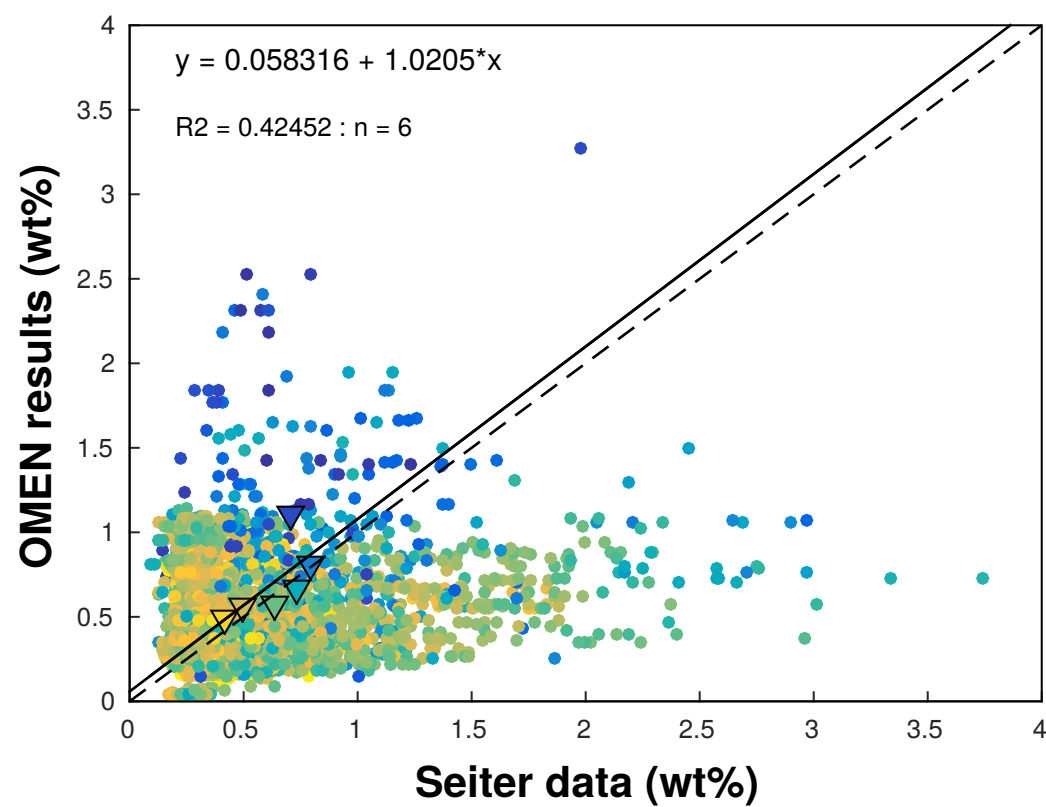
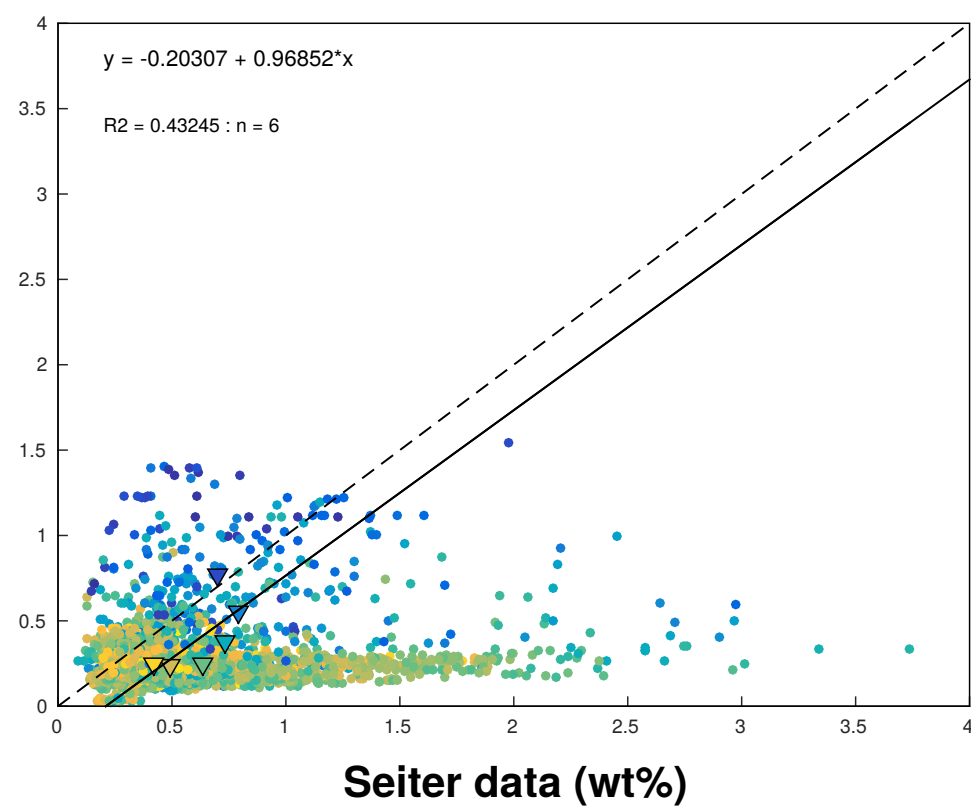


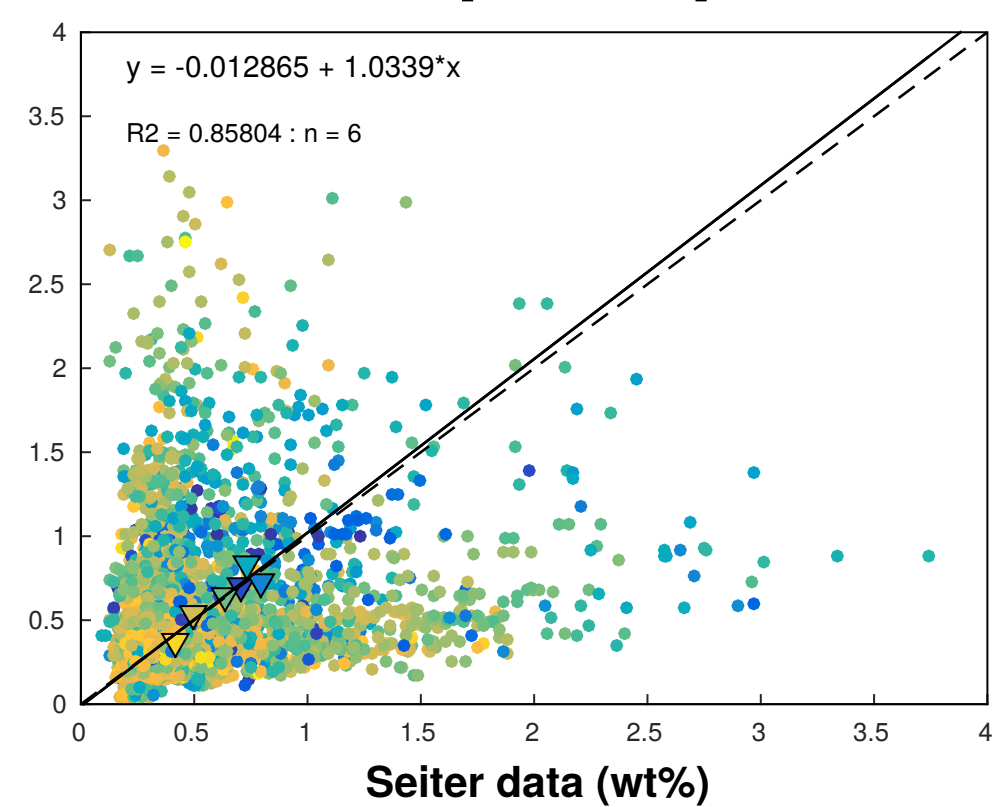
