Response variable	Factor	df	t-value	p-value
Mean Chl a concentration ($\mu g\,L^{-1}$)	Temperature	8	2.004	0.080
	pCO_2	8	−0.464	0.655
	$pCO_2 \times$ temperature	8	0.244	0.813
Mean nanophytoplankton abundance ($\times 10^6$ cells L^{-1})	Temperature	8	**2.725**	**0.026**
	pCO_2 (10 °C)	4	−2.285	0.084
	pCO_2 (15 °C)	4	−1.191	0.299
Mean picoeukaryote abundance ($\times 10^6$ cells L^{-1})	Temperature	8	1.056	0.322
	pCO_2	8	−1.159	0.280
	$pCO_2 \times$ temperature	8	1.125	0.293
Mean picocyanobacteria abundance ($\times 10^6$ cells L^{-1})	Temperature	8	0.891	0.399
	pCO_2	8	0.991	0.351
	$pCO_2 \times$ temperature	8	−1.166	0.277
Particulate primary production ($\mu mol\,C\,L^{-1}$)	Temperature	8	−0.124	0.905
	pCO_2	8	−1.011	0.342
	$pCO_2 \times$ temperature	8	0.867	0.411
Dissolved primary production ($\mu mol\,C\,L^{-1}$)	Temperature	8	−1.429	0.191
	pCO_2	8	−0.569	0.585
	$pCO_2 \times$ temperature	8	0.723	0.490
Chl a-normalized particulate primary production ($\mu mol\,C\,(\mu g\,Chl\,a)^{-1}\,d^{-1}$)	Temperature	8	1.689	0.130
	pCO_2	8	0.107	0.918
	$pCO_2 \times$ temperature	8	−0.381	0.713
Chl a-normalized dissolved primary production ($\mu mol\,C\,(\mu g\,Chl\,a)^{-1}\,d^{-1}$)	Temperature	8	−1.046	0.326
	pCO_2	8	−0.381	0.713
	$pCO_2 \times$ temperature	8	0.449	0.665