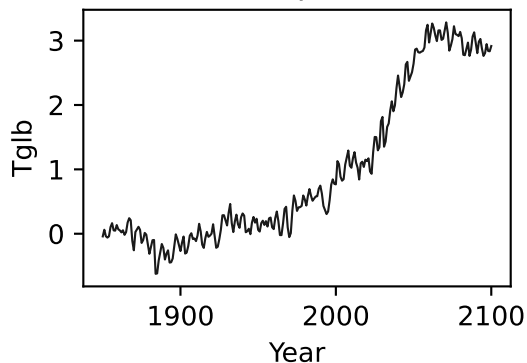


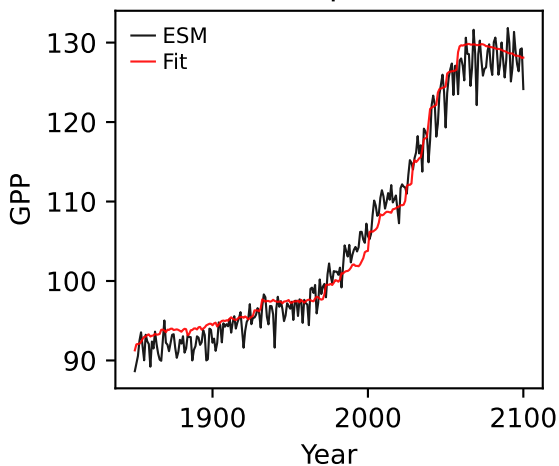
CMCC-ESM2, ssp534-over, GPP



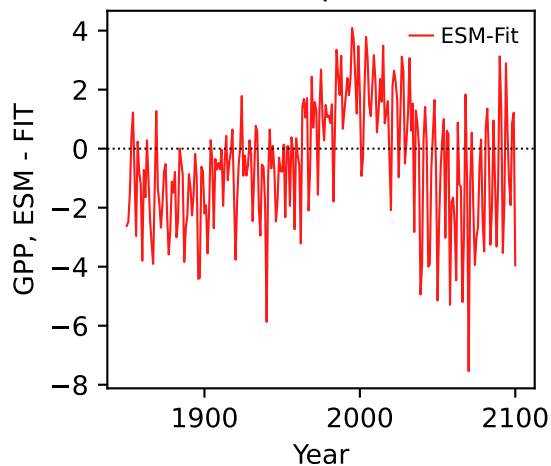
CMCC-ESM2, ssp534-over, GPP



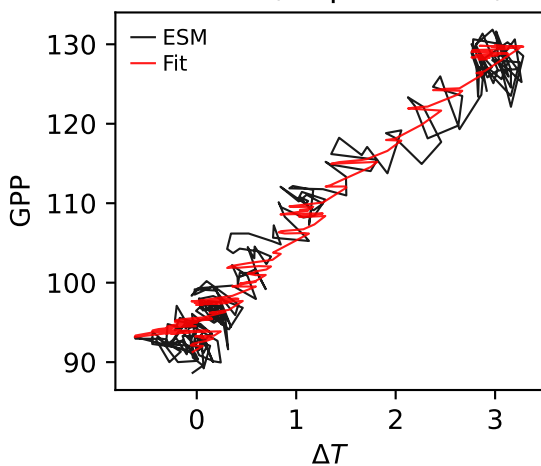
CMCC-ESM2, ssp534-over, GPP



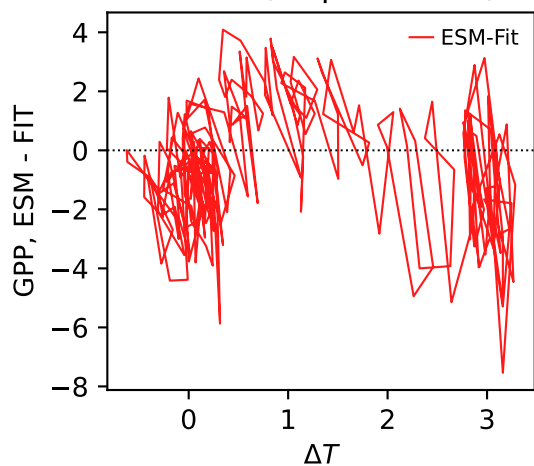
CMCC-ESM2, ssp534-over, GPP



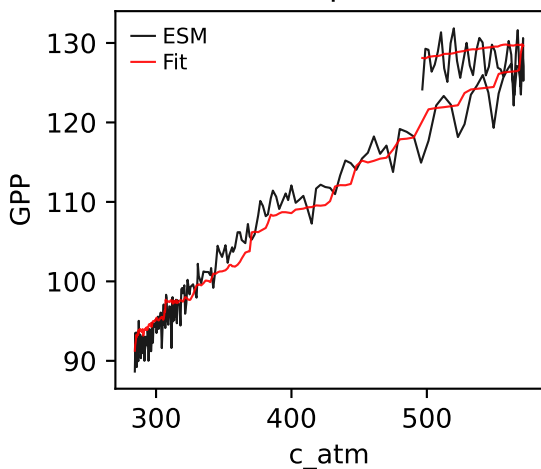
CMCC-ESM2, ssp534-over, GPP



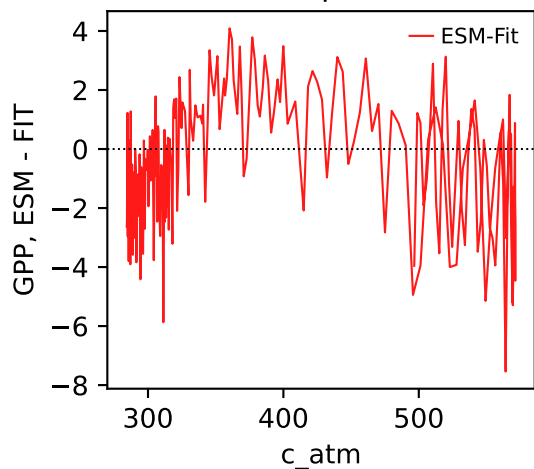
CMCC-ESM2, ssp534-over, GPP



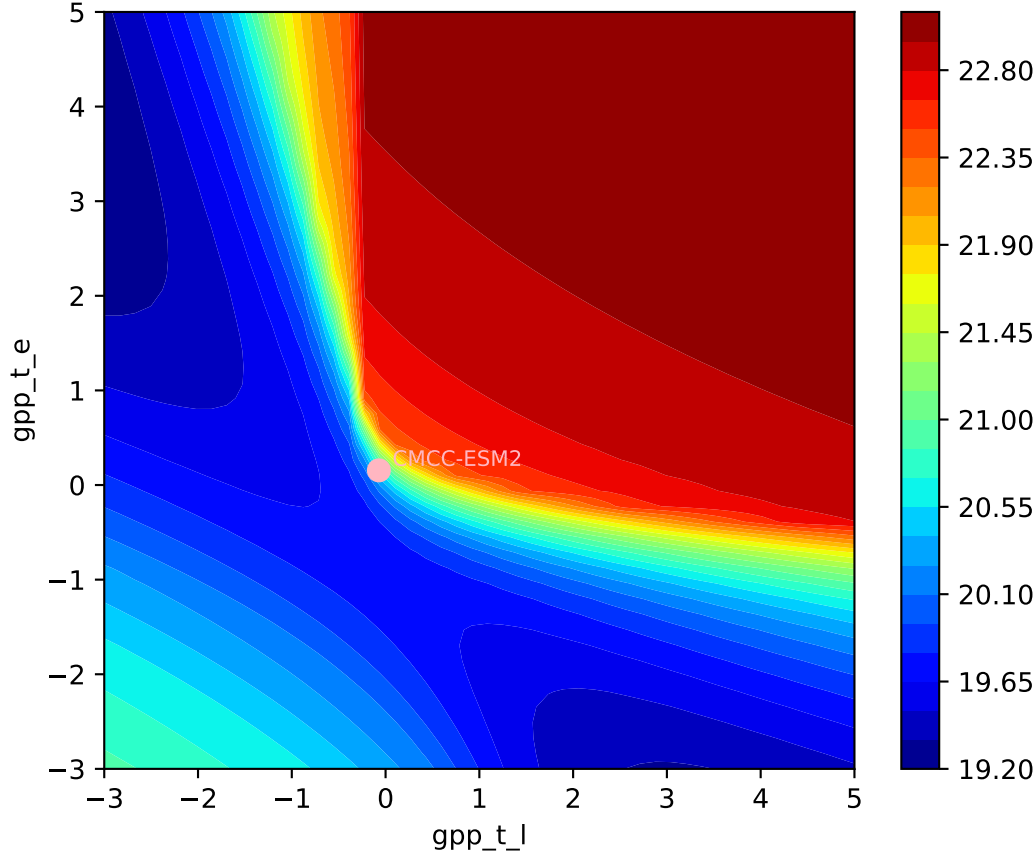
CMCC-ESM2, ssp534-over, GPP



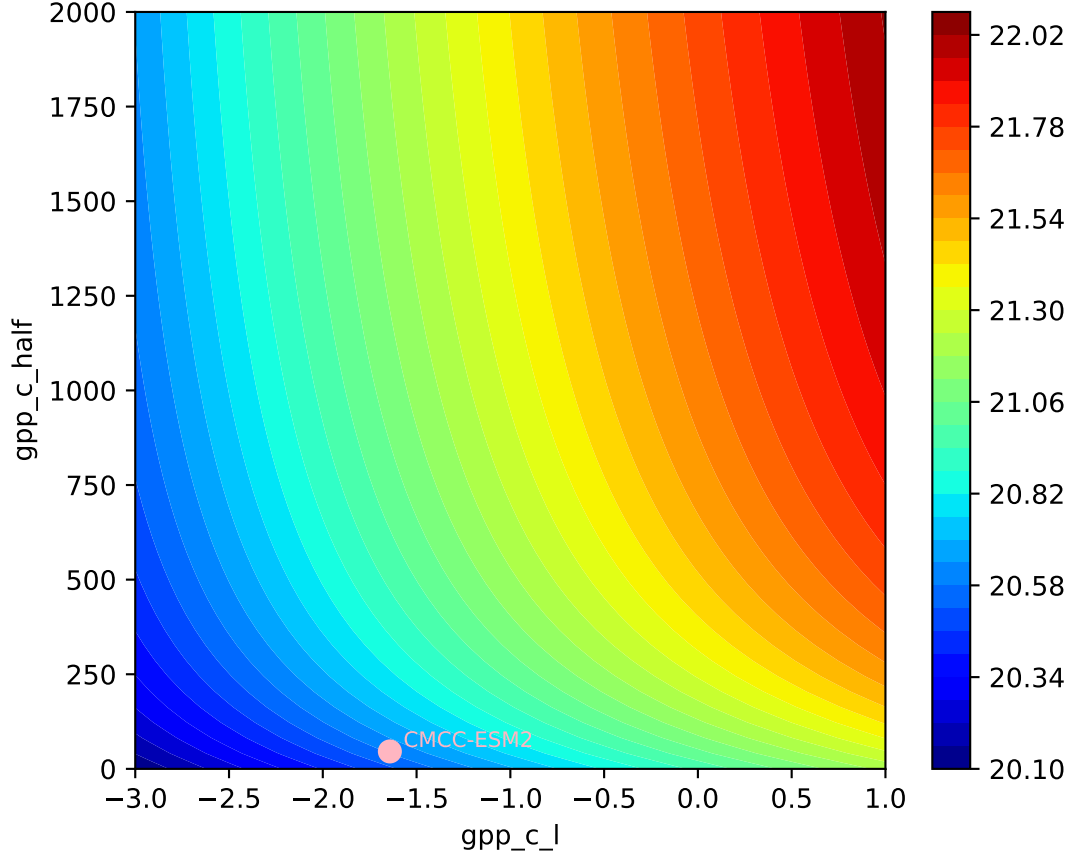
CMCC-ESM2, ssp534-over, GPP

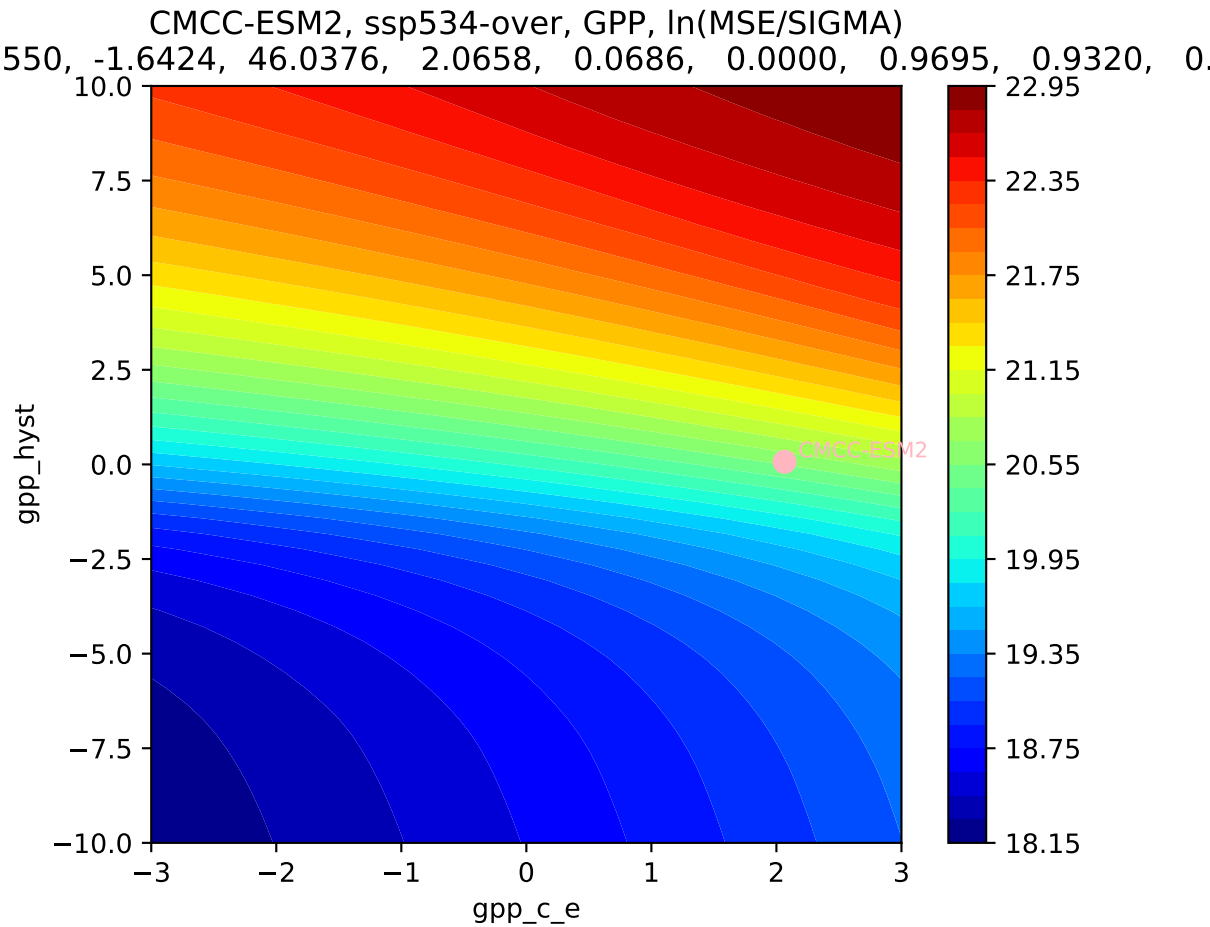


CMCC-ESM2, ssp534-over, GPP,  $\ln(\text{MSE}/\text{SIGMA})$   
550, -1.6424, 46.0376, 2.0658, 0.0686, 0.0000, 0.9695, 0.9320, 0.



