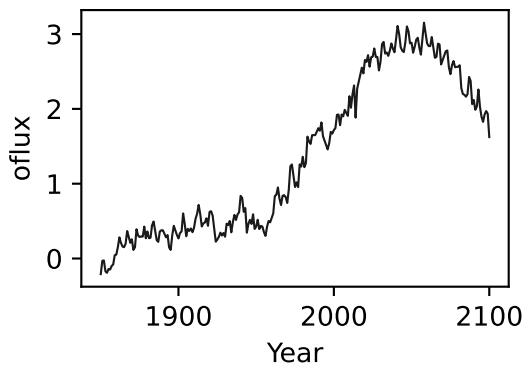
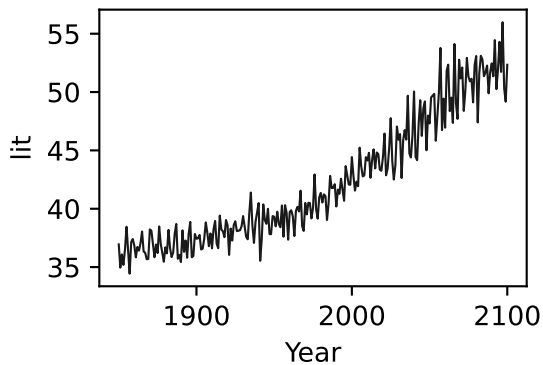
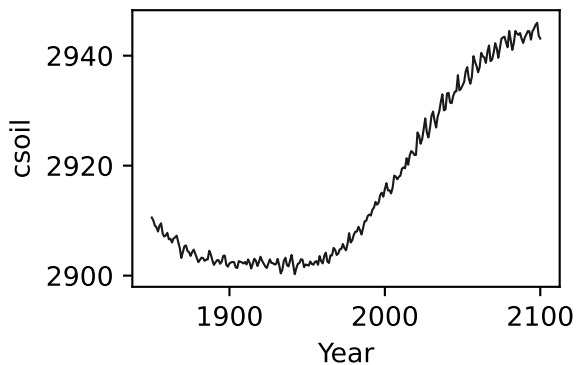
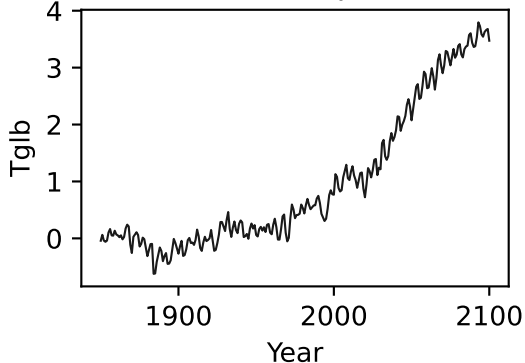


