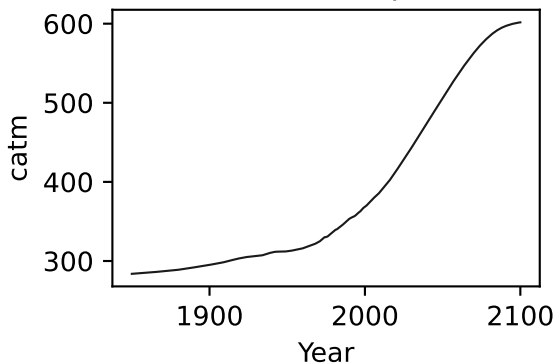
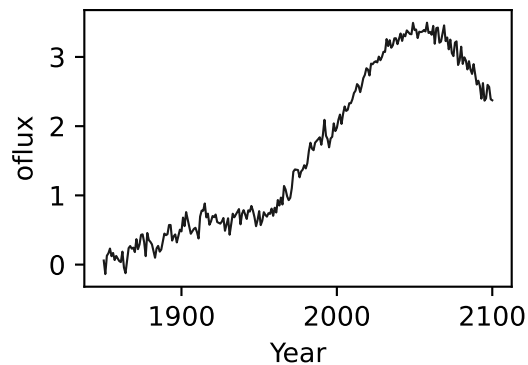
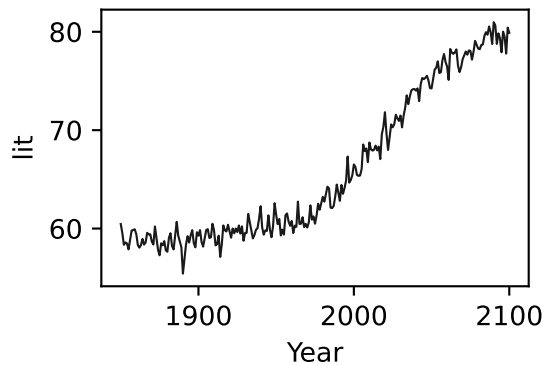
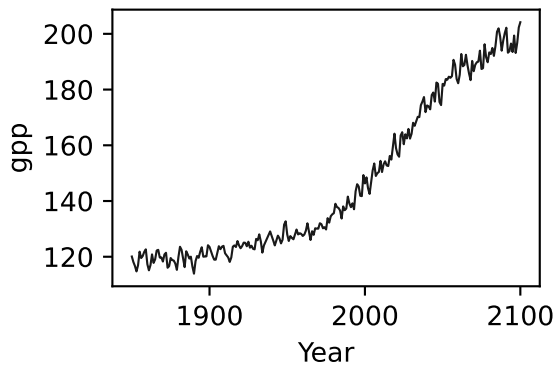
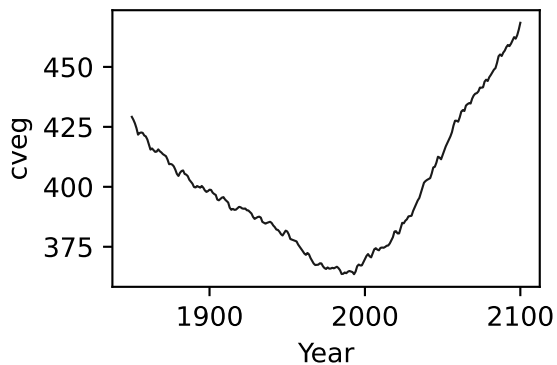
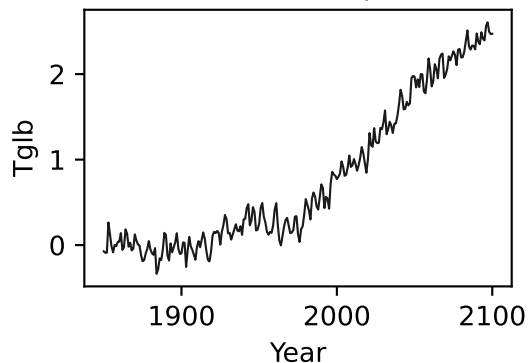


