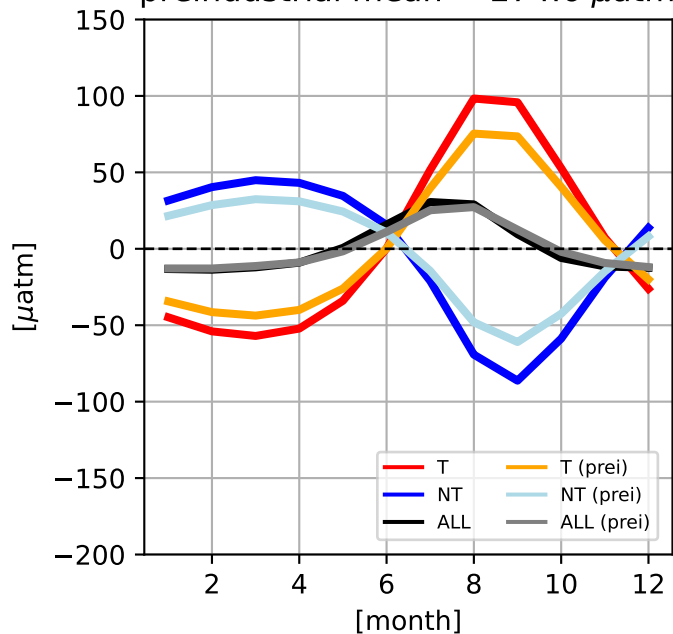


WSPG (1985-2018 mean)

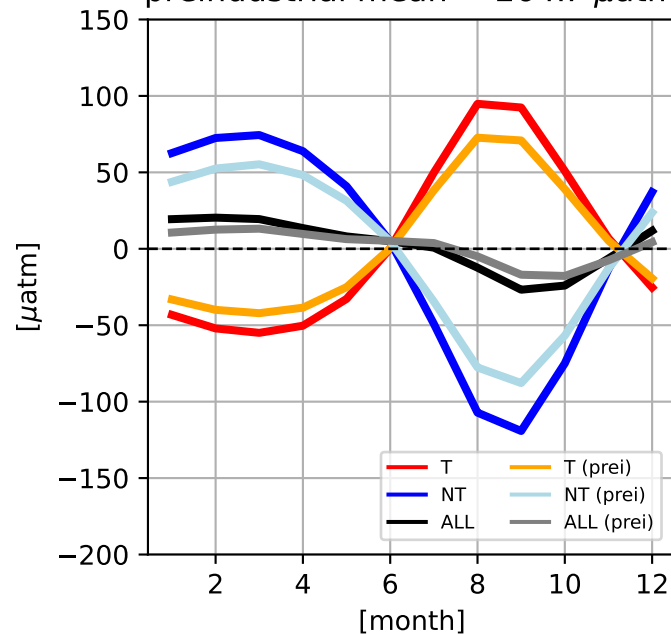
Exp1 ($a_{\text{bio}} = 0.2$)

(a) pCO_2
contemporary mean = $361.5 \mu\text{atm}$
preindustrial mean = $274.6 \mu\text{atm}$



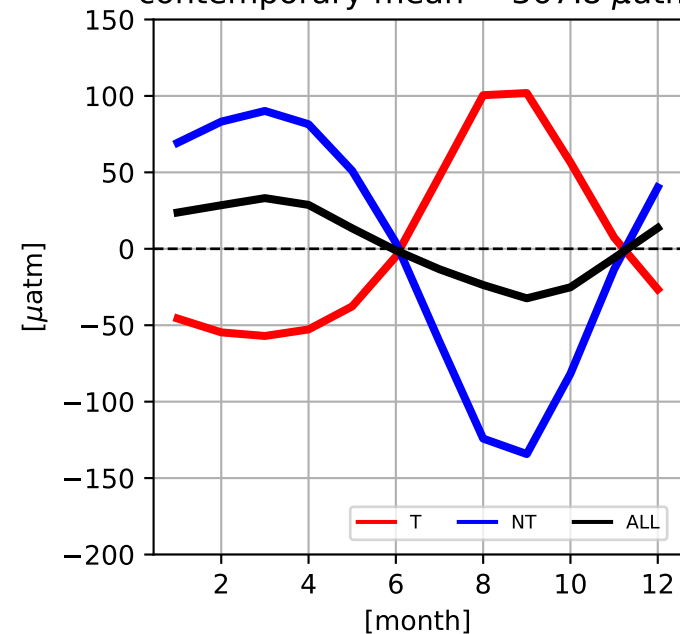
Exp3 ($a_{\text{bio}} = 0.6 + \text{Fe}$)

