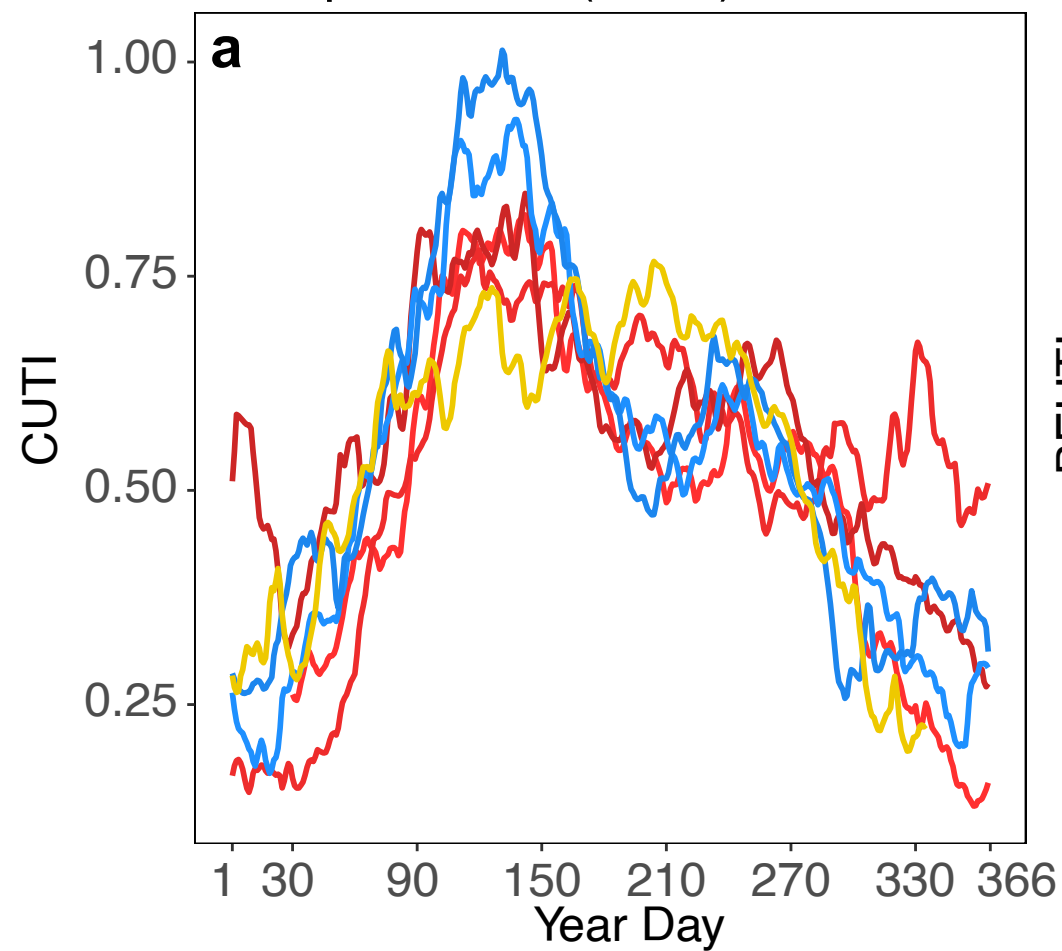
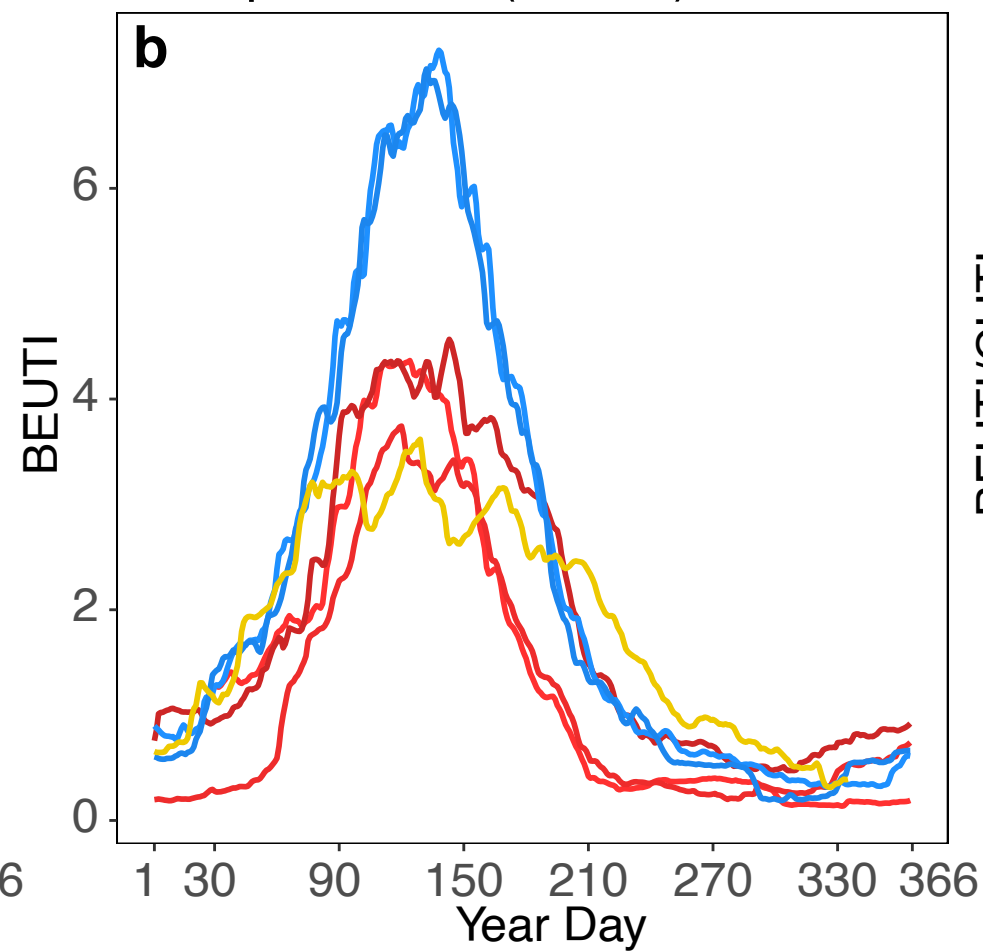