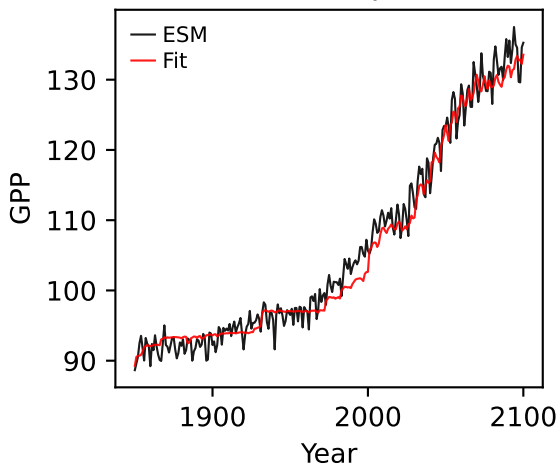
CMCC-ESM2, ssp245, GPP



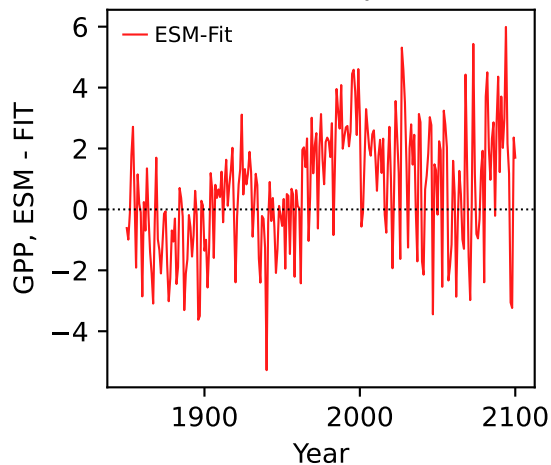
CMCC-ESM2, ssp245, GPP



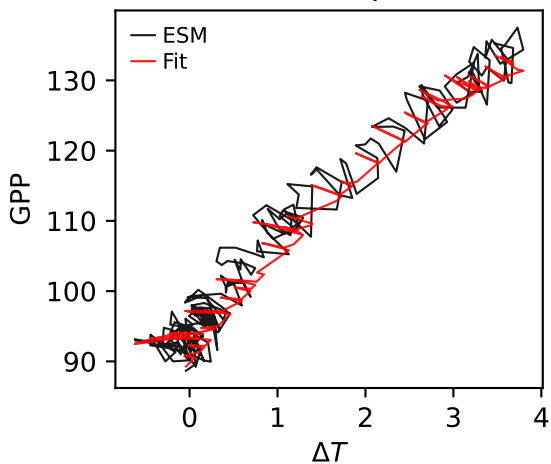
CMCC-ESM2, ssp245, GPP



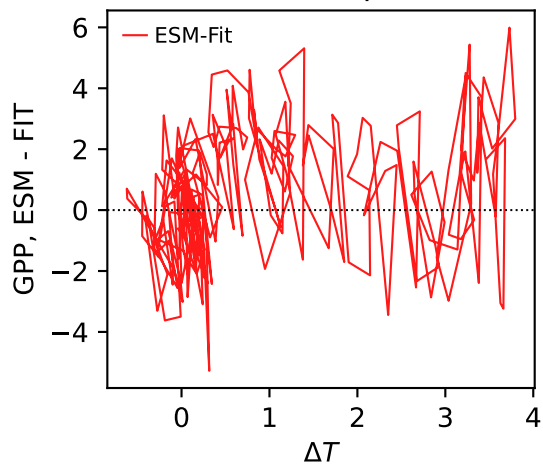
CMCC-ESM2, ssp245, GPP



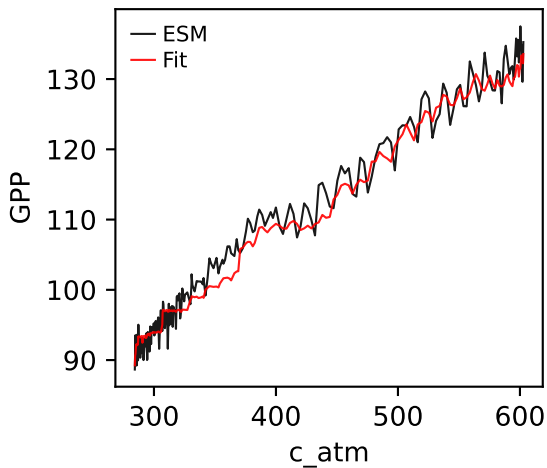
CMCC-ESM2, ssp245, GPP



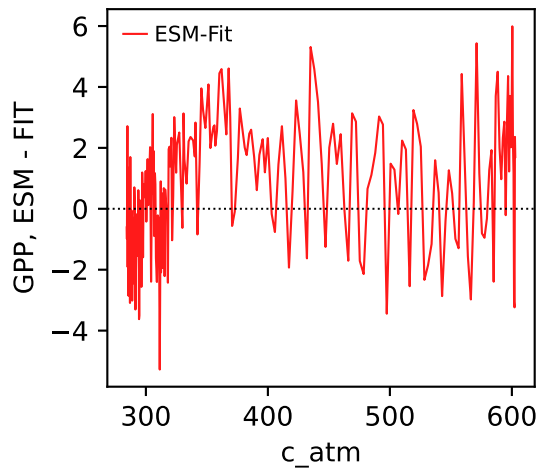
CMCC-ESM2, ssp245, GPP



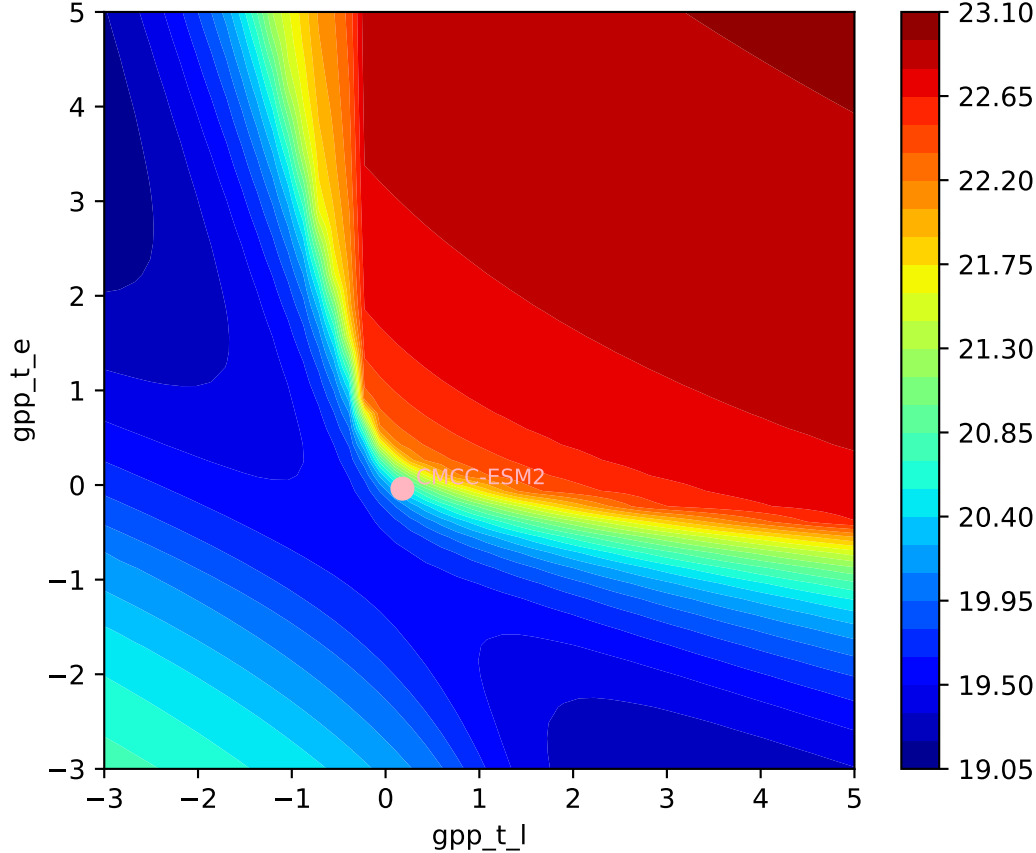
CMCC-ESM2, ssp245, GPP



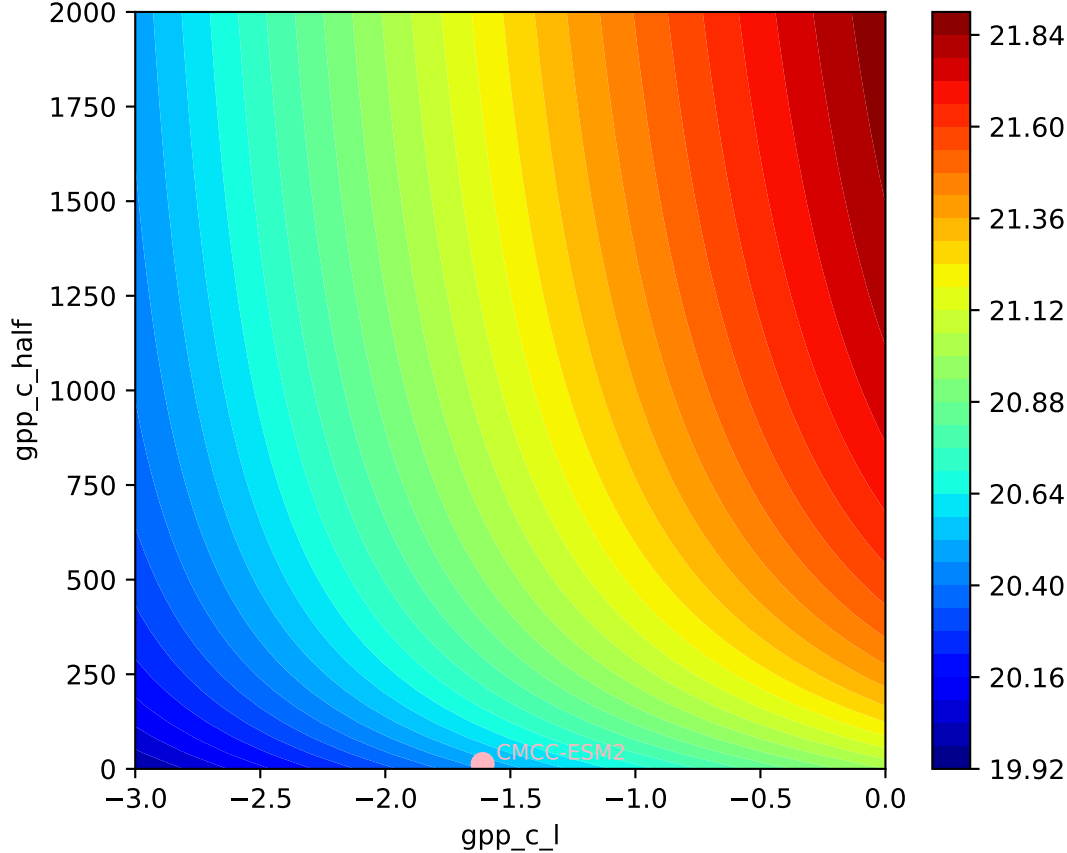
CMCC-ESM2, ssp245, GPP

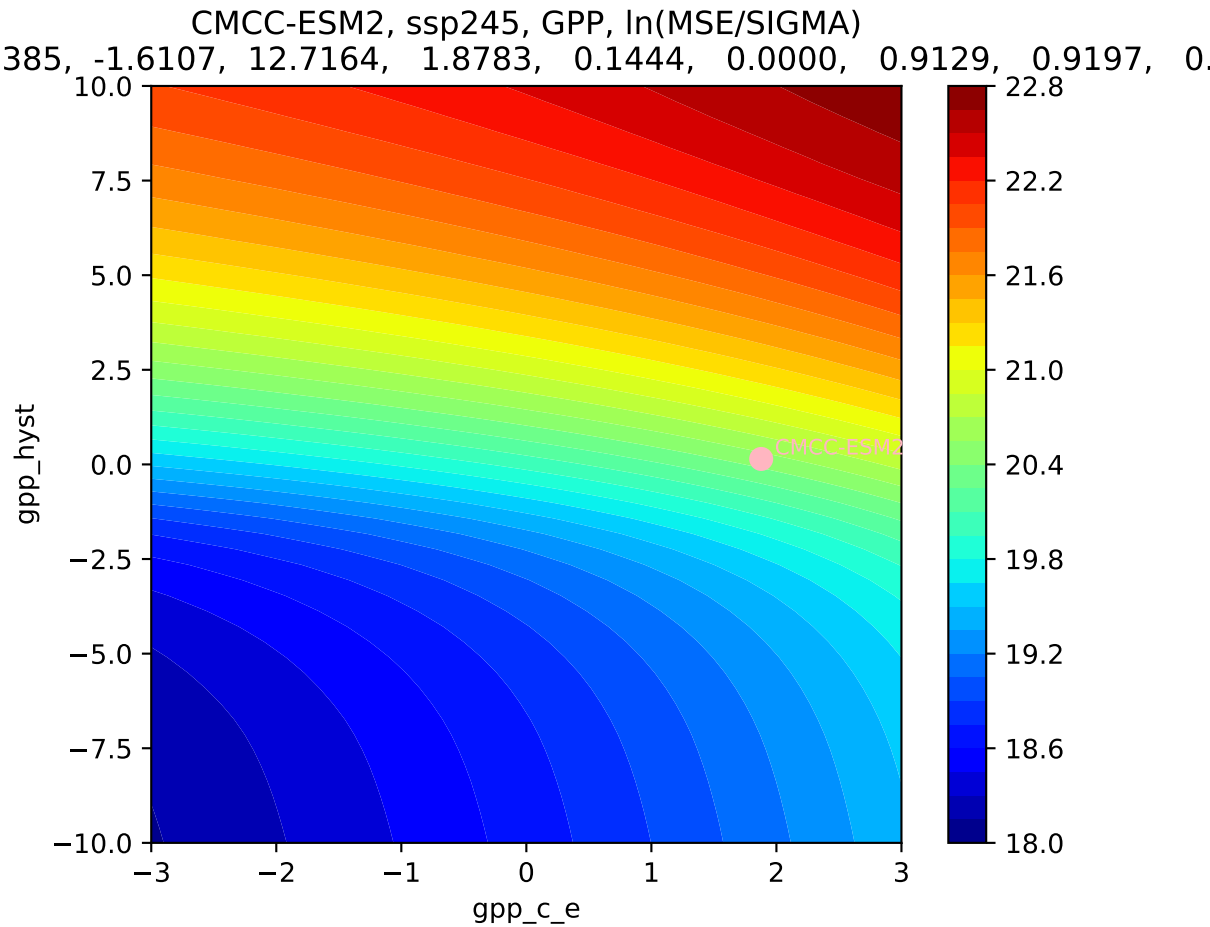


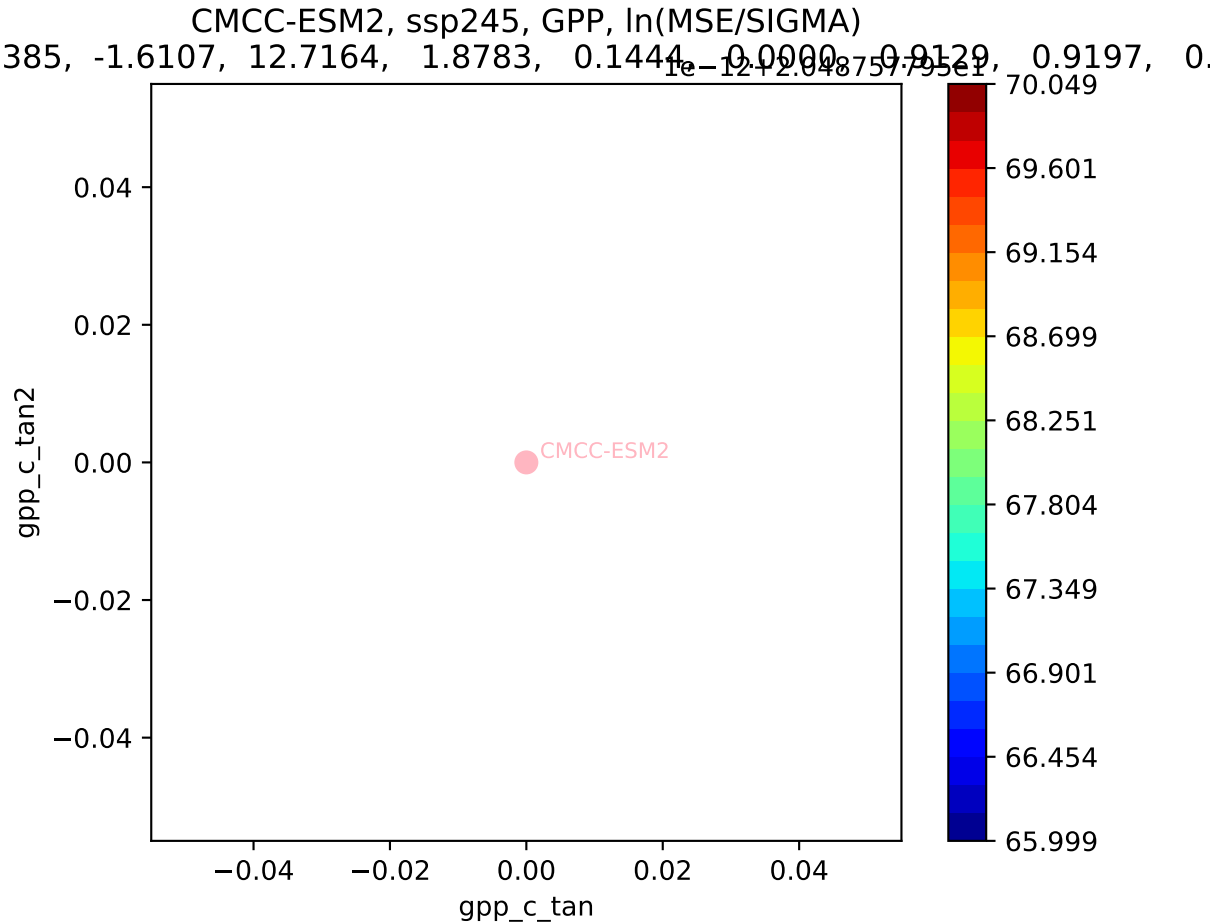
CMCC-ESM2, ssp245, GPP, $\ln(\text{MSE}/\text{SIGMA})$
385, -1.6107, 12.7164, 1.8783, 0.1444, 0.0000, 0.9129, 0.9197, 0.

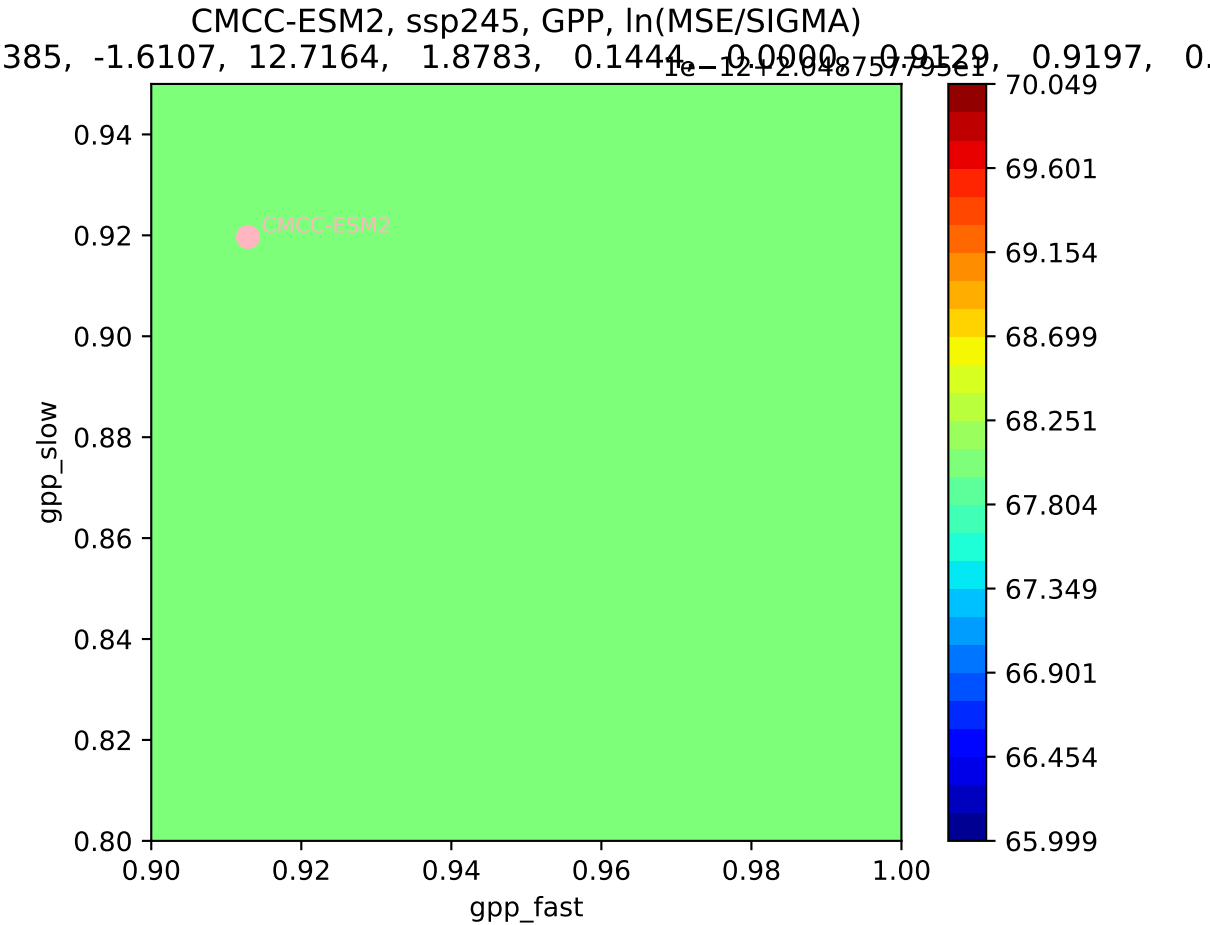


CMCC-ESM2, ssp245, GPP, $\ln(\text{MSE}/\text{SIGMA})$
385, -1.6107, 12.7164, 1.8783, 0.1444, 0.0000, 0.9129, 0.9197, 0.

