

Figure R1: York regression analysis of the relationships between (a) skeletal $\delta^{13}\text{C}$ vs. SST and (b) skeletal $\delta^{13}\text{C}$ vs. $\delta^{44/42}\text{Ca}$.

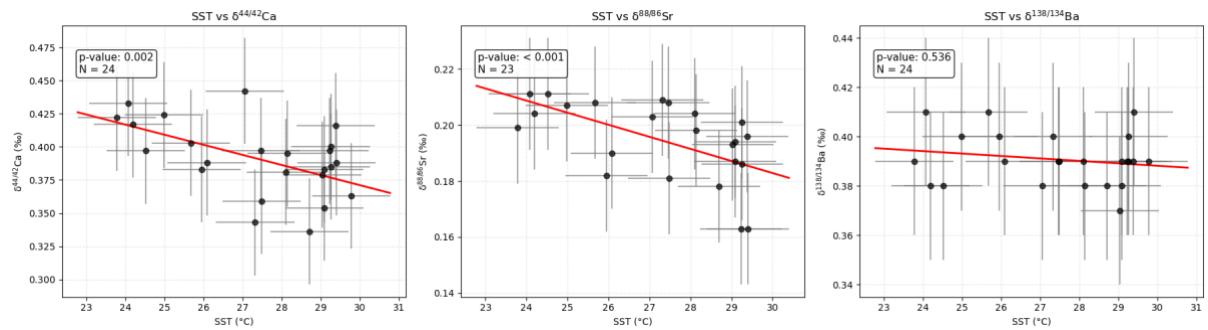


Figure R2: York regression analysis of the relationships between (a) skeletal $\delta^{44/42}\text{Ca}$ vs. SST (b) skeletal $\delta^{88}\text{Sr}$ vs. SST and (c) skeletal $\delta^{138}\text{Ba}$ vs. SST.