Invariant k:
 $k_2 = 0.0045$, $k_1 = 4 \cdot k_2$



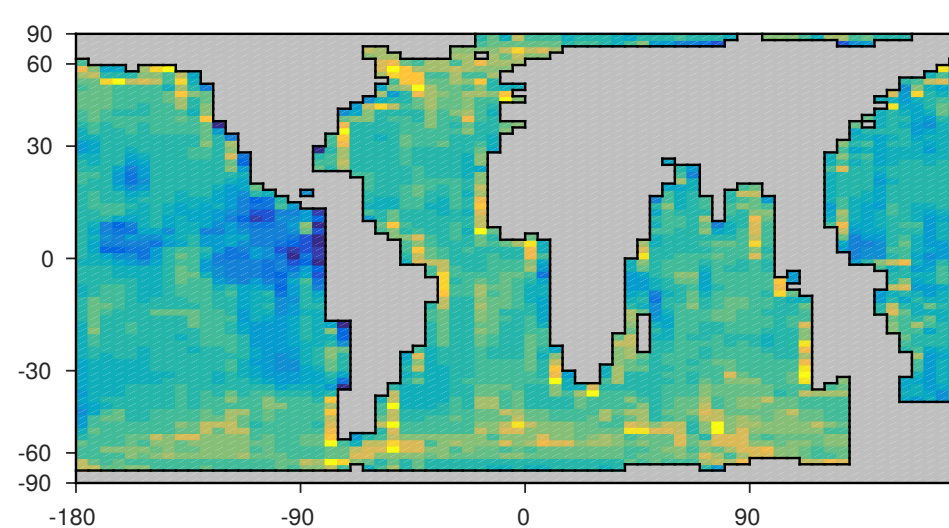