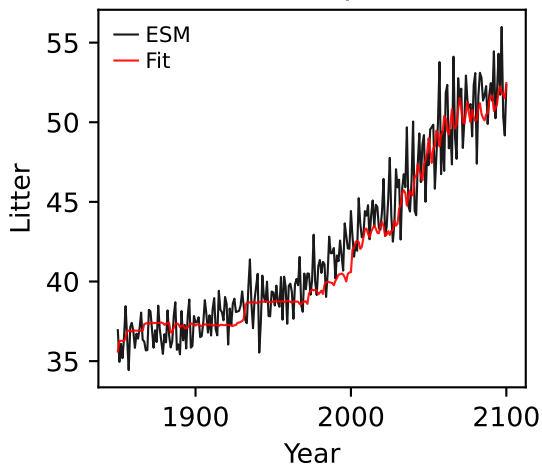




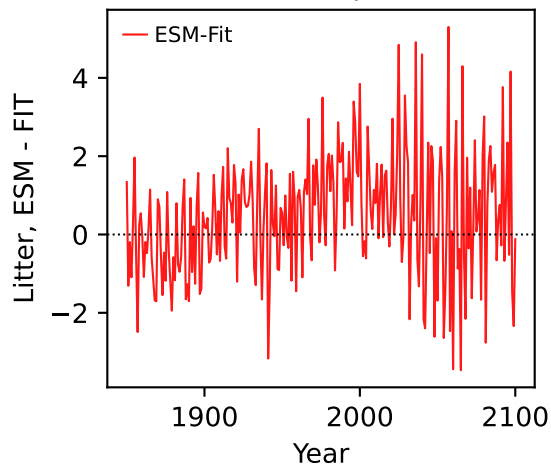




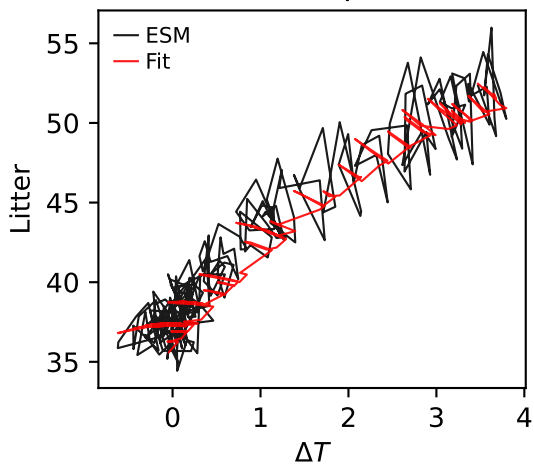
CMCC-ESM2, ssp245, Litter



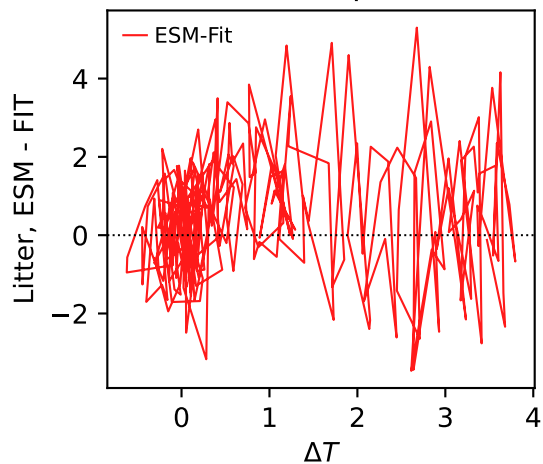
CMCC-ESM2, ssp245, Litter



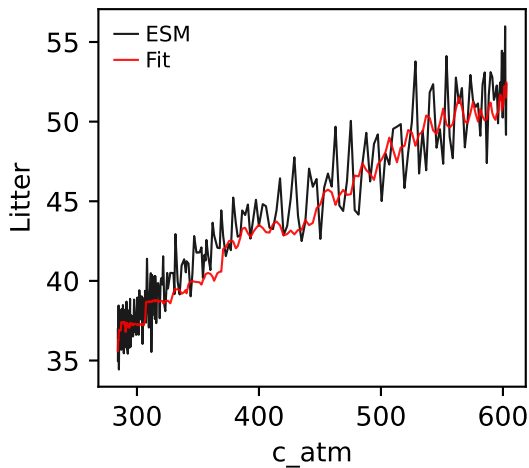
CMCC-ESM2, ssp245, Litter



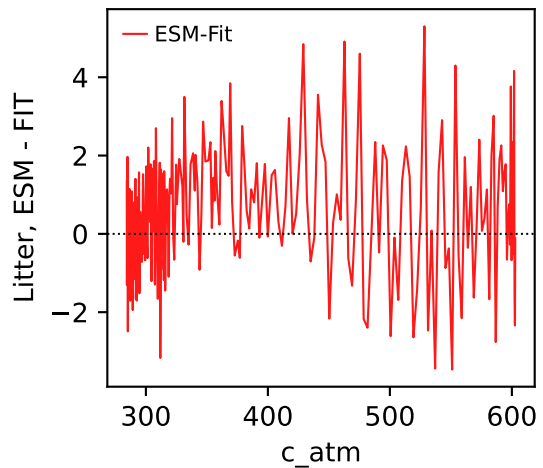
CMCC-ESM2, ssp245, Litter



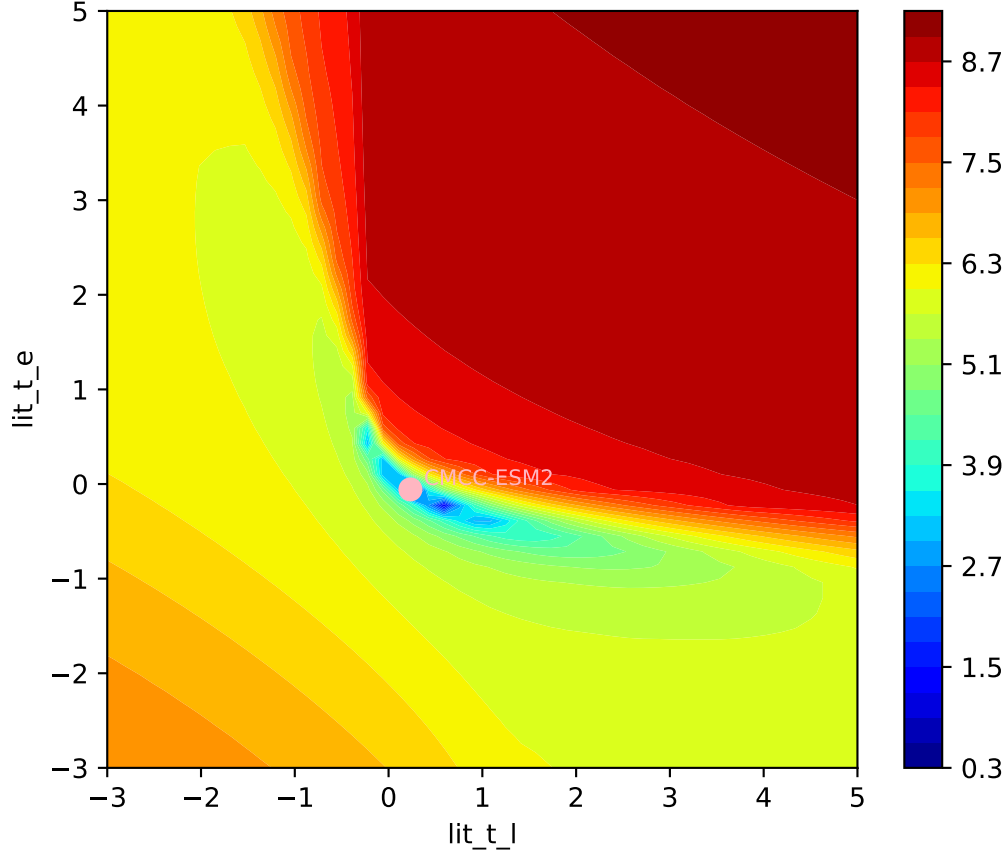
CMCC-ESM2, ssp245, Litter

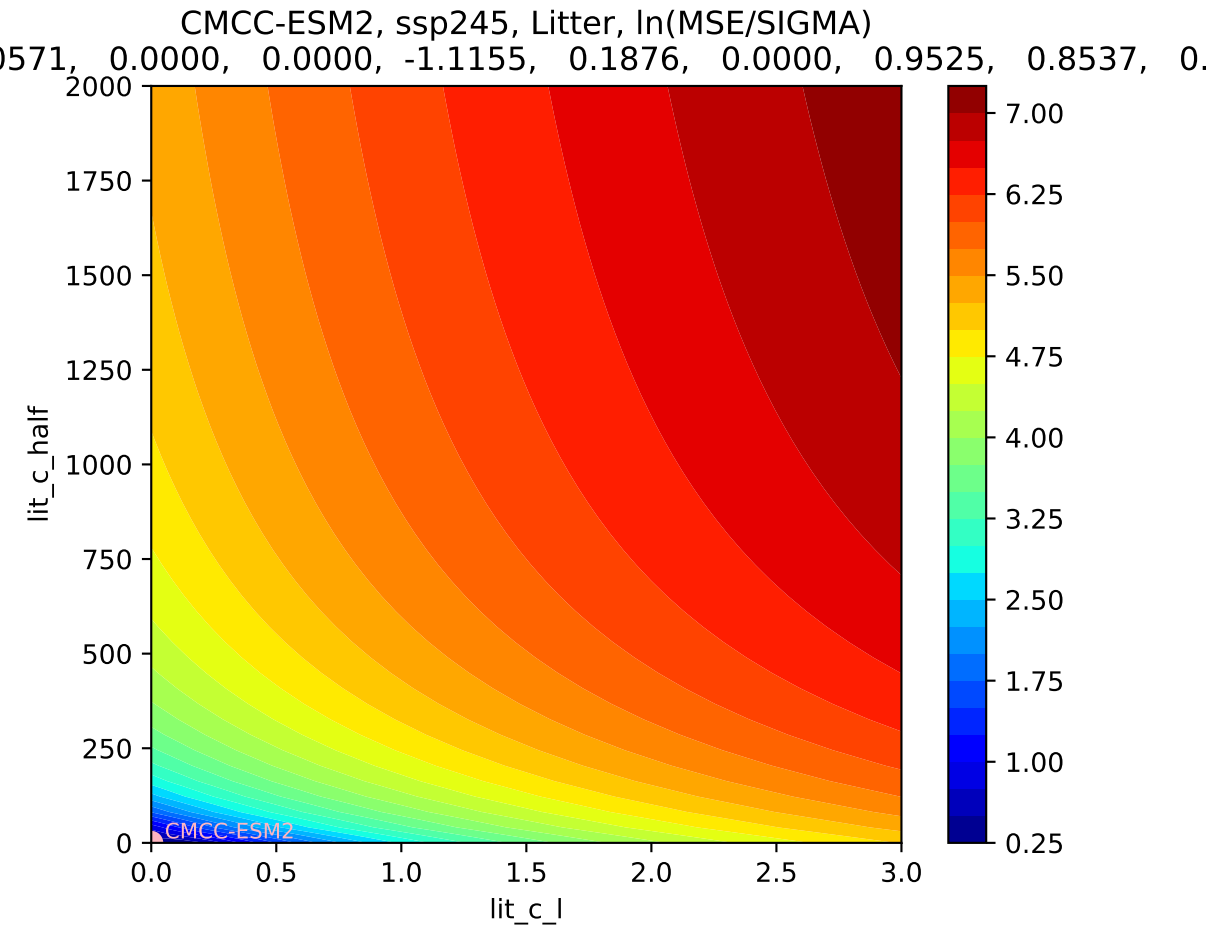


CMCC-ESM2, ssp245, Litter

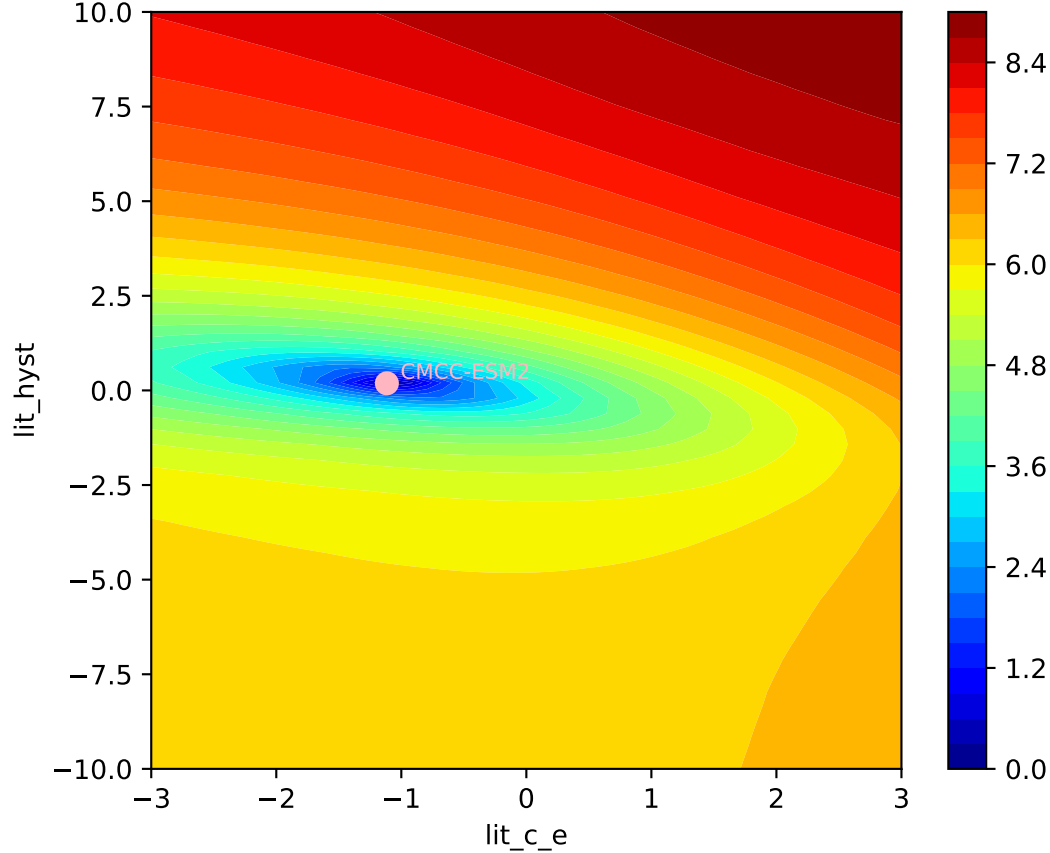


CMCC-ESM2, ssp245, Litter, $\ln(\text{MSE}/\text{SIGMA})$
0.571, 0.0000, 0.0000, -1.1155, 0.1876, 0.0000, 0.9525, 0.8537, 0.





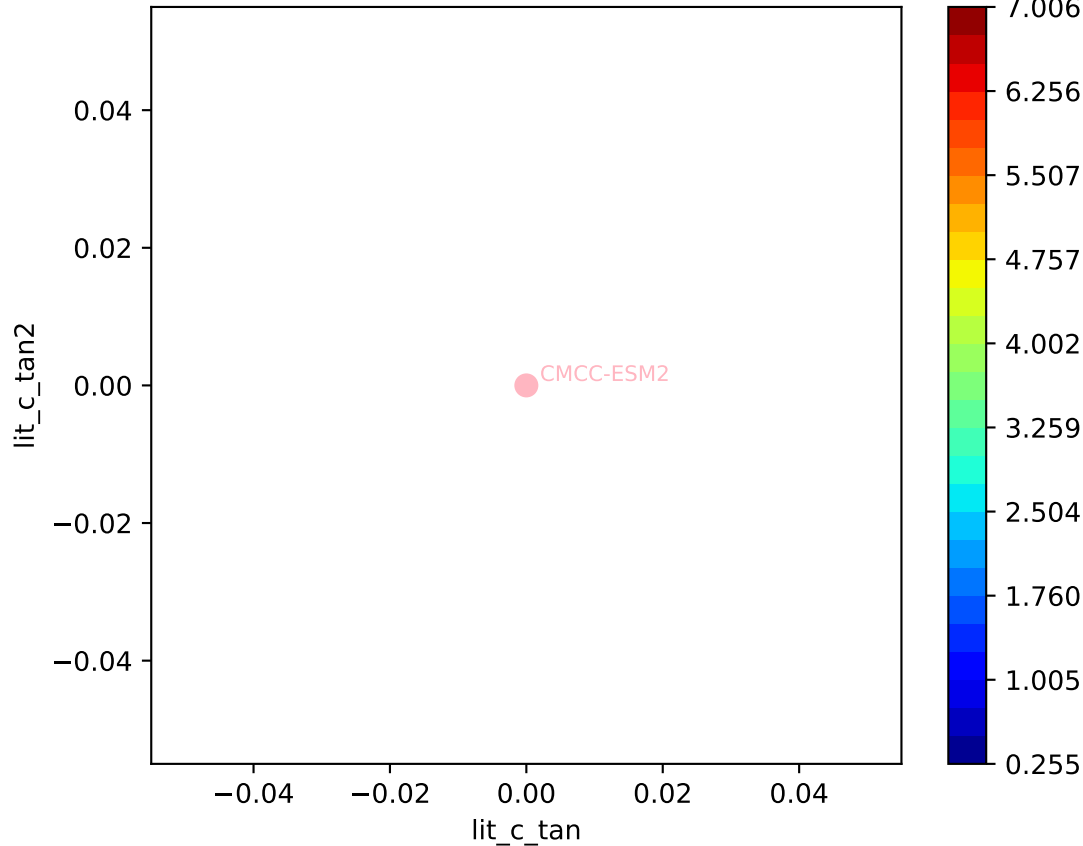
CMCC-ESM2, ssp245, Litter, $\ln(\text{MSE}/\text{SIGMA})$
0.571, 0.0000, 0.0000, -1.1155, 0.1876, 0.0000, 0.9525, 0.8537, 0.