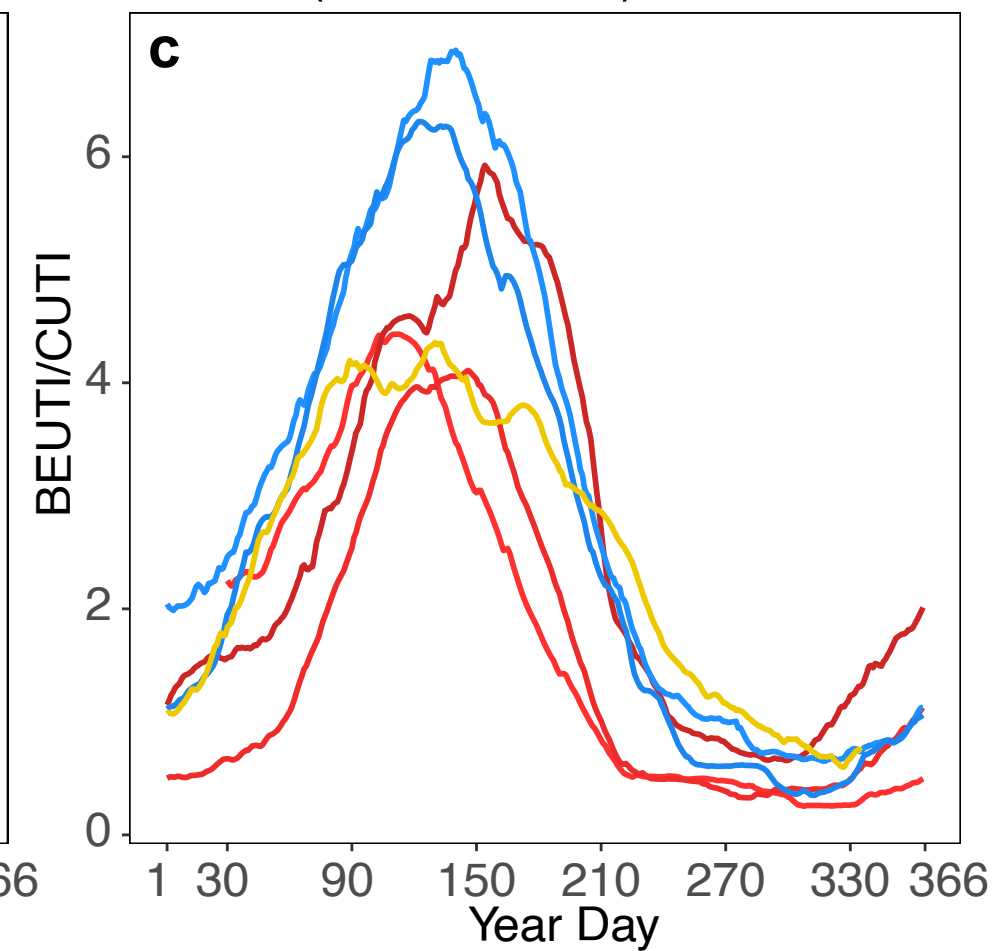
Coastal Upwelling
Transport Index (CUTI)



