a) DIN (mmol m$^{-3}$)

b) PHY_T (mmol m$^{-3}$)

c) Chl (mg m$^{-3}$)

d) $V_N$ (mmol m$^{-3}$)$^2$

e) $V_P$ (mmol m$^{-3}$)$^2$

f) $COV_{NP}$ (mmol m$^{-3}$)$^2$

Depth (m)

Modelled seasonal patterns at S1