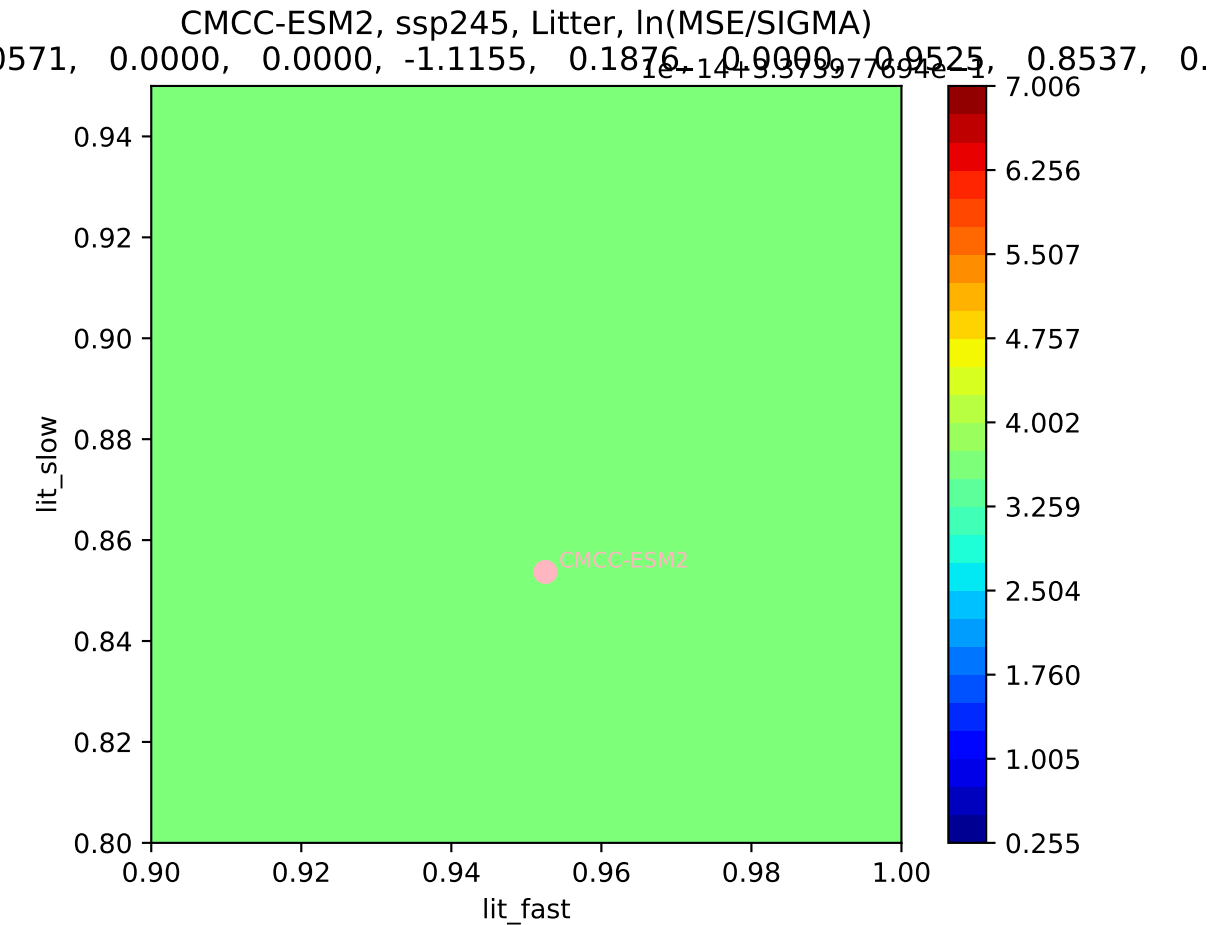


CMCC-ESM2, ssp245, Litter, ln(MSE/SIGMA)

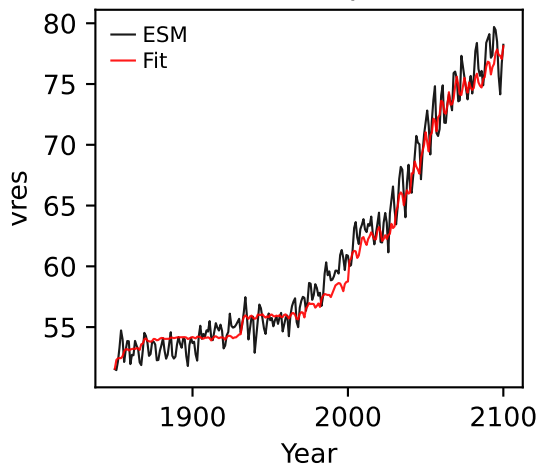
0.571, 0.0000, 0.0000, -1.1155, 0.1876, 0.0000, 0.9525, 0.8537, 0.

