

Table S5. Percentage change (%) of and lnRR factors in response to warming under different intensity (eT + eCO₂). 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	Warming intensity_eT+eCO ₂	QM	P(QM)	RR (%)	lnRR	95%CI
TC	<2&>420	0.19	0.9	6.74	0.065	[-0.27,0.4]
SWC	<2&>420	0.67	0.99	-0.1	-0.001	[-0.17,0.17]
FN	<2&>420	0.002	0.96	-8.32	-0.087	[-0.52,0.35]
FP	<2&>420	0	1	14.46	0.135	[-0.94,1.21]
FV/FM	<2&>420	0	0.99	5.44	0.053	[-0.1,0.2]
Chlorophyll	<2&>420	0	1	-36.49	-0.454	[-0.69, -0.22]
	<2&>420	434.86	<0.0001	33.10	0.286	[0.26,0.31]
SLA	2-4&>420	434.86	<0.0001	1.36	0.014	[-0.11,0.13]
	>4&>420	434.86	<0.0001	6.76	0.065	[-0.36,0.5]
	<2&>420	48.92	<0.0001	31	0.27	[0.18,0.36]
WUE	2-4&>420	48.92	<0.0001	42.28	0.353	[0.19,0.52]
	>4&>420	48.92	<0.0001	22.26	0.201	[-0.27,0.67]
	<2&>420	42.32	<0.0001	47.52	0.389	[0.39,0.79]
Pn	2-4&>420	42.32	<0.0001	38.54	0.326	[0.22,0.55]
	>4&>420	42.32	<0.0001	7.08	0.068	[-0.37,0.57]
	<2&>420	0.49	0.92	3.44	0.034	[-0.28,0.42]
Gs	2-4&>420	0.49	0.92	-2.68	-0.027	[-0.2,0.27]
	>4&>420	0.49	0.92	-43.67	-0.574	[0.19,0.47]
T	<2&>420	0.15	0.7	-21.99	-0.248	[-2.37,1.22]
	<2&>420	9.5	0.009	18.23	0.168	[-0.37,0.31]
$\delta^{13}\text{C}$	2-4&>420	9.5	0.009	8.64	0.083	[-0.53,0.03]
SD	<2&>420	3	0.9	-12.58	-0.135	[0.06,0.28]
SS	<2&>420	3.55	0.8	-1.73	-0.018	[-0.21,0.37]