CMCC-ESM2, ssp534-over, GPP,  $\ln(\text{MSE}/\text{SIGMA})$   
550, -1.6424, 46.0376, 2.0658, 0.0686, 0.0000, 0.9695, 0.9320, 0.0000

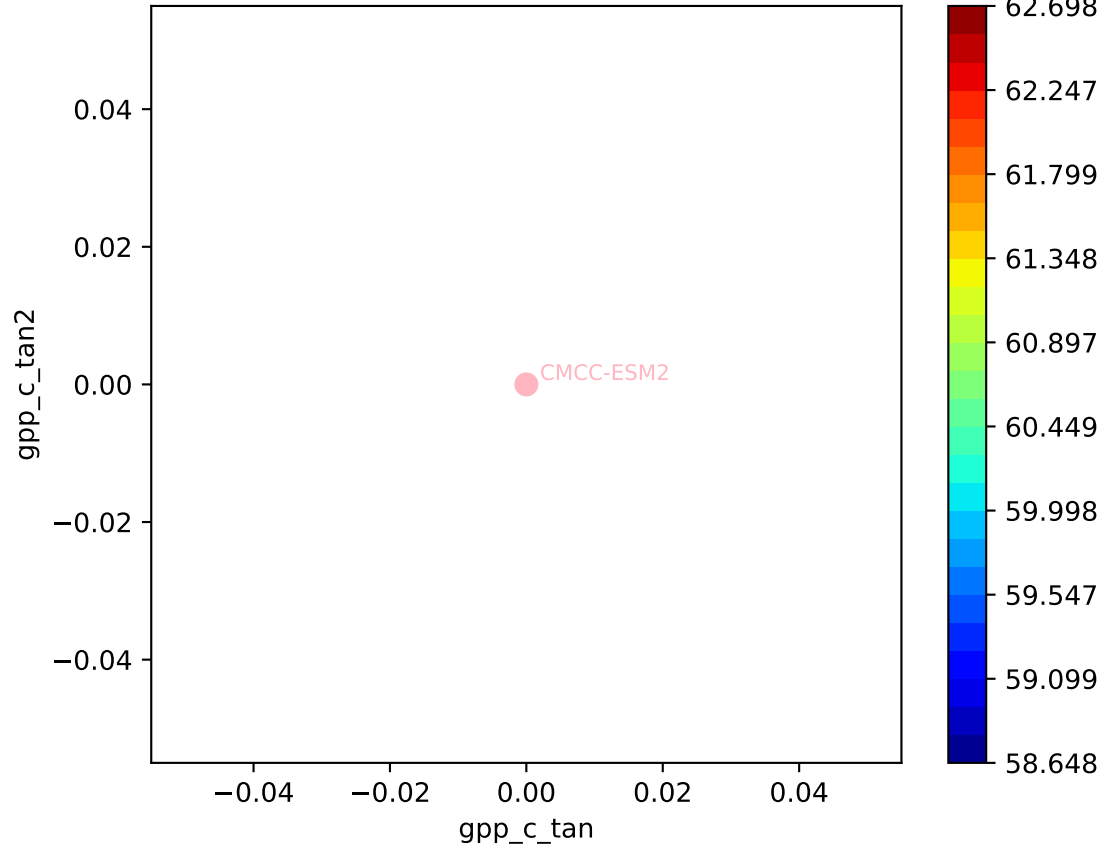


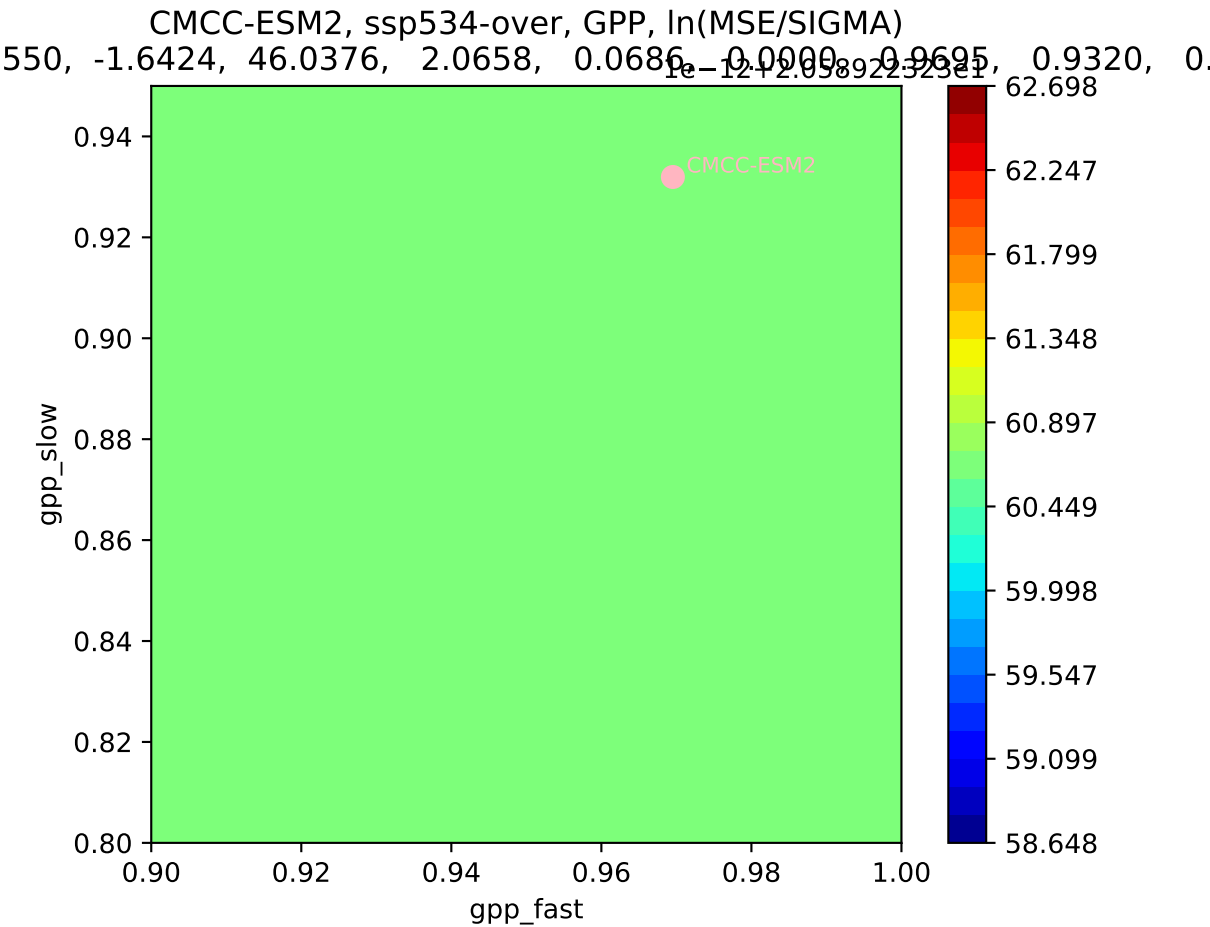


CMCC-ESM2, ssp534-over, GPP, ln(MSE/SIGMA)

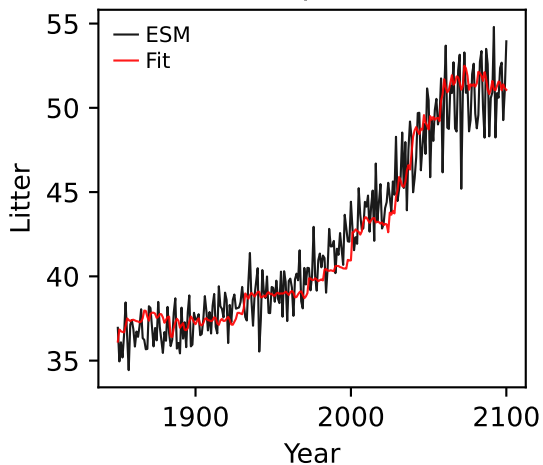
550, -1.6424, 46.0376, 2.0658, 0.0686, -0.0000, -0.9695, 0.9320, 0.0000