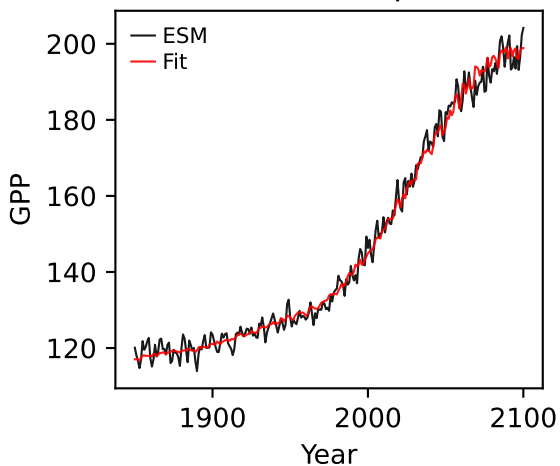
MPI-ESM1-2-LR, ssp245, GPP



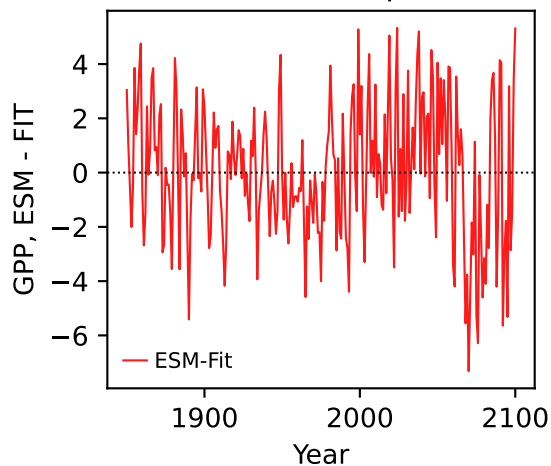
MPI-ESM1-2-LR, ssp245, GPP



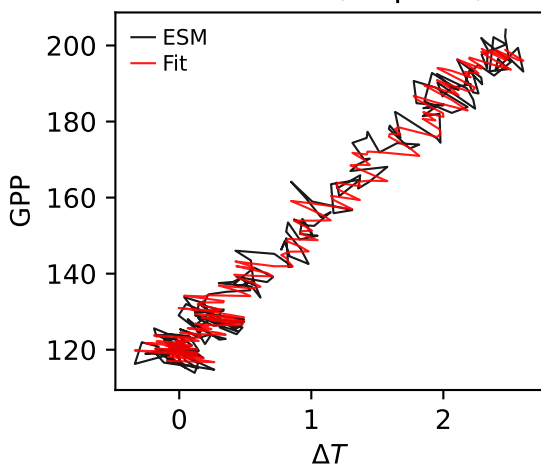
MPI-ESM1-2-LR, ssp245, GPP



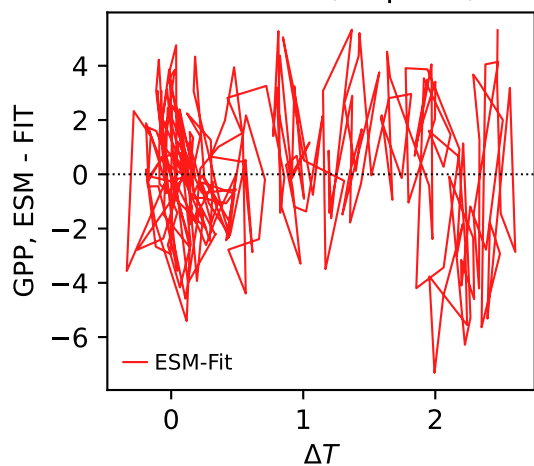
MPI-ESM1-2-LR, ssp245, GPP



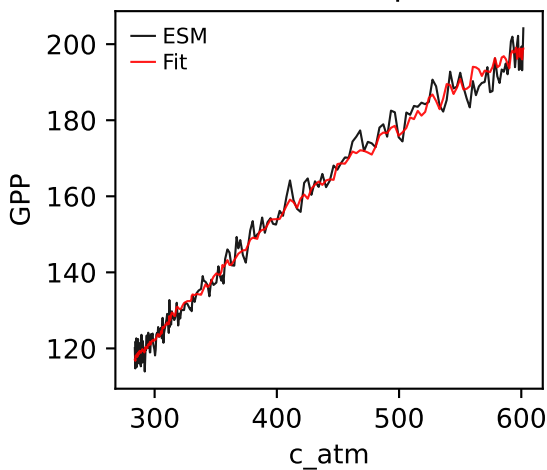
MPI-ESM1-2-LR, ssp245, GPP



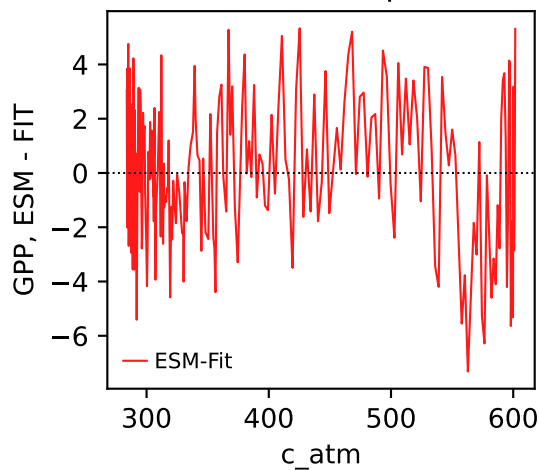
MPI-ESM1-2-LR, ssp245, GPP



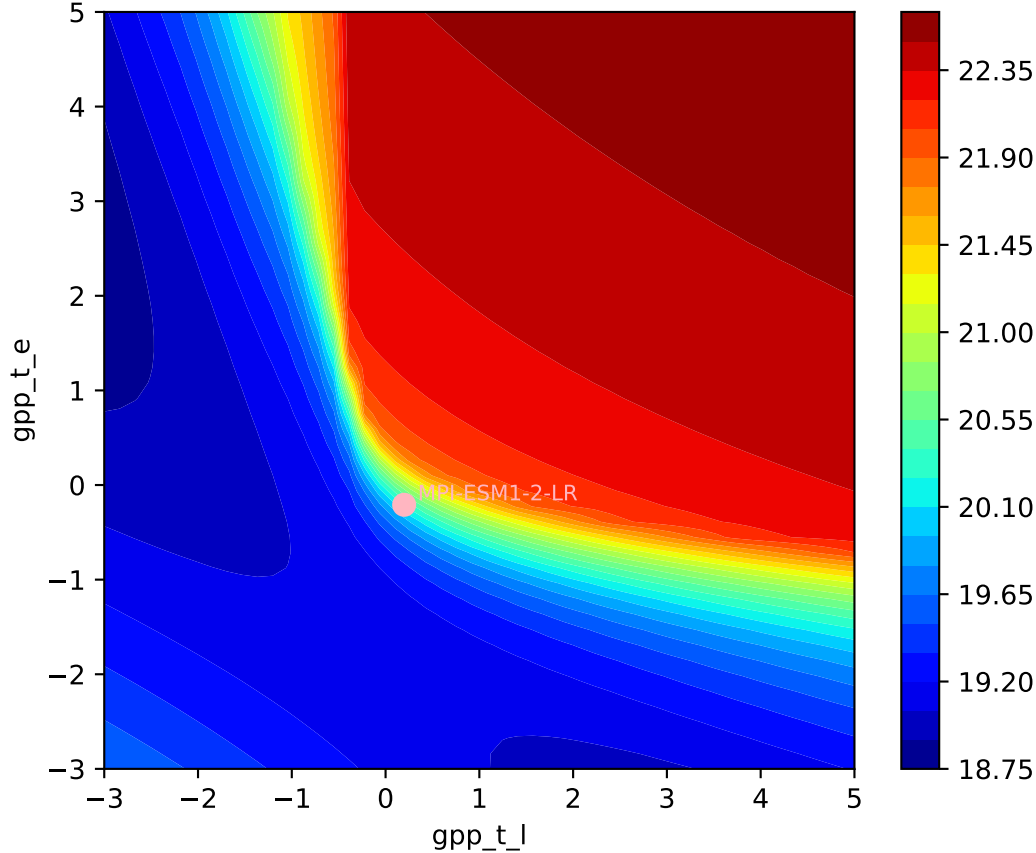
MPI-ESM1-2-LR, ssp245, GPP

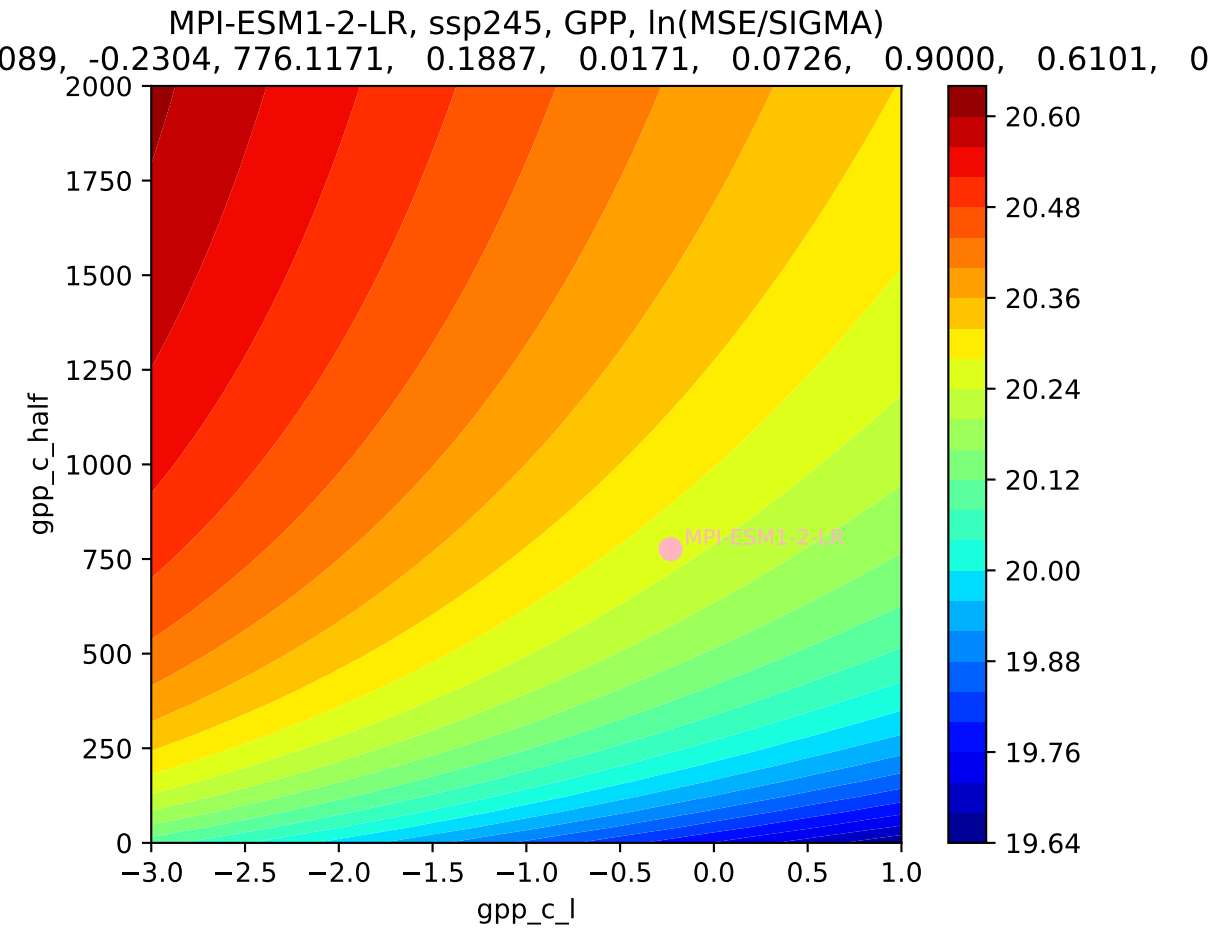


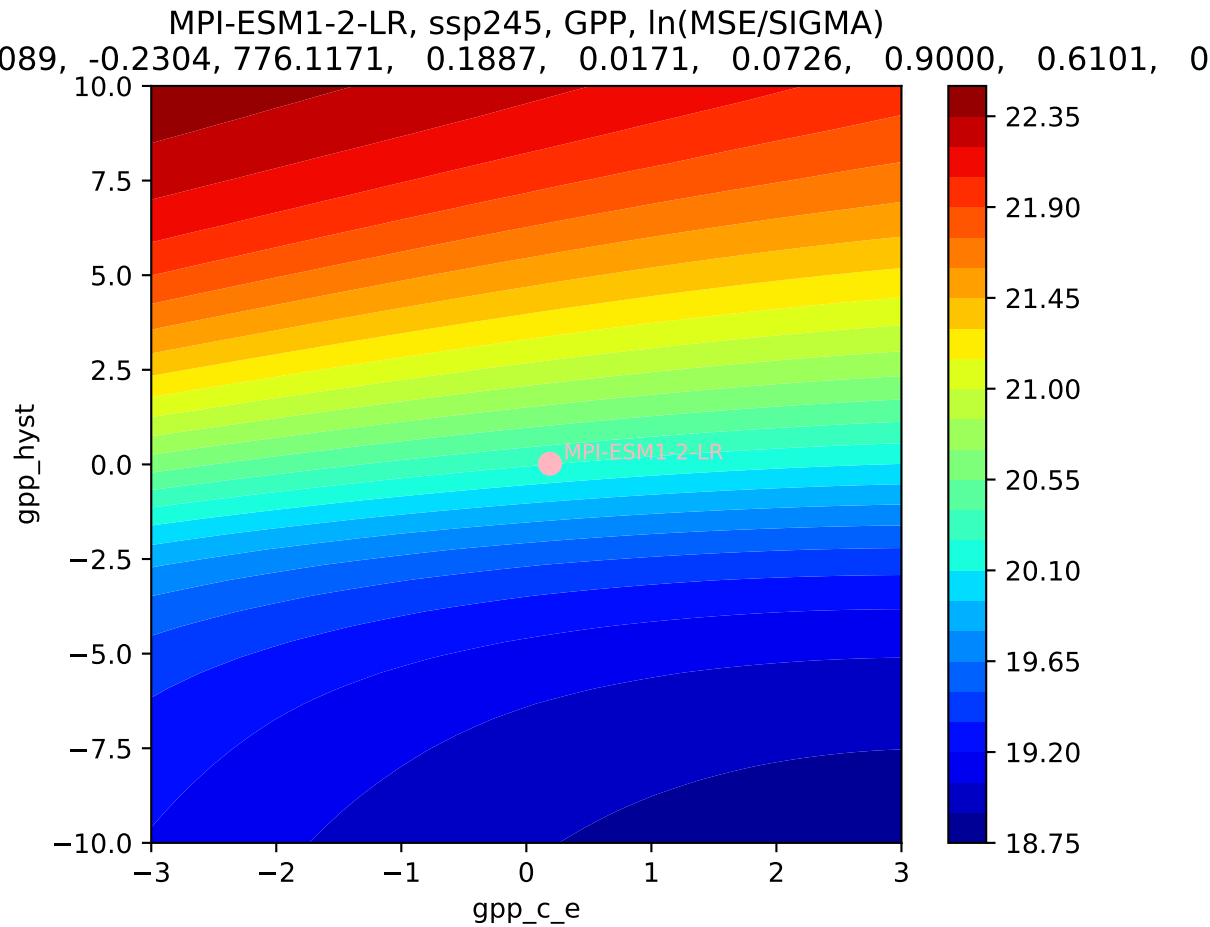
MPI-ESM1-2-LR, ssp245, GPP



MPI-ESM1-2-LR, ssp245, GPP, $\ln(\text{MSE}/\text{SIGMA})$
0.089, -0.2304, 776.1171, 0.1887, 0.0171, 0.0726, 0.9000, 0.6101, 0

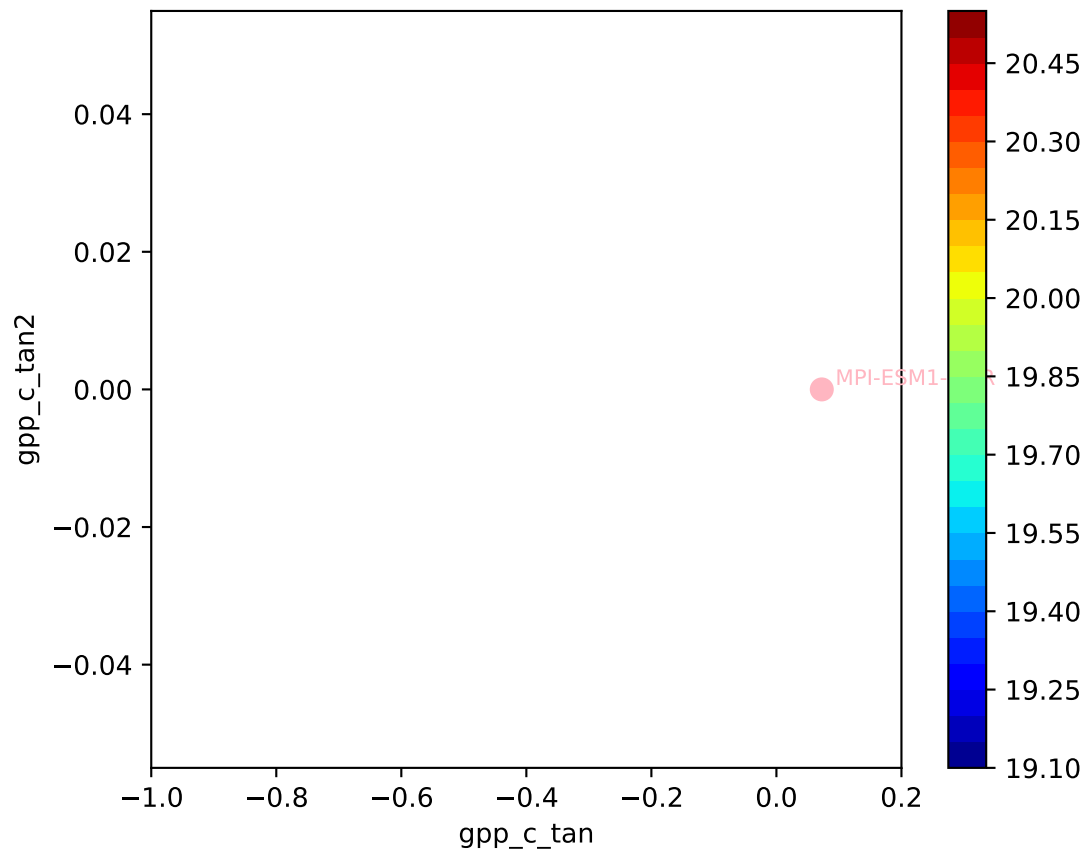


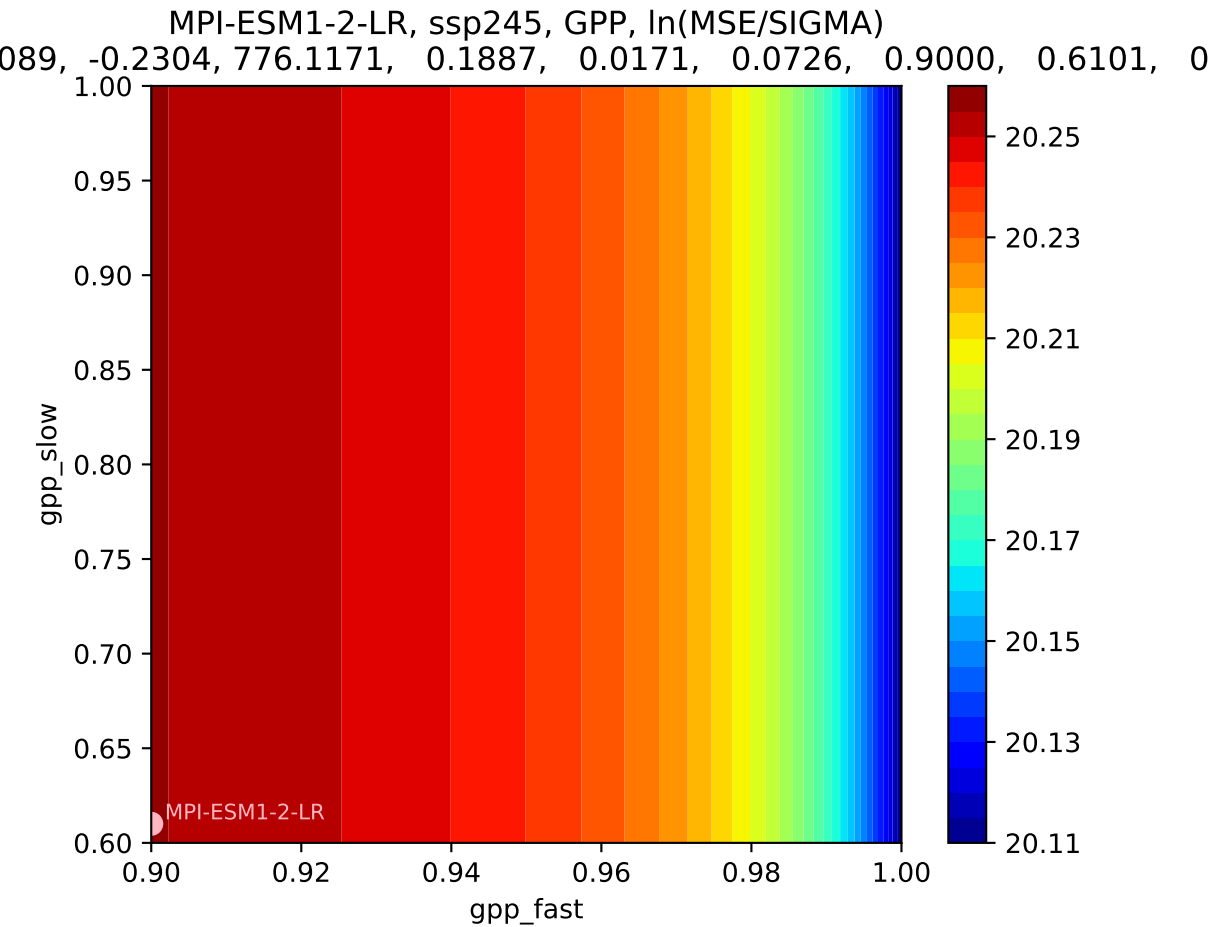




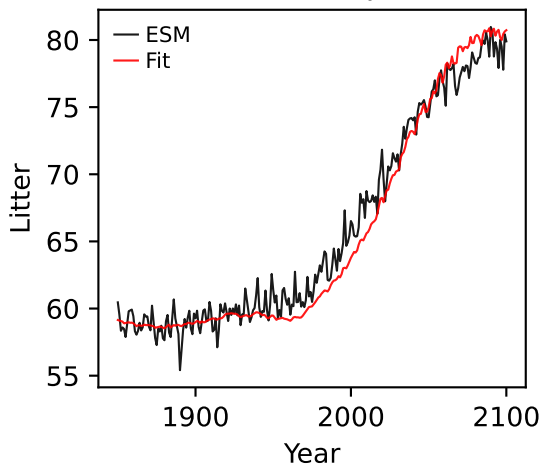
MPI-ESM1-2-LR, ssp245, GPP, ln(MSE/SIGMA)

