

Table S2. Overall percentage change (%) and lnRR of factors in response to warming. TC, total carbon; SWC, soil water content; FN, foliar nitrogen; FP, foliar phosphorus; FV/FM, Maximum quantum yield of PSII; SLA, specific leaf area; WUE, water use efficiency; Pn, net photosynthetic rate; Gs, stomatal conductance; T, transpiration rate; $\delta^{13}\text{C}$, carbon stable isotope composition; SD, stomatal density; SS, stomatal size.

Variables	RR (%)	lnRR	95%CI
pH	2.36	0.023	[-0.055,0.101]
TC	4.54	0.044	[-0.067,0.156]
SWC	-15.56	-0.169	[-0.268, -0.071]
FN	-4.29	-0.044	[-0.146,0.058]
FP	-8.11	-0.085	[-0.164, -0.005]
FV/FM	-2.95	-0.03	[-0.069,0.009]
Chlorophyll	-12.80	-0.137	[-0.24, -0.034]
SLA	8.96	0.086	[-0.02,0.192]
WUE	7.73	0.075	[0.008,0.142]
Pn	0.45	0.005	[-0.077,0.086]
Gs	-7.25	-0.075	[-0.147, -0.004]
T	-1.73	-0.018	[-0.097,0.062]
$\delta^{13}\text{C}$	6.02	0.059	[0.029,0.088]
SD	-10.24	-0.108	[-0.195, -0.021]
SS	-2.9	-0.029	[-0.131,0.072]