Biologically Effective Upwelling
Transport Index (BEUTI)



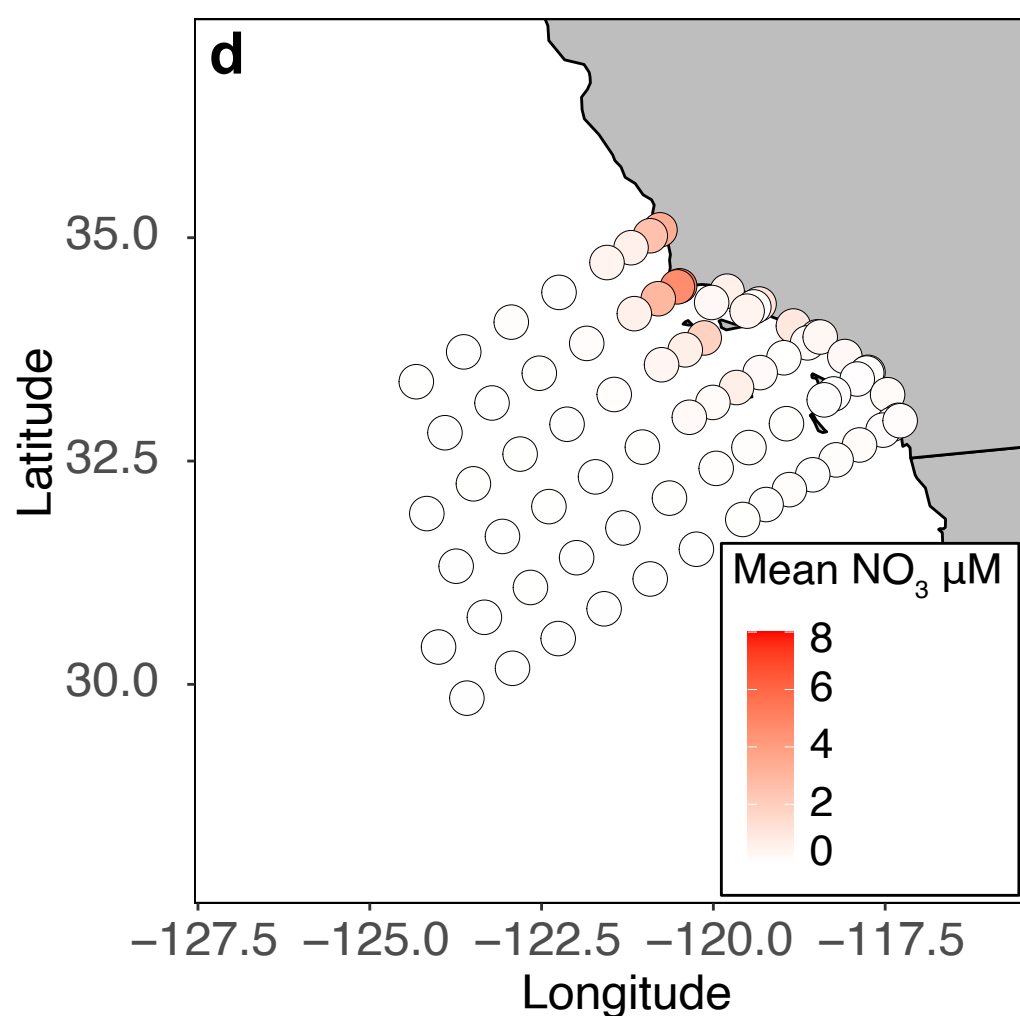
Regionally available
nitrate (BEUTI/CUTI)