089, -0.2304, 776.1171, 0.1887, 0.0171, 0.0726, 0.9000, 0.6101, 0

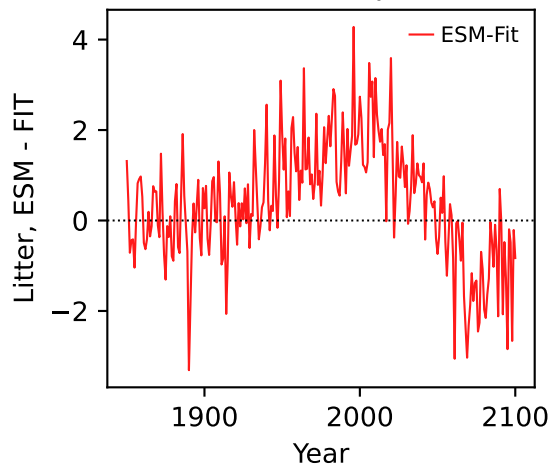




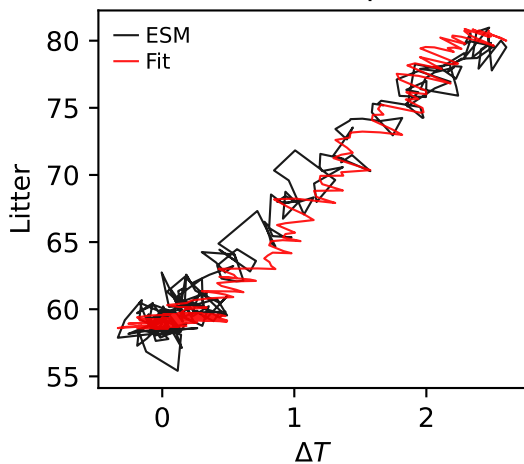
MPI-ESM1-2-LR, ssp245, Litter



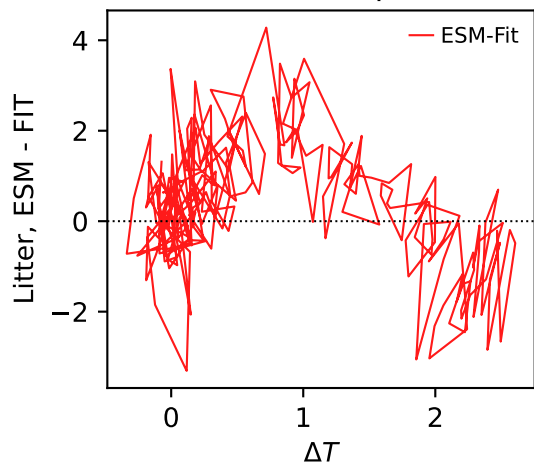
MPI-ESM1-2-LR, ssp245, Litter



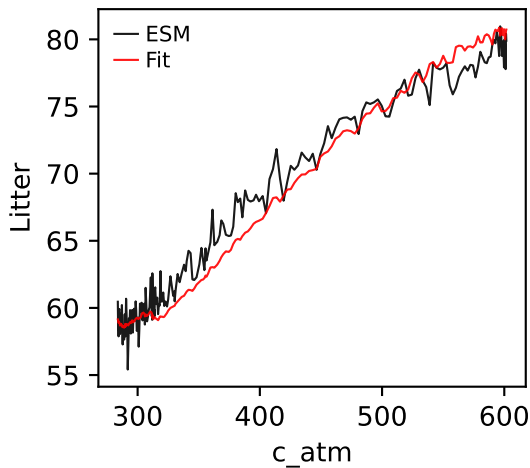
MPI-ESM1-2-LR, ssp245, Litter



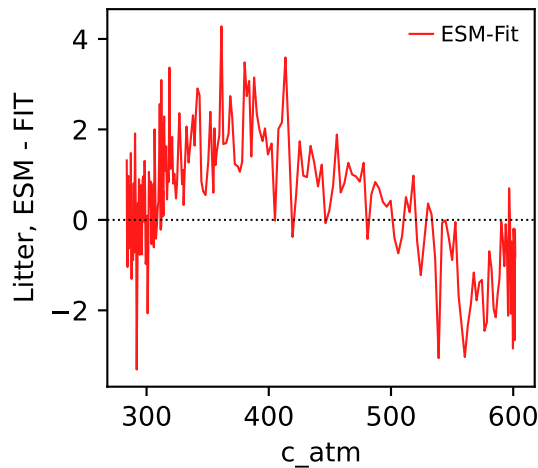
MPI-ESM1-2-LR, ssp245, Litter



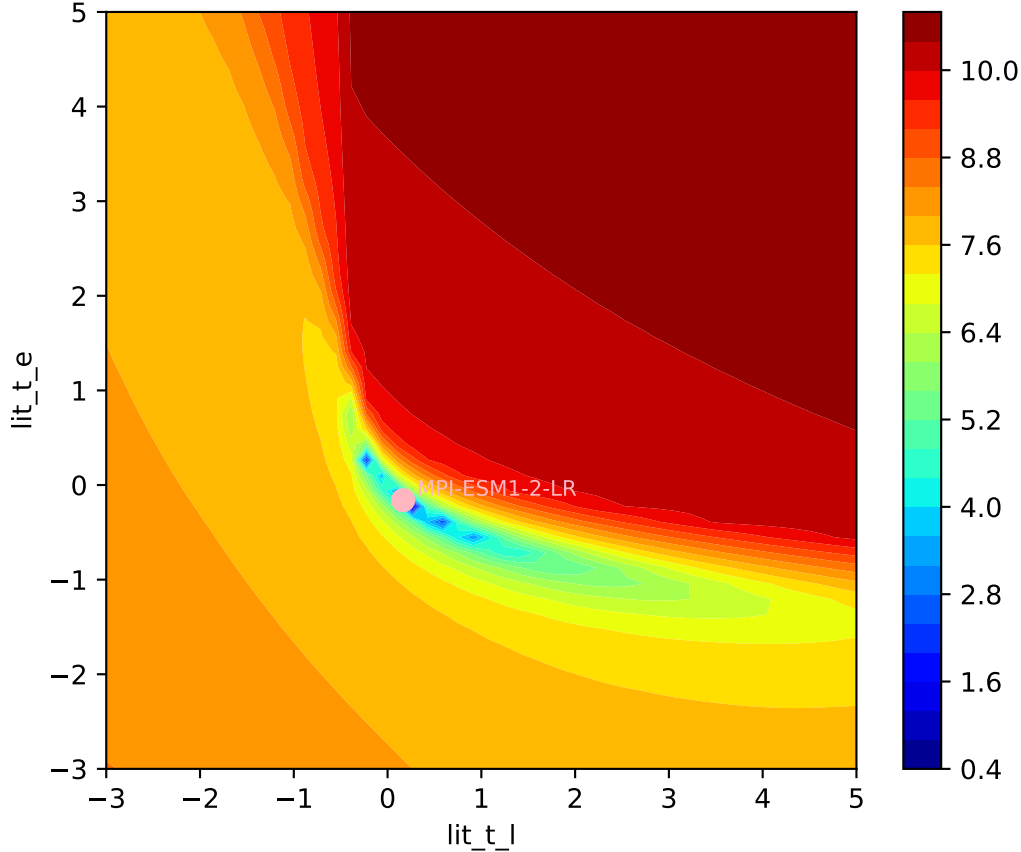
MPI-ESM1-2-LR, ssp245, Litter

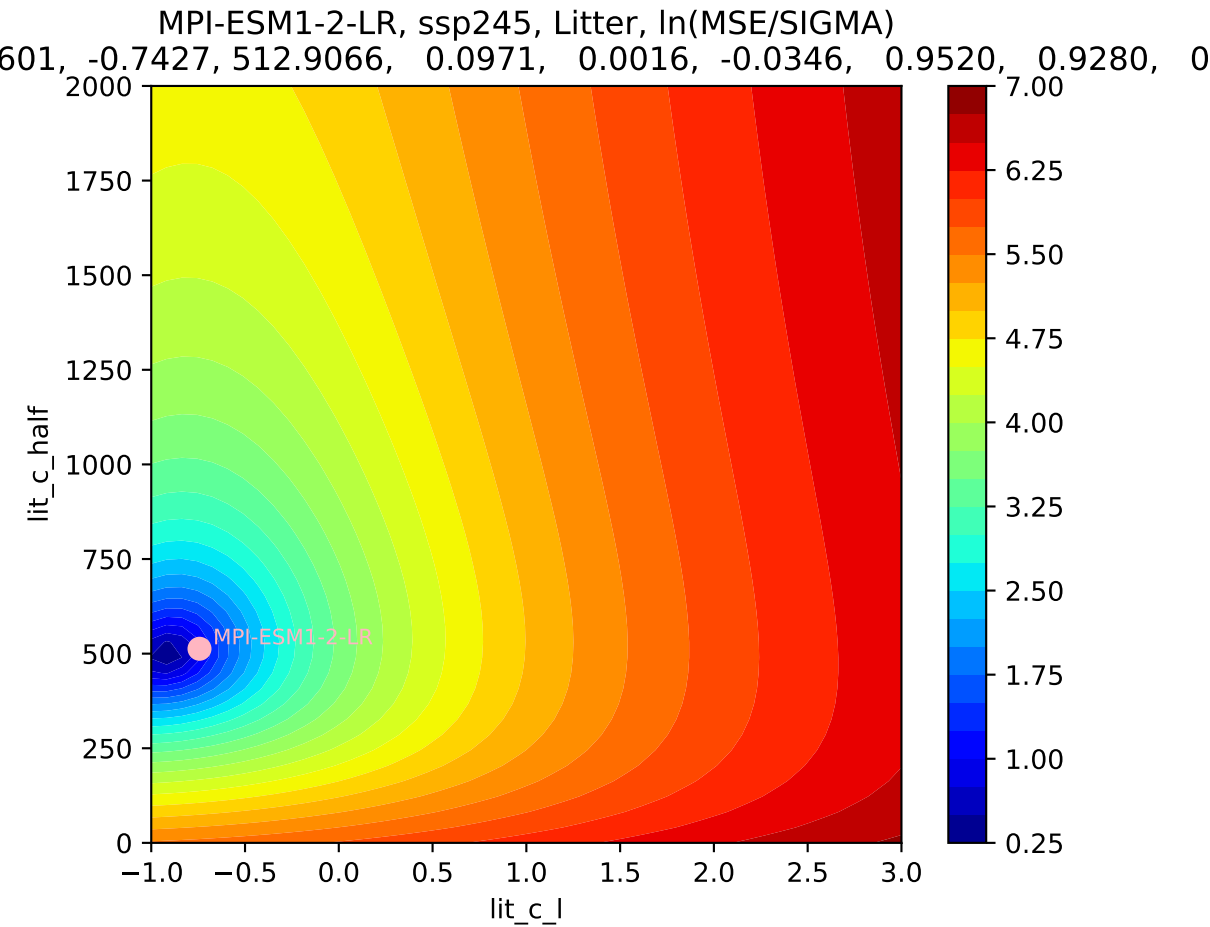


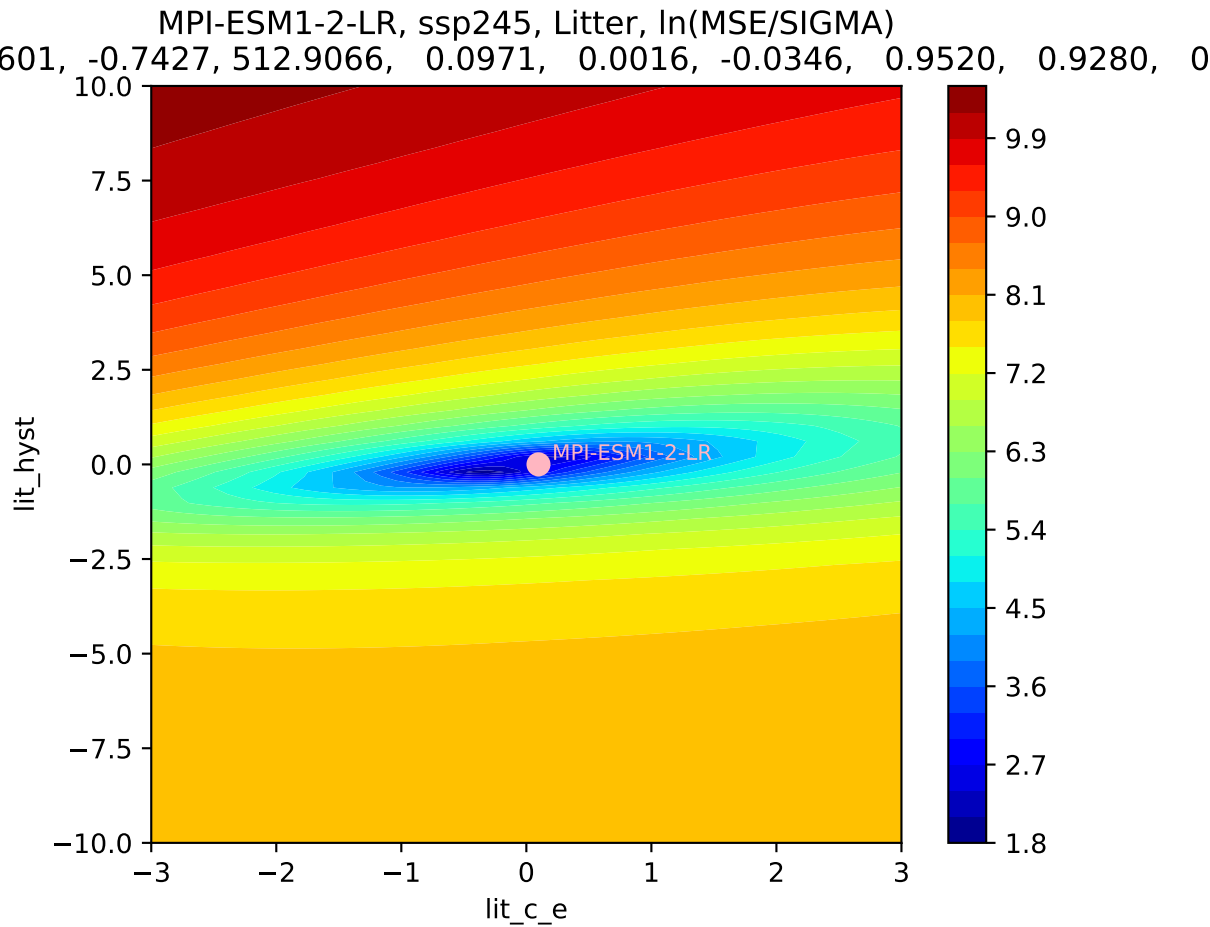
MPI-ESM1-2-LR, ssp245, Litter



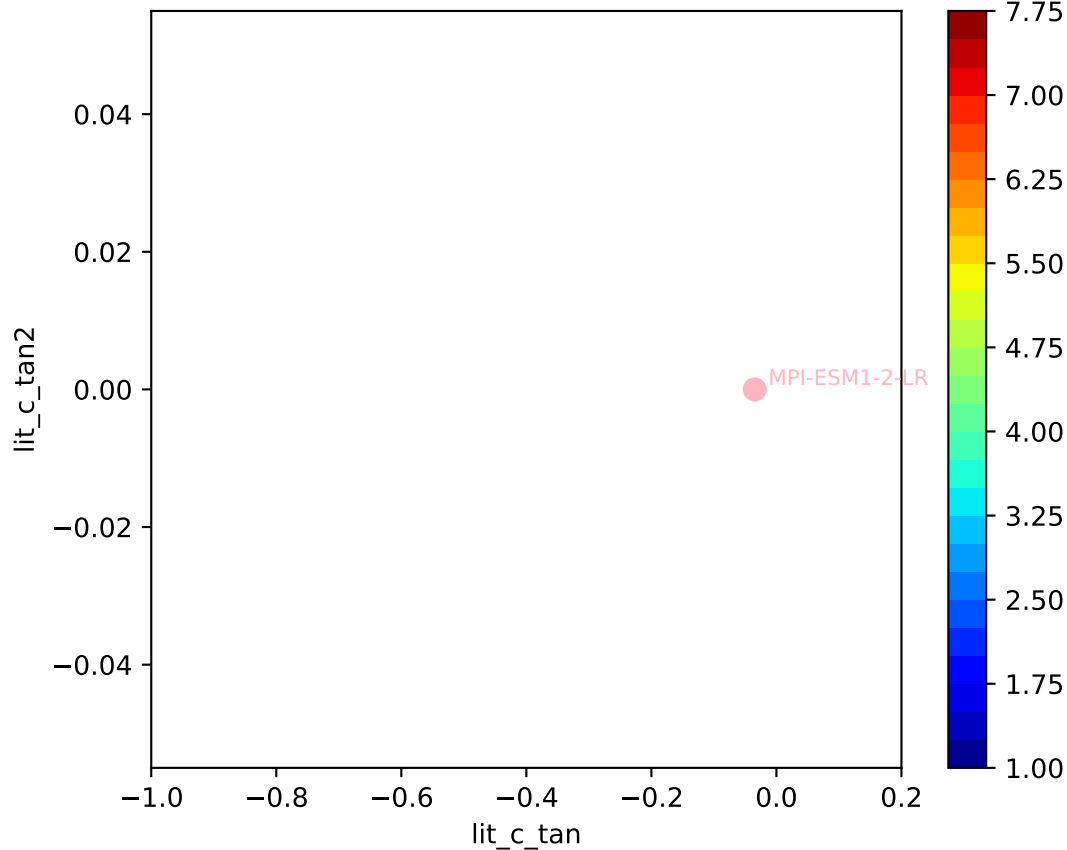
MPI-ESM1-2-LR, ssp245, Litter, $\ln(\text{MSE}/\text{SIGMA})$
601, -0.7427, 512.9066, 0.0971, 0.0016, -0.0346, 0.9520, 0.9280, 0