$1e-12$ , 2.0589, 2.3231, 62.698

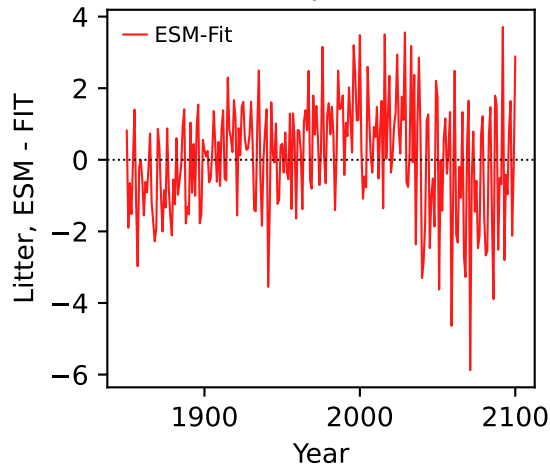




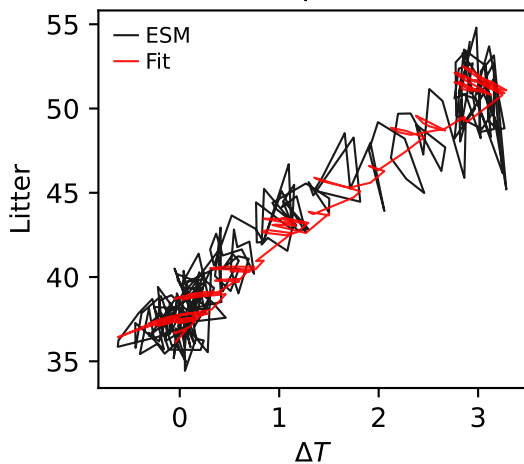
CMCC-ESM2, ssp534-over, Litter



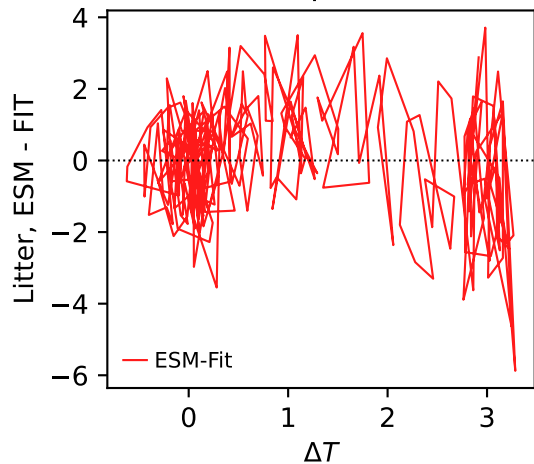
CMCC-ESM2, ssp534-over, Litter



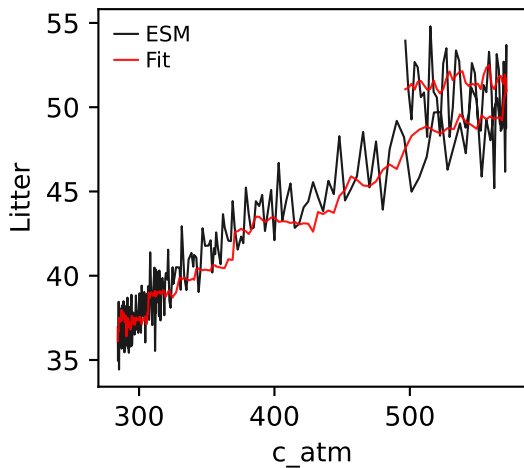
CMCC-ESM2, ssp534-over, Litter



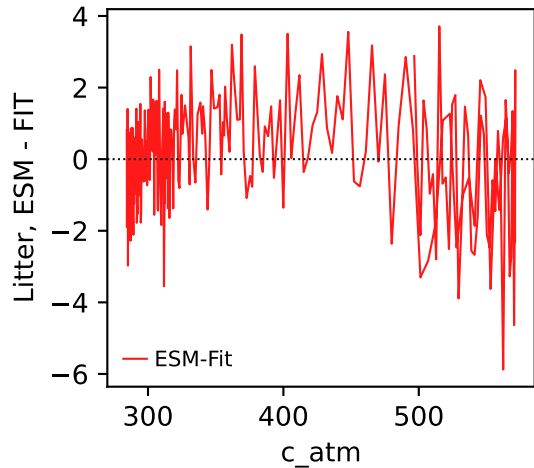
CMCC-ESM2, ssp534-over, Litter



CMCC-ESM2, ssp534-over, Litter



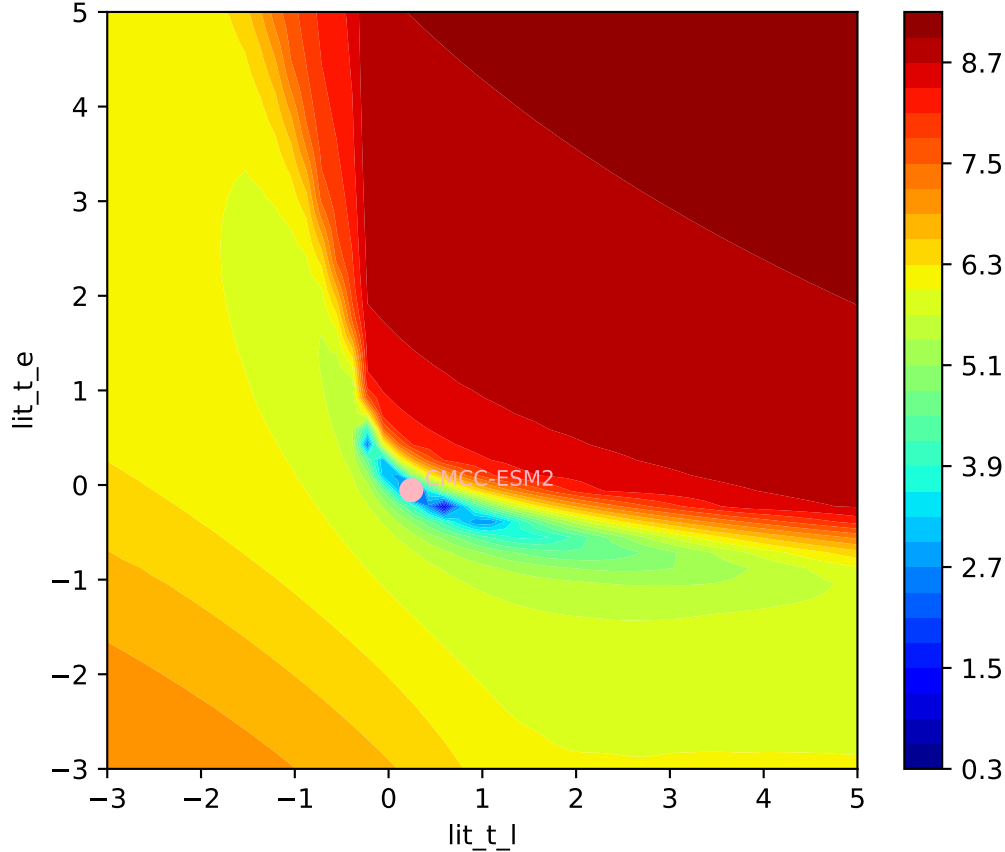
CMCC-ESM2, ssp534-over, Litter



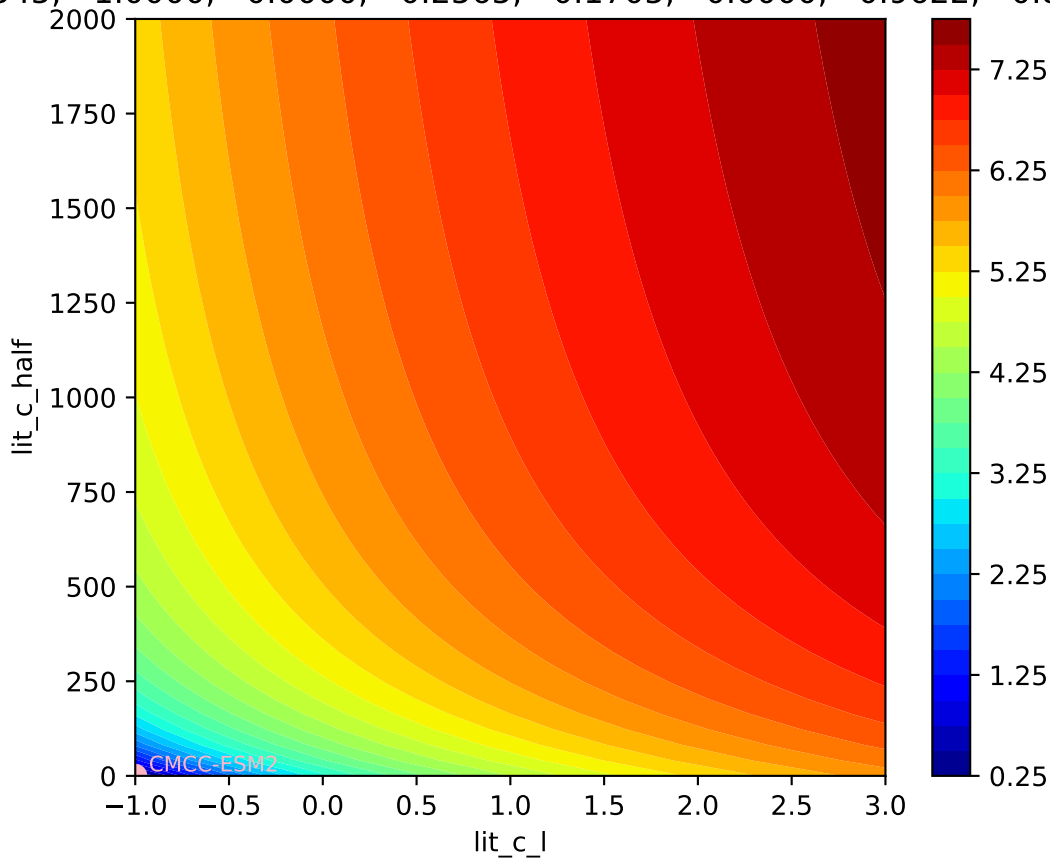


CMCC-ESM2, ssp534-over, Litter,  $\ln(\text{MSE}/\text{SIGMA})$

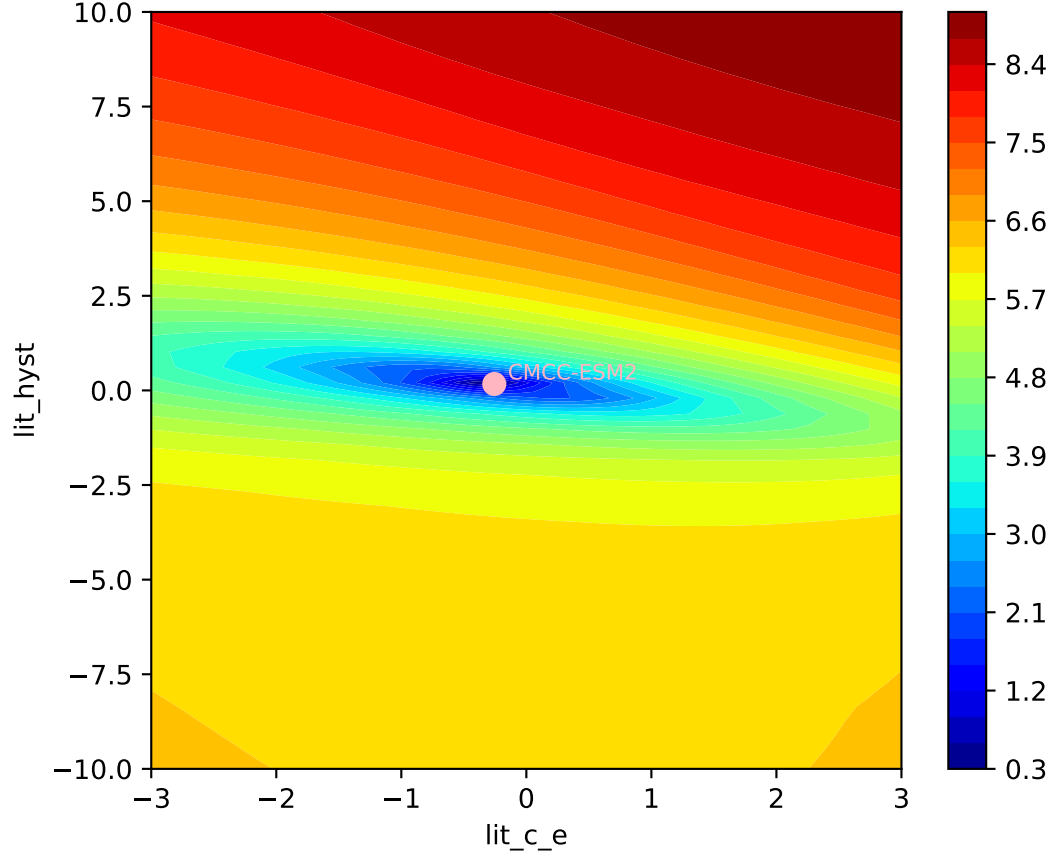
0.545, -1.0000, 0.0000, -0.2565, 0.1705, 0.0000, 0.9622, 0.8380, 0.



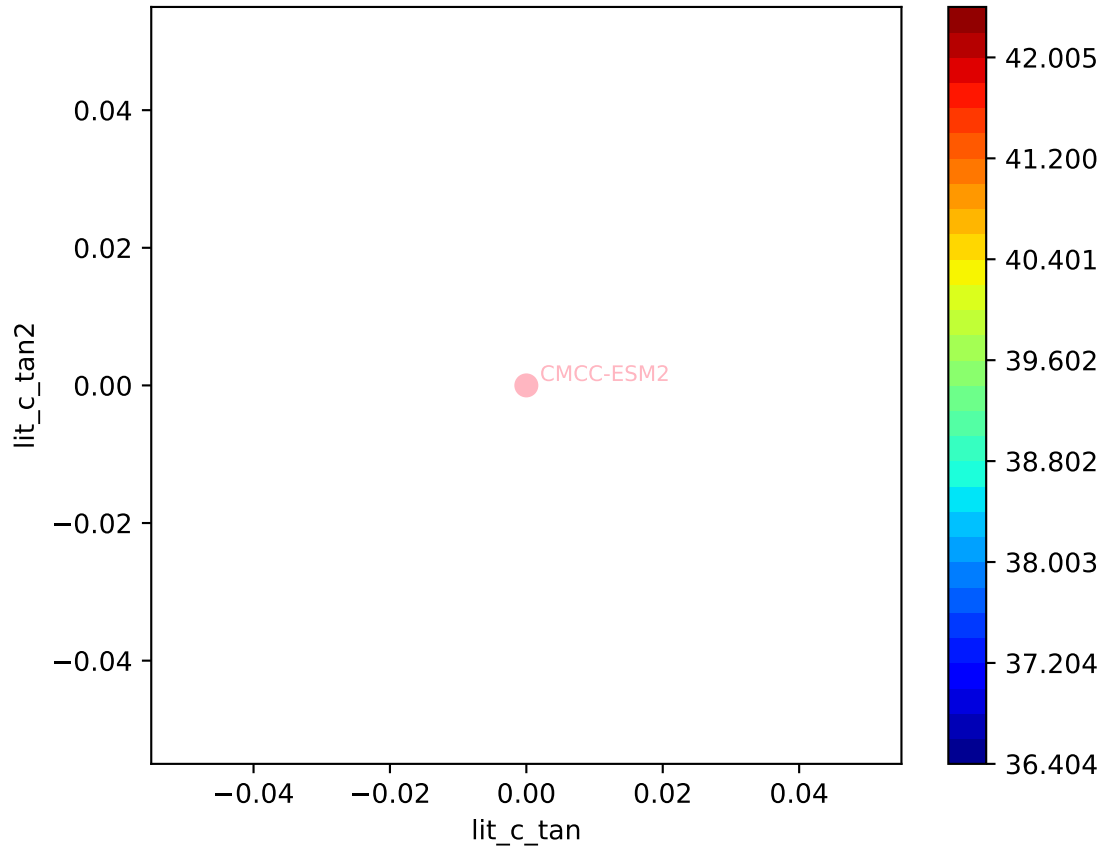
CMCC-ESM2, ssp534-over, Litter,  $\ln(\text{MSE}/\text{SIGMA})$



CMCC-ESM2, ssp534-over, Litter,  $\ln(\text{MSE}/\text{SIGMA})$

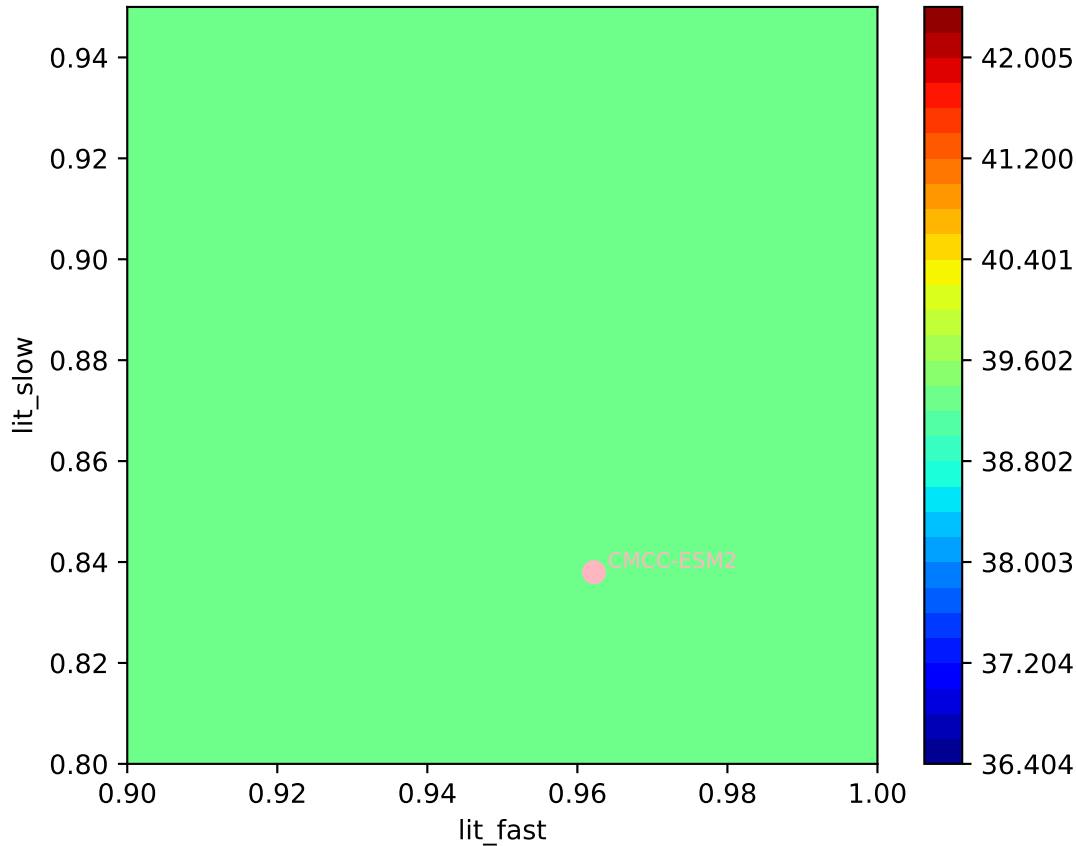


CMCC-ESM2, ssp534-over, Litter,  $\ln(\text{MSE}/\text{SIGMA})$   
545, -1.0000, 0.0000, -0.2565, 0.1705, -0.0000, -0.9622, 0.8380, 0.