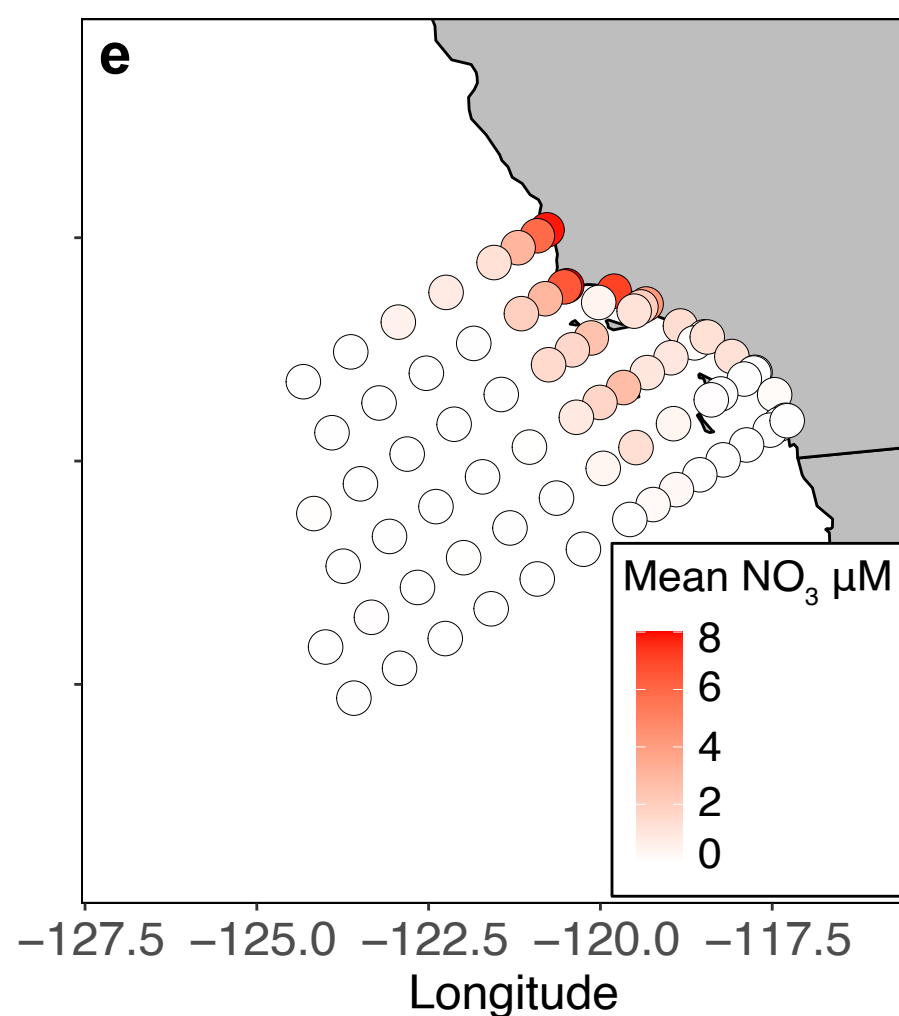
Year

- 2014
- 2015
- 2016
- 2017
- 2018
- 2019

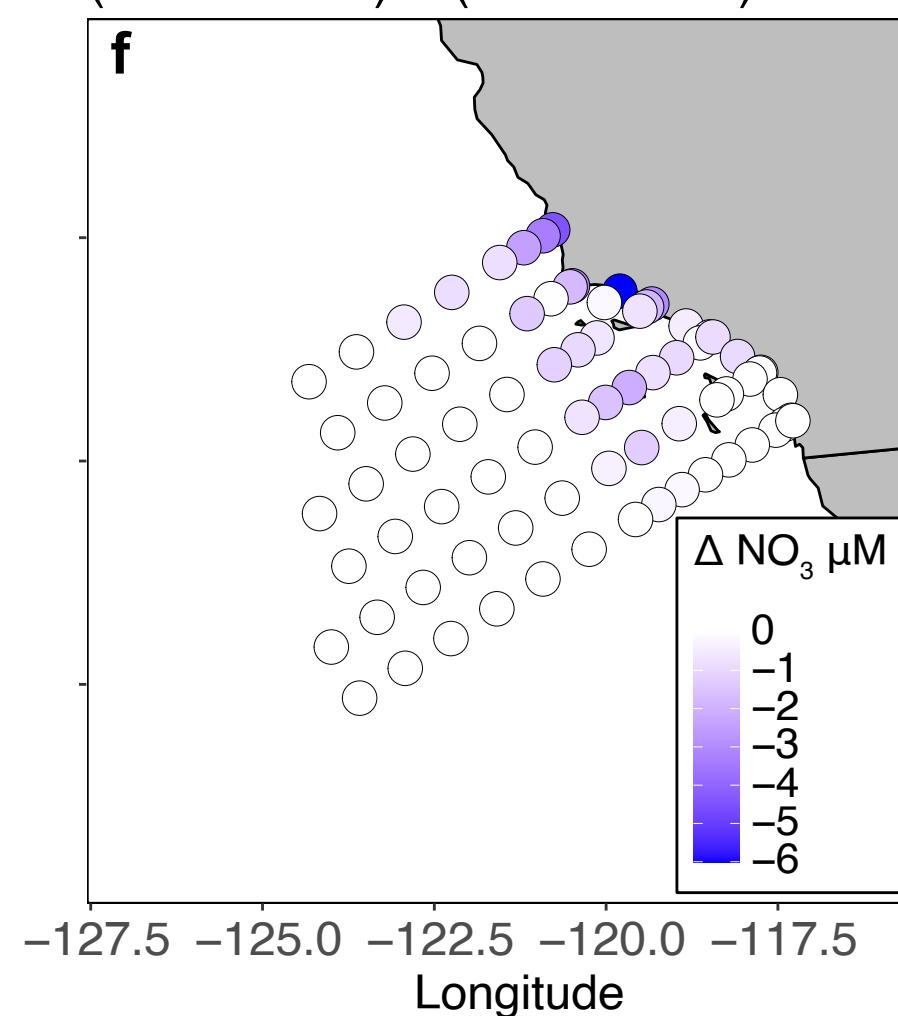