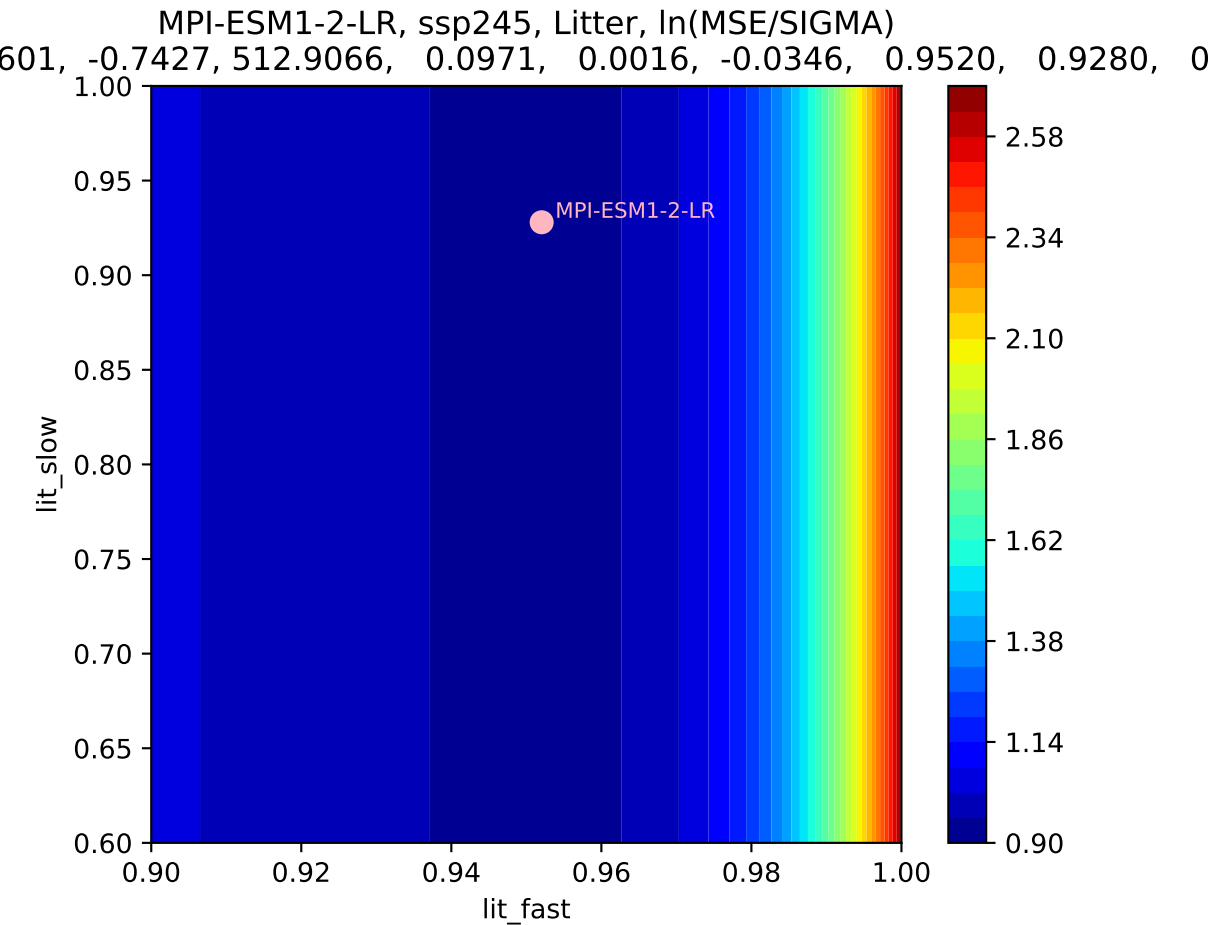




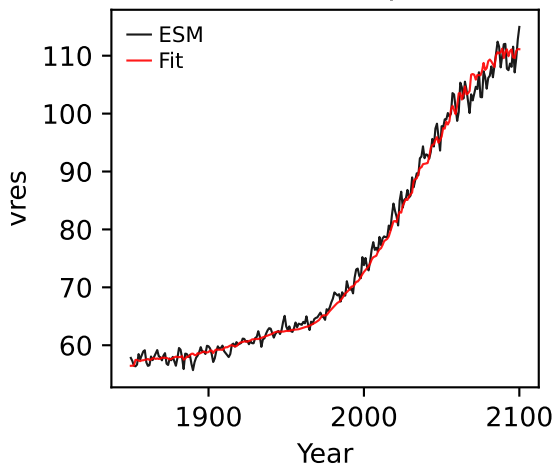


MPI-ESM1-2-LR, ssp245, Litter, $\ln(\text{MSE}/\text{SIGMA})$
601, -0.7427, 512.9066, 0.0971, 0.0016, -0.0346, 0.9520, 0.9280, 0

