

Record 1	Record 2	CO ₂ time shift (years)	Pre-whitened r^2	Pre-whitened p value
Global mean $\delta^{13}\text{C}$ stack	Deep Pacific $\delta^{13}\text{C}$ stack	0	0.46	0.05
CO ₂	Deep Pacific $\delta^{13}\text{C}$ stack	0	0.57	0.02
CO ₂	Global $\delta^{13}\text{C}$ stack	0	0.28	0.16
CO ₂	Global $\delta^{13}\text{C}$ stack	-600	0.39	0.09
CO ₂	$\Delta\delta^{13}\text{C}_{\text{I-D}}$	0	-0.51	0.03
CO ₂	$\Delta\delta^{13}\text{C}_{\text{I-D}}$	-400	-0.66	0.006
CO ₂	$\Delta\delta^{13}\text{C}_{(\text{INA}/2)\text{-DP}}$	0	-0.69	0.003
CO ₂	$\Delta\delta^{13}\text{C}_{(\text{INA}/2)\text{-DP}}$	-400	-0.78	0.0006