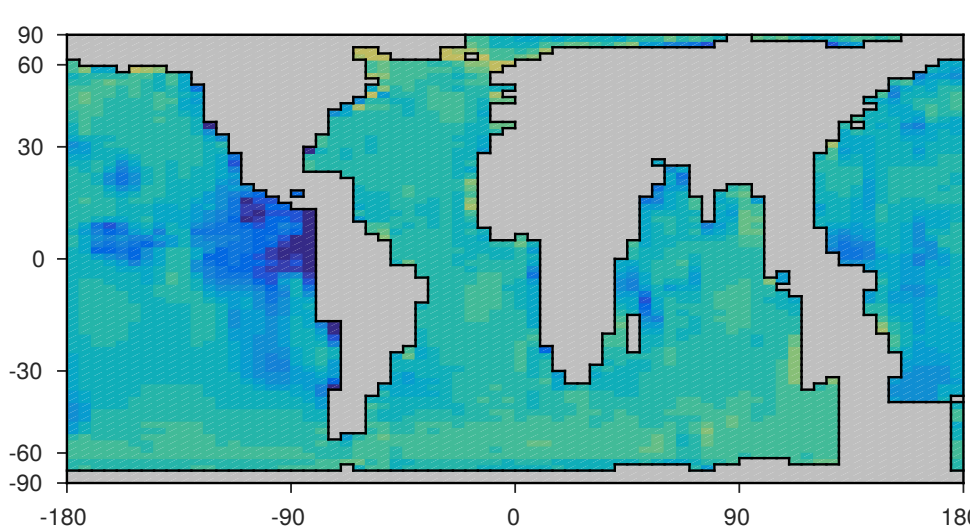
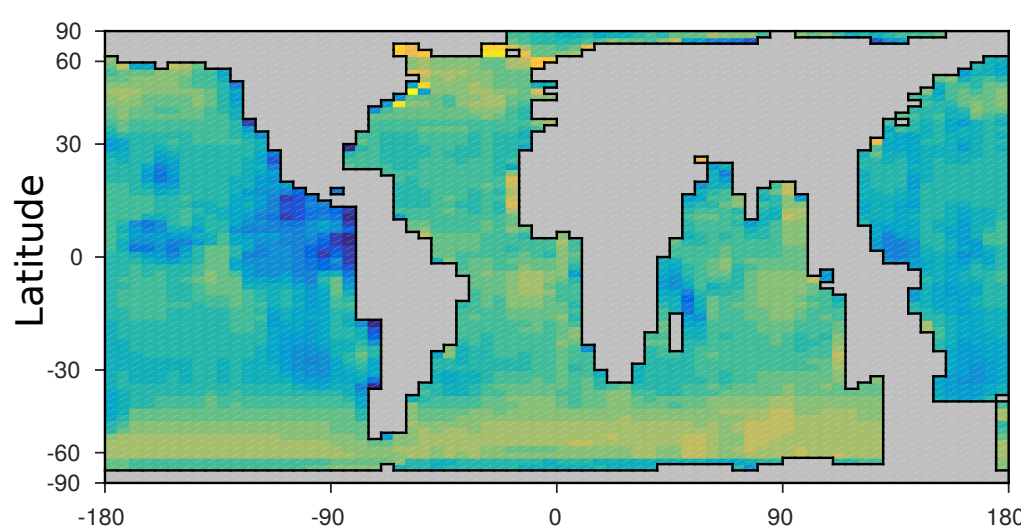
Boudreau $k_2 = k_1/5$



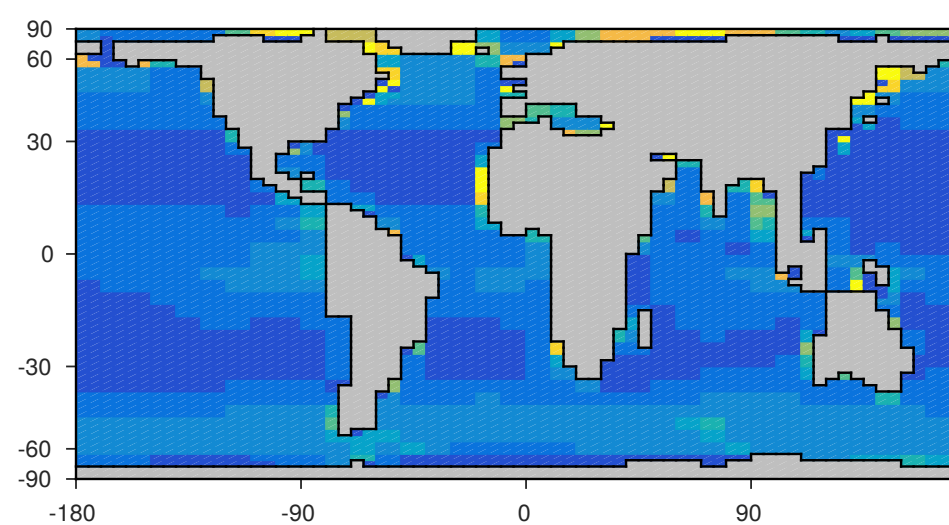