Mean nitrate μM (2014–2016)



Mean nitrate μM (2017–2018)

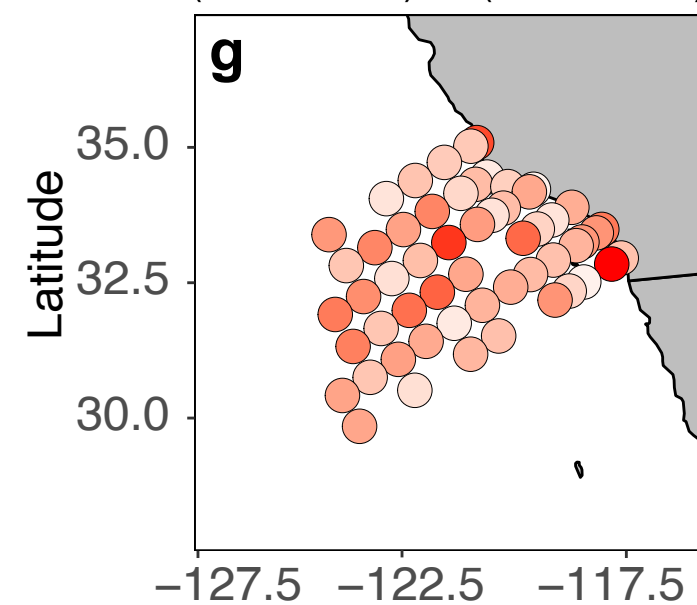


Changes in mean nitrate μM
(2014–2016) – (2017–2018)