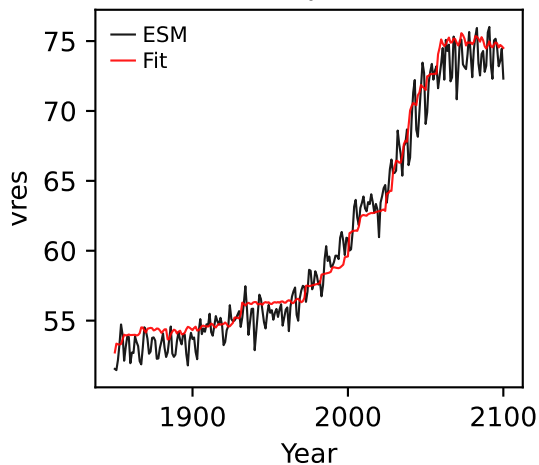


CMCC-ESM2, ssp534-over, Litter,  $\ln(\text{MSE}/\text{SIGMA})$

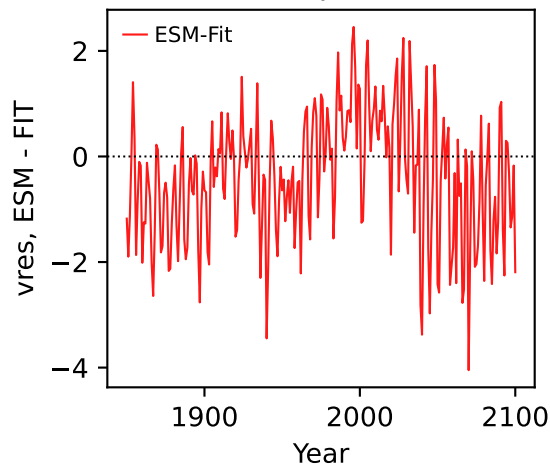
545, -1.0000, 0.0000, -0.2565, 0.1705,  $1e-14$ , -2.9972, 0.9622, 0.8380, 0.



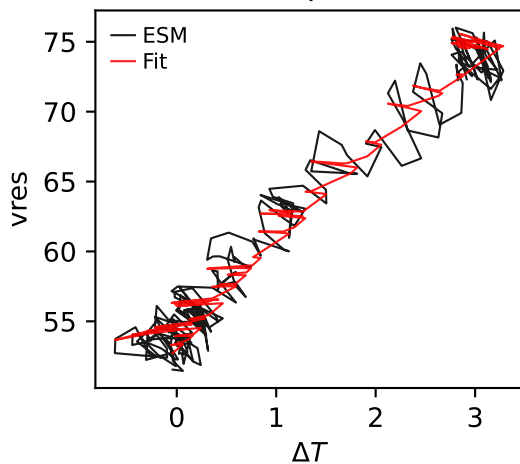
CMCC-ESM2, ssp534-over, vres



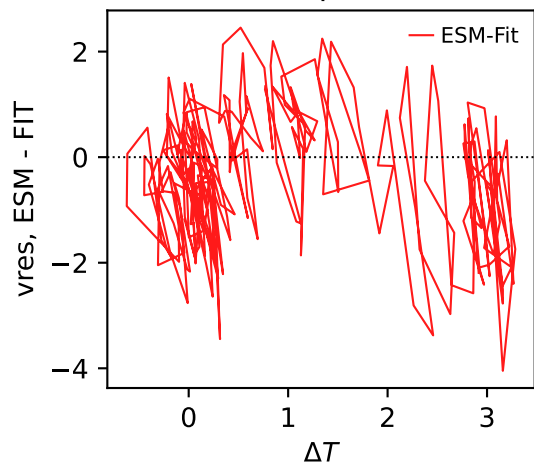
CMCC-ESM2, ssp534-over, vres



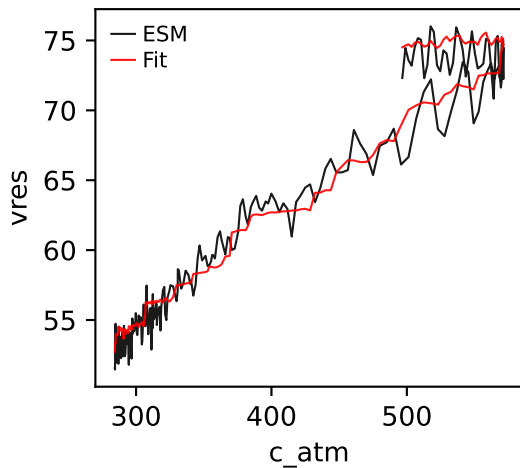
CMCC-ESM2, ssp534-over, vres



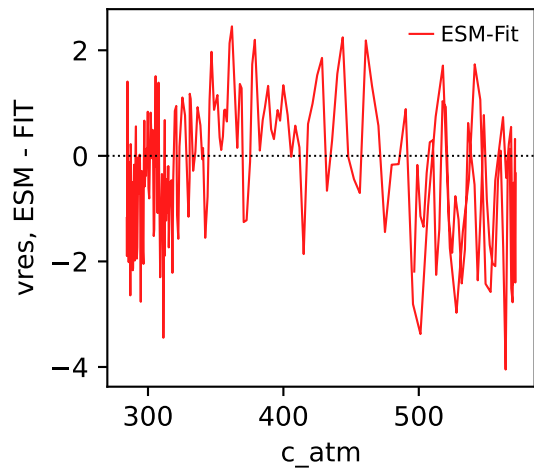
CMCC-ESM2, ssp534-over, vres



CMCC-ESM2, ssp534-over, vres

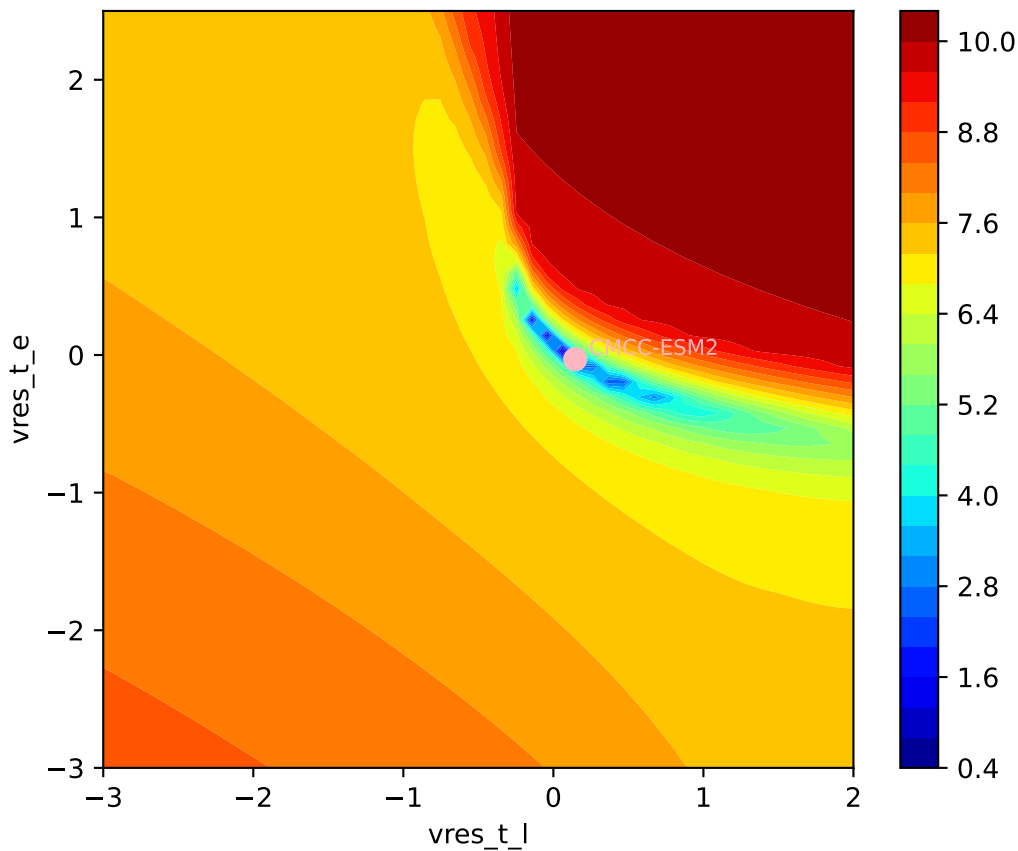


CMCC-ESM2, ssp534-over, vres

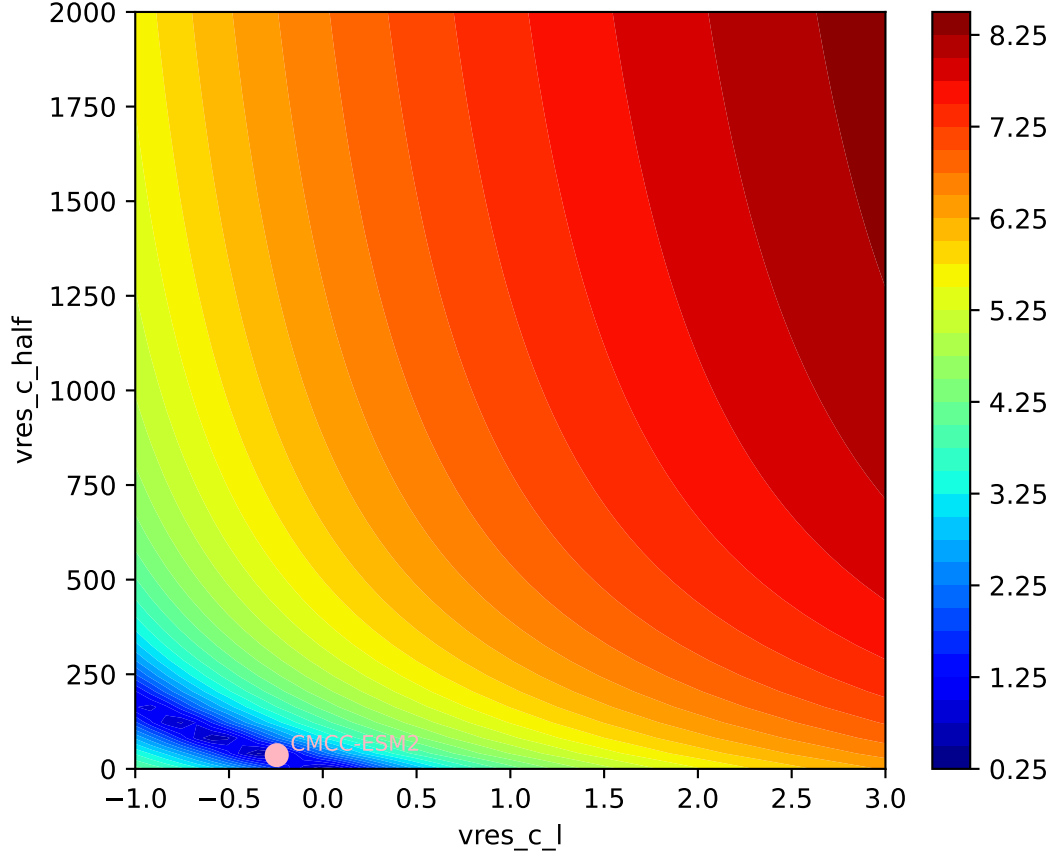


CMCC-ESM2, ssp534-over, vres, ln(MSE/SIGMA)

307, -0.2455, 36.2893, -0.7075, 0.1034, 0.0000, 0.9524, 0.8516, 0.



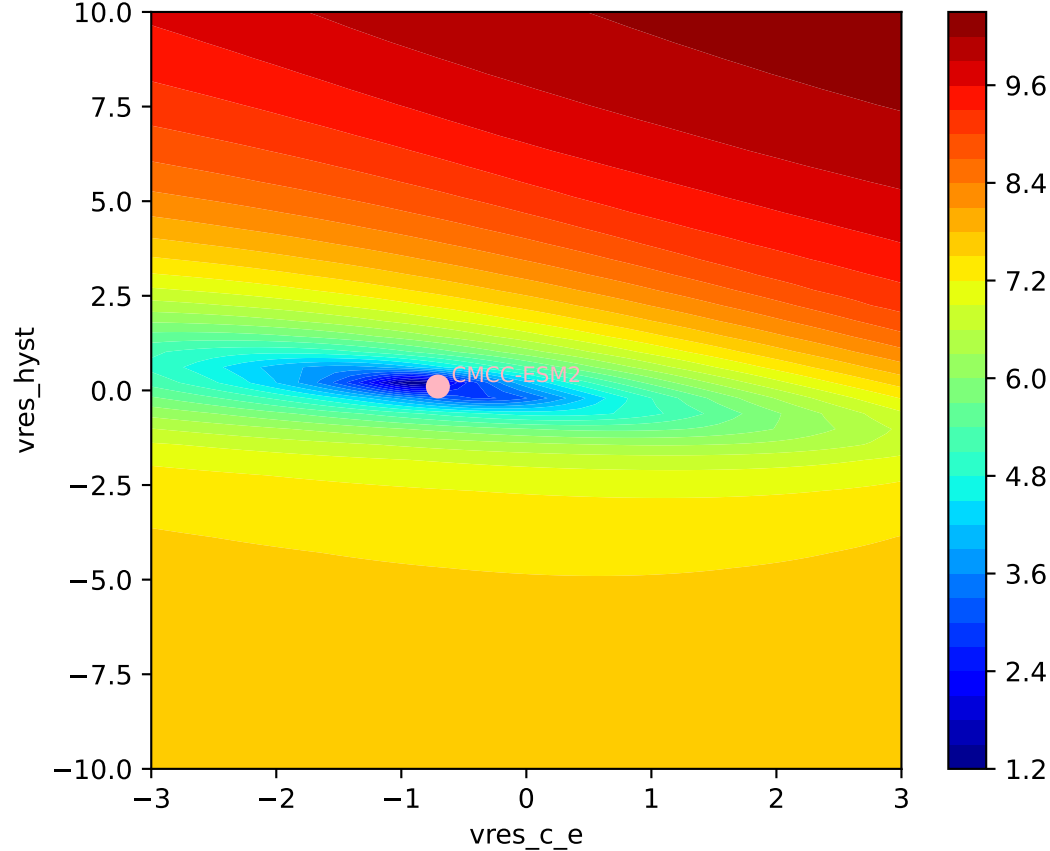
CMCC-ESM2, ssp534-over, vres,  $\ln(\text{MSE}/\text{SIGMA})$   
307, -0.2455, 36.2893, -0.7075, 0.1034, 0.0000, 0.9524, 0.8516, 0.





