

Table 1 Suppl. Correlation coefficients (* - $P < 0.05$, ** - $P < 0.01$) among cotton leaf parameters: net photosynthetic rate (P_N), stomatal conductance (g_s), transpiration rate (T_r), maximal quantum yield of PS II photochemistry (F_v/F_m), actual quantum yield of PS II (Φ_{PSII}), nonphotochemical quenching (NPQ), photochemical reflectance index (PRI), structural independent pigment index (SIPI), water index (WI), and solar-induced fluorescence around 761 nm (SIF_{761}) ($n = 48$). The results were based on measurements in 2011.

	P_N	g_s	T_r	F_v/F_m	Φ_{PSII}	NPQ	PRI	SIPI	WI	SIF_{761}
P_N	1									
g_s	0.931**	1								
T_r	0.868**	0.823**	1							
F_v/F_m	0.561**	0.546**	0.119	1						
Φ_{PSII}	0.665**	0.602**	0.409**	0.717**	1					
NPQ	-0.593**	-0.557**	-0.350**	-0.655**	-0.884**	1				
PRI	0.762**	0.712**	0.759**	0.283	0.510**	-0.510**	1			
SIPI	-0.234	-0.184	-0.547**	0.415**	-0.038	-0.065	-0.649**	1		
WI	-0.641**	-0.713**	-0.445**	-0.567**	-0.808**	0.759**	-0.525**	0.095	1	
SIF_{761}	0.505**	0.403**	0.592**	-0.009	0.557**	-0.420**	0.508**	-0.533**	-0.586**	1