

Table 1S. Means of selected functional and structural JIP-test parameters (mean $\pm$ SE, $n = 45$) of three maize genotypes in control and Cd5 treatment (5 mg Cd kg⁻¹ soil). For definitions, formulas and abbreviations see also Table 2S. Means with the same letters are not significantly different (*Tukey's* HSD_{0.05}).

Parameter	B84		Os6-2		Hybrid	
	Control	Cd5	Control	Cd5	Control	Cd5
F _m	1,842.822 $\pm$ 23.019 ^e	1,749.600 $\pm$ 27.274 ^d	1,992.178 $\pm$ 22.274 ^{ab}	1,989.622 $\pm$ 16.927 ^b	2,081.933 $\pm$ 19.409 ^a	1,895.080 $\pm$ 15.509 ^c
F ₀	399.444 $\pm$ 3.713 ^c	417.089 $\pm$ 4.079 ^{ab}	419.409 $\pm$ 2.720 ^a	406.533 $\pm$ 2.766 ^{abc}	399.783 $\pm$ 1.556 ^c	404.951 $\pm$ 3.527 ^{bc}
F ₁₅₀	604.422 $\pm$ 6.850 ^d	650.267 $\pm$ 6.121 ^c	742.222 $\pm$ 5.866 ^a	706.000 $\pm$ 7.388 ^b	653.130 $\pm$ 3.312 ^c	662.993 $\pm$ 8.096 ^c
t _{max}	329.556 $\pm$ 6.901 ^a	301.778 $\pm$ 9.529 ^b	337.333 $\pm$ 4.390 ^c	276.667 $\pm$ 9.861 ^d	307.000 $\pm$ 3.694 ^c	275.173 $\pm$ 6.361 ^c
V _j	0.521 $\pm$ 0.008 ^c	0.546 $\pm$ 0.008 ^b	0.570 $\pm$ 0.004 ^a	0.550 $\pm$ 0.005 ^b	0.515 $\pm$ 0.007 ^c	0.538 $\pm$ 0.004 ^b
S _m	23.918 $\pm$ 0.651 ^a	21.987 $\pm$ 0.584 ^b	21.087 $\pm$ 0.283 ^c	18.712 $\pm$ 0.314 ^d	20.453 $\pm$ 0.288 ^c	20.129 $\pm$ 0.368 ^c
S _m /t _{max}	0.075 $\pm$ 0.004 ^b	0.082 $\pm$ 0.003 ^a	0.064 $\pm$ 0.001 ^d	0.068 $\pm$ 0.002 ^{cd}	0.067 $\pm$ 0.001 ^{cd}	0.073 $\pm$ 0.001 ^{bc}
Mo	1.053 $\pm$ 0.027 ^d	1.238 $\pm$ 0.036 ^{bc}	1.360 $\pm$ 0.025 ^a	1.291 $\pm$ 0.031 ^b	1.091 $\pm$ 0.026 ^d	1.213 $\pm$ 0.018 ^c
TRo/ABS	0.783 $\pm$ 0.004 ^c	0.761 $\pm$ 0.003 ^d	0.792 $\pm$ 0.002 ^b	0.795 $\pm$ 0.002 ^b	0.808 $\pm$ 0.003 ^a	0.786 $\pm$ 0.001 ^c
ETo/ABS	0.375 $\pm$ 0.007 ^b	0.346 $\pm$ 0.006 ^{de}	0.340 $\pm$ 0.004 ^e	0.358 $\pm$ 0.004 ^{cd}	0.392 $\pm$ 0.007 ^a	0.363 $\pm$ 0.003 ^{bc}
ETo/TRo	0.479 $\pm$ 0.007 ^{ab}	0.454 $\pm$ 0.008 ^{cd}	0.430 $\pm$ 0.004 ^e	0.450 $\pm$ 0.005 ^d	0.485 $\pm$ 0.006 ^a	0.465 $\pm$ 0.004 ^{bc}
ABS/RC	2.568 $\pm$ 0.042 ^c	2.978 $\pm$ 0.055 ^a	3.004 $\pm$ 0.038 ^a	2.948 $\pm$ 0.048 ^{ab}	2.619 $\pm$ 0.036 ^c	2.861 $\pm$ 0.027 ^b
TRo/RC	2.011 $\pm$ 0.030 ^e	2.266 $\pm$ 0.044 ^{bc}	2.379 $\pm$ 0.028 ^a	2.345 $\pm$ 0.035 ^{ab}	2.116 $\pm$ 0.021 ^d	2.246 $\pm$ 0.022 ^c
ETo/RC	0.958 $\pm$ 0.020 ^c	1.028 $\pm$ 0.012 ^{ab}	1.019 $\pm$ 0.009 ^a	1.054 $\pm$ 0.009 ^b	1.025 $\pm$ 0.011 ^{ab}	1.033 $\pm$ 0.008 ^{ab}
Dlo/RC	0.558 $\pm$ 0.019 ^c	0.712 $\pm$ 0.016 ^a	0.625 $\pm$ 0.011 ^b	0.603 $\pm$ 0.014 ^b	0.503 $\pm$ 0.016 ^d	0.615 $\pm$ 0.060 ^b
RC/CSO	156.682 $\pm$ 2.868 ^a	140.393 $\pm$ 4.316 ^b	137.629 $\pm$ 2.059 ^b	138.156 $\pm$ 2.963 ^b	152.991 $\pm$ 1.365 ^a	141.760 $\pm$ 2.147 ^b
RC/ABS	0.392 $\pm$ 0.005 ^a	0.337 $\pm$ 0.009 ^c	0.334 $\pm$ 0.004 ^c	0.340 $\pm$ 0.006 ^{bc}	0.383 $\pm$ 0.004 ^a	0.351 $\pm$ 0.004 ^b
TRo/Dlo	3.624 $\pm$ 0.068 ^c	3.207 $\pm$ 0.070 ^b	3.830 $\pm$ 0.042 ^b	3.896 $\pm$ 0.048 ^b	4.212 $\pm$ 0.069 ^a	3.697 $\pm$ 0.031 ^c
ETo/(TRo-ETo)	0.924 $\pm$ 0.026 ^a	0.839 $\pm$ 0.028 ^b	0.756 $\pm$ 0.015 ^b	0.820 $\pm$ 0.015 ^c	0.945 $\pm$ 0.023 ^a	0.866 $\pm$ 0.015 ^b
PI _{ABS}	1.325 $\pm$ 0.048 ^b	0.917 $\pm$ 0.074 ^e	0.977 $\pm$ 0.041 ^{de}	1.092 $\pm$ 0.043 ^{cd}	1.527 $\pm$ 0.058 ^a	1.149 $\pm$ 0.036 ^c