(b) pCO_2
contemporary mean = $348.5 \mu\text{atm}$
preindustrial mean = $264.7 \mu\text{atm}$

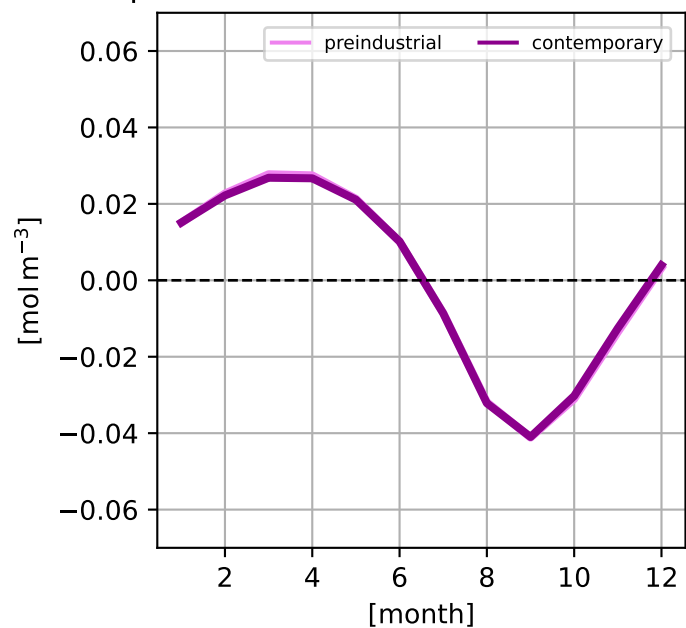


JMA-MLR

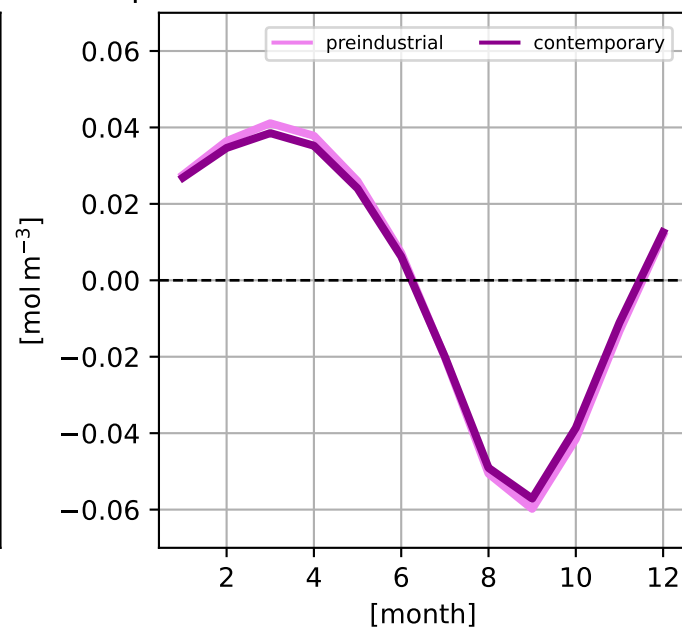
(c) pCO_2
contemporary mean = $367.8 \mu\text{atm}$



(d) DIC
contemporary mean = 2.043 mol m^{-3}
preindustrial mean = 2.001 mol m^{-3}



(e) DIC
contemporary mean = 2.028 mol m^{-3}
preindustrial mean = 1.985 mol m^{-3}



(f) DIC

contemporary mean = 2.128 mol m^{-3}