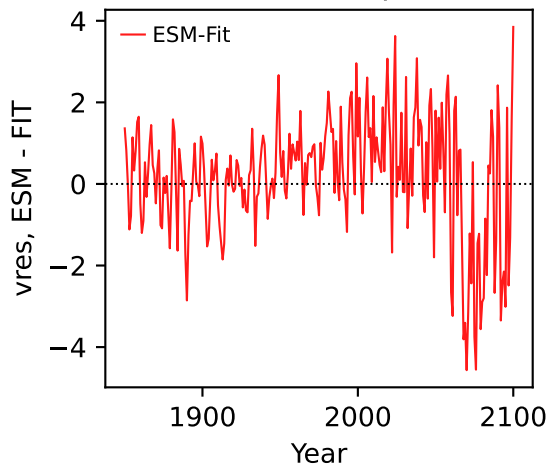




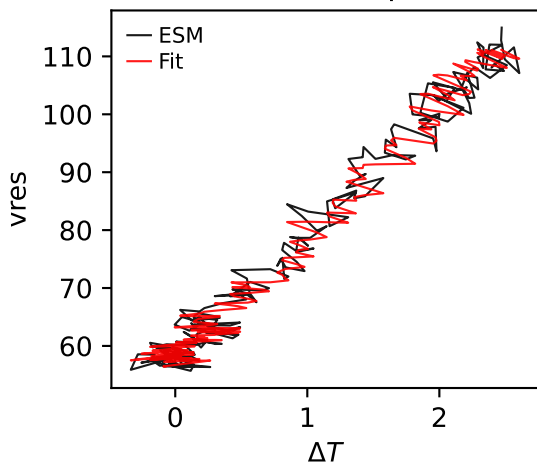
MPI-ESM1-2-LR, ssp245, vres



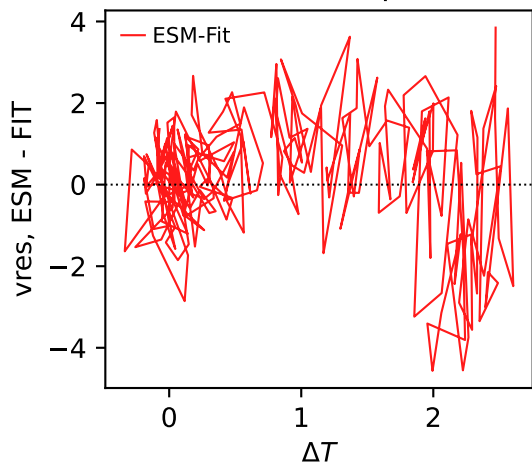
MPI-ESM1-2-LR, ssp245, vres



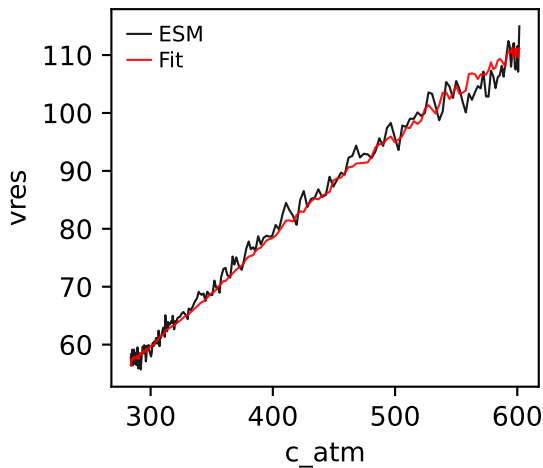
MPI-ESM1-2-LR, ssp245, vres



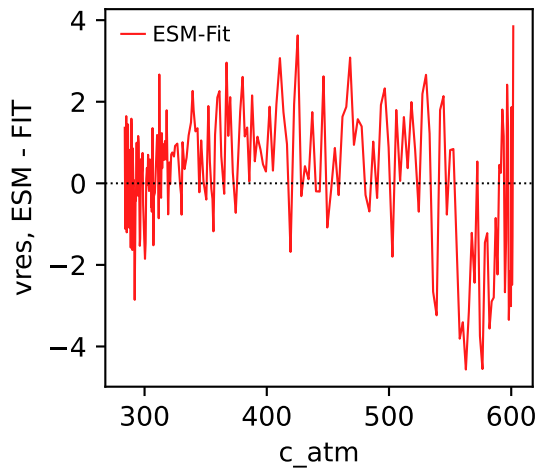
MPI-ESM1-2-LR, ssp245, vres



MPI-ESM1-2-LR, ssp245, vres

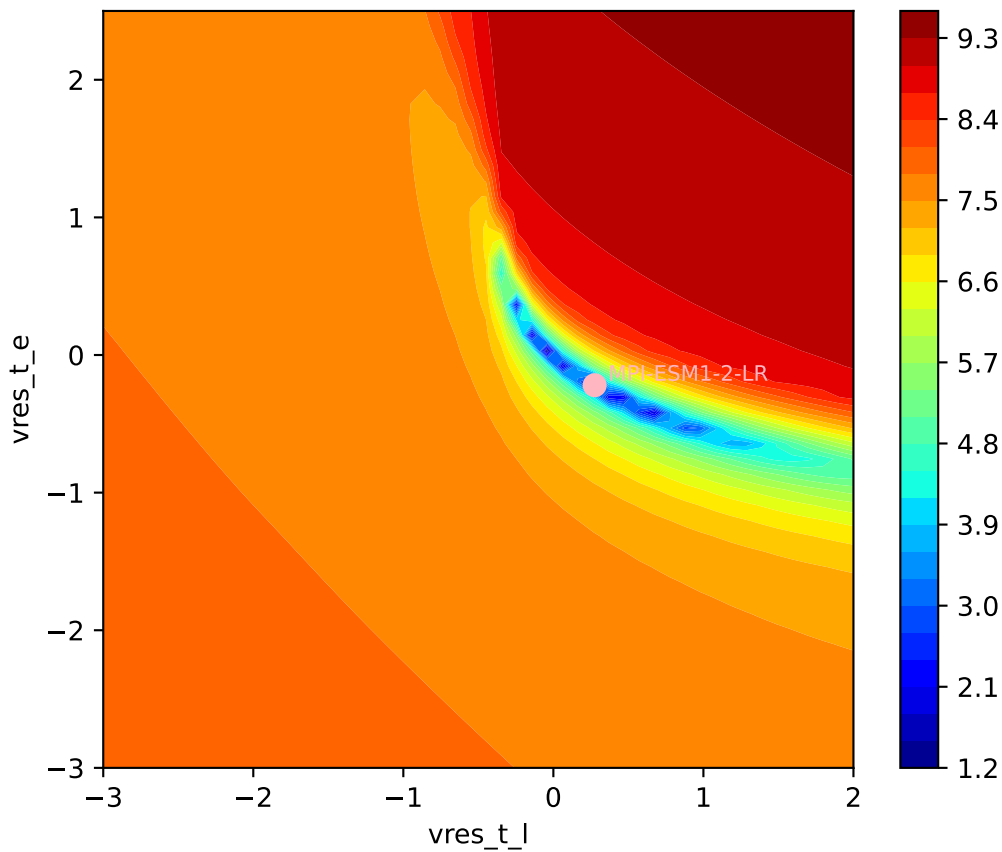


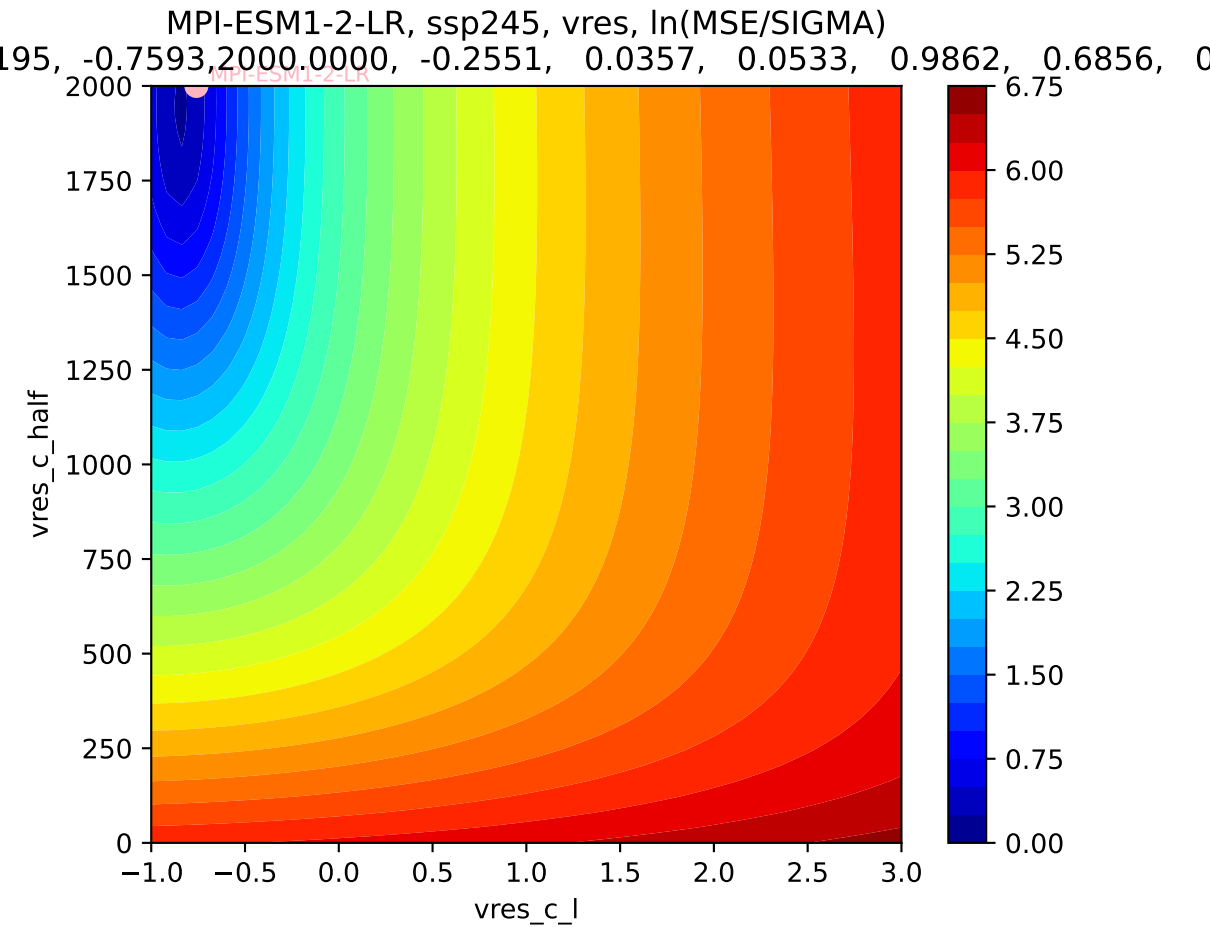
MPI-ESM1-2-LR, ssp245, vres



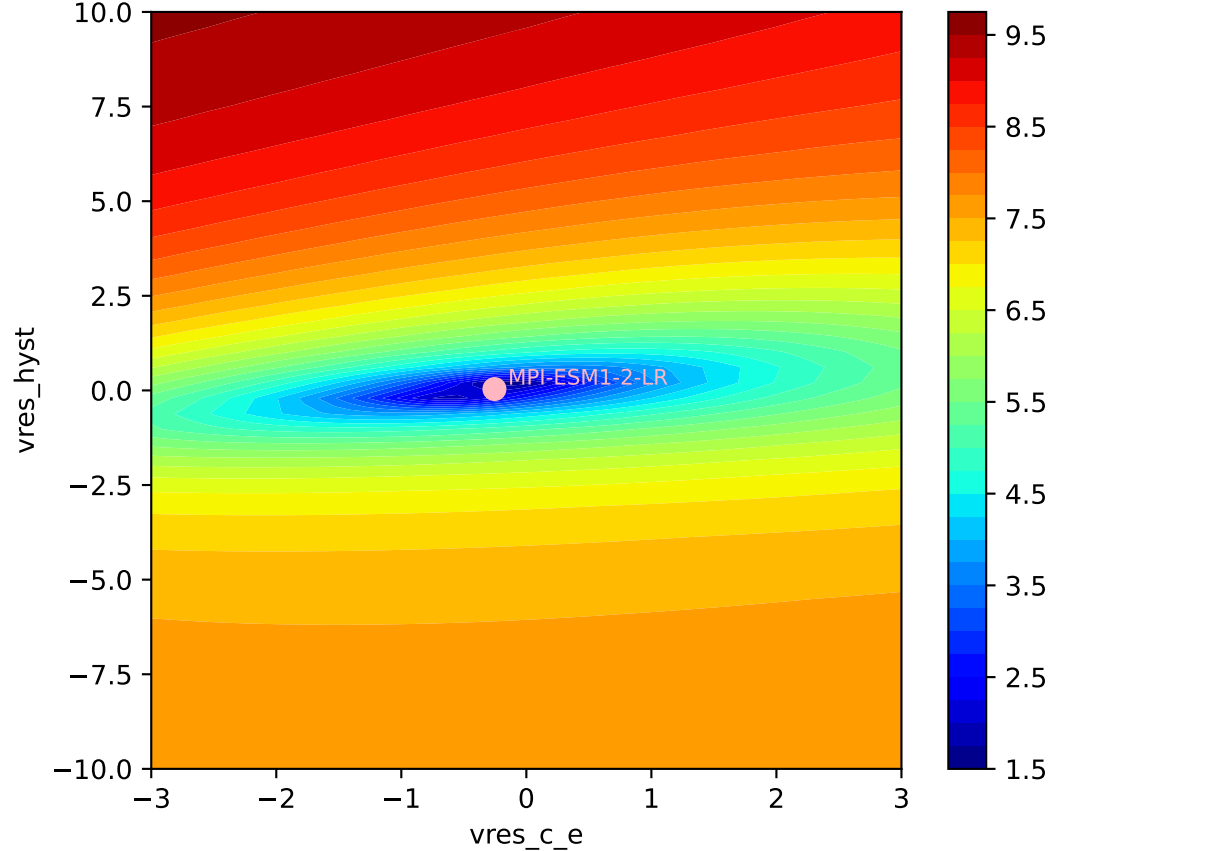
MPI-ESM1-2-LR, ssp245, vres, ln(MSE/SIGMA)

195, -0.7593,2000.0000, -0.2551, 0.0357, 0.0533, 0.9862, 0.6856, 0



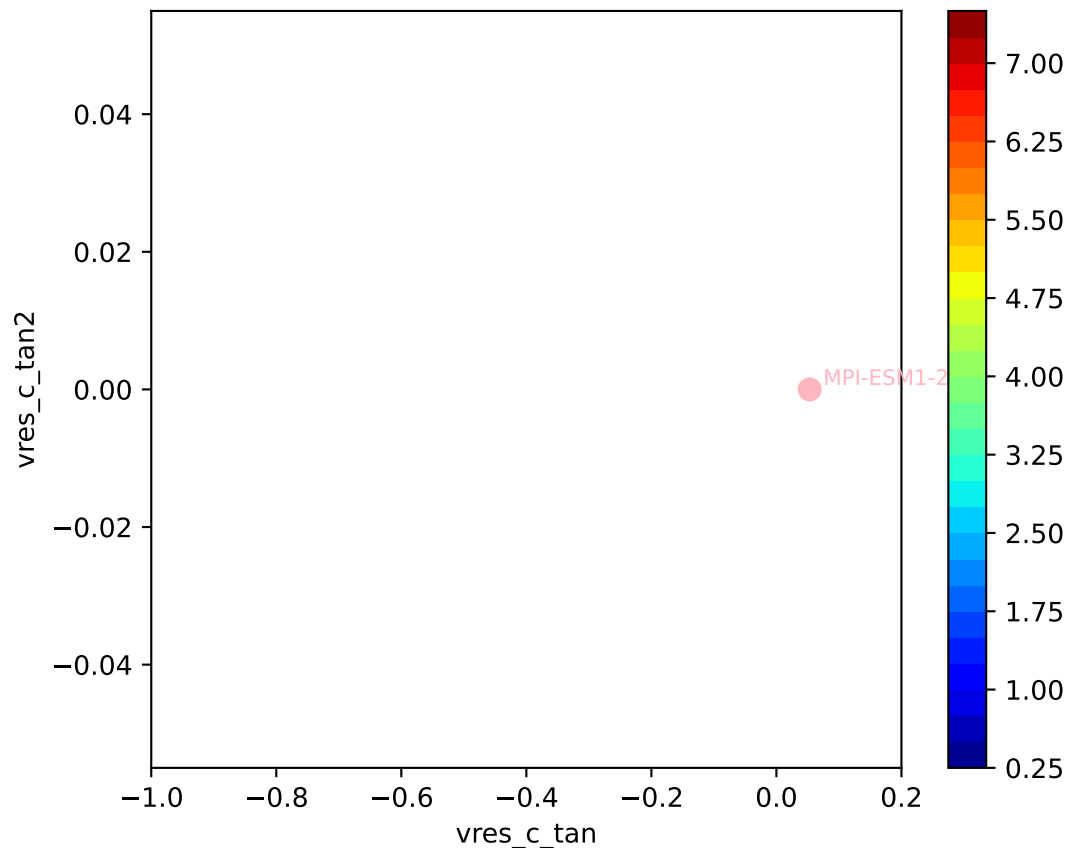


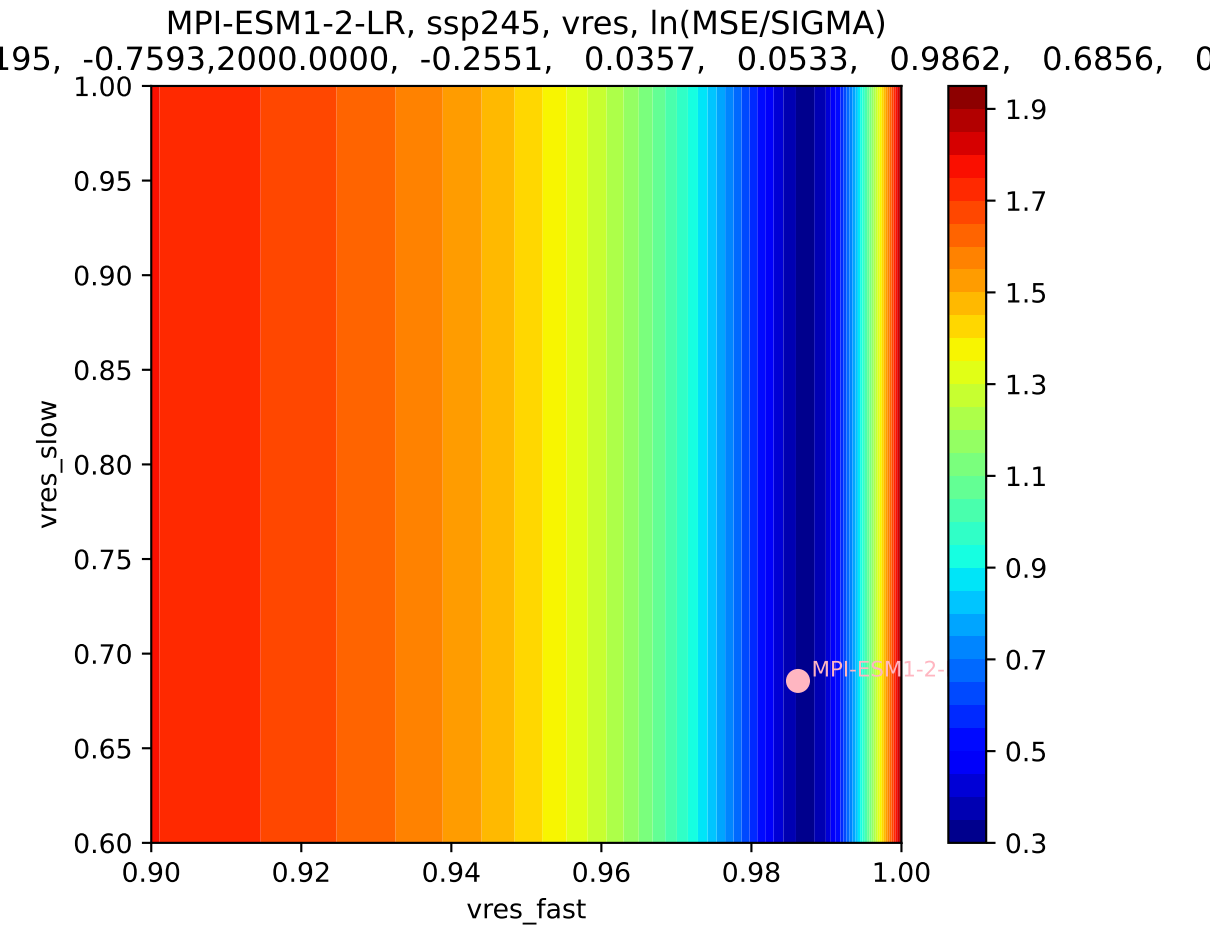
MPI-ESM1-2-LR, ssp245, vres, ln(MSE/SIGMA)



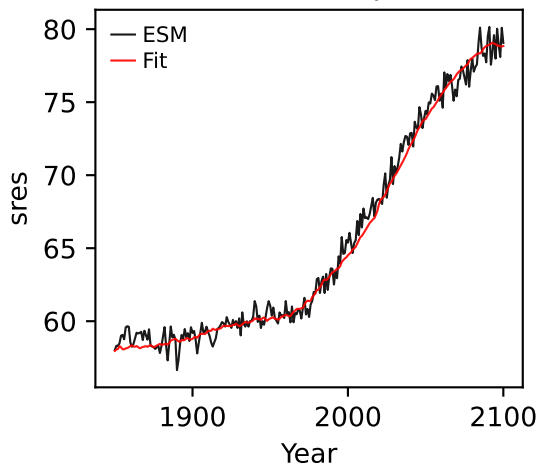
MPI-ESM1-2-LR, ssp245, vres, ln(MSE/SIGMA)

195, -0.7593,2000.0000, -0.2551, 0.0357, 0.0533, 0.9862, 0.6856, 0

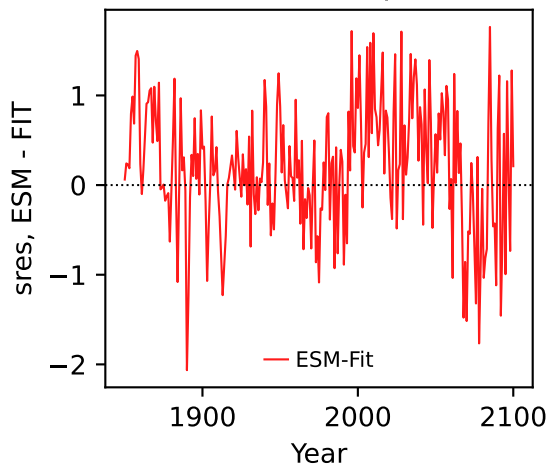




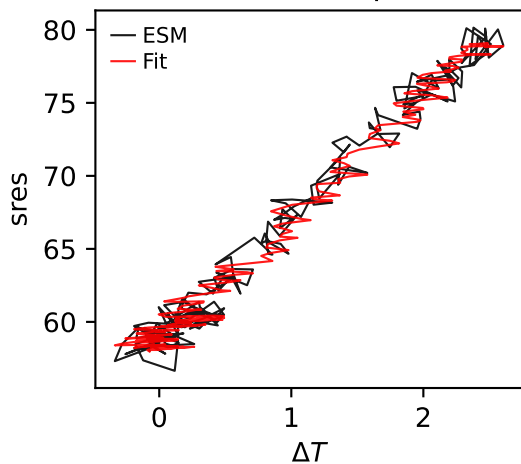
MPI-ESM1-2-LR, ssp245, sres



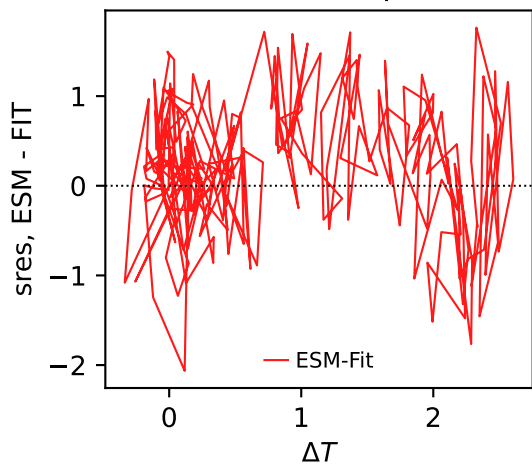
MPI-ESM1-2-LR, ssp245, sres



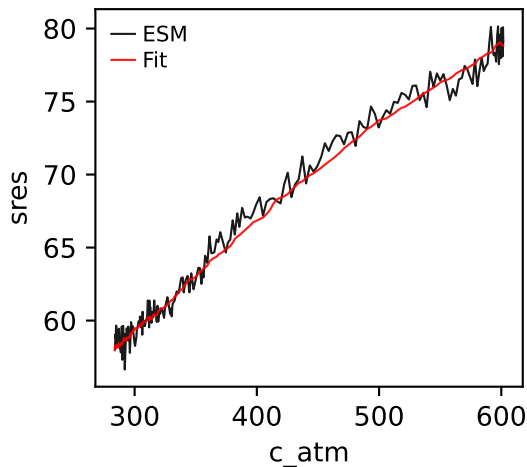
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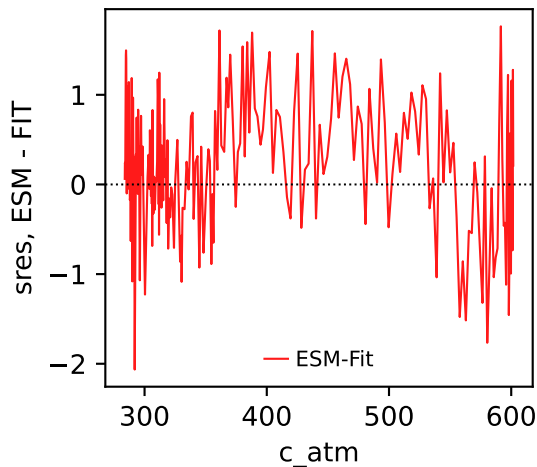
MPI-ESM1-2-LR, ssp245, sres



