Supplementary Information: Predicting decadal trends in cloud droplet number concentration using reanalysis and satellite data

Daniel T. McCoy[1*], Frida A.-M. Bender[2], Daniel P. Grosvenor[1], Johannes K. Mohrmann[3], Dennis L. Hartmann[3], Robert Wood[3], Paul R. Field[1,4]

[1]University of Leeds, Leeds, LS2 9JT, UK, [2]Stockholm University, Stockholm, 114 18, Sweden
[3]University of Washington, Seattle, 98195, USA [4]MetOffice, Exeter, EX1 3PB, UK

Correspondence to: Daniel T. McCoy (d.t.mccoy@leeds.ac.uk)

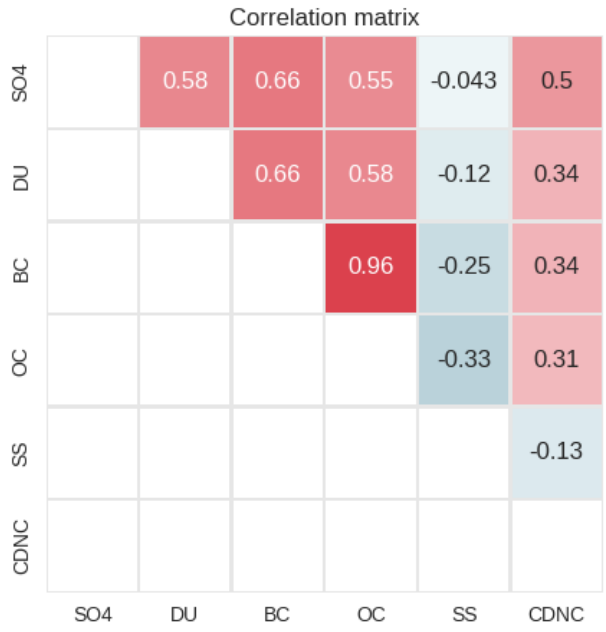

Fig. S 1 Linear correlations between different predictors used in the regression analysis. Note that correlations are between the $\log_{10}$ of each variable for consistency with the regression model.

