

## Supplementary Material

### Seasonal primary production at the EPEA station, southwestern Atlantic: relationships with phytoplankton composition and environmental properties

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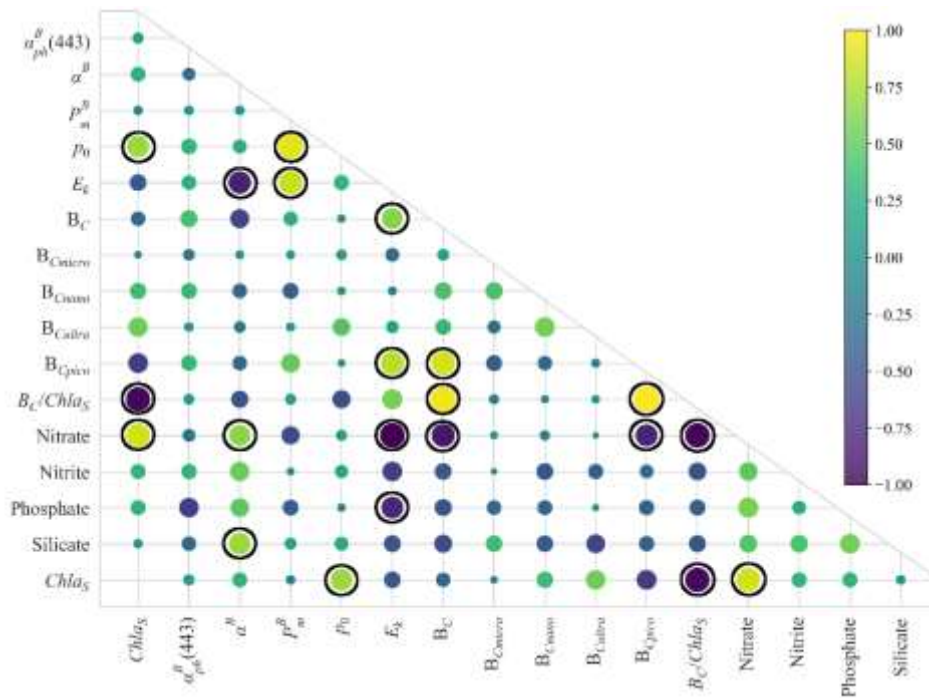


Figure S1. Spearman correlation matrix between nutrient concentrations (nitrate, nitrite, phosphate, silicate) and biological variables ( $Chla_S$ ,  $\alpha^B_{ph(443)}$ ,  $\alpha^B$ ,  $P^B_m$ ,  $E_k$ ,  $P_0$ ,  $B_C$ ,  $B_{Cmicro}$ ,  $B_{Cnano}$ ,  $B_{Cultra}$ ,  $B_{Cpico}$ ,  $B_C/Chla_S$ ) at surface in the EPEA<sub>pp</sub>. Circle size and color represent the strength and sign of the correlation, from -1 (dark purple) to +1 (yellow), as indicated by the color scale. Circles with a black outline indicate statistically significant correlations.