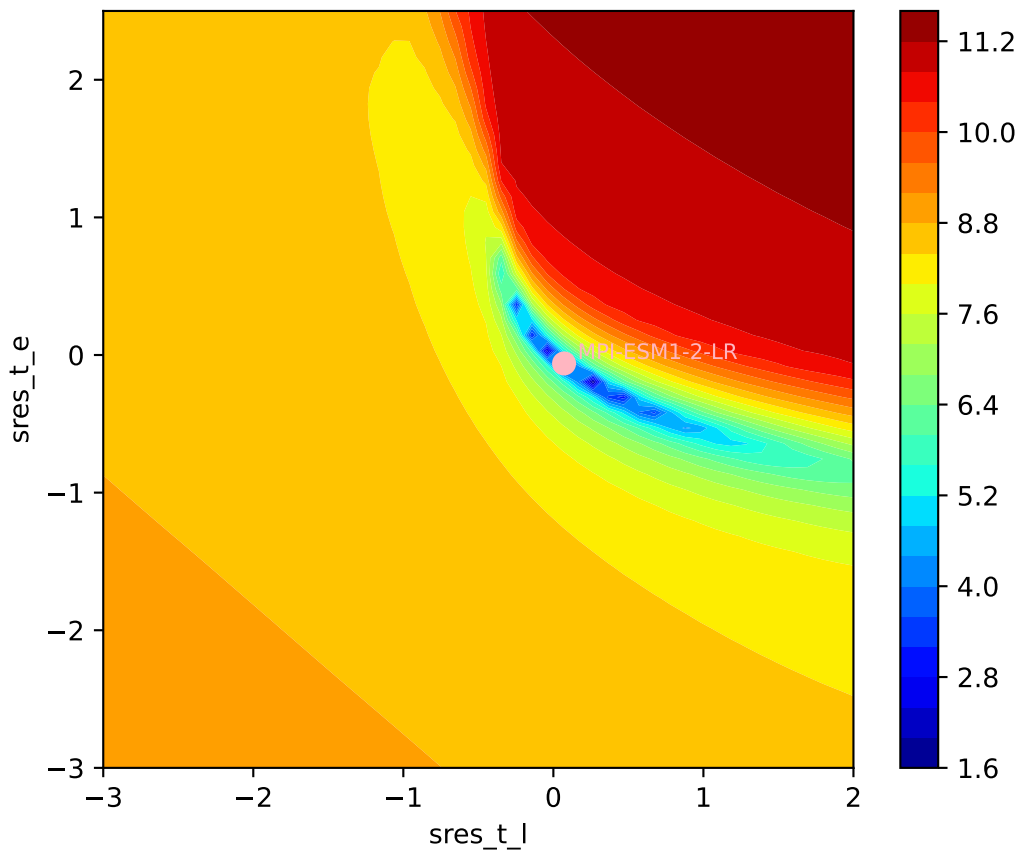
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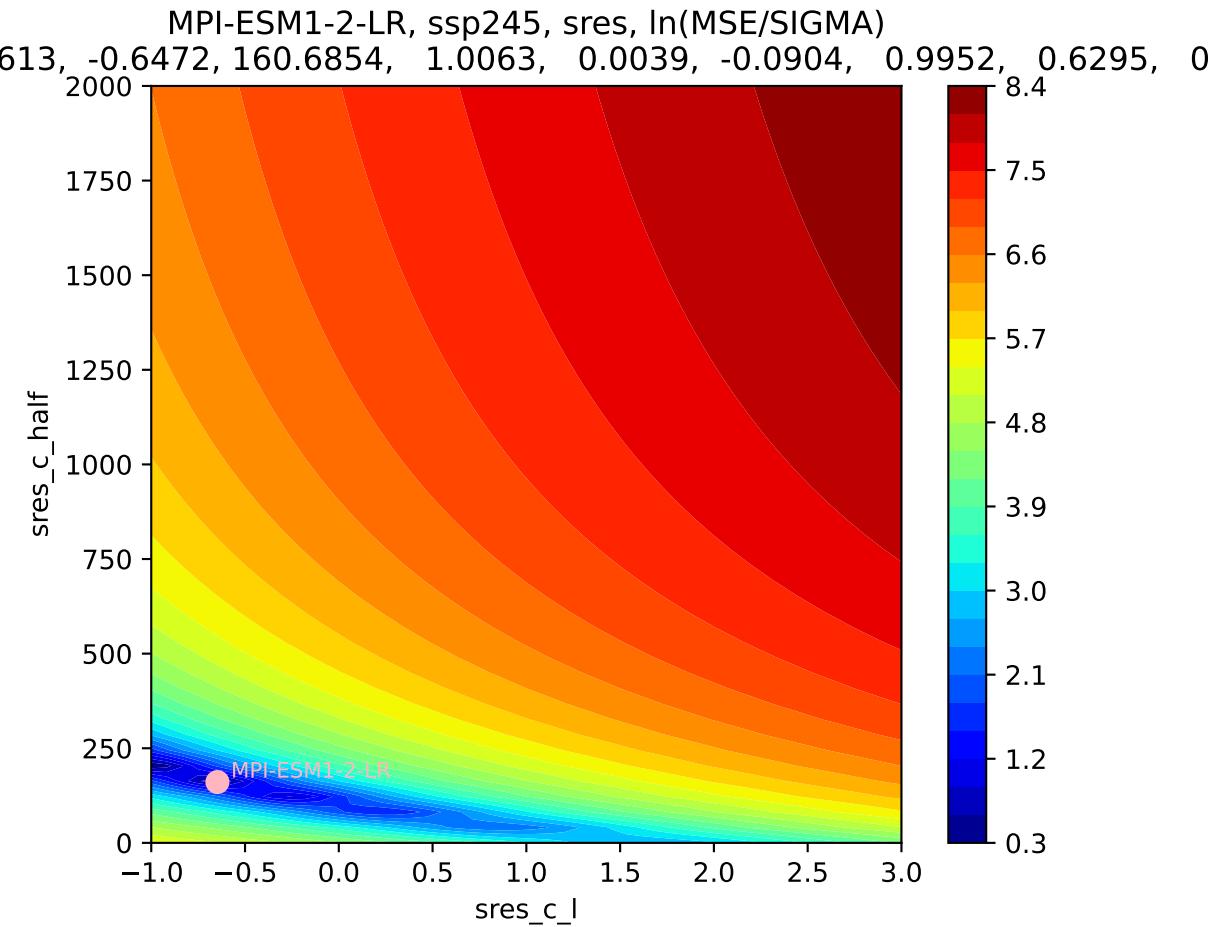


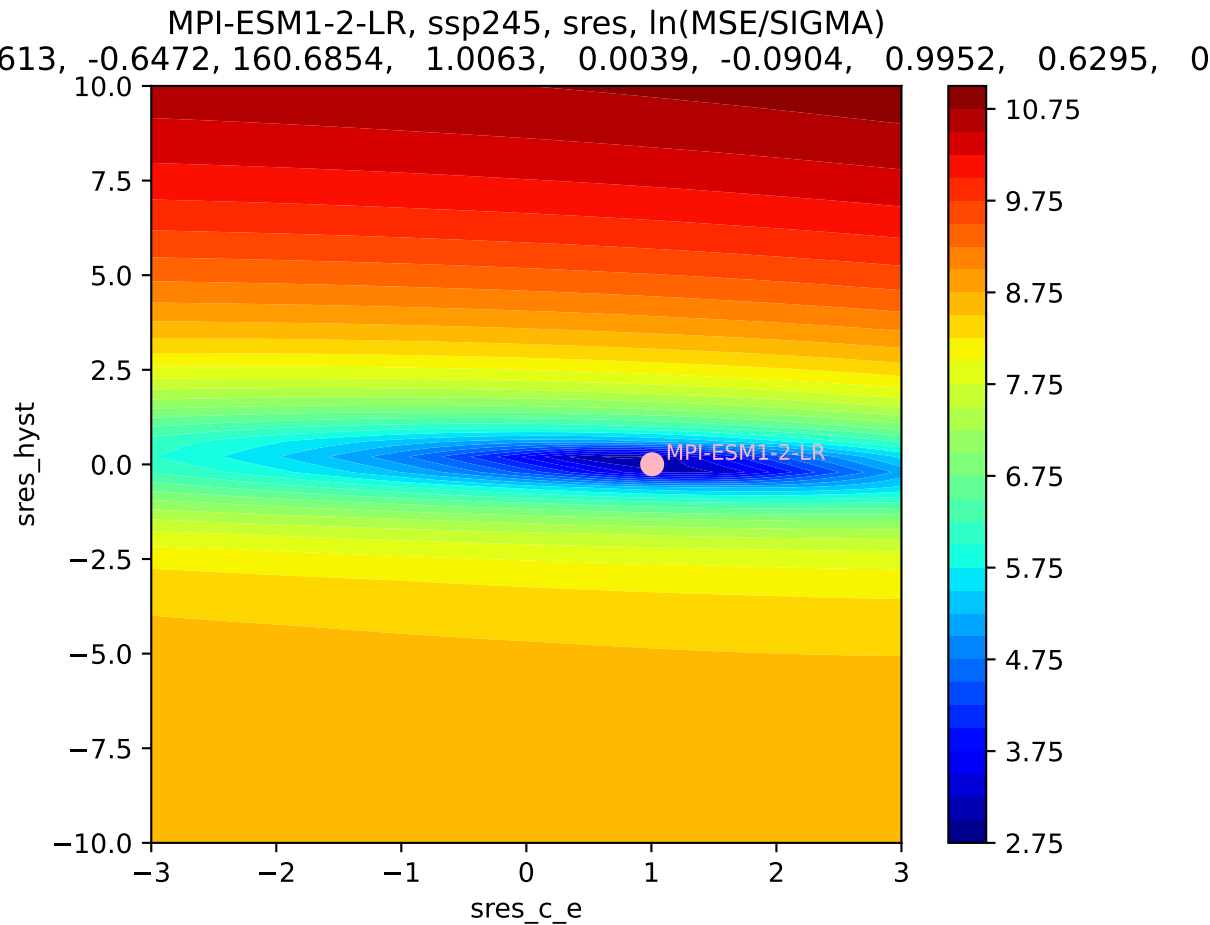
MPI-ESM1-2-LR, ssp245, sres



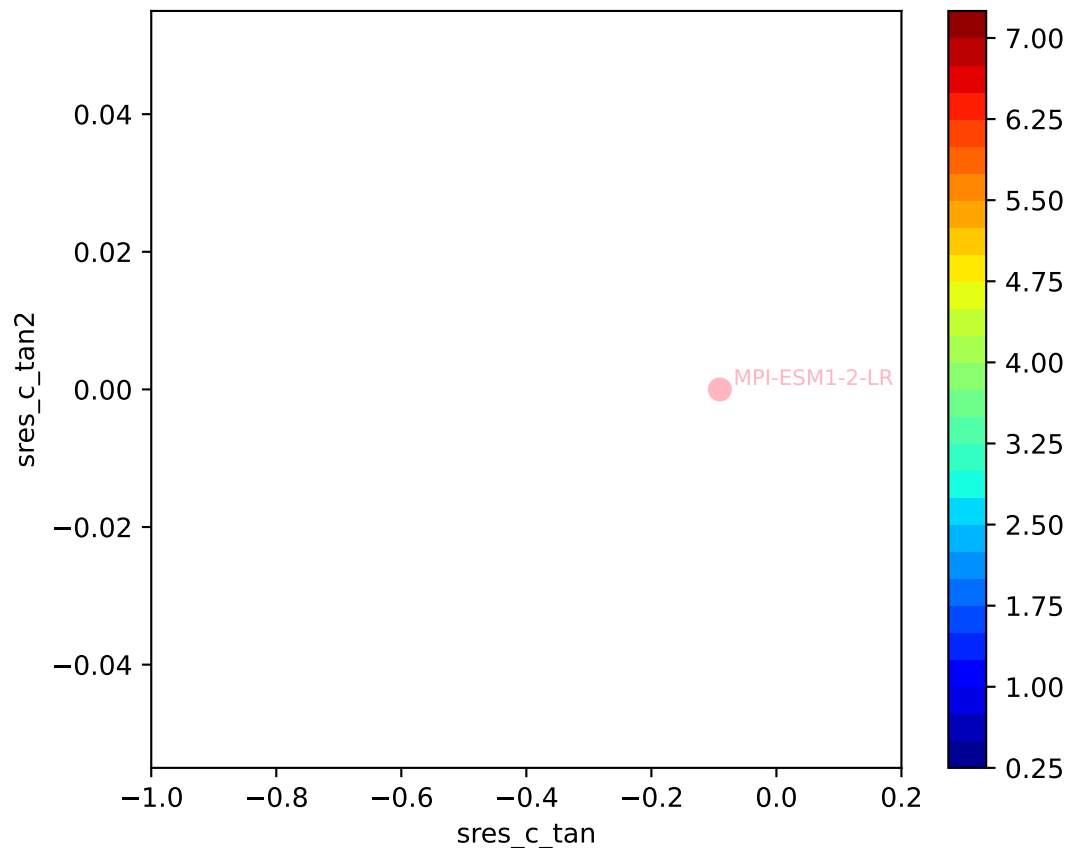
MPI-ESM1-2-LR, ssp245, sres, ln(MSE/SIGMA)
613, -0.6472, 160.6854, 1.0063, 0.0039, -0.0904, 0.9952, 0.6295, 0