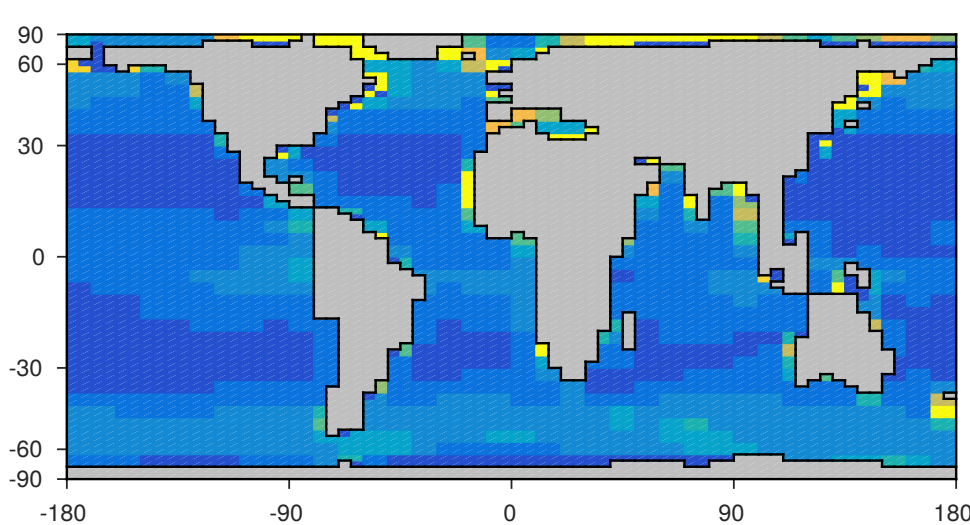
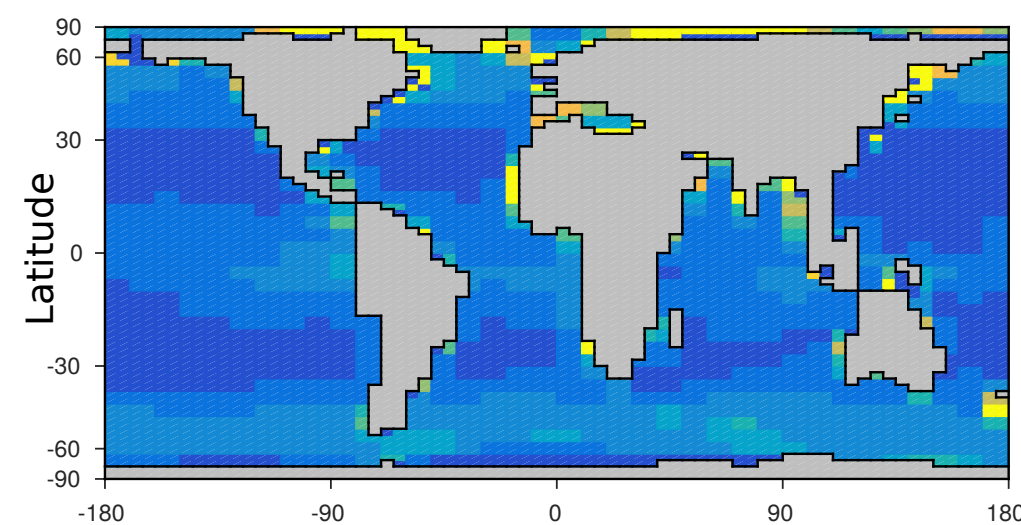
Boudreau