CMCC-ESM2, ssp534-over, vres, ln(MSE/SIGMA)

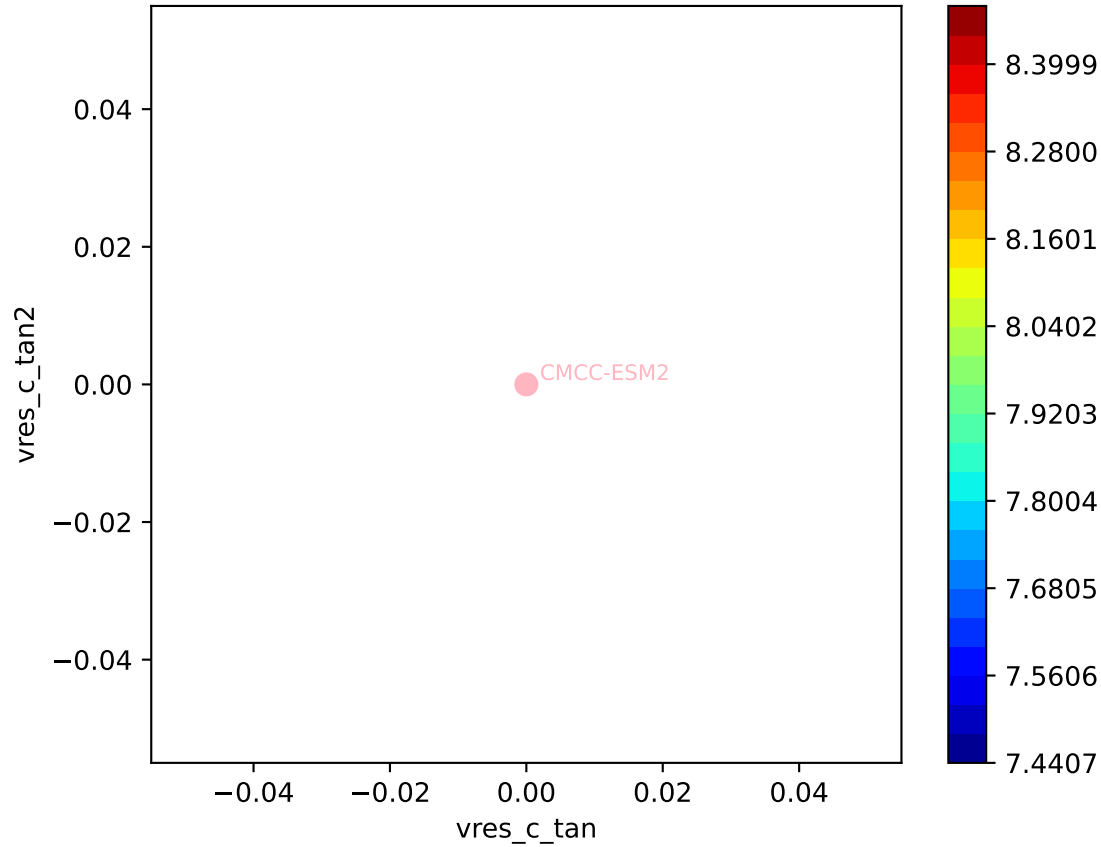
307, -0.2455, 36.2893, -0.7075, 0.1034, 0.0000, 0.9524, 0.8516, 0.0000



CMCC-ESM2, ssp534-over, vres, ln(MSE/SIGMA)

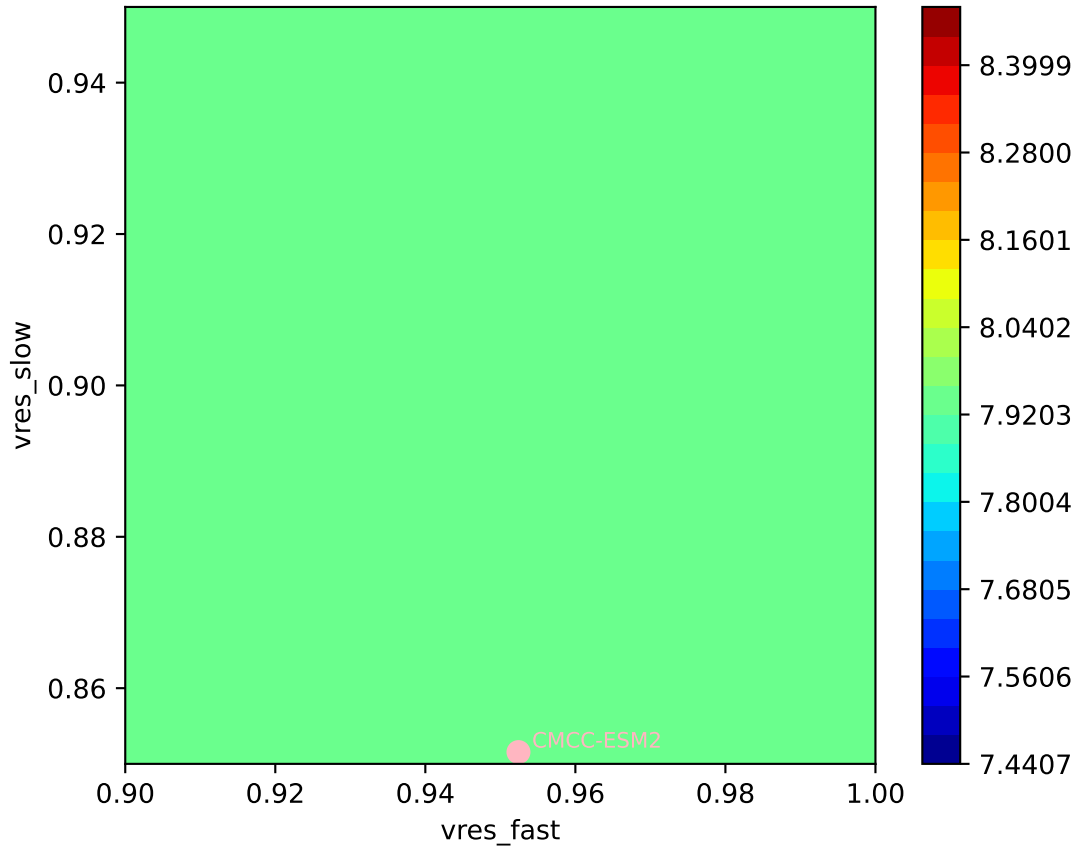
307, -0.2455, 36.2893, -0.7075, 0.1034, 0.0000, 0.9524, 0.8516, 0.0000

$1e-13$   $1e-13$   $1e-13$   $1e-13$   $1e-13$   $1e-13$   $1e-13$   $1e-13$   $1e-13$

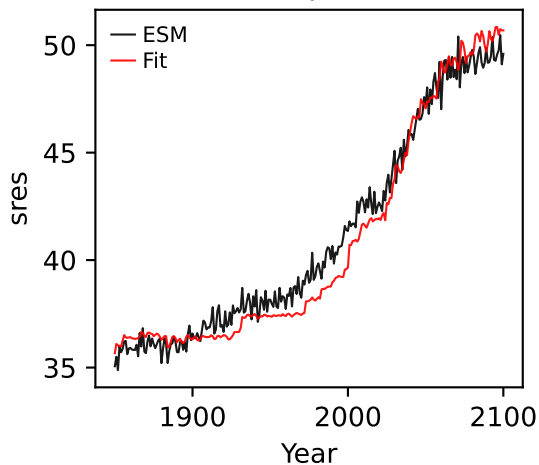


CMCC-ESM2, ssp534-over, vres, ln(MSE/SIGMA)

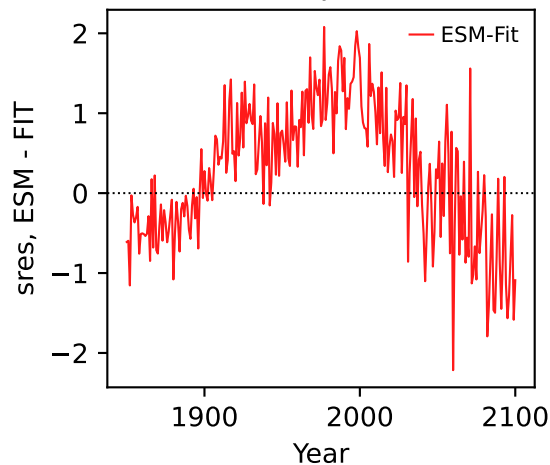
307, -0.2455, 36.2893, -0.7075, 0.1034, 0.0000, 0.9524, 0.8516, 0.0000