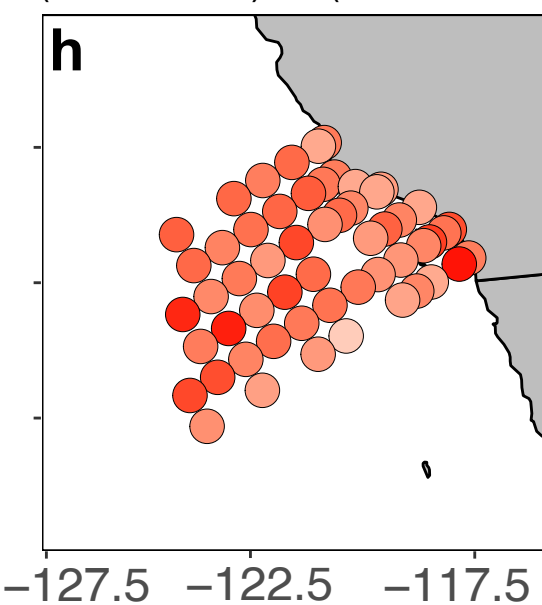
Archaea
Surface

(2014–2016) vs (2017–2018)



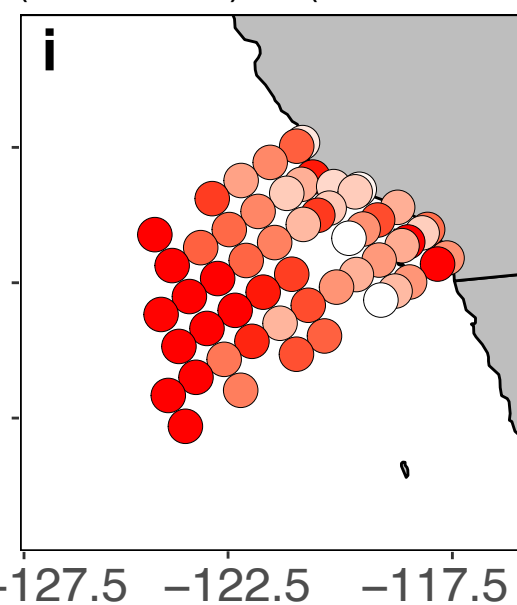
Bacteria
Surface

(2014–2016) vs (2017–2018)



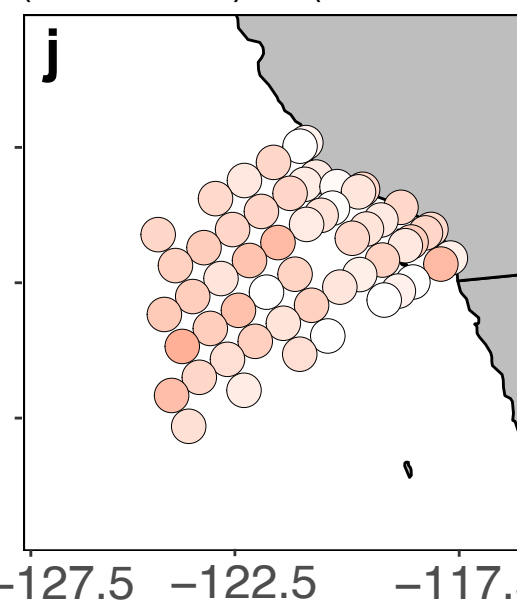
Cyanobacteria
Surface

(2014–2016) vs (2017–2018)



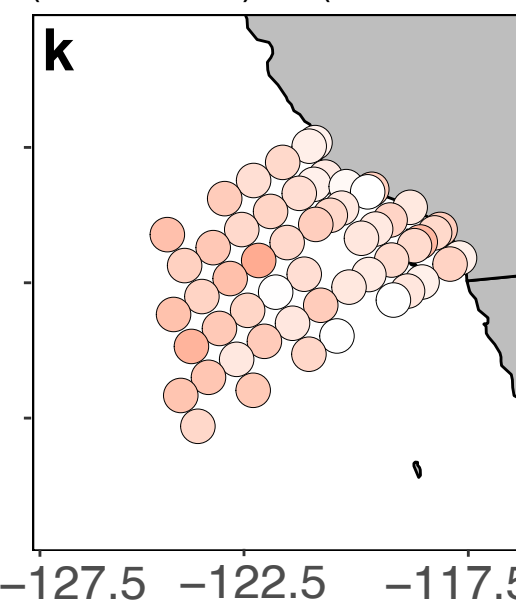
Photosynthetic
Eukaryotic Protists
Surface

(2014–2016) vs (2017–2018)



Heterotrophic Eukaryotic
Protists
Surface

(2014–2016) vs (2017–2018)



Bray–Curtis
Similarity

- 0.6
- 0.5
- 0.4
- 0.3
- 0.2