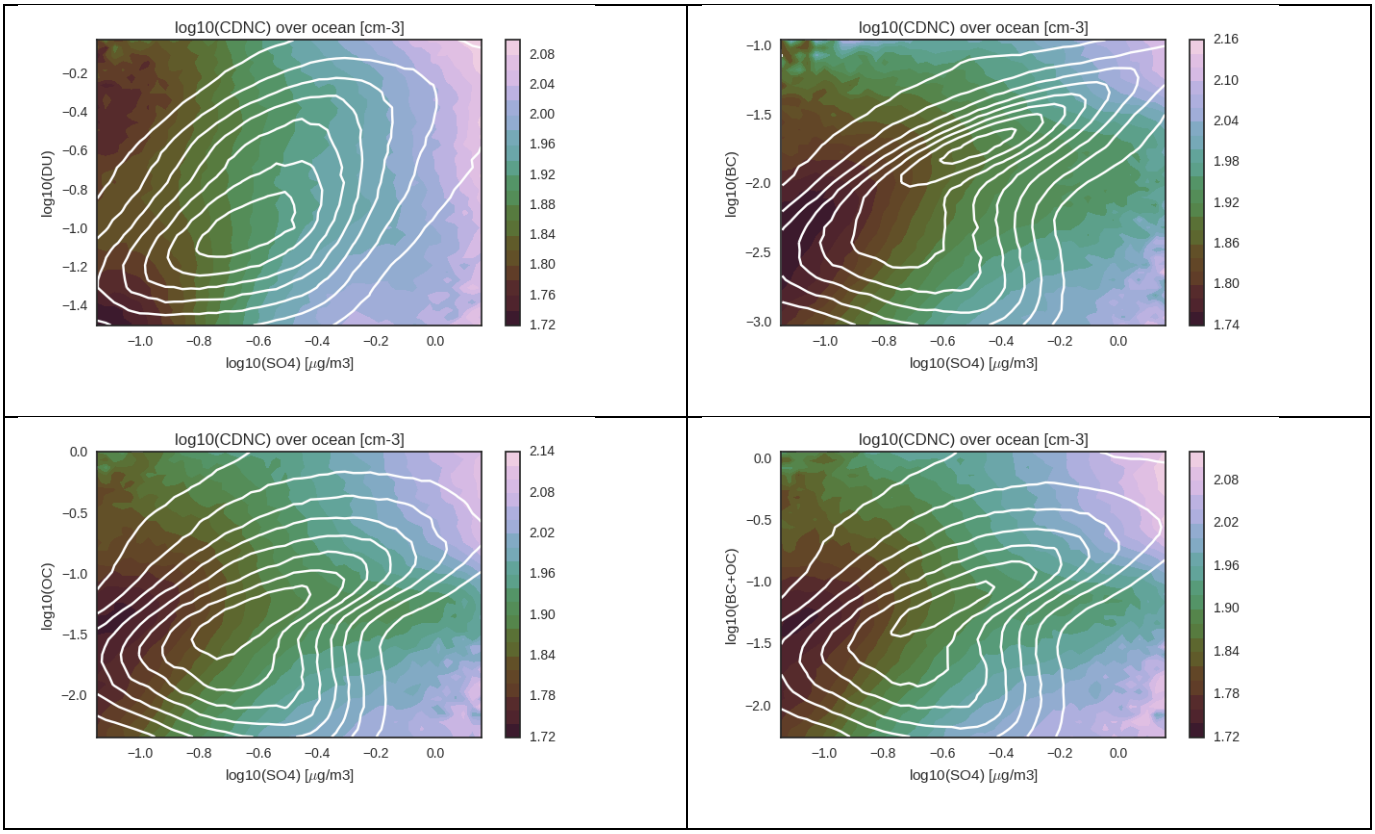

Fig. S 2 As in Figure 4, but for dust, black carbon, organic carbon, and the sum of black and organic carbon.

