cA}	0.320 ^{cA}	0.255 ^{bB}	0.230 ^{bB}
S-SU-NW	214 ^{bcA}	200 ^{bAB}	189 ^{bB}	2.72 ^{bcB}	3.26 ^{bA}	2.92 ^{dB}	0.345 ^{cA}	0.235 ^{bB}	0.270 ^{bB}
C-SU-SW	170 ^{dA}	94 ^{dB}	115 ^{cB}	2.88 ^{abC}	4.81 ^{aB}	5.61 ^{aA}	0.290 ^{cA}	0.115 ^{cB}	0.090 ^{cB}
S-SU-SW	139 ^{cA}	ND	119 ^{cA}	ND	4.98 ^{aA}	4.79 ^{bA}	0.305 ^{cA}	ND	0.095 ^{cB}

C.

Treatment	ET ₀ /RC			TR ₀ /RC			1–V _J		
	FR13A	IR42	AC39416	FR13A	IR42	AC39416	FR13A	IR42	AC39416
C	1.30 ^{aA}	1.29 ^{aA}	1.26 ^{aA}	1.92 ^{bA}	1.99 ^{cA}	1.88 ^{cA}	0.675 ^{aA}	0.650 ^{aA}	0.675 ^{aA}
S	1.08 ^{bB}	1.15 ^{bAB}	1.22 ^{aA}	1.89 ^{bA}	1.95 ^{cA}	1.92 ^{cA}	0.580 ^{bA}	0.590 ^{aA}	0.635 ^{aA}
C-SU-NW	0.98 ^{bcA}	0.88 ^{cA}	0.77 ^{bB}	2.23 ^{aB}	2.42 ^{bAB}	2.50 ^{bA}	0.440 ^{cA}	0.360 ^{bB}	0.310 ^{bB}
S-SU-NW	0.93 ^{cdA}	0.77 ^{cB}	0.79 ^{bB}	2.04 ^{abB}	2.27 ^{bA}	2.12 ^{cAB}	0.465 ^{cA}	0.340 ^{bB}	0.375 ^{bB}
C-SU-SW	0.83 ^{dA}	0.55 ^{dB}	0.51 ^{cB}	2.12 ^{abC}	2.77 ^{aB}	3.06 ^{aA}	0.395 ^{cA}	0.205 ^{cB}	0.165 ^{cB}
S-SU-SW	0.82 ^{dA}	ND	0.47 ^{cB}	1.97 ^{bB}	ND	2.91 ^{aA}	0.415 ^{cA}	ND	0.165 ^{cB}

D.

Treatment	ΔV _{I-P}			PI _{ABS}		
	FR13A	IR42	AC39416	FR13A	IR42	AC39416
C	0.241 ^{aA}	0.212 ^{aB}	0.233 ^{aAB}	30.3 ^{aA}	25.6 ^{aB}	29.8 ^{aA}
S	0.194 ^{bB}	0.170 ^{bC}	0.231 ^{aA}	18.3 ^{bB}	16.6 ^{bB}	22.0 ^{bA}
C-SU-NW	0.184 ^{bcA}	0.097 ^{cB}	0.107 ^{bB}	6.6 ^{cA}	3.7 ^{cB}	3.1 ^{cdB}
S-SU-NW	0.192 ^{bA}	0.106 ^{cB}	0.111 ^{bB}	8.9 ^{cA}	3.6 ^{cB}	5.4 ^{cB}
C-SU-SW	0.162 ^{cdA}	0.089 ^{cB}	0.096 ^{bB}	6.3 ^{cA}	0.6 ^{dB}	0.4 ^{eB}
S-SU-SW	0.149 ^{dA}	ND	0.115 ^{bB}	6.7 ^{cA}	ND	0.6 ^{deB}