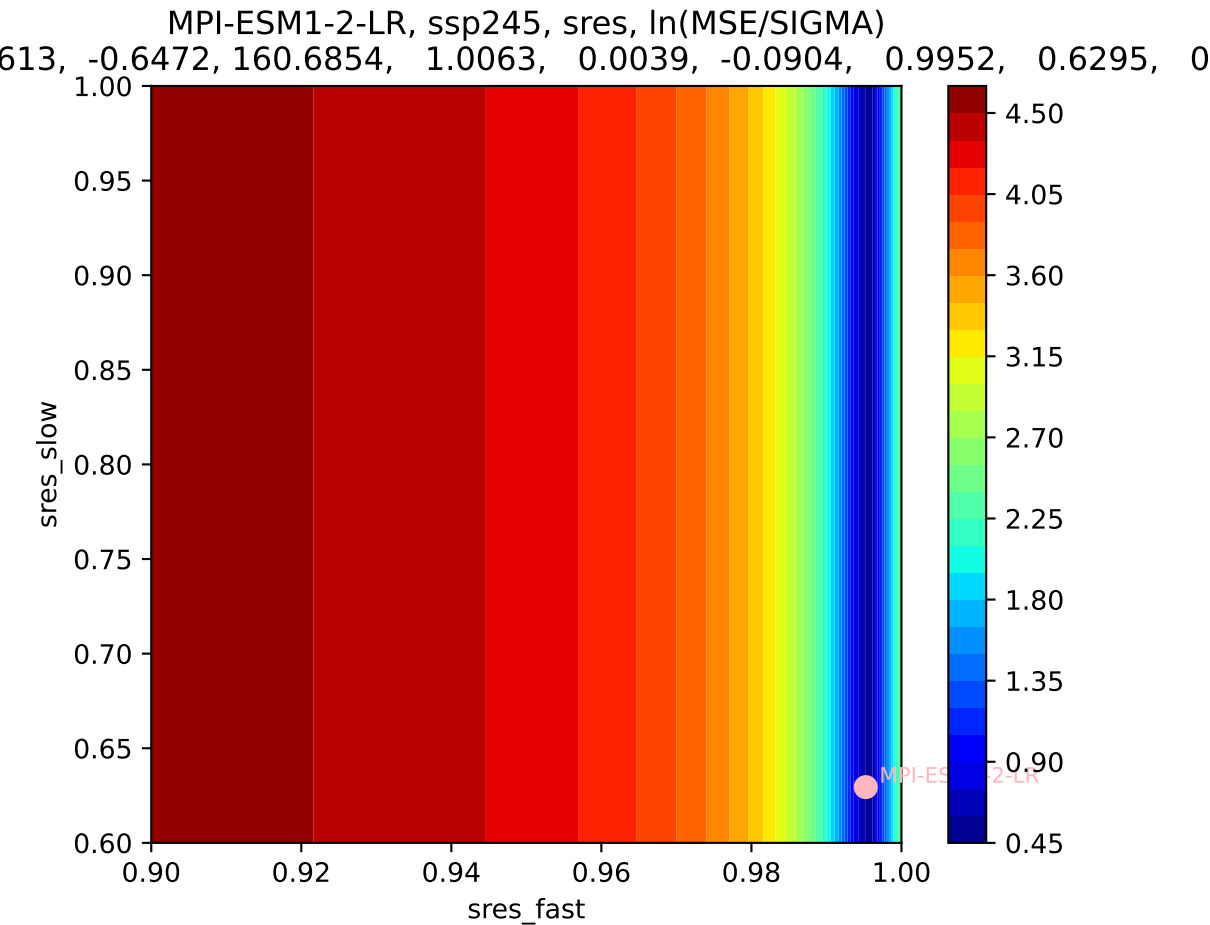




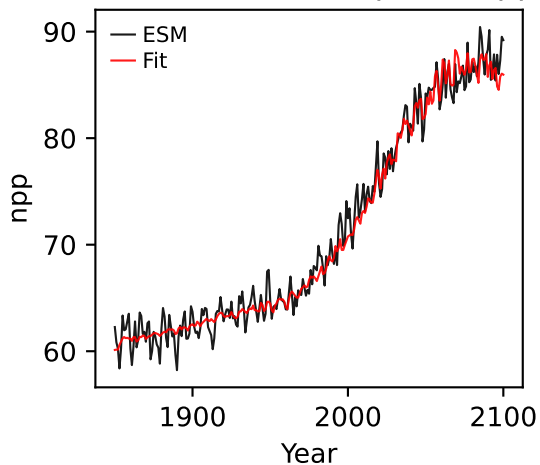


MPI-ESM1-2-LR, ssp245, sres, ln(MSE/SIGMA)
613, -0.6472, 160.6854, 1.0063, 0.0039, -0.0904, 0.9952, 0.6295, 0

