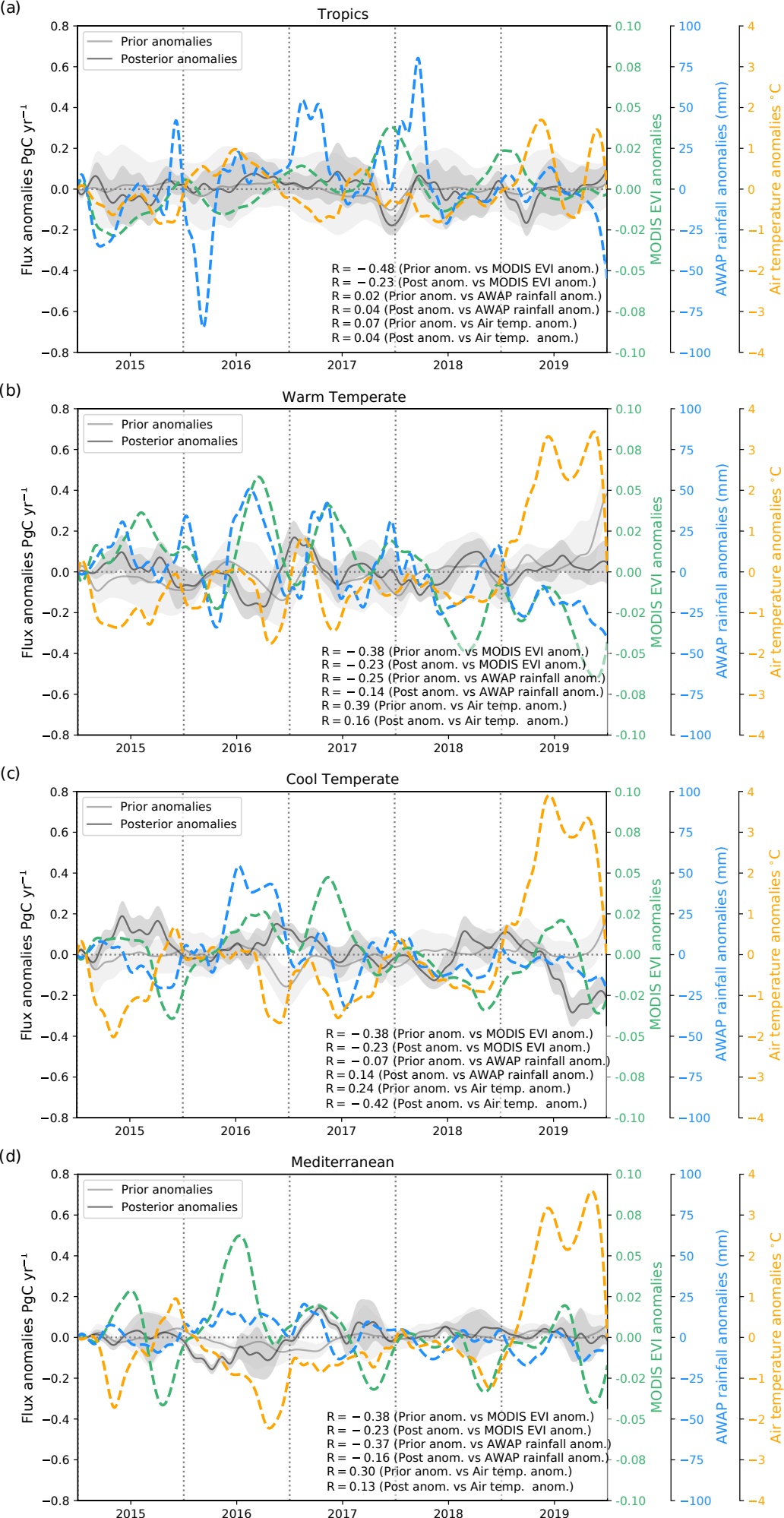
(a)
Tropics
Prior anomalies
Posterior anomalies
R = −0.48 (Prior anom. vs MODIS EVI anom.)
R = −0.23 (Post anom. vs MODIS EVI anom.)
R = 0.02 (Prior anom. vs AWAP rainfall anom.)
R = 0.04 (Post anom. vs AWAP rainfall anom.)
R = 0.07 (Prior anom. vs Air temp. anom.)
R = 0.04 (Post anom. vs Air temp. anom.)
(b)
Warm Temperate
Prior anomalies
Posterior anomalies
R = −0.38 (Prior anom. vs MODIS EVI anom.)
R = −0.23 (Post anom. vs MODIS EVI anom.)
R = −0.25 (Prior anom. vs AWAP rainfall anom.)
R = −0.14 (Post anom. vs AWAP rainfall anom.)
R = 0.39 (Prior anom. vs Air temp. anom.)
R = 0.16 (Post anom. vs Air temp. anom.)
(c)
Cool Temperate
Prior anomalies
Posterior anomalies
R = −0.38 (Prior anom. vs MODIS EVI anom.)
R = −0.23 (Post anom. vs MODIS EVI anom.)
R = −0.07 (Prior anom. vs AWAP rainfall anom.)
R = 0.14 (Post anom. vs AWAP rainfall anom.)
R = 0.24 (Prior anom. vs Air temp. anom.)
R = −0.42 (Post anom. vs Air temp. anom.)
(d)
Mediterranean
Prior anomalies
Posterior anomalies
R = −0.38 (Prior anom. vs MODIS EVI anom.)
R = −0.23 (Post anom. vs MODIS EVI anom.)
R = −0.37 (Prior anom. vs AWAP rainfall anom.)
R = −0.16 (Post anom. vs AWAP rainfall anom.)
R = 0.30 (Prior anom. vs Air temp. anom.)
R = 0.13 (Post anom. vs Air temp. anom.)
Flux anomalies PgC yr−1
MODIS EVI anomalies
AWAP rainfall anomalies (mm)
Air temperature anomalies °C
2015
2016
2017
2018
2019