1.8×10^{-14} , $9.379977694 \times 10^{-14}$

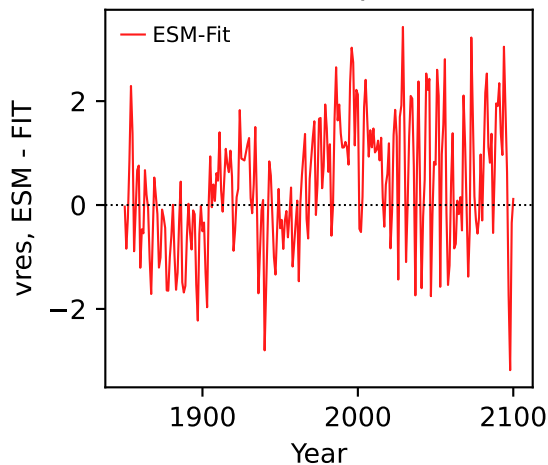




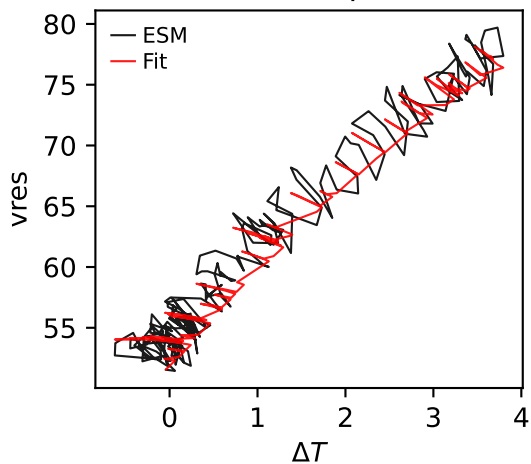
CMCC-ESM2, ssp245, vres



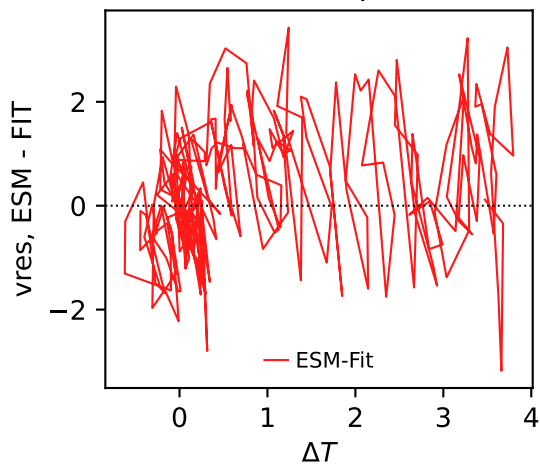
CMCC-ESM2, ssp245, vres



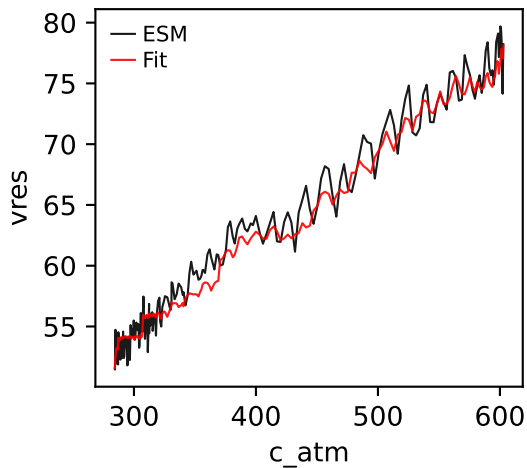
CMCC-ESM2, ssp245, vres



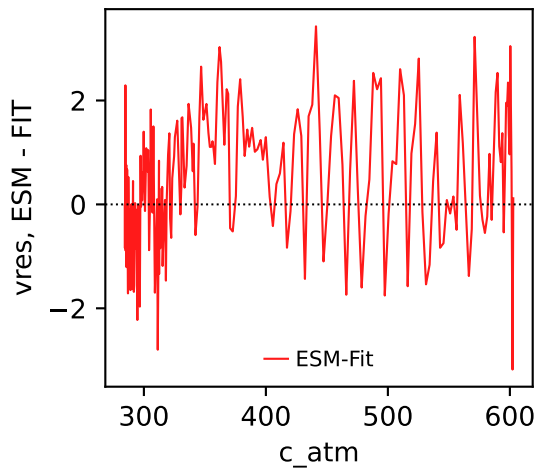
CMCC-ESM2, ssp245, vres



CMCC-ESM2, ssp245, vres

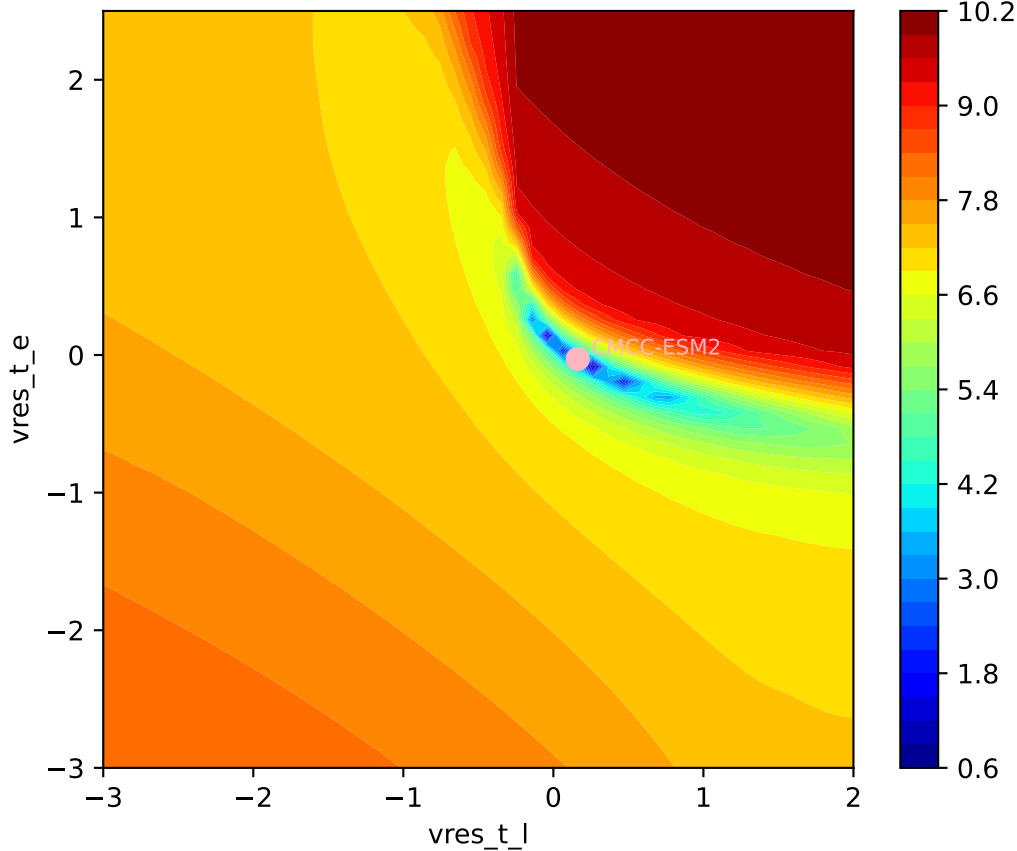


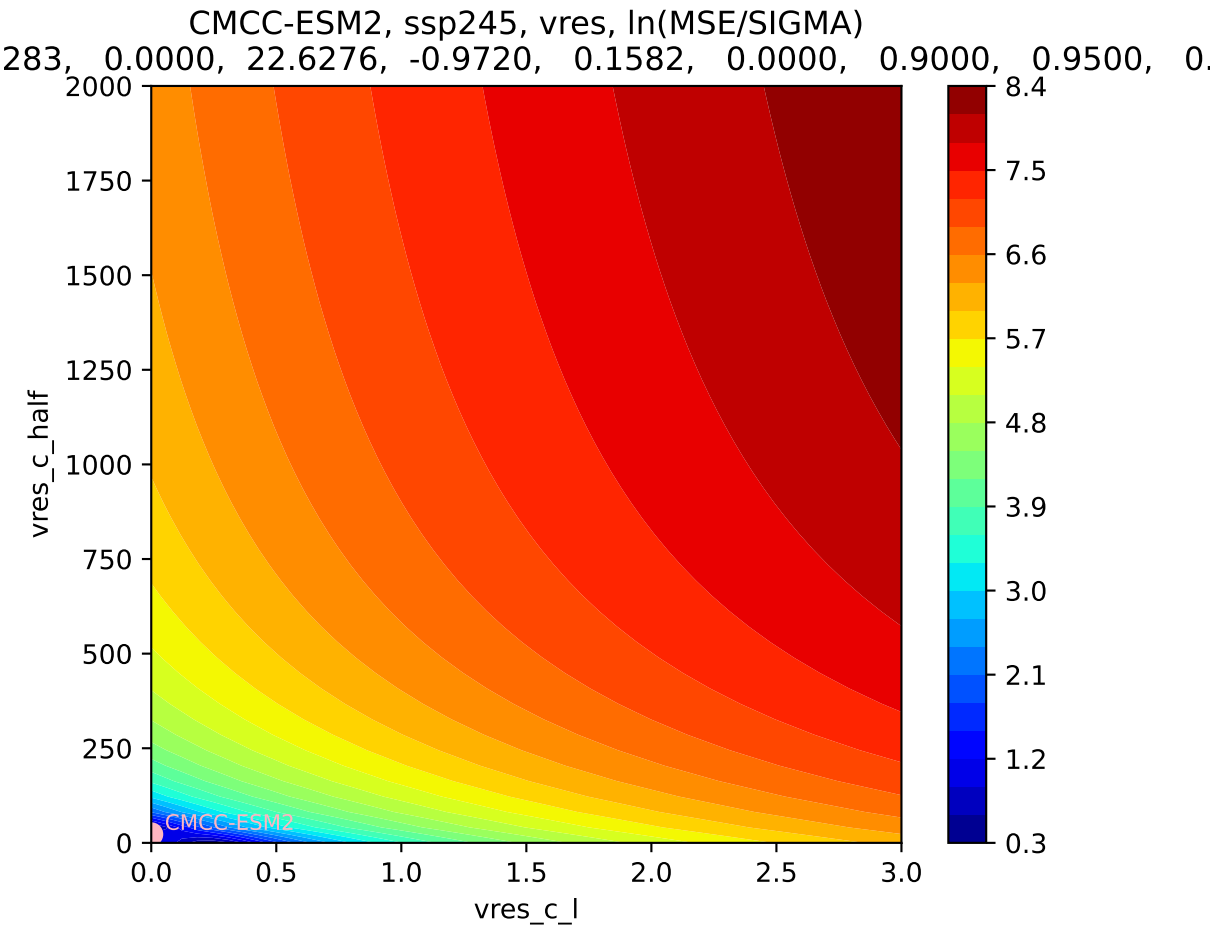
CMCC-ESM2, ssp245, vres

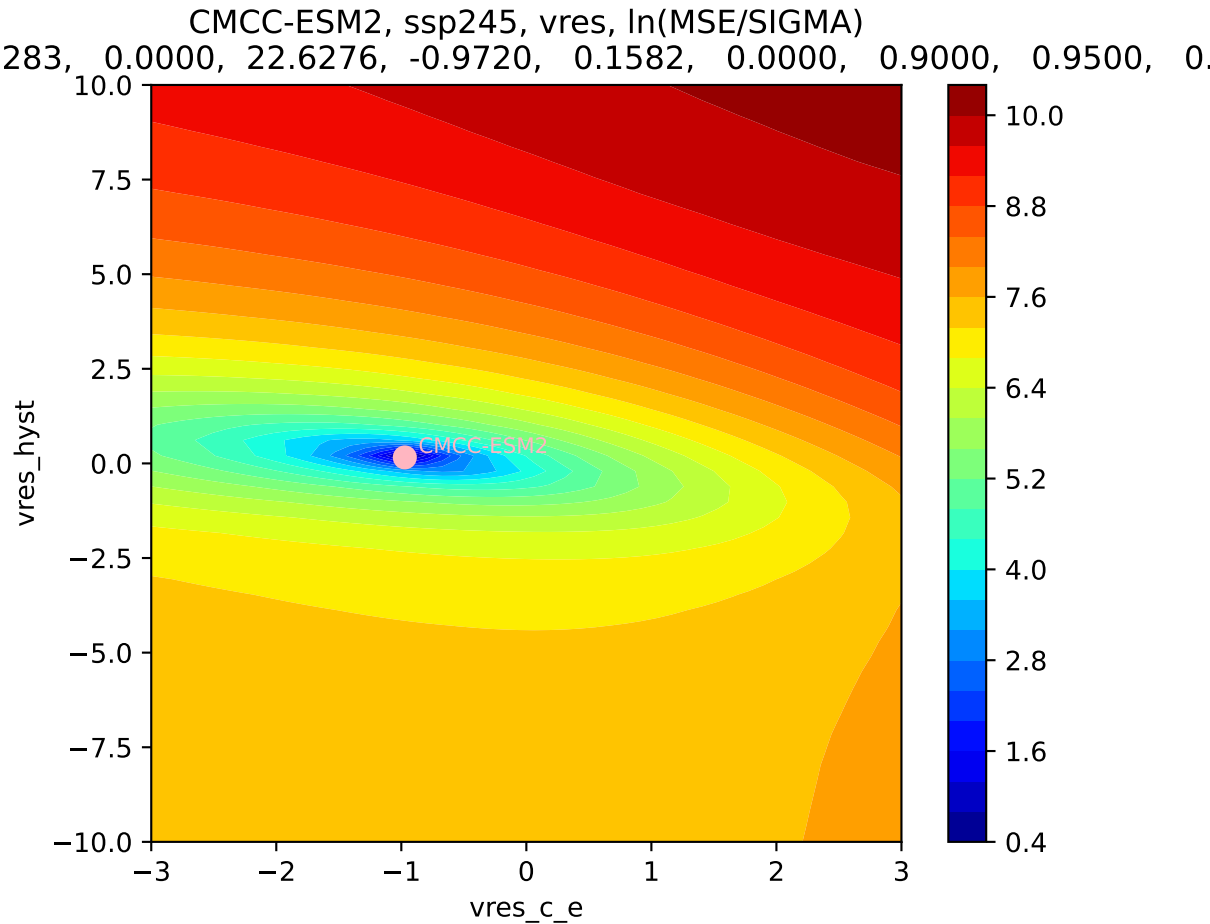


CMCC-ESM2, ssp245, vres, ln(MSE/SIGMA)

283, 0.0000, 22.6276, -0.9720, 0.1582, 0.0000, 0.9000, 0.9500, 0.0000



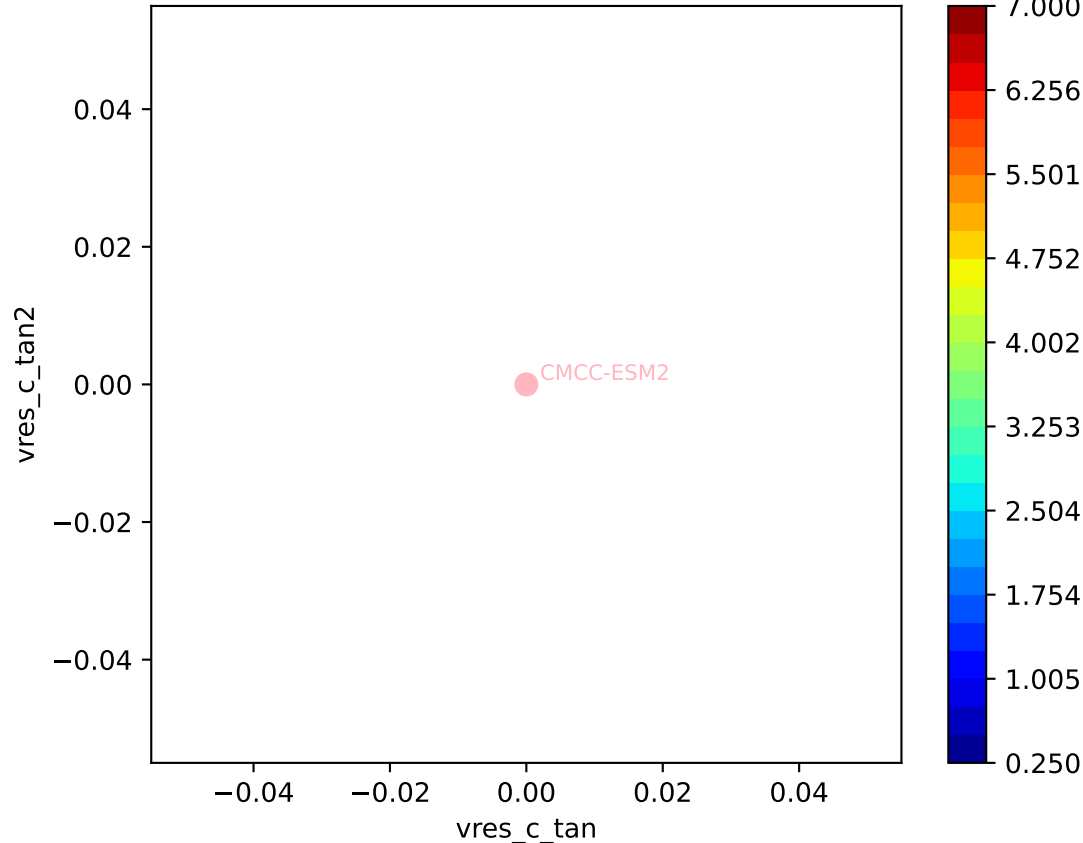


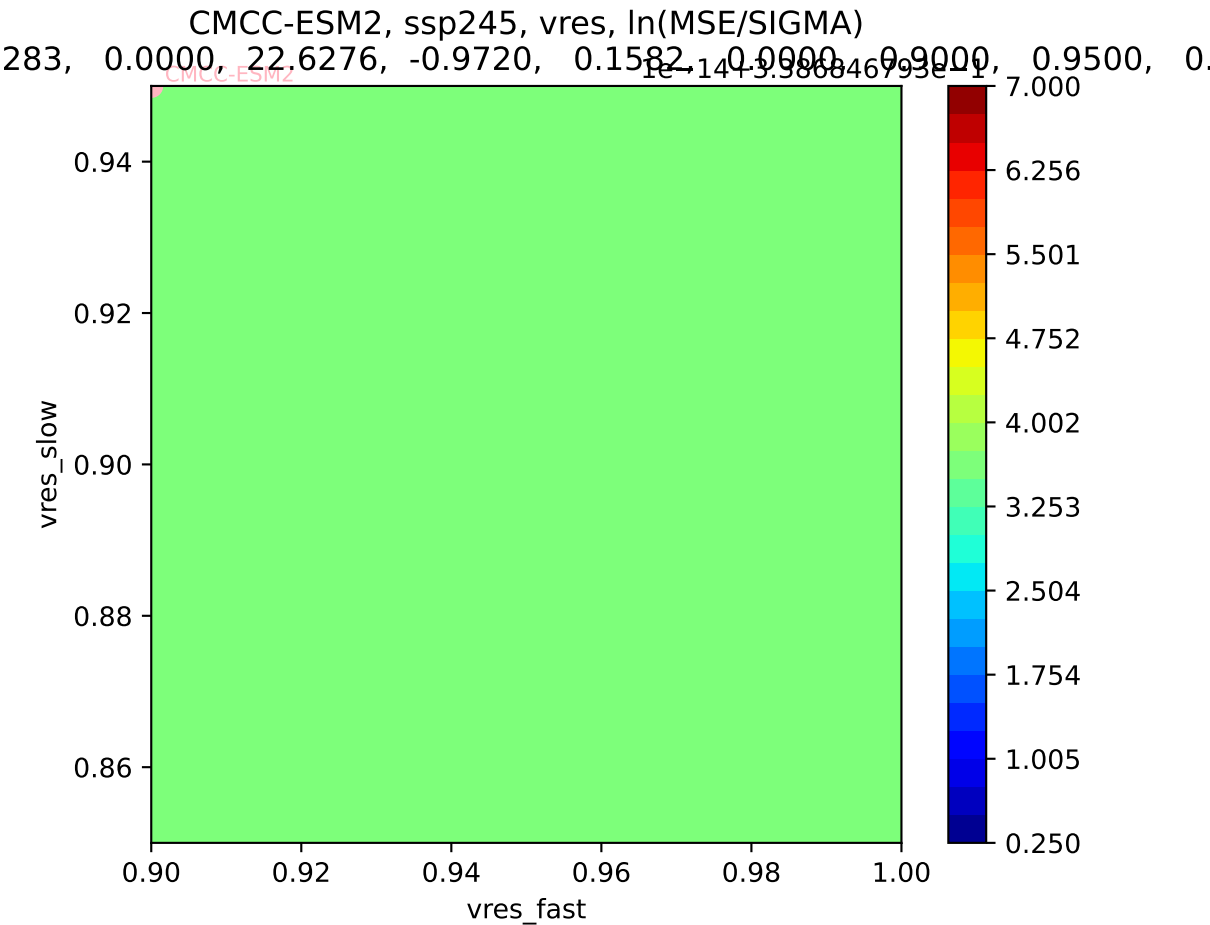


CMCC-ESM2, ssp245, vres, ln(MSE/SIGMA)

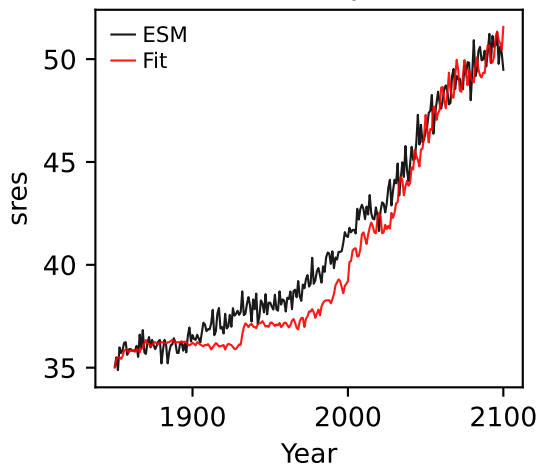
283, 0.0000, 22.6276, -0.9720, 0.1582, 0.0000, 0.9000, 0.9500, 0.9900, 1.0000