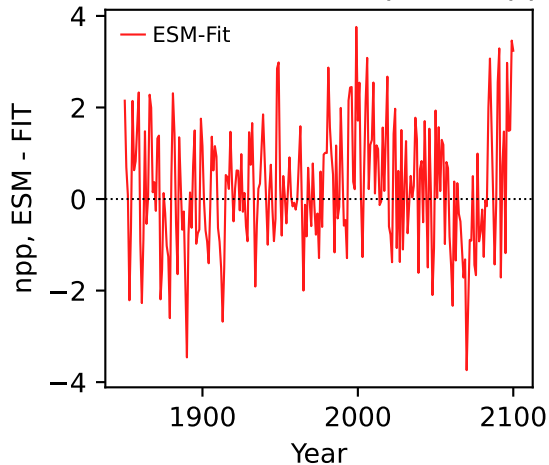




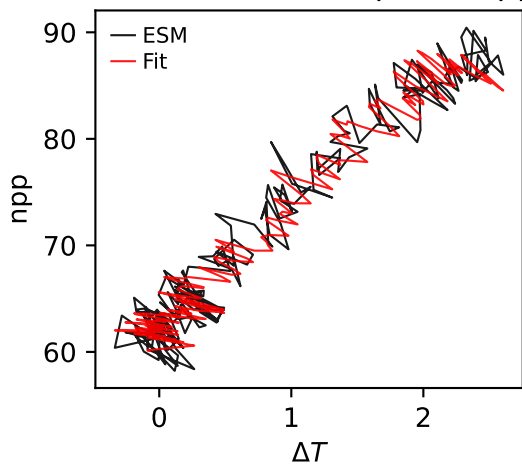
MPI-ESM1-2-LR, ssp245, npp



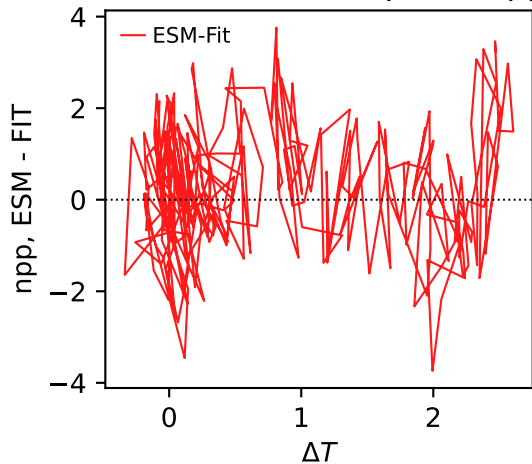
MPI-ESM1-2-LR, ssp245, npp



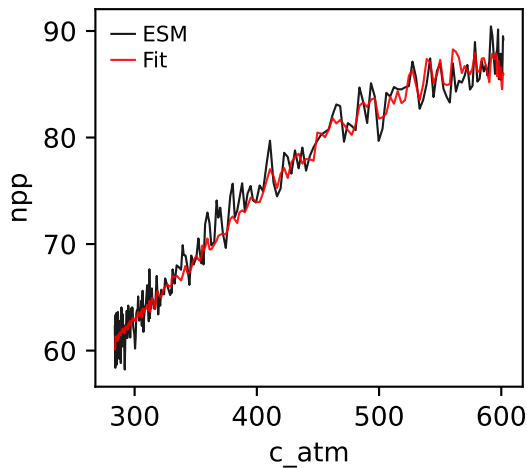
MPI-ESM1-2-LR, ssp245, npp



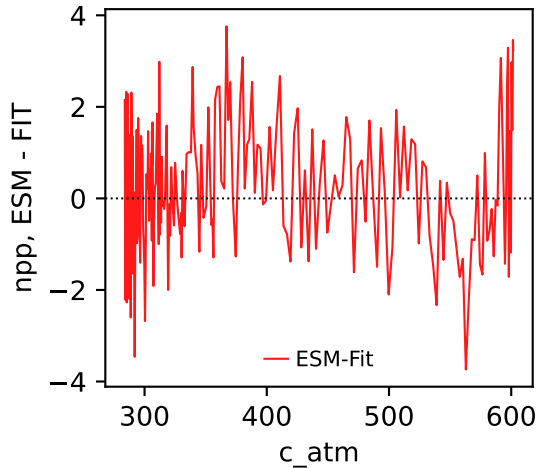
MPI-ESM1-2-LR, ssp245, npp



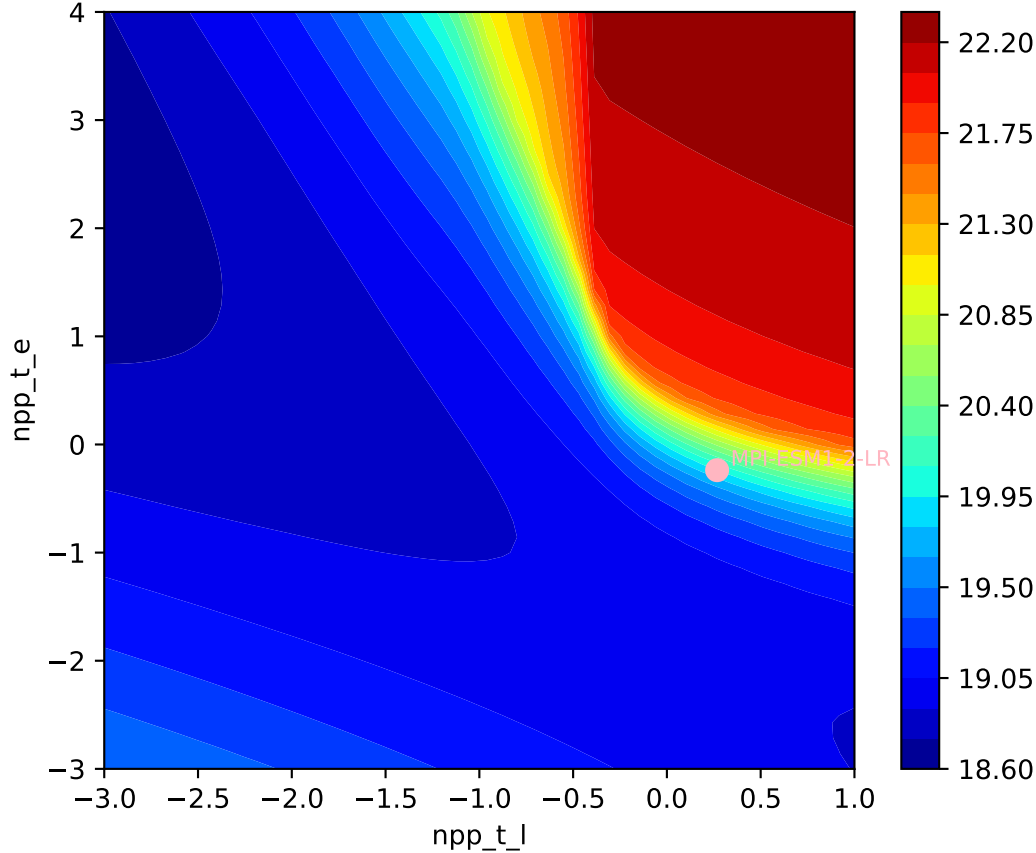
MPI-ESM1-2-LR, ssp245, npp

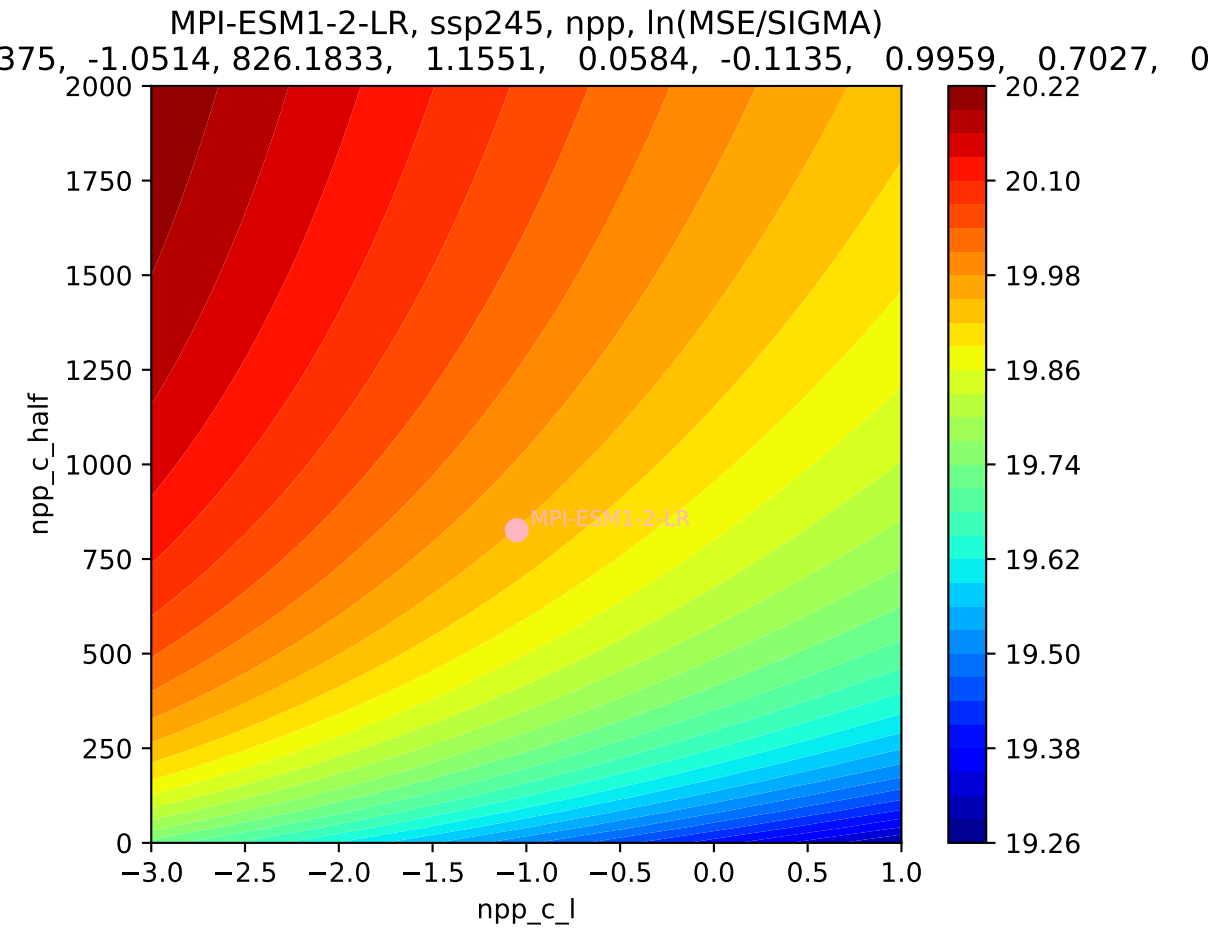


MPI-ESM1-2-LR, ssp245, npp

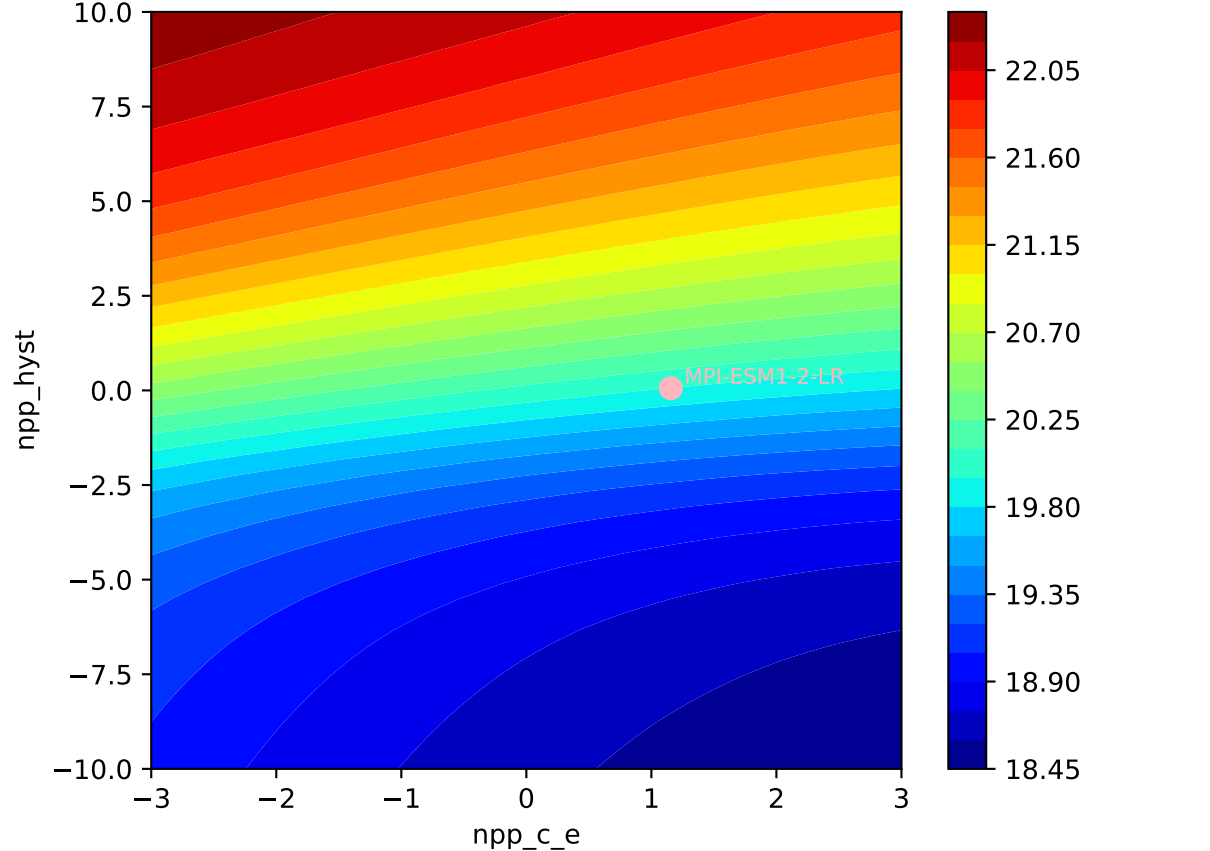


MPI-ESM1-2-LR, ssp245, npp, $\ln(\text{MSE}/\text{SIGMA})$

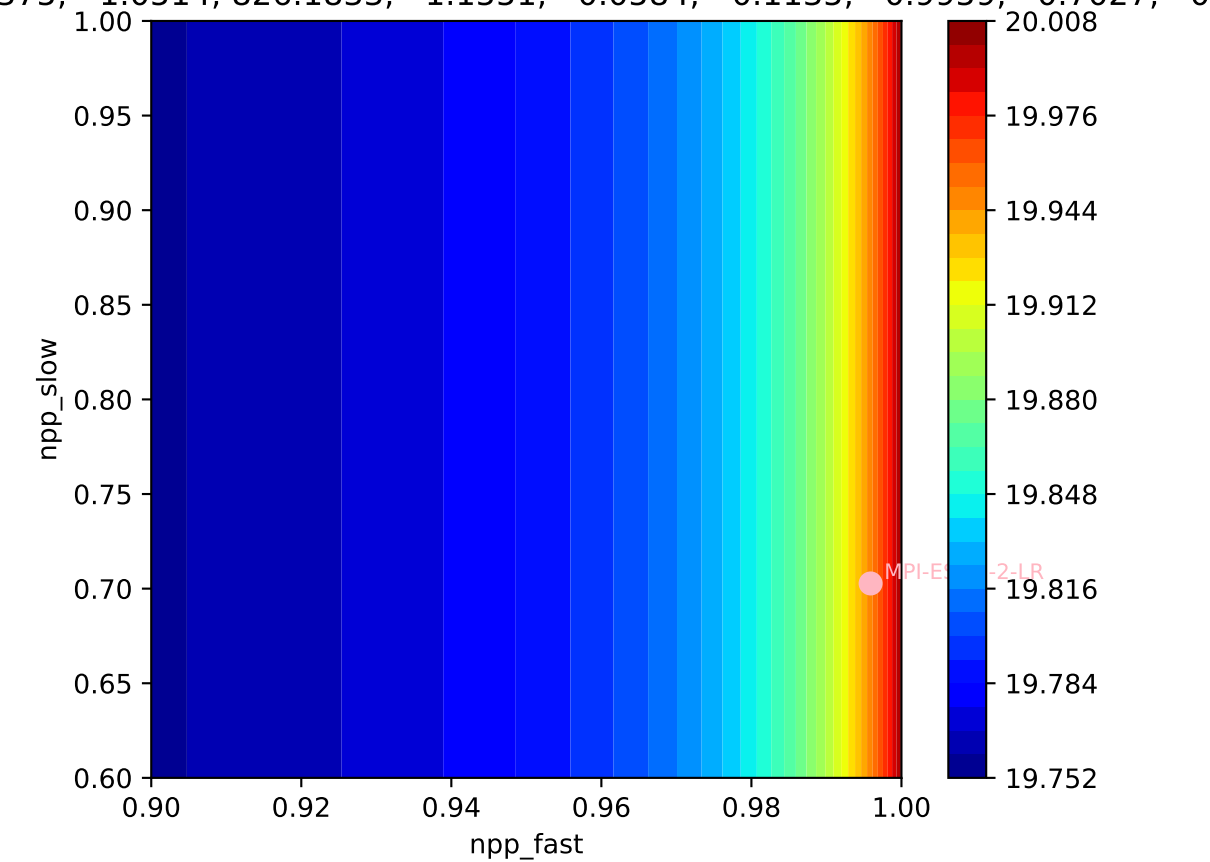


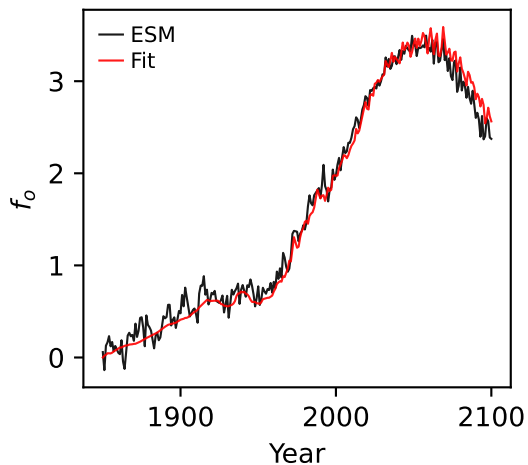
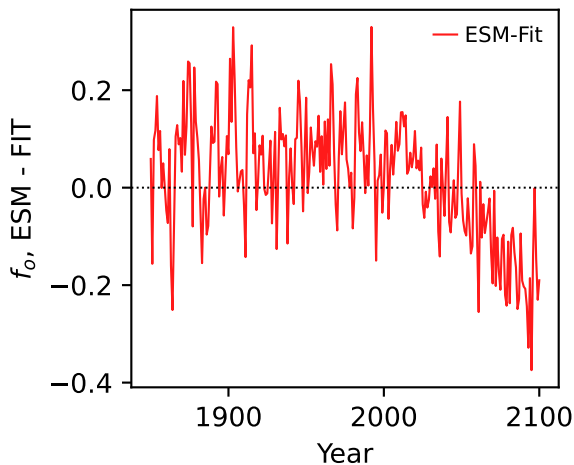
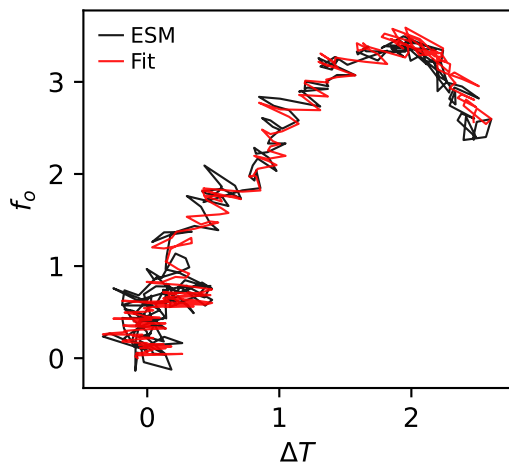
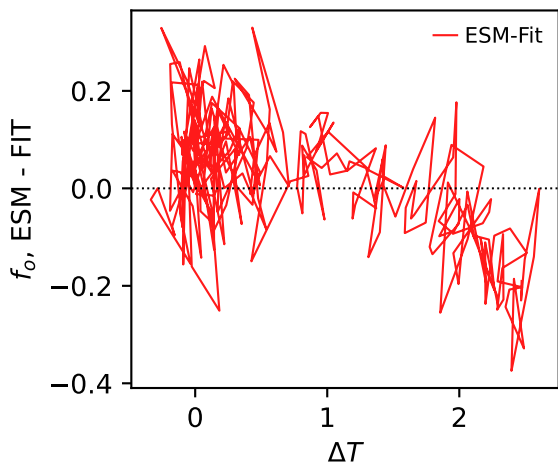
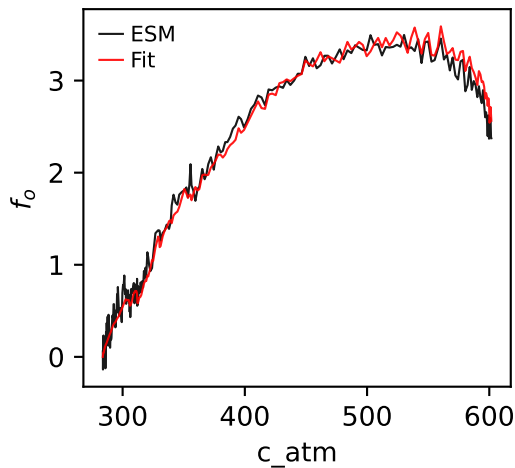
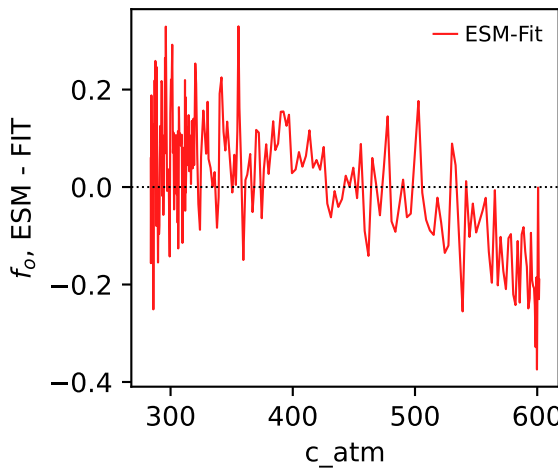


MPI-ESM1-2-LR, ssp245, npp, $\ln(\text{MSE}/\text{SIGMA})$

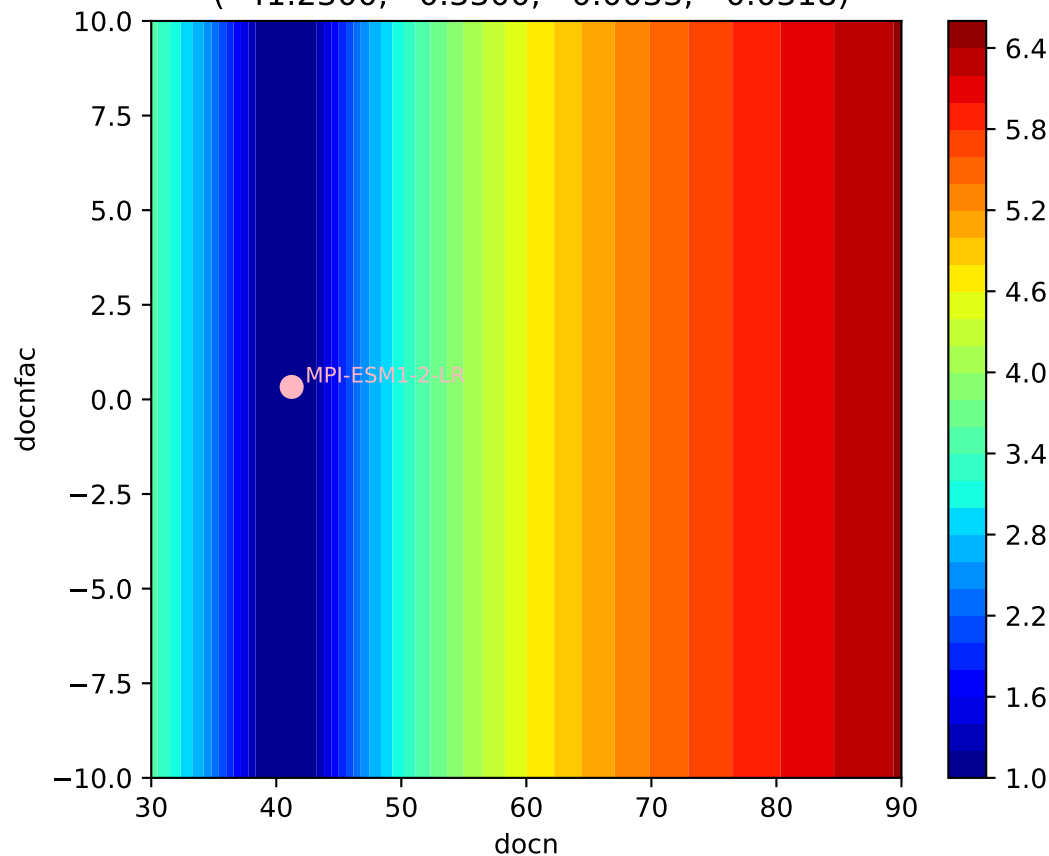


Heatmap visualization showing the relationship between npp_fast (x-axis, ranging from 0.90 to 1.00) and npp_slow (y-axis, ranging from 0.60 to 1.00). The color scale represents a value ranging from 19.752 (dark blue) to 20.008 (dark red). The plot shows a gradient of values, with higher values (red/orange) concentrated in the upper right region and lower values (blue) in the lower left region. A red dot marks the MPI-ESM2-LR configuration at approximately $(npp_fast, npp_slow) = (0.995, 0.705)$.



MPI-ESM1-2-LR, ssp245, f_o MPI-ESM1-2-LR, ssp245, f_o MPI-ESM1-2-LR, ssp245, f_o MPI-ESM1-2-LR, ssp245, f_o MPI-ESM1-2-LR, ssp245, f_o MPI-ESM1-2-LR, ssp245, f_o 

MPI-ESM1-2-LR, ssp245, f_o , $\ln(\text{MSE}/\text{SIGMA})$
(41.2300, 0.3300, 0.0033, -0.0318)



MPI-ESM1-2-LR, ssp245, f_o , $\ln(\text{MSE}/\text{SIGMA})$
(41.2300, 0.3300, 0.0033, -0.0318)