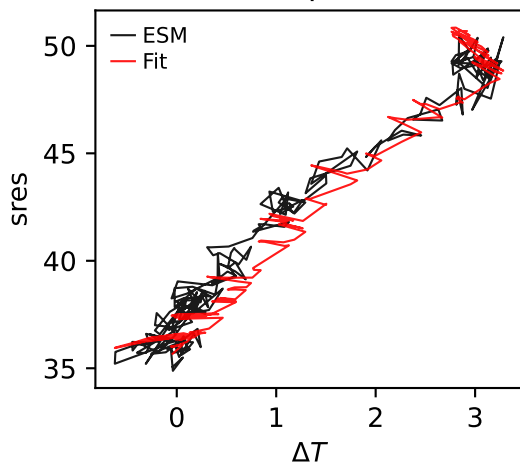
CMCC-ESM2, ssp534-over, sres



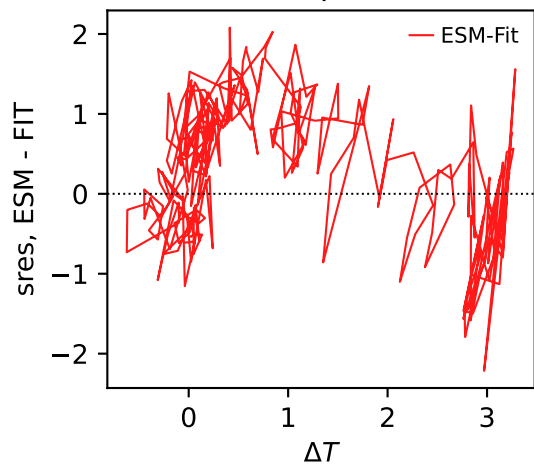
CMCC-ESM2, ssp534-over, sres



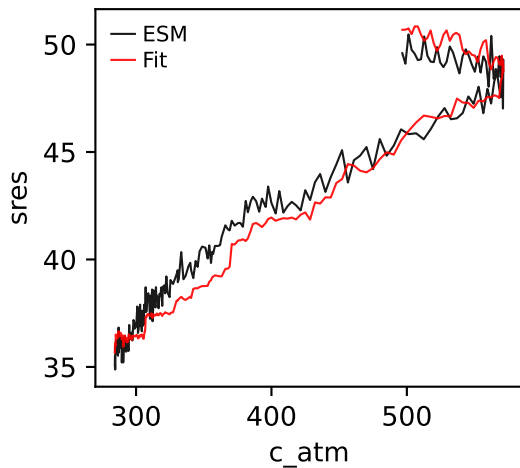
CMCC-ESM2, ssp534-over, sres



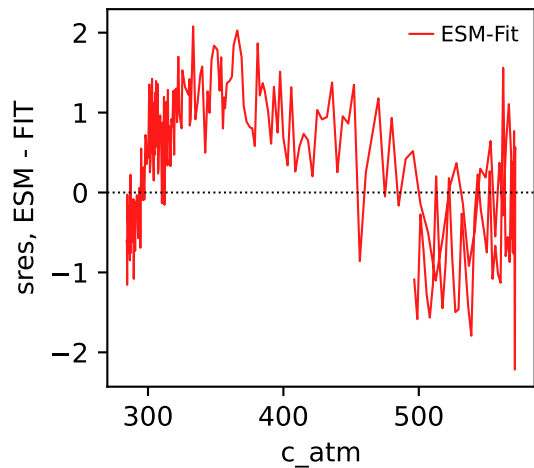
CMCC-ESM2, ssp534-over, sres



CMCC-ESM2, ssp534-over, sres

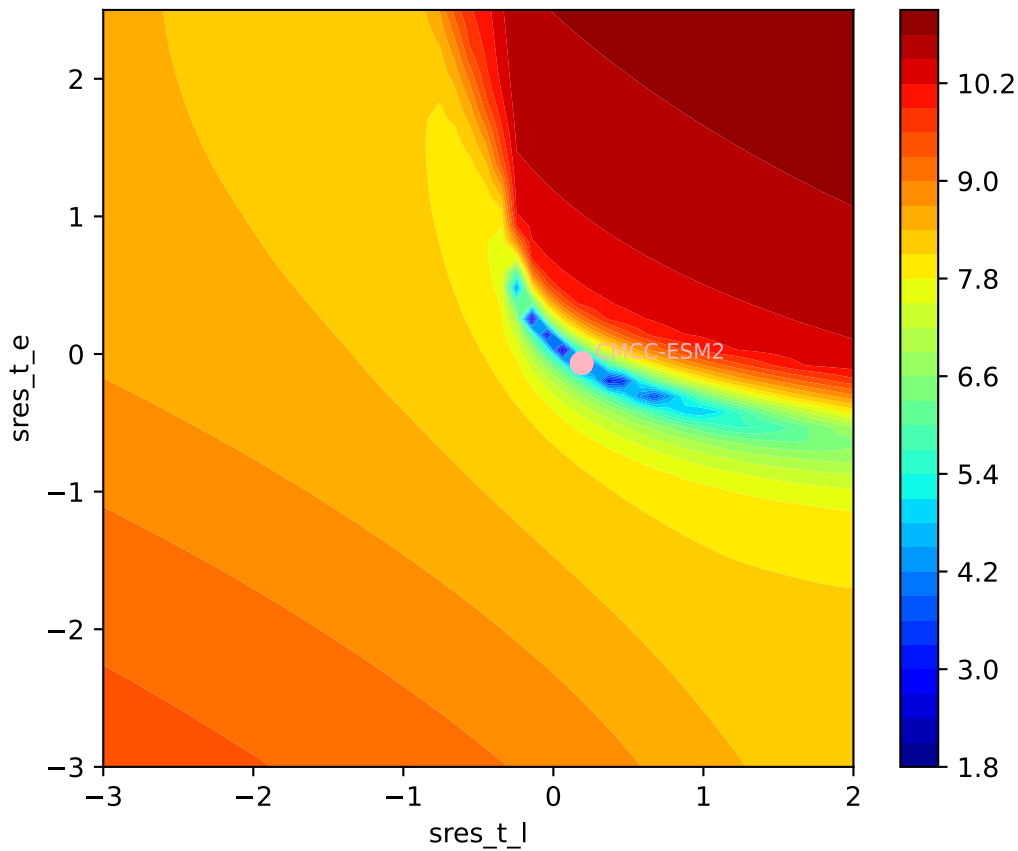


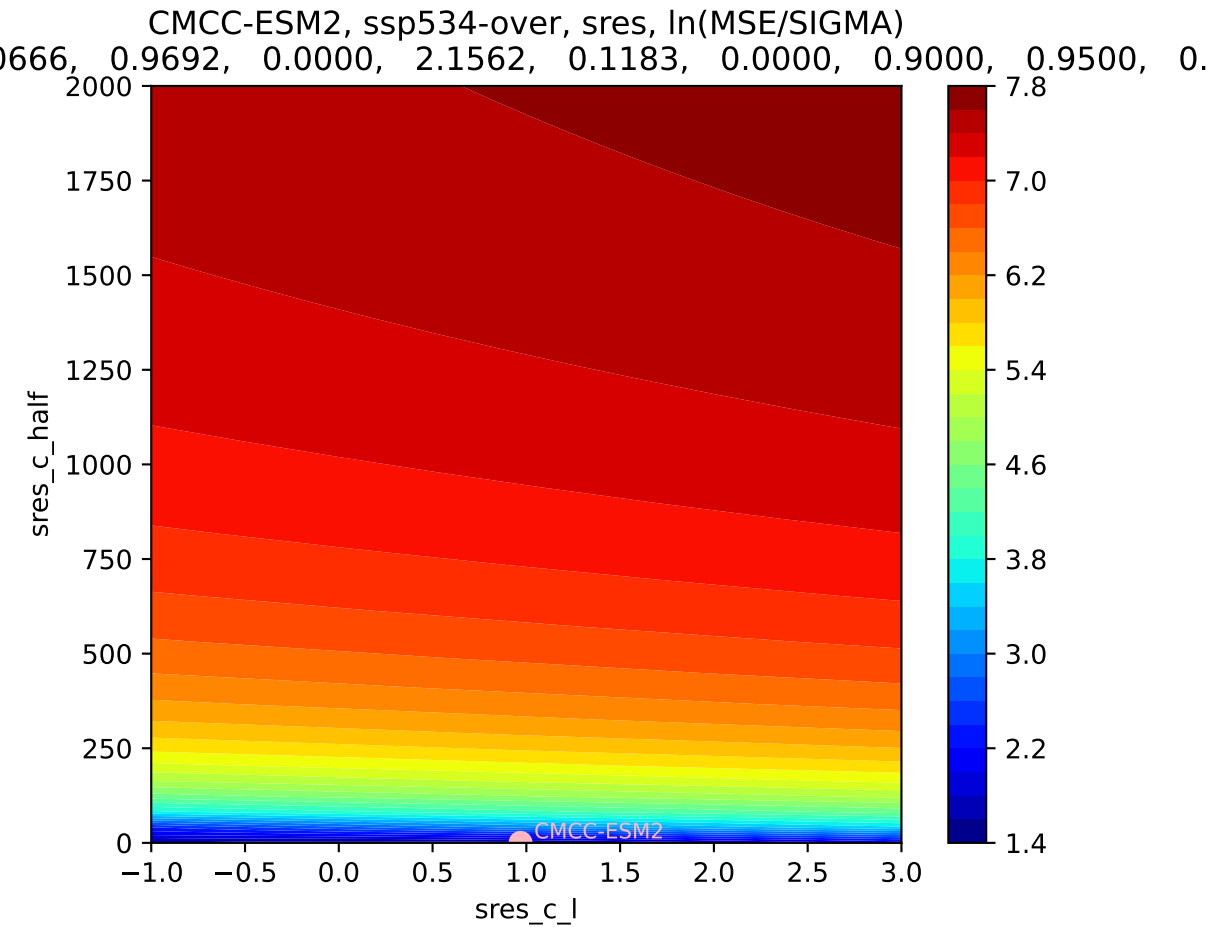
CMCC-ESM2, ssp534-over, sres

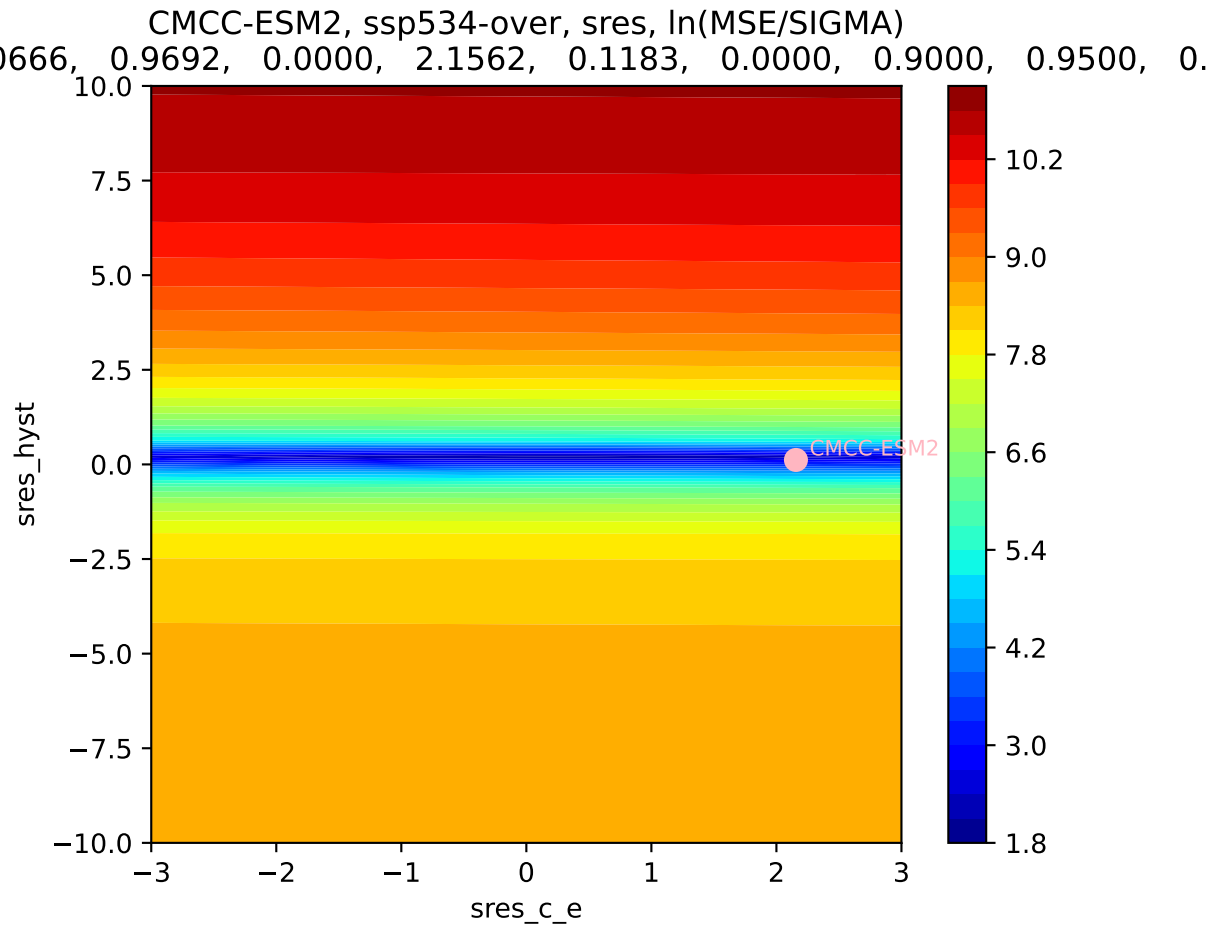


CMCC-ESM2, ssp534-over, sres, ln(MSE/SIGMA)

0666, 0.9692, 0.0000, 2.1562, 0.1183, 0.0000, 0.9000, 0.9500, 0.

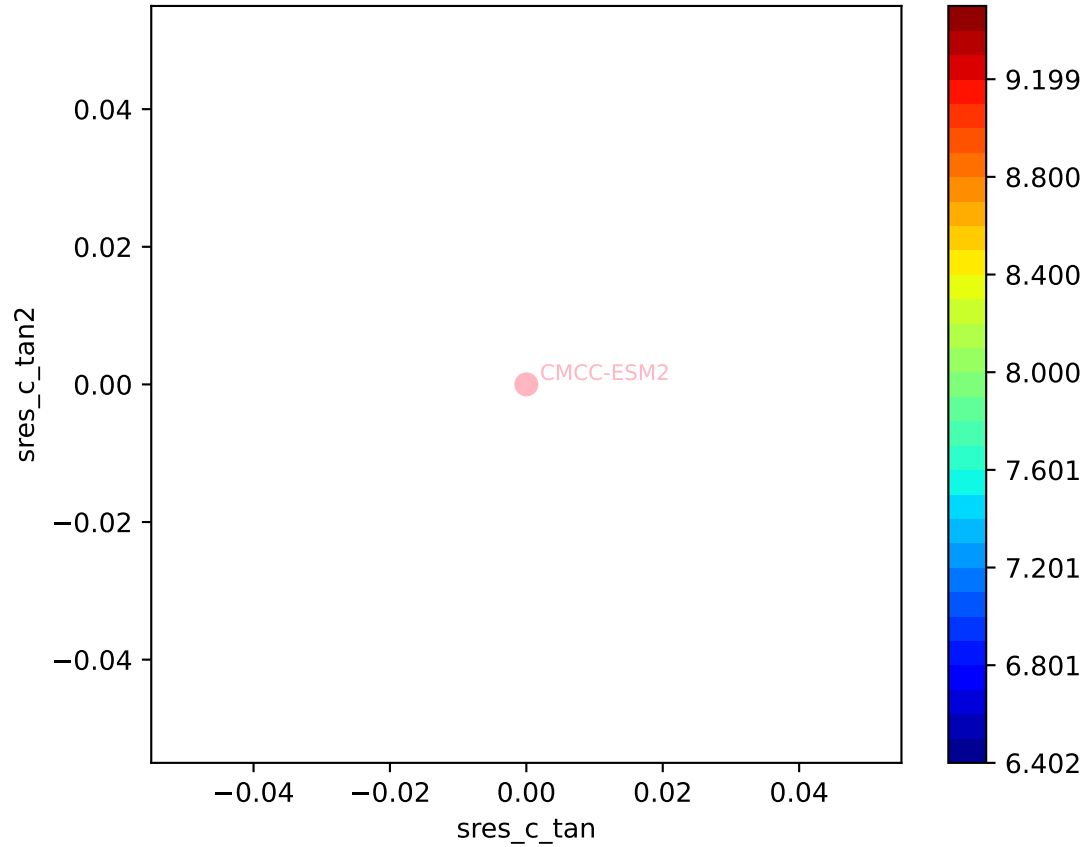




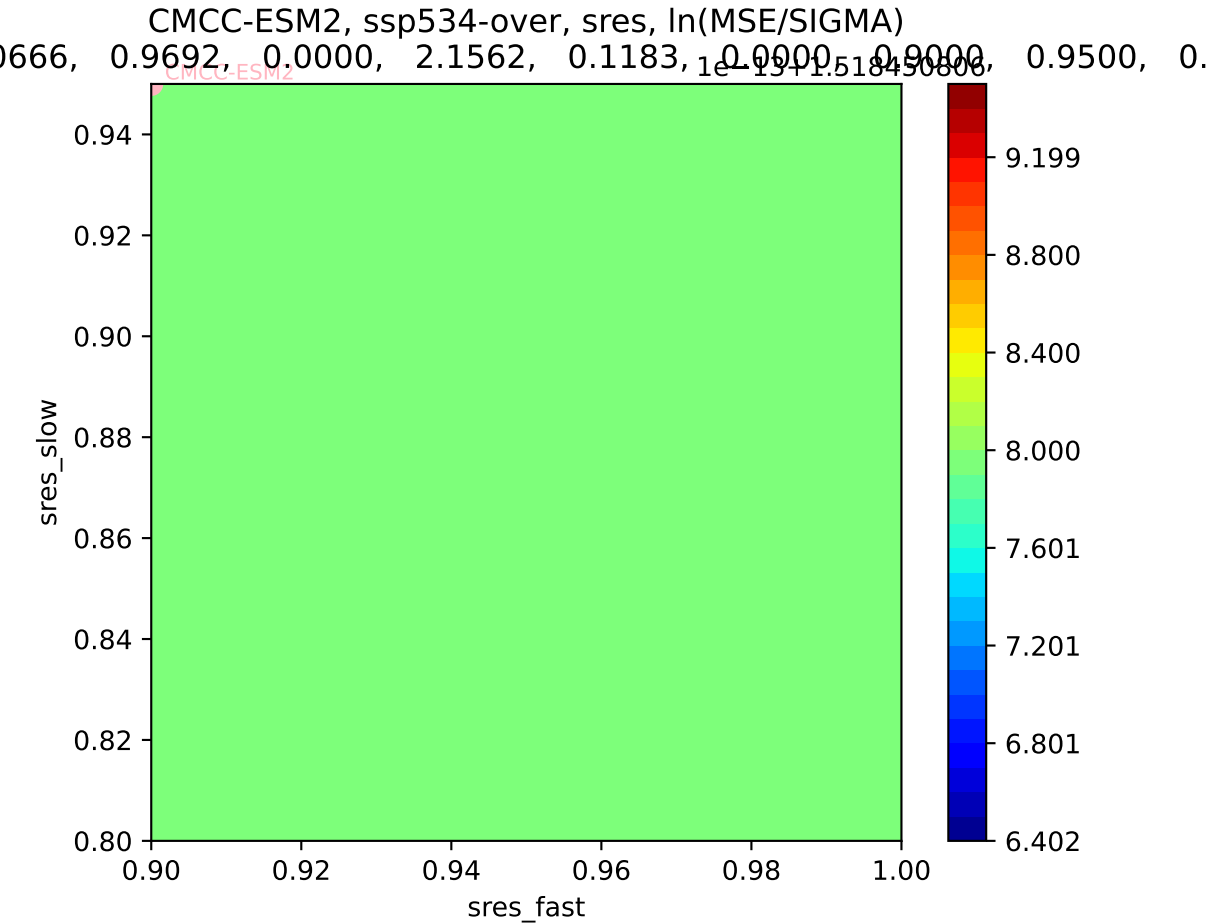


CMCC-ESM2, ssp534-over, sres, ln(MSE/SIGMA)