$1e-14$ $1.386846793e-11$

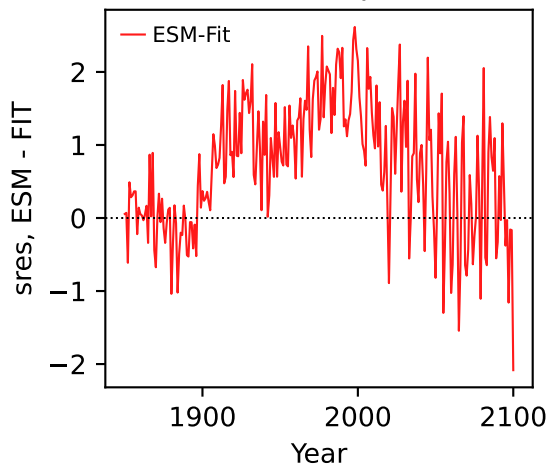




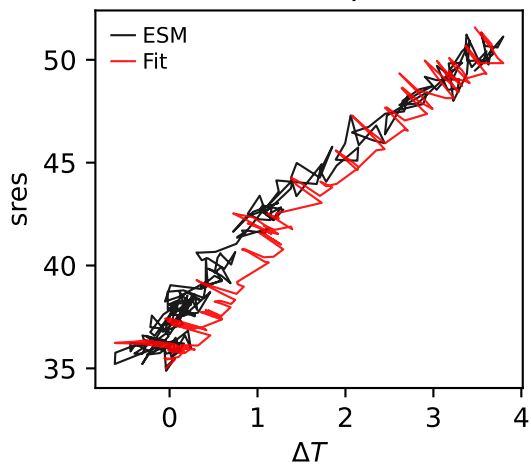
CMCC-ESM2, ssp245, sres



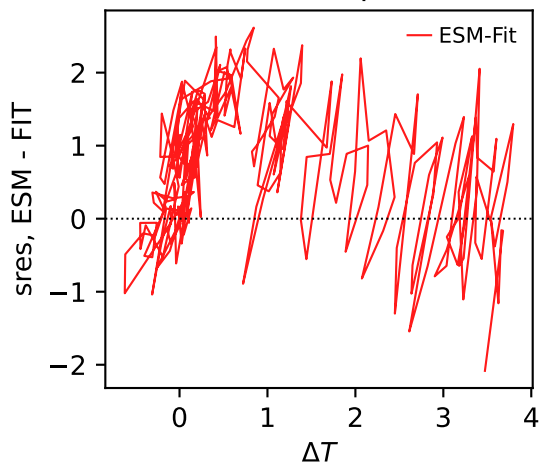
CMCC-ESM2, ssp245, sres



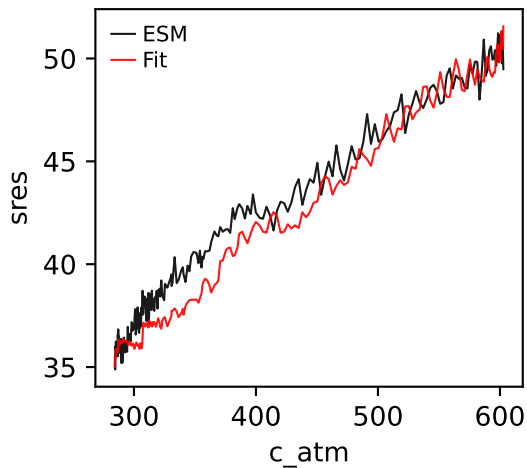
CMCC-ESM2, ssp245, sres



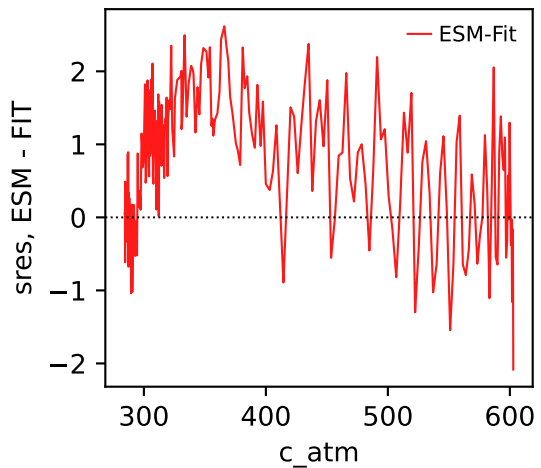
CMCC-ESM2, ssp245, sres



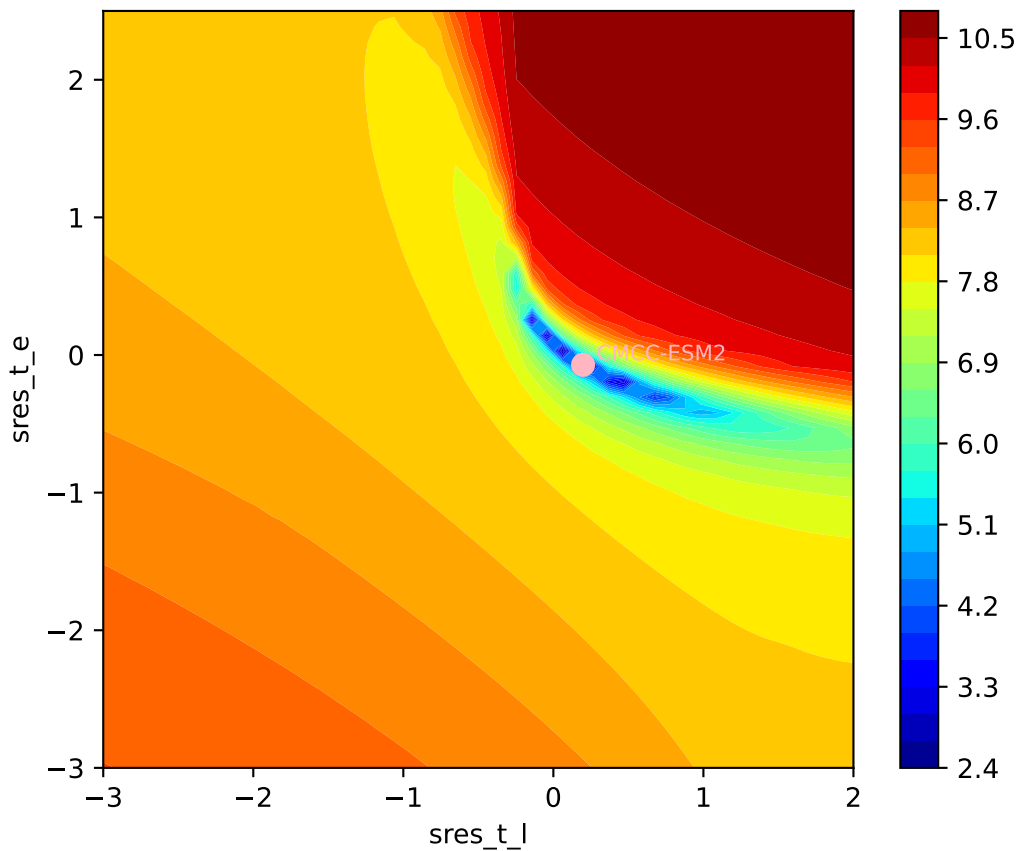
CMCC-ESM2, ssp245, sres

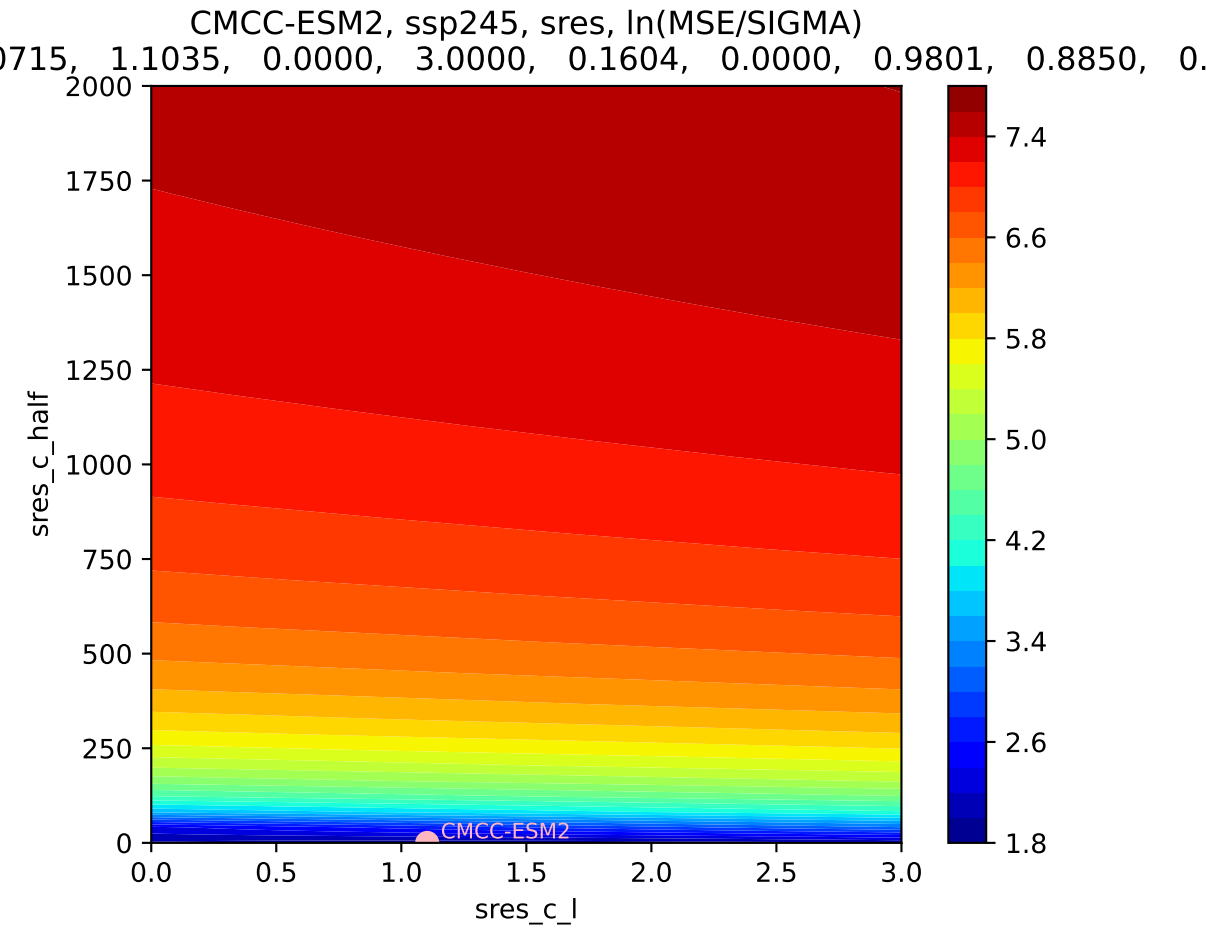


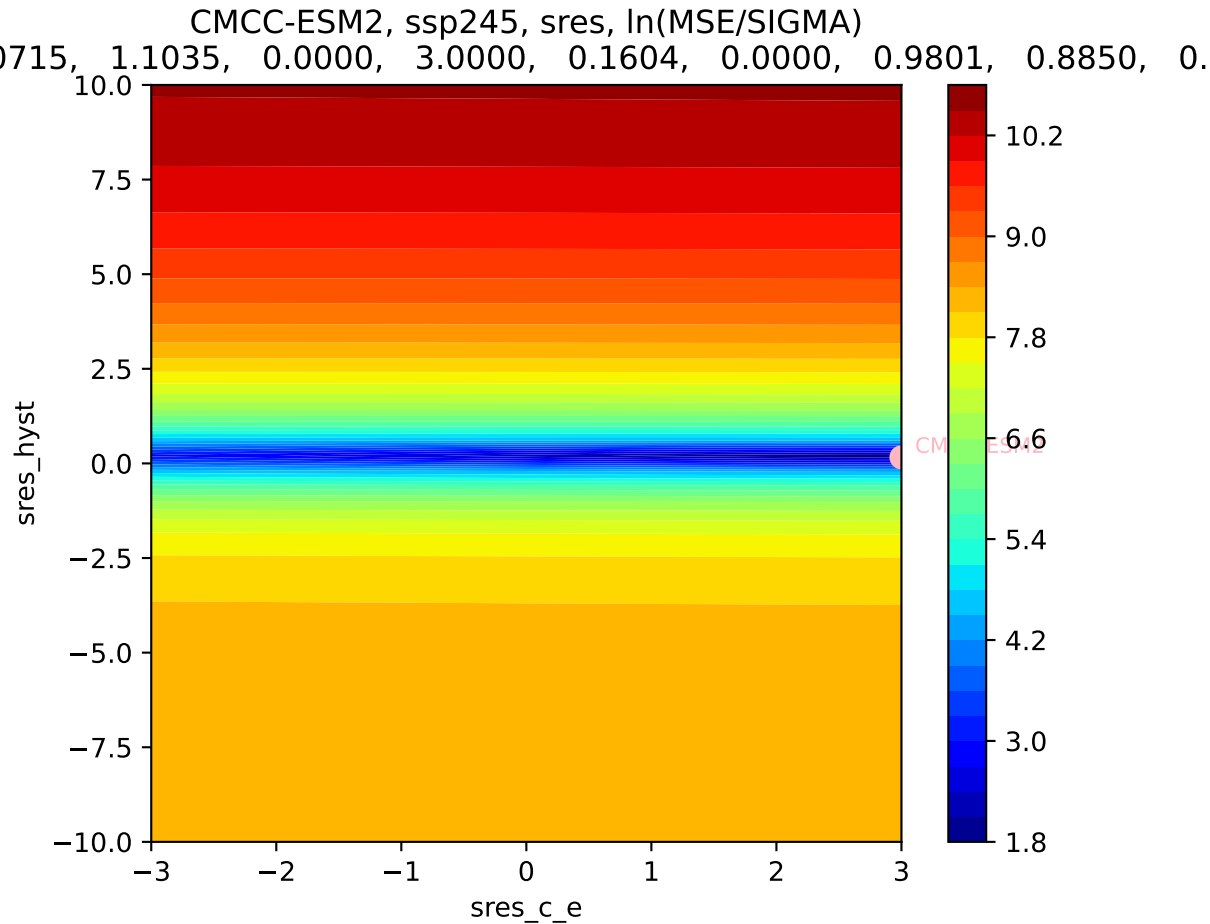
CMCC-ESM2, ssp245, sres



CMCC-ESM2, ssp245, sres, ln(MSE/SIGMA)
0.715, 1.1035, 0.0000, 3.0000, 0.1604, 0.0000, 0.9801, 0.8850, 0.

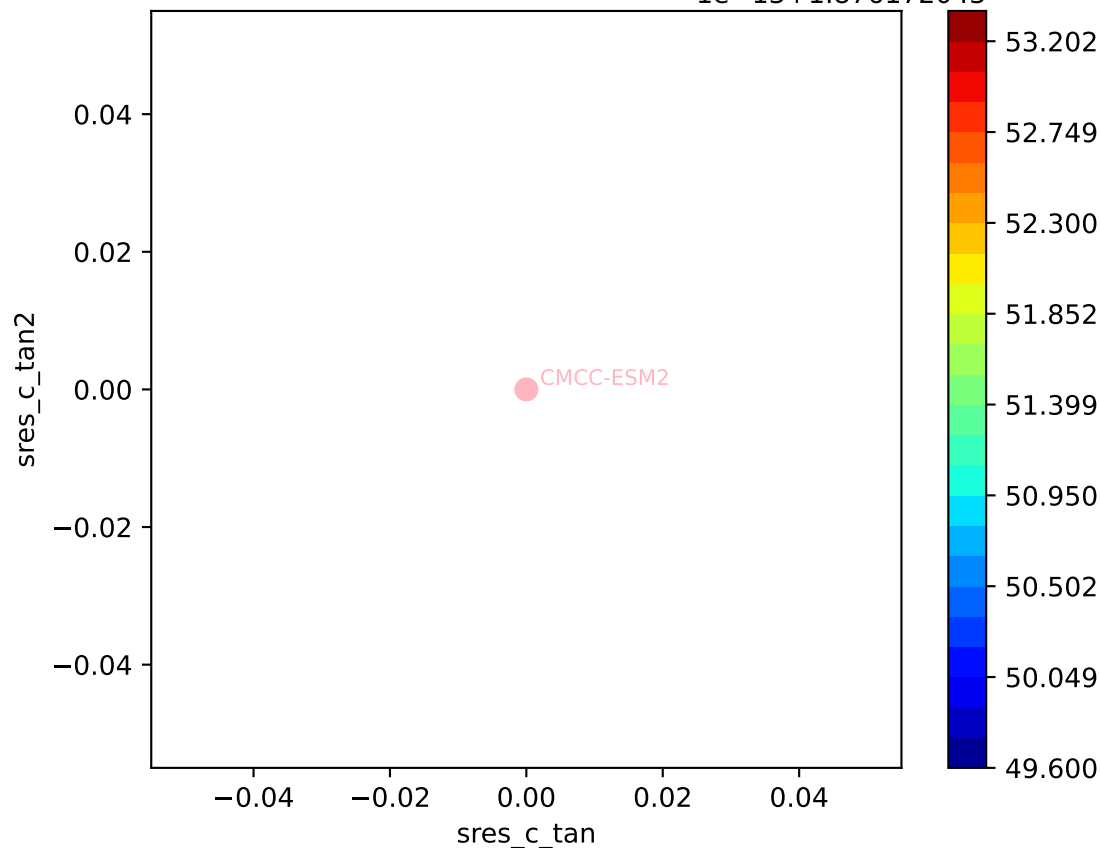






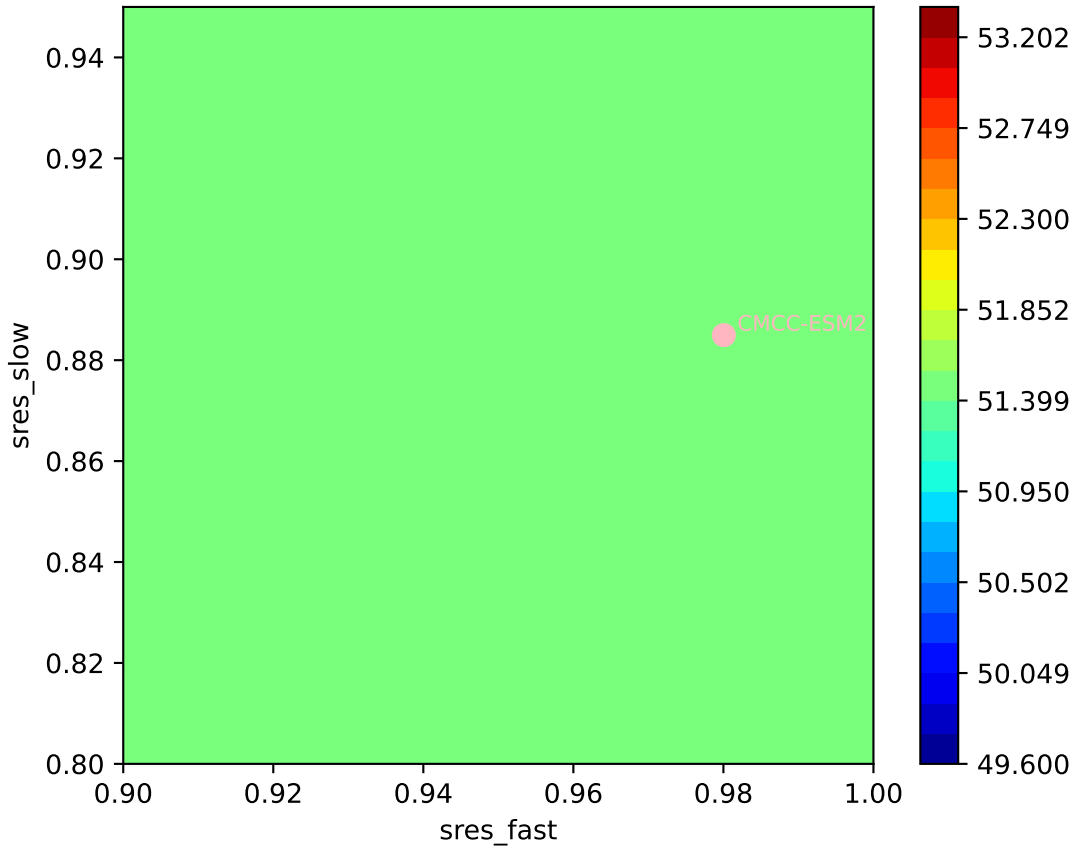
CMCC-ESM2, ssp245, sres, ln(MSE/SIGMA)

0.715, 1.1035, 0.0000, 3.0000, 0.1604, 1e-13, 1.8761, 0.9801, 0.8850, 0.