 $k_2 \sim k_1$ depth dependent



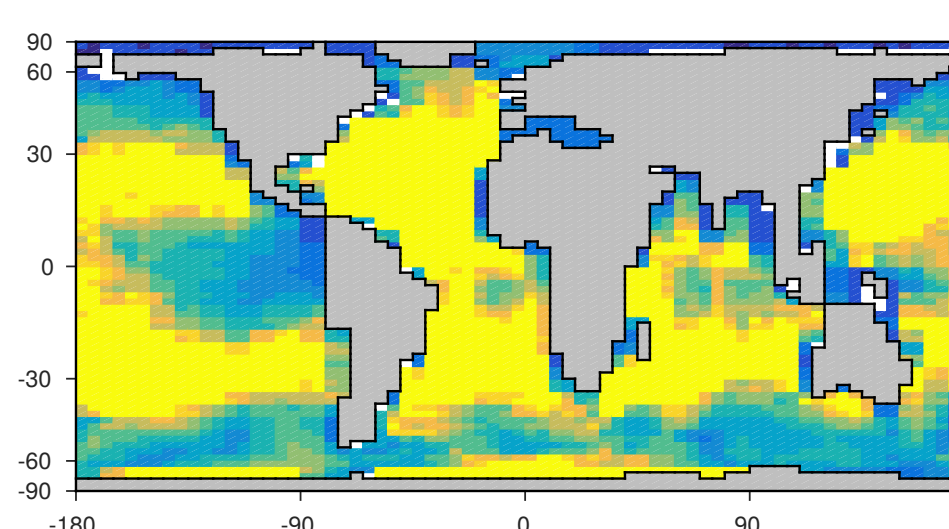
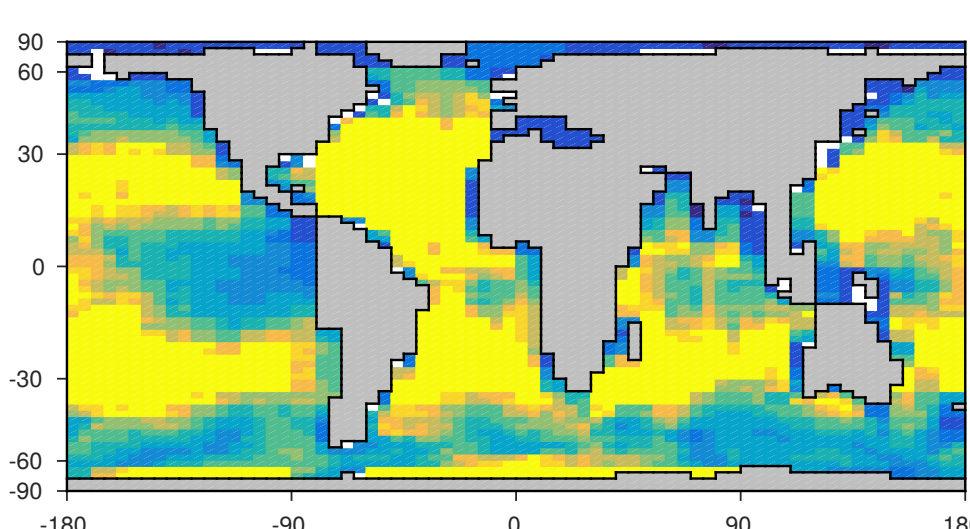