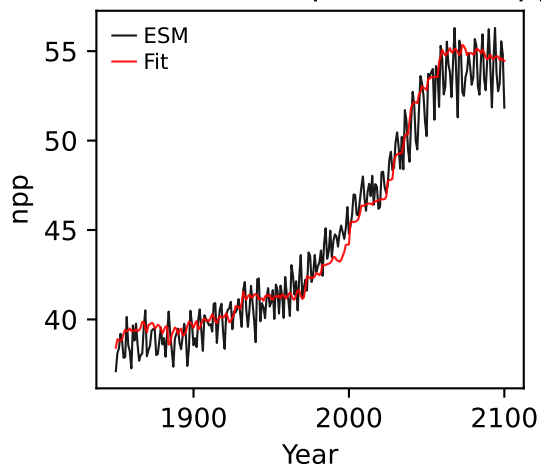
0.666, 0.9692, 0.0000, 2.1562, 0.1183, 1e-13, 1.518450806, 0.9500, 0.



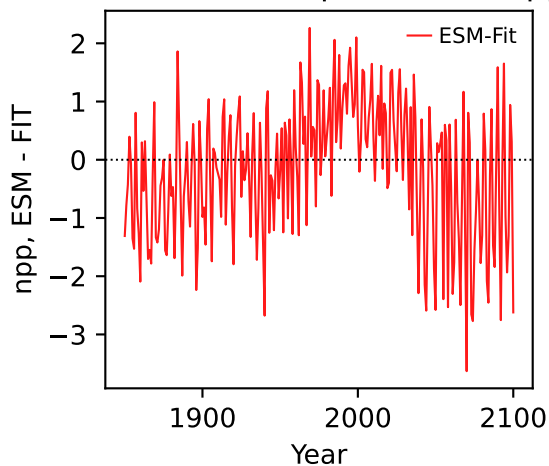




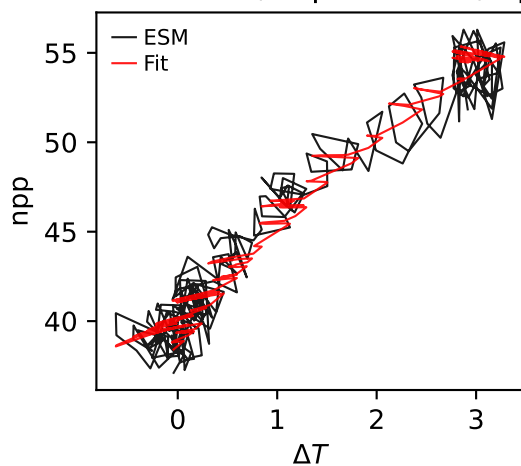
CMCC-ESM2, ssp534-over, npp



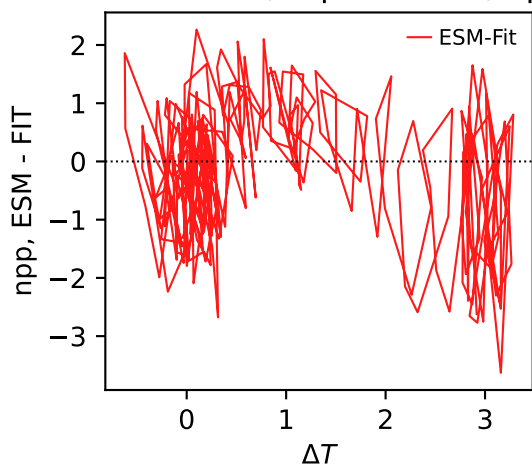
CMCC-ESM2, ssp534-over, npp



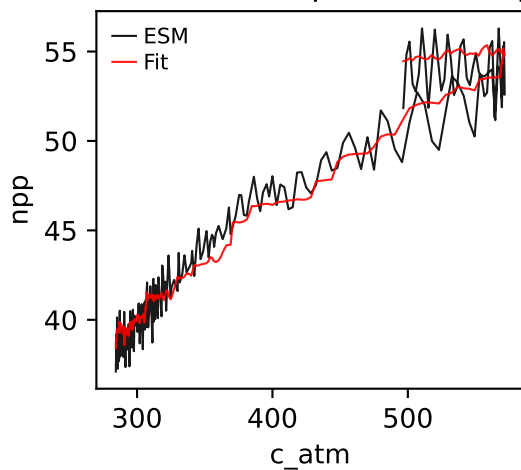
CMCC-ESM2, ssp534-over, npp



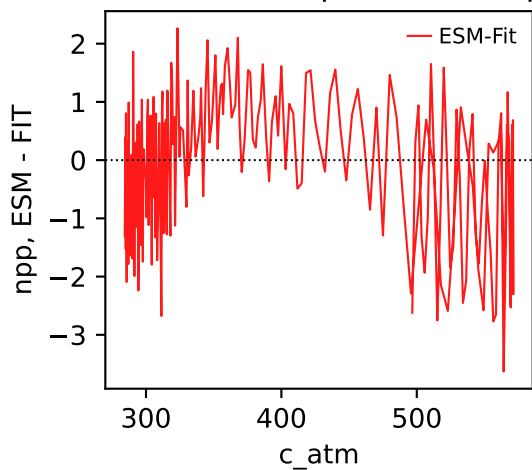
CMCC-ESM2, ssp534-over, npp



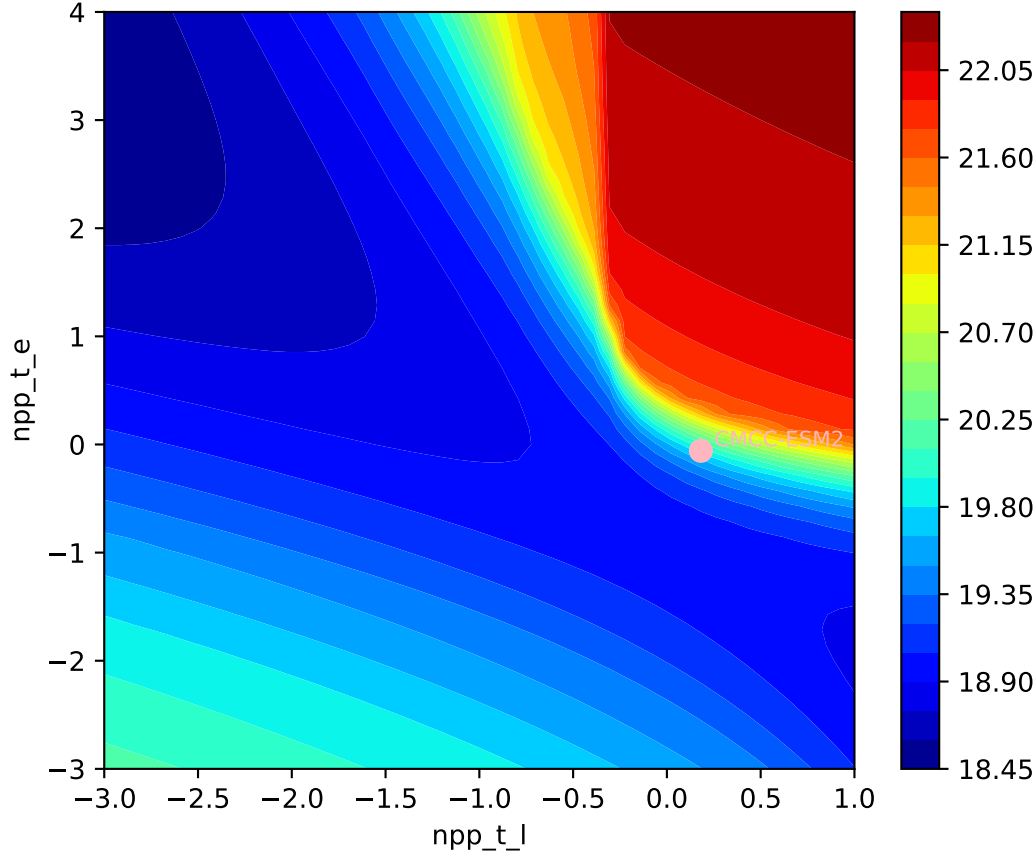
CMCC-ESM2, ssp534-over, npp



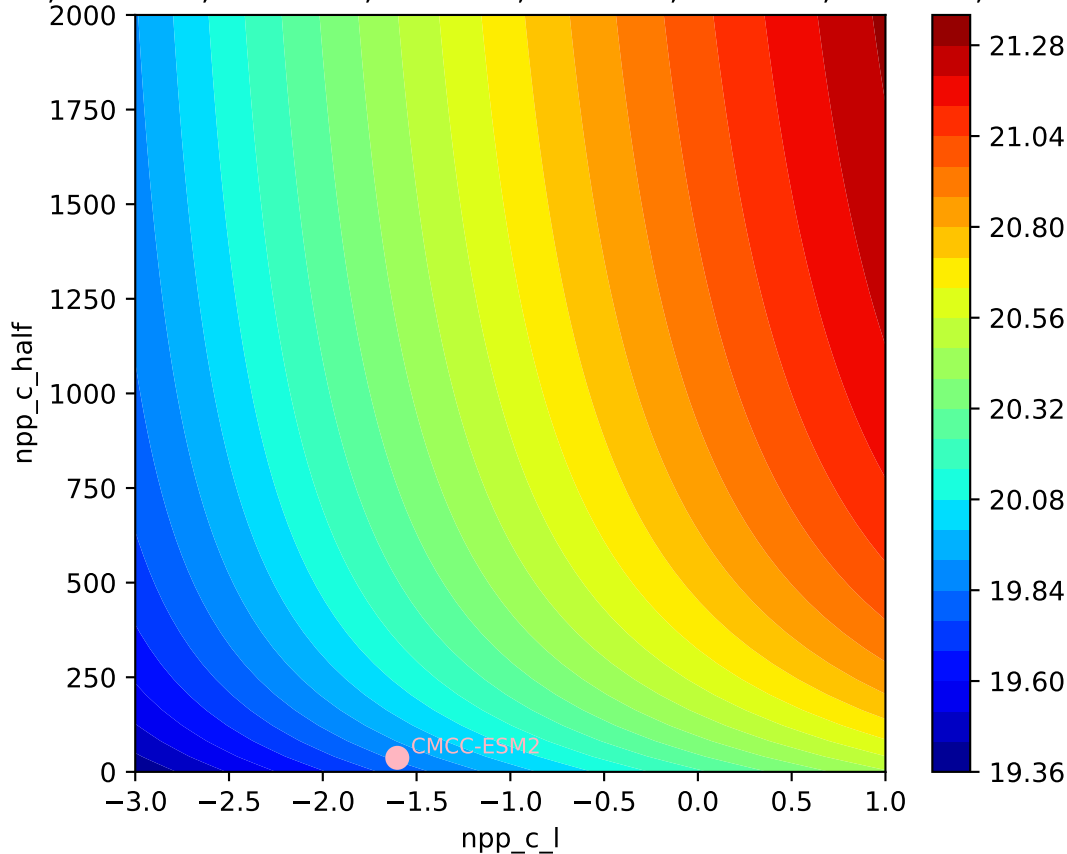
CMCC-ESM2, ssp534-over, npp

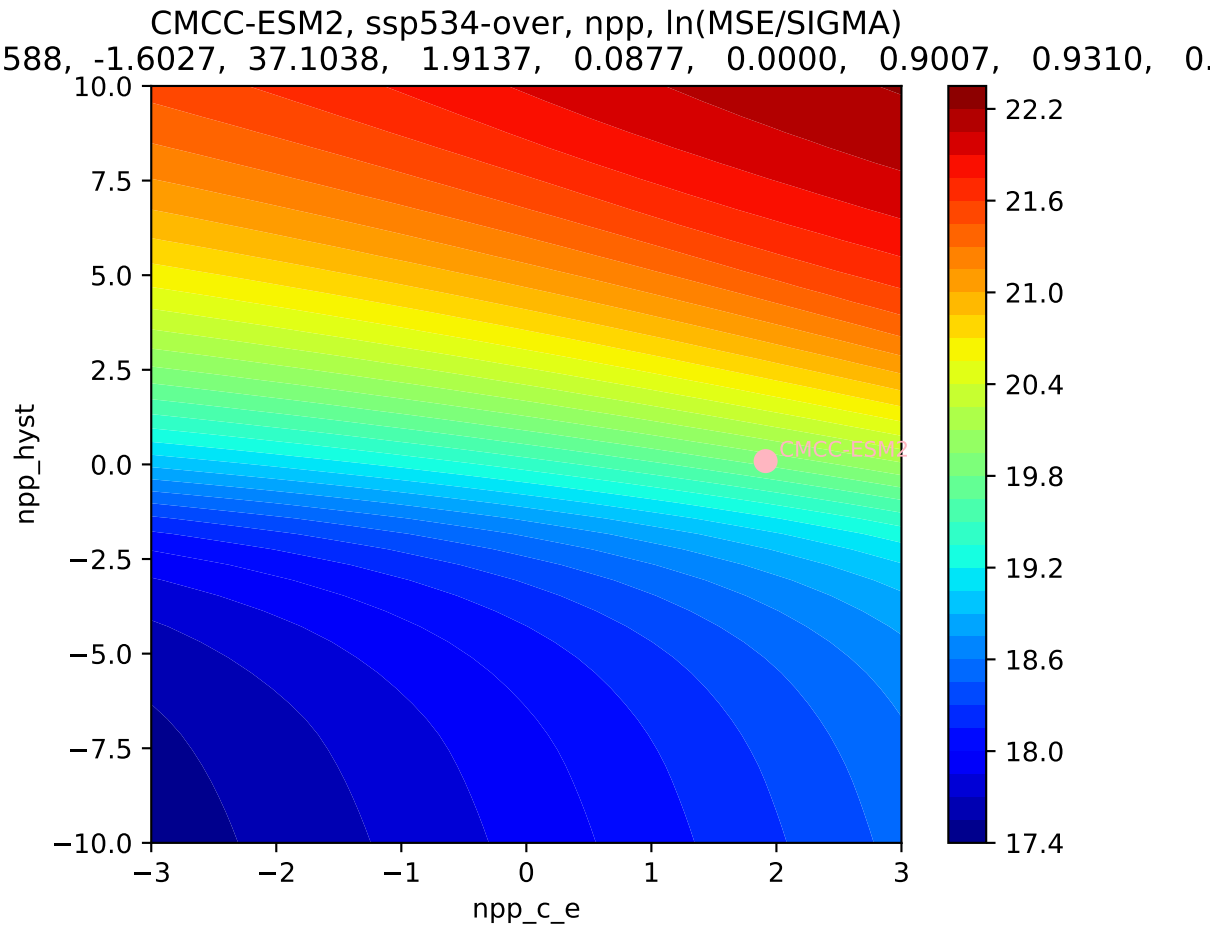


CMCC-ESM2, ssp534-over, npp,  $\ln(\text{MSE}/\text{SIGMA})$   
588, -1.6027, 37.1038, 1.9137, 0.0877, 0.0000, 0.9007, 0.9310, 0.0000



CMCC-ESM2, ssp534-over, npp,  $\ln(\text{MSE}/\text{SIGMA})$   
588, -1.6027, 37.1038, 1.9137, 0.0877, 0.0000, 0.9007, 0.9310, 0.0000

