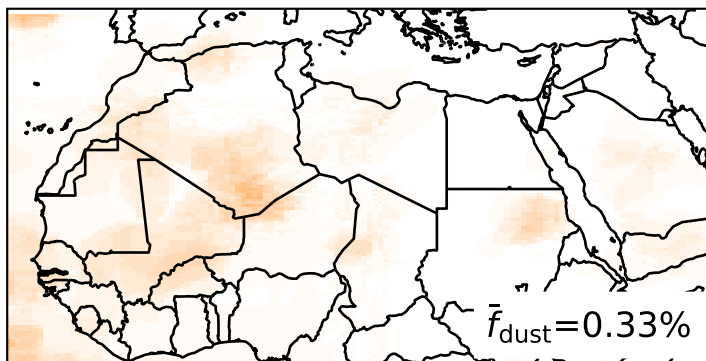
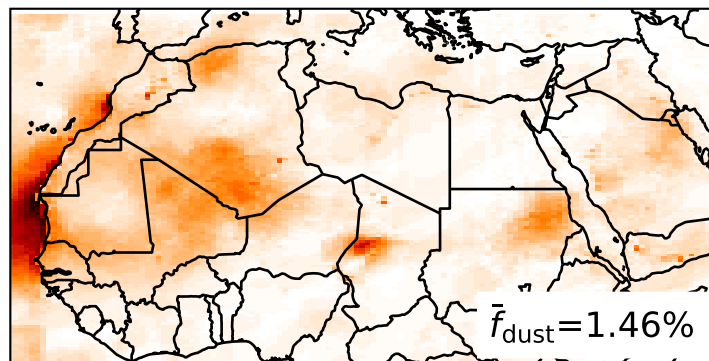


# Dust occurrence frequency (%) at 12 UTC (2021)

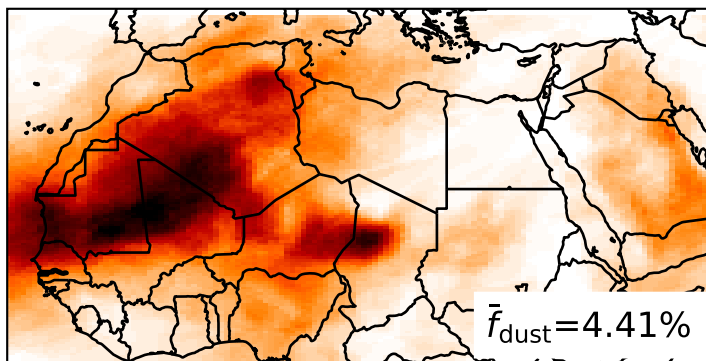
a) reconstruction,  $\Delta E_{\text{cut}} = 20$



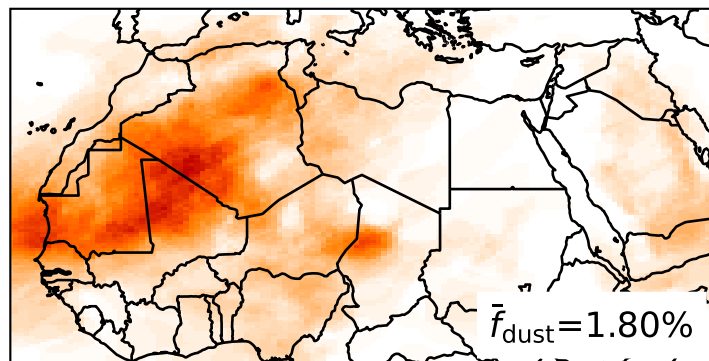
b) reconstruction,  $\Delta E_{\text{cut}} = 51.9$



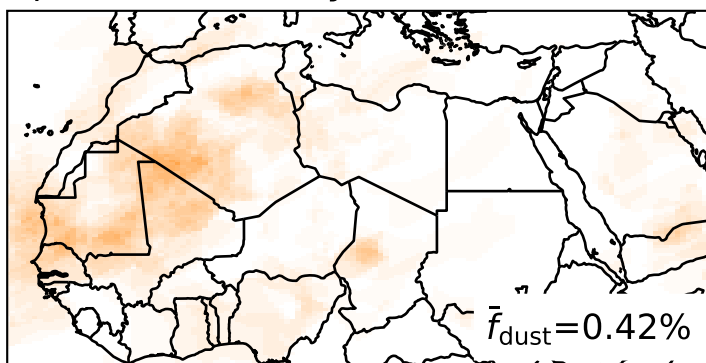
c) CAMS reanalysis, AOD  $\geq 0.5$



d) CAMS reanalysis, AOD  $\geq 0.65$



e) CAMS reanalysis, AOD  $\geq 0.9$



f) CAMS reanalysis, AOD  $\geq 1.1$