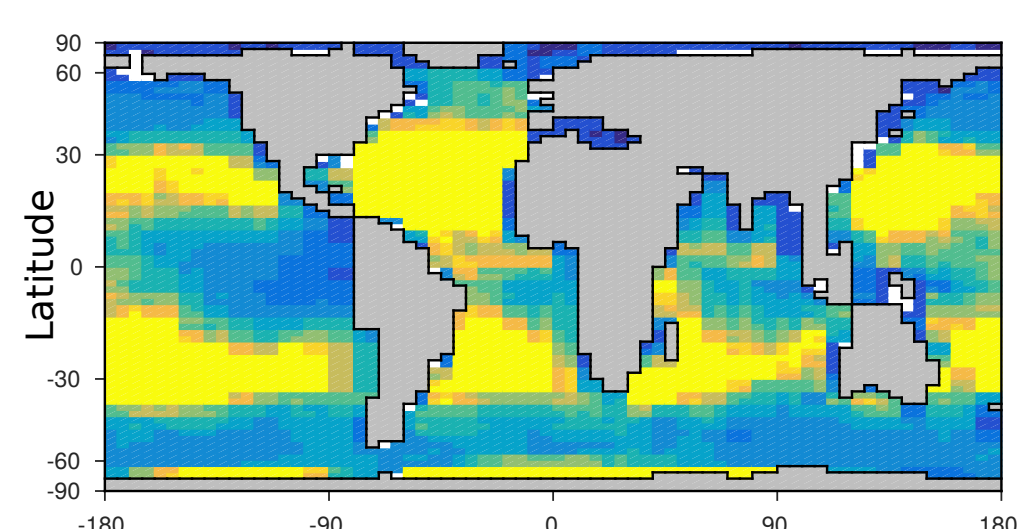
Anomaly mean POC wt%



Total Cox rate



Fraction of aerobic Cox



Oxygen penetration depth