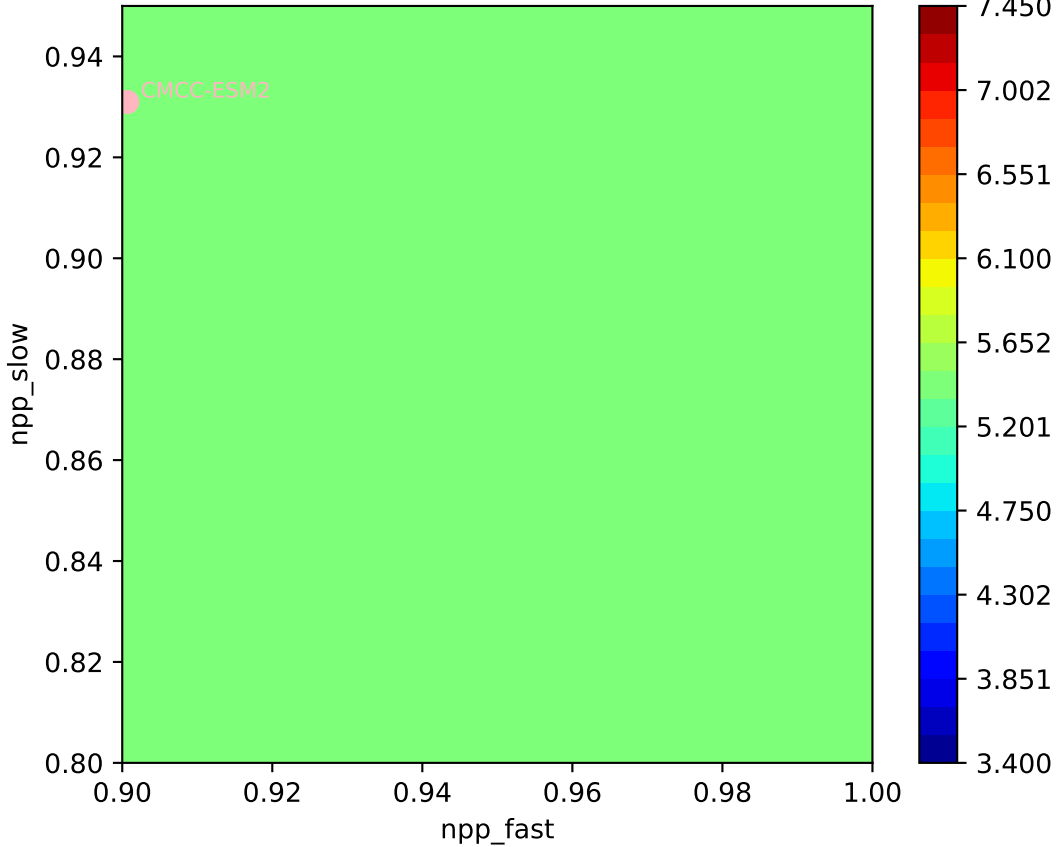


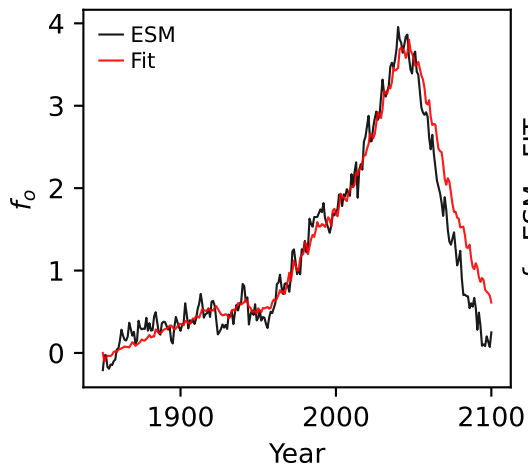
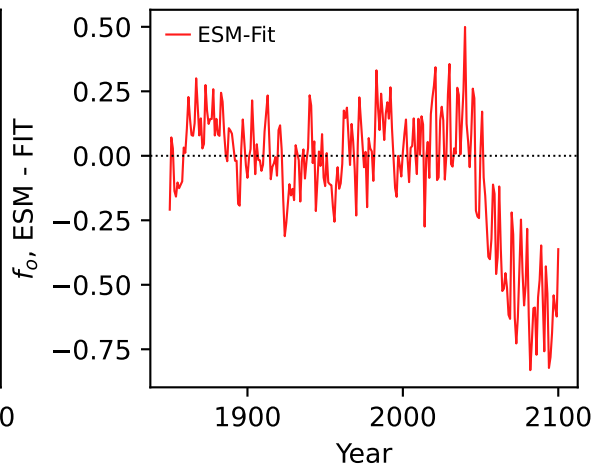
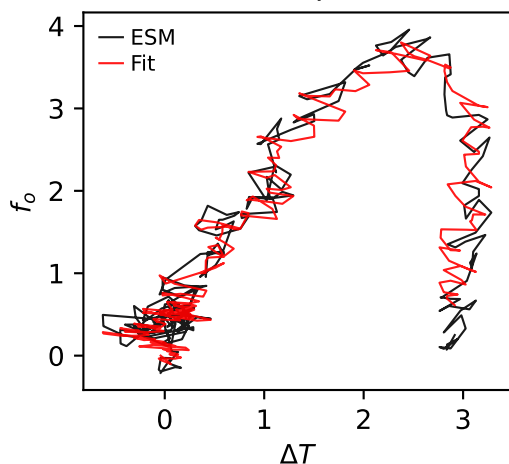
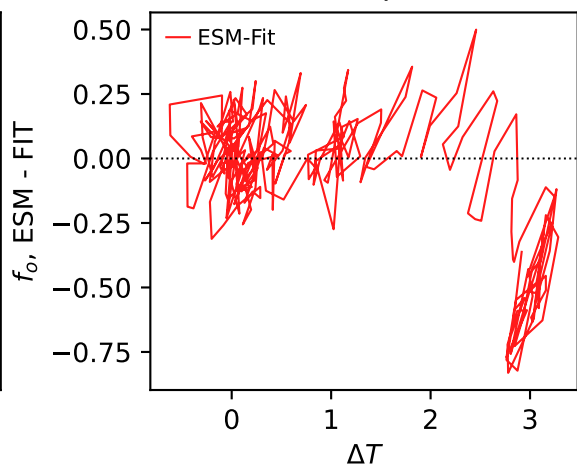
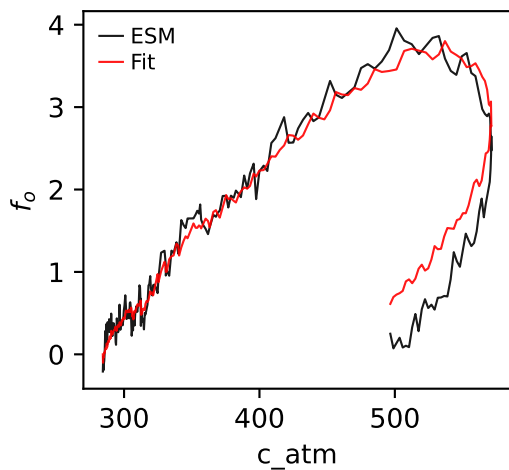
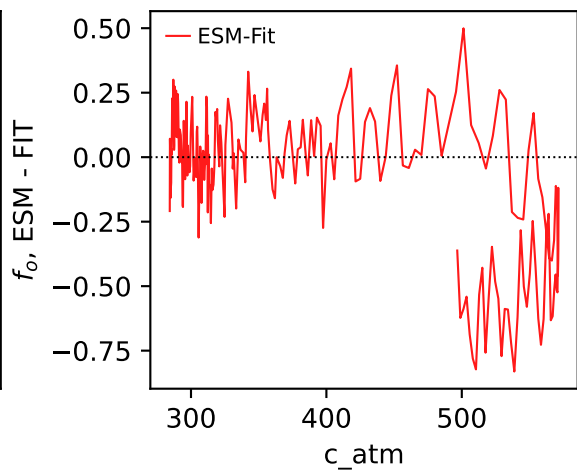


CMCC-ESM2, ssp534-over, npp, ln(MSE/SIGMA)

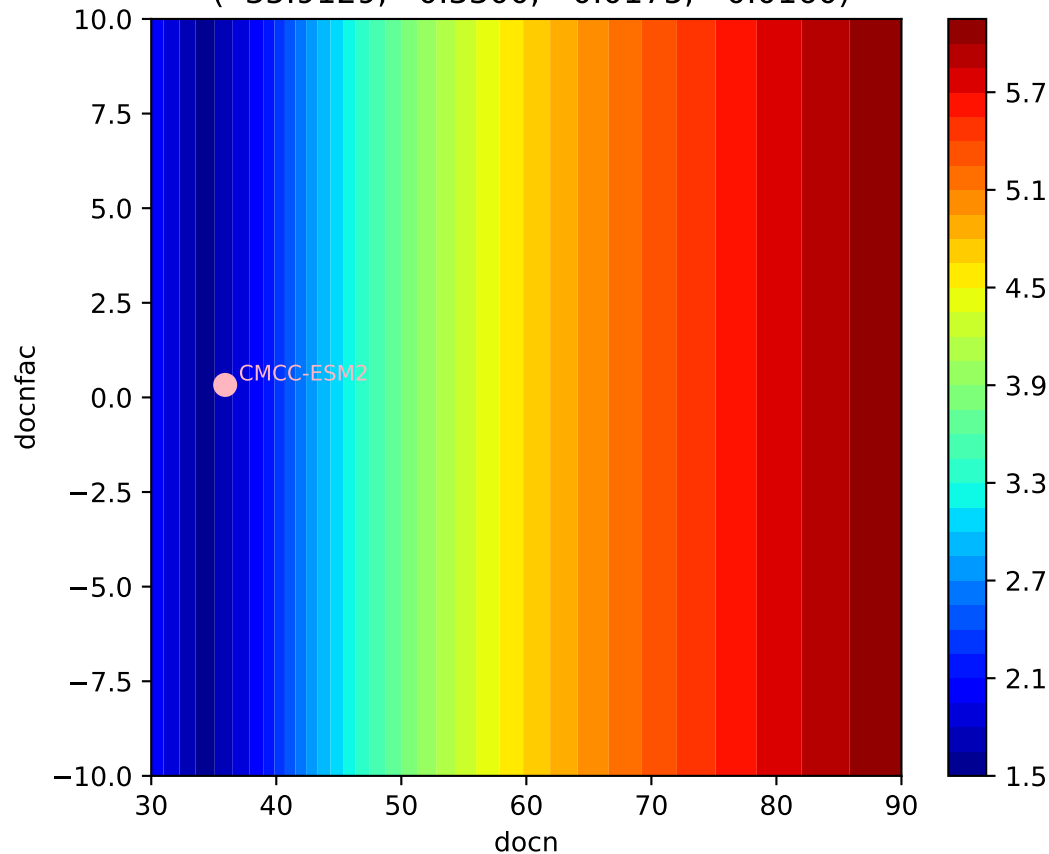
588, -1.6027, 37.1038, 1.9137, 0.0877, -0.0000, -0.0007, 0.9310, 0.0000

$1e-12$  1.9856336417



CMCC-ESM2, ssp534-over,  $f_o$ CMCC-ESM2, ssp534-over,  $f_o$ CMCC-ESM2, ssp534-over,  $f_o$ CMCC-ESM2, ssp534-over,  $f_o$ CMCC-ESM2, ssp534-over,  $f_o$ CMCC-ESM2, ssp534-over,  $f_o$ 

CMCC-ESM2, ssp534-over,  $f_o$ ,  $\ln(\text{MSE}/\text{SIGMA})$   
( 35.9129, 0.3300, -0.0175, -0.0160)





CMCC-ESM2, ssp534-over,  $f_o$ ,  $\ln(\text{MSE}/\text{SIGMA})$   
( 35.9129, 0.3300, -0.0175, -0.0160)