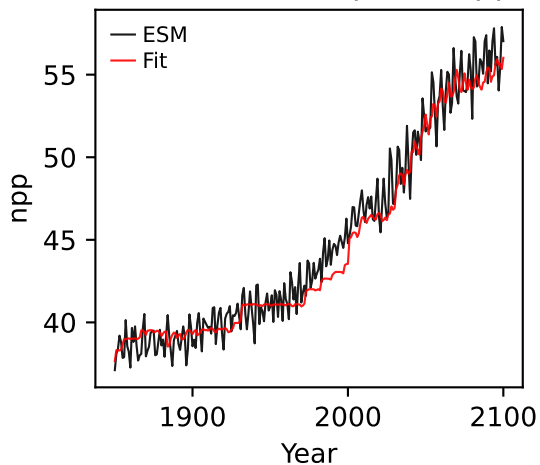


CMCC-ESM2, ssp245, sres, ln(MSE/SIGMA)

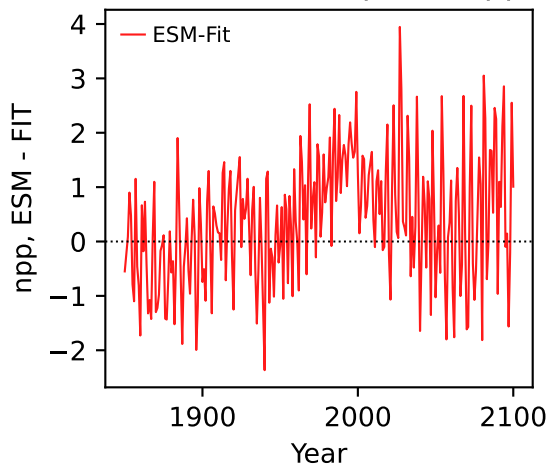
0.715, 1.1035, 0.0000, 3.0000, 0.1604, 1e-13, 1.8761, 2.045, 0.9801, 0.8850, 0.



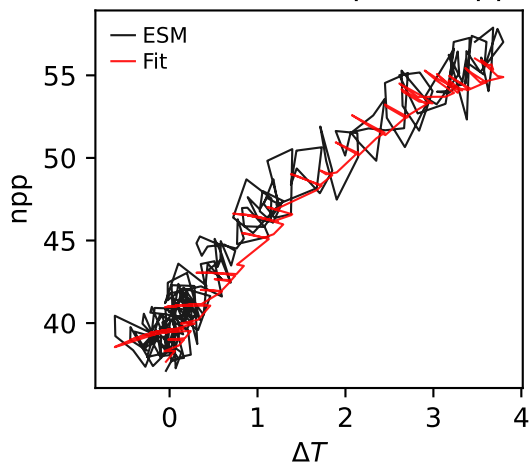
CMCC-ESM2, ssp245, npp



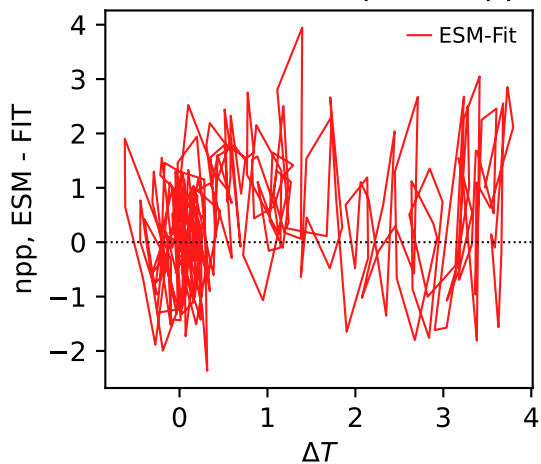
CMCC-ESM2, ssp245, npp



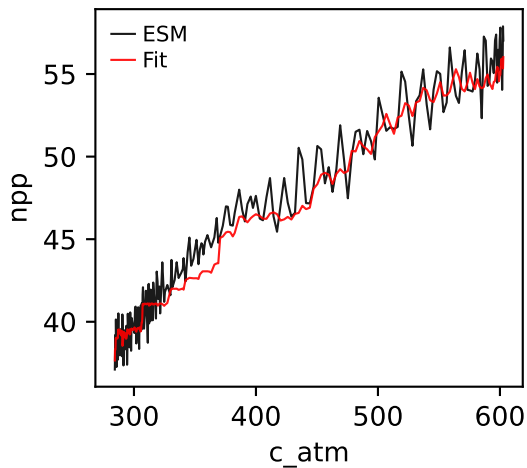
CMCC-ESM2, ssp245, npp



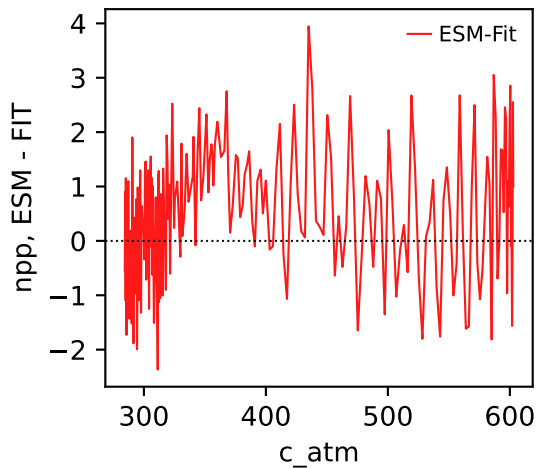
CMCC-ESM2, ssp245, npp



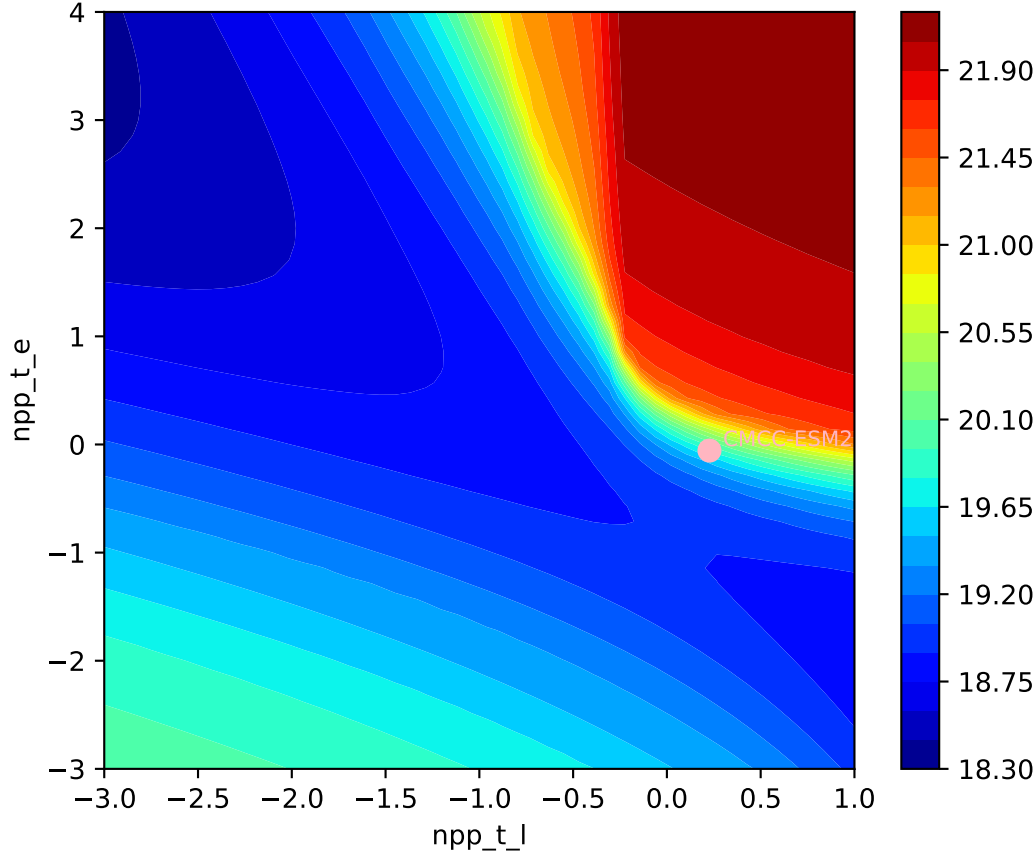
CMCC-ESM2, ssp245, npp



CMCC-ESM2, ssp245, npp

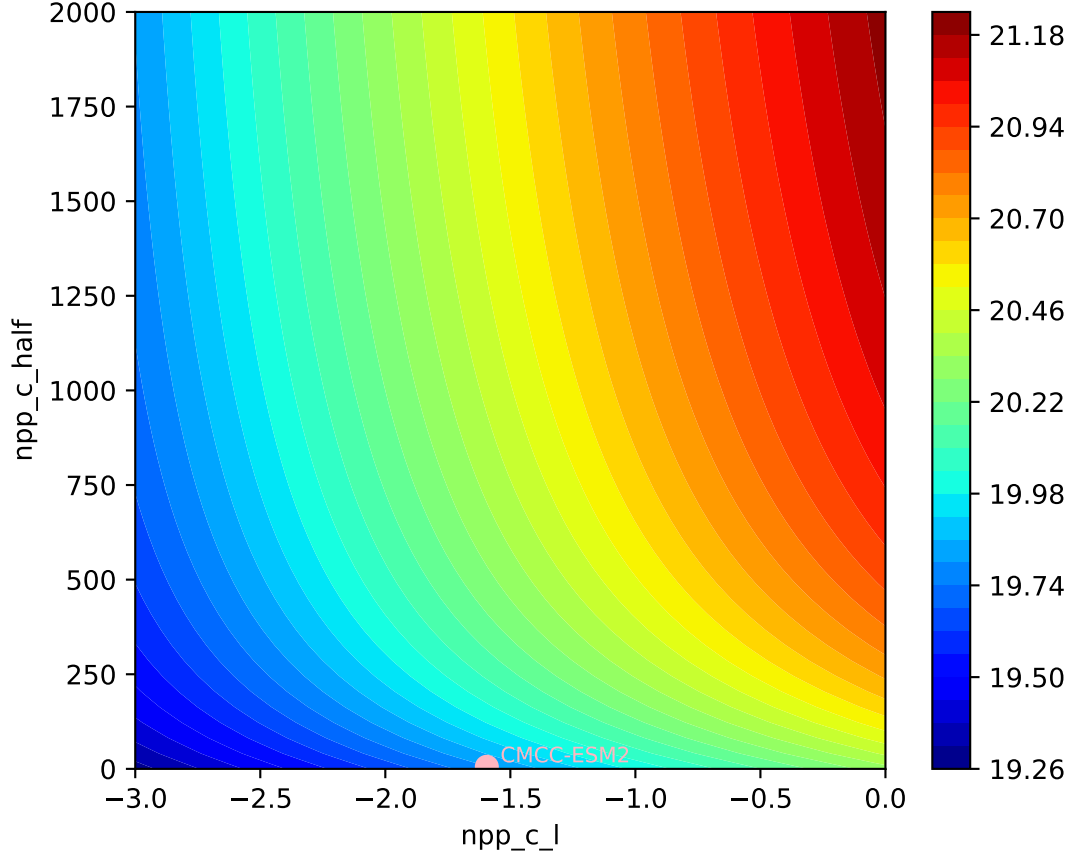


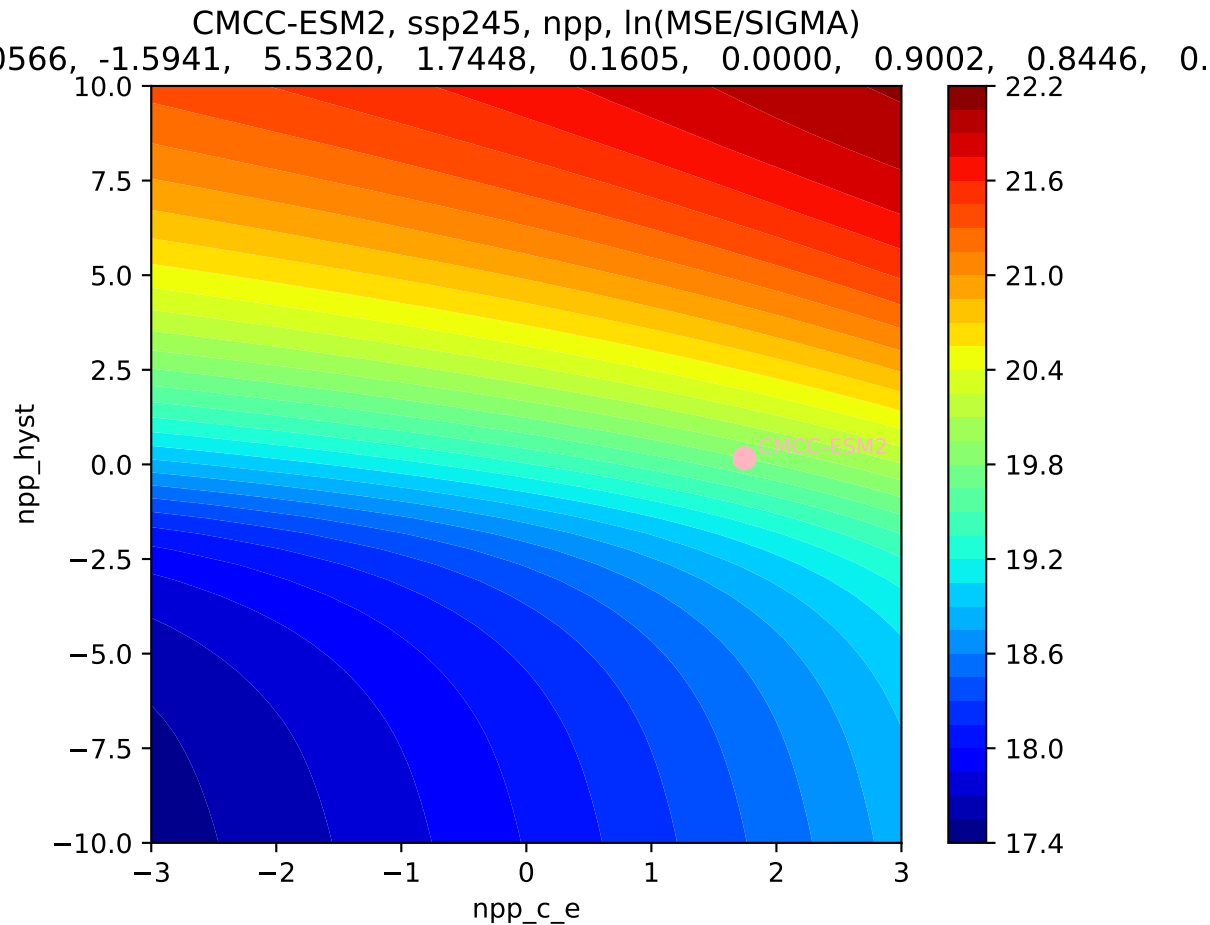
CMCC-ESM2, ssp245, npp, $\ln(\text{MSE}/\text{SIGMA})$
0566, -1.5941, 5.5320, 1.7448, 0.1605, 0.0000, 0.9002, 0.8446, 0.