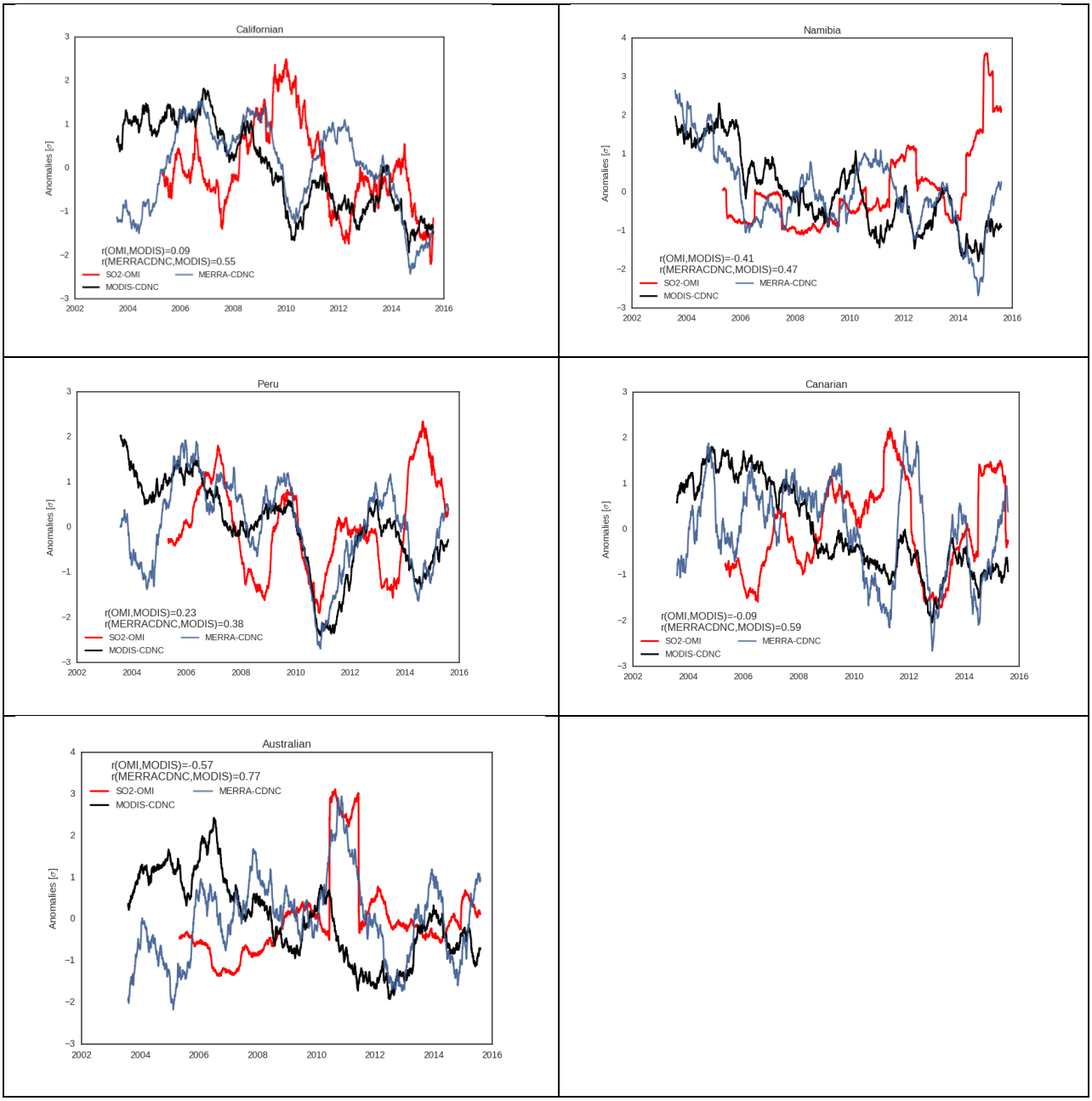

Fig. S 3 As in Figure 5, but corresponding to the stratocumulus regions.

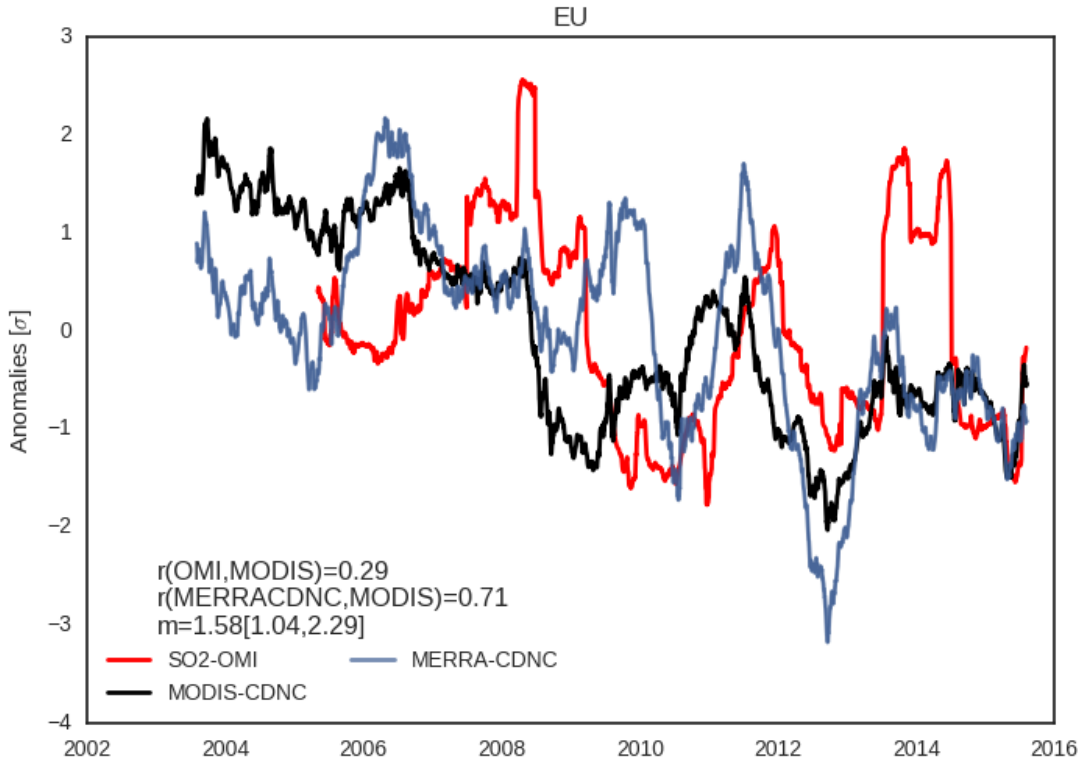

Fig. S 4 As in Figure 5, but for the European Union region. This region corresponds to the land area 35°N-71°N, 10°W-31°E and the ocean area 35°N-71°N, 31°W-31°E.