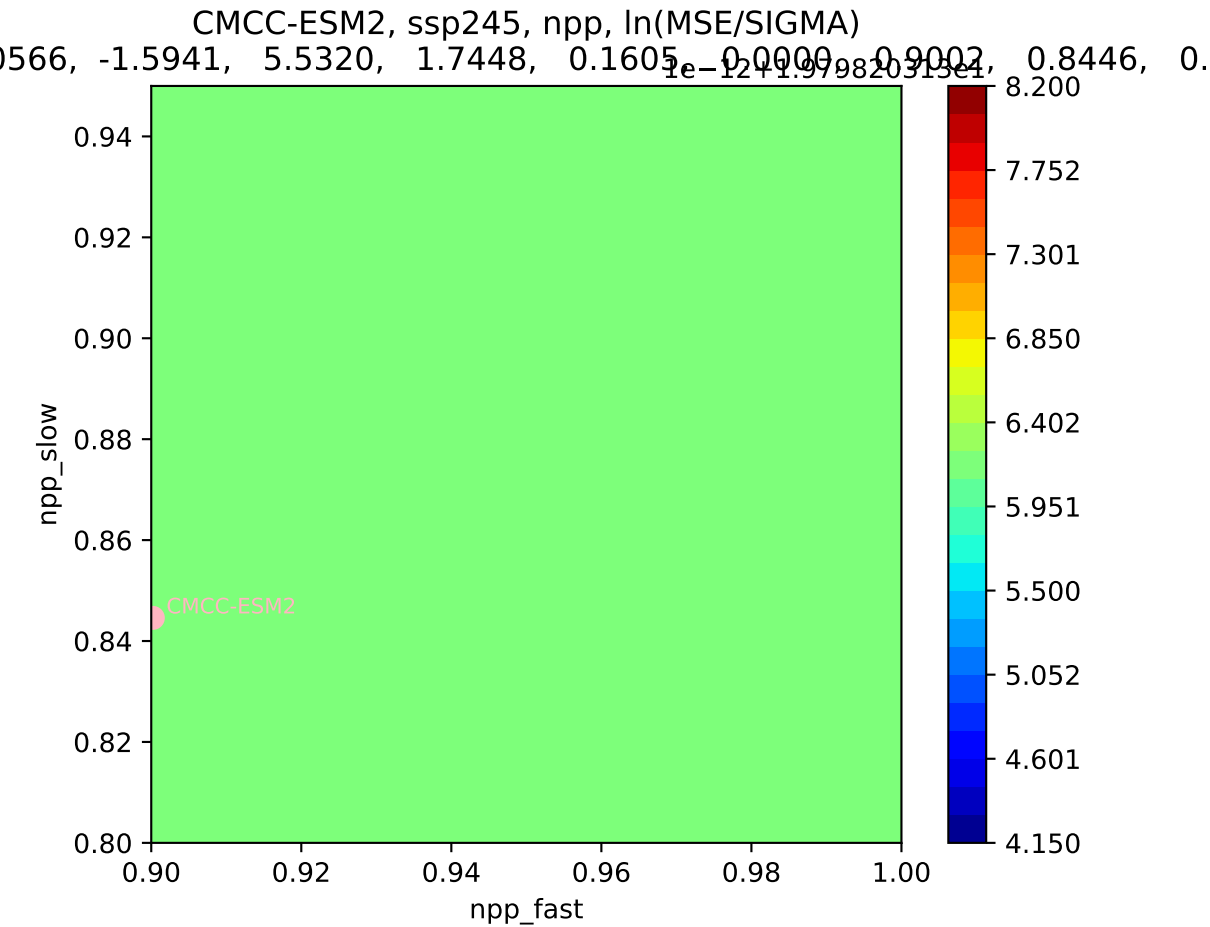


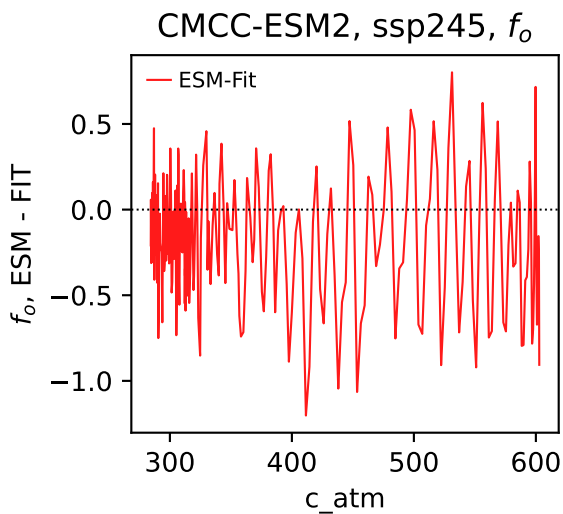
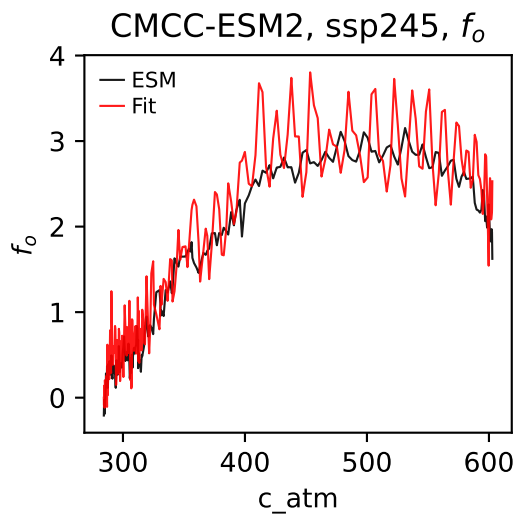
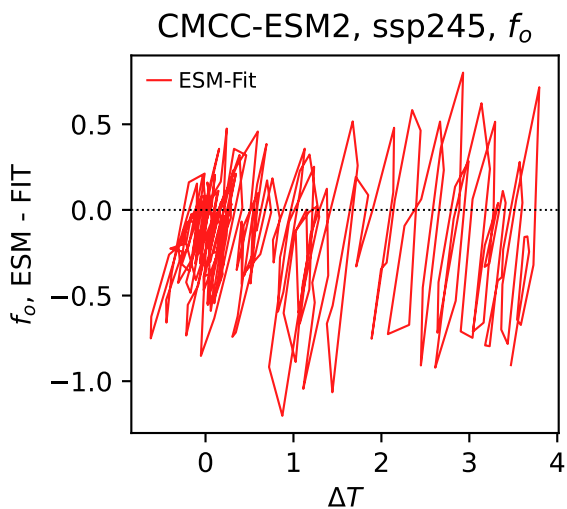
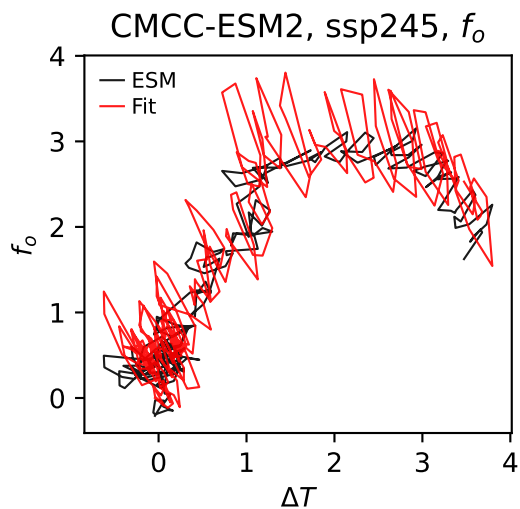
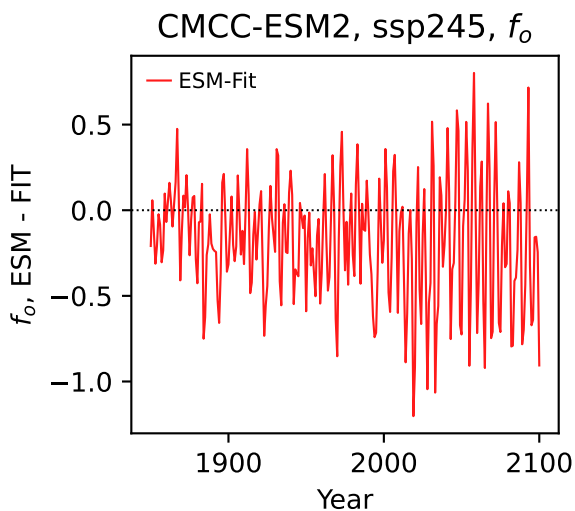
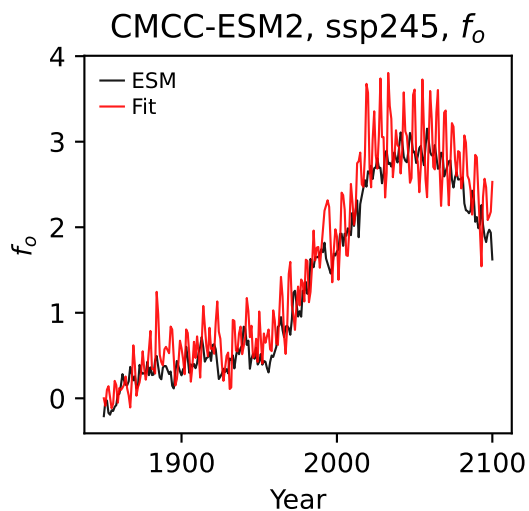
CMCC-ESM2, ssp245, npp, ln(MSE/SIGMA)

0566, -1.5941, 5.5320, 1.7448, 0.1605, 0.0000, 0.9002, 0.8446, 0.

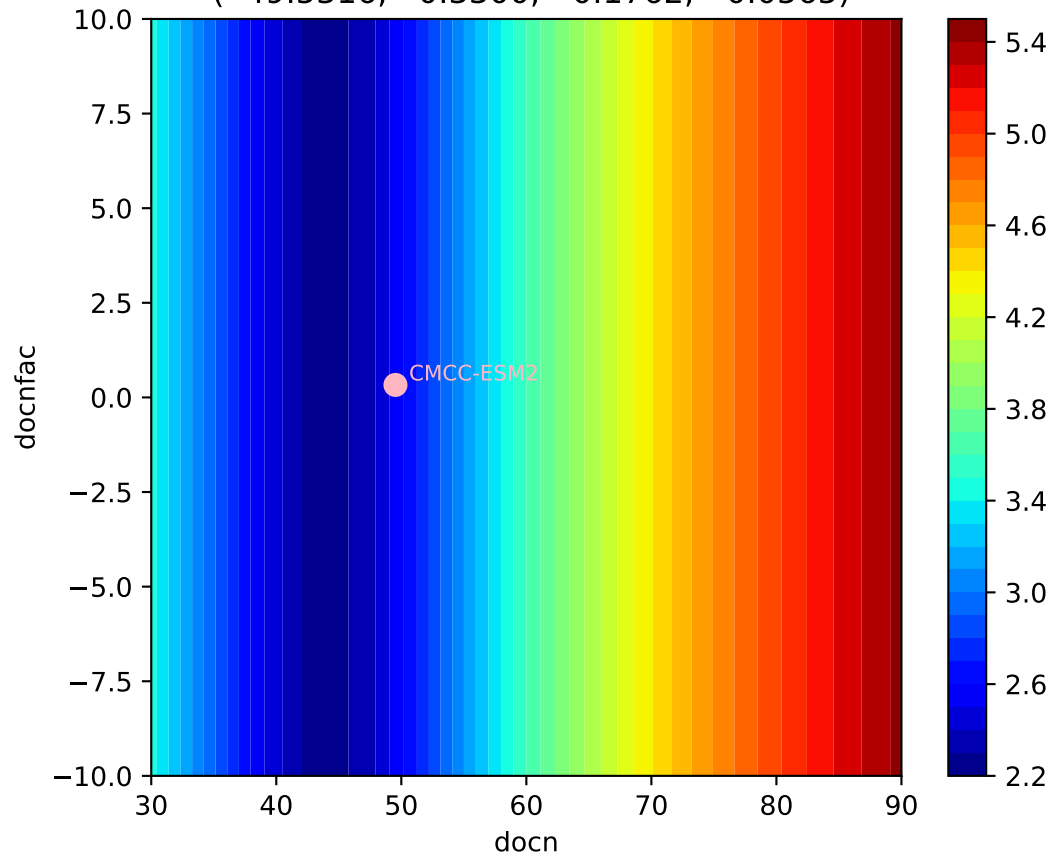








CMCC-ESM2, ssp245, f_o , $\ln(\text{MSE}/\text{SIGMA})$
(49.5316, 0.3300, -0.1762, -0.0565)



CMCC-ESM2, ssp245, f_o , $\ln(\text{MSE}/\text{SIGMA})$
(49.5316, 0.3300, -0.1762, -0.0565)

