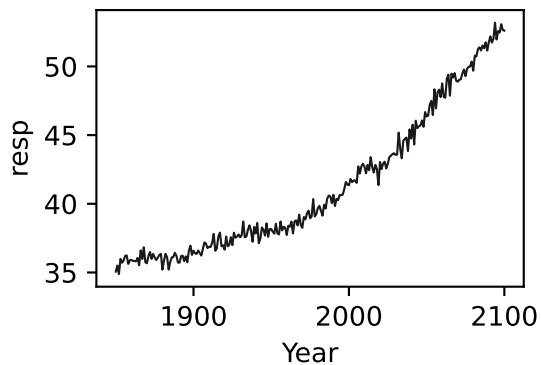
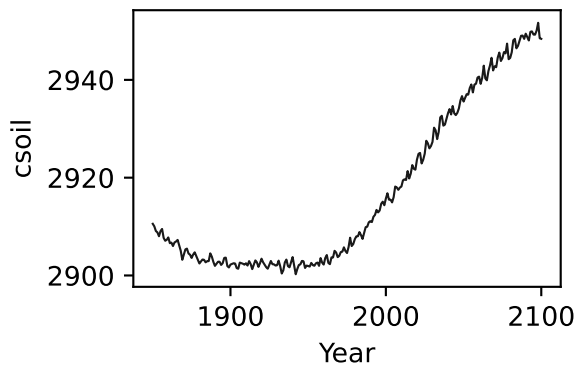
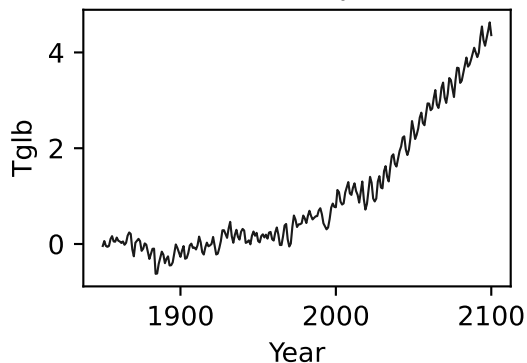


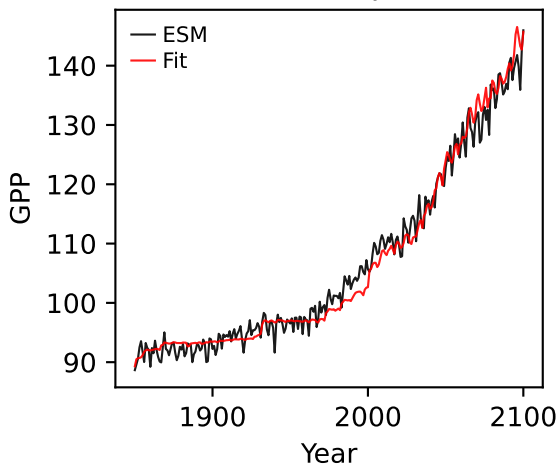
CMCC-ESM2, ssp370, GPP



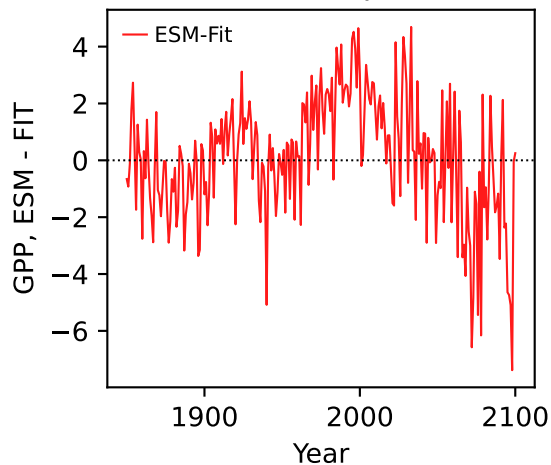
CMCC-ESM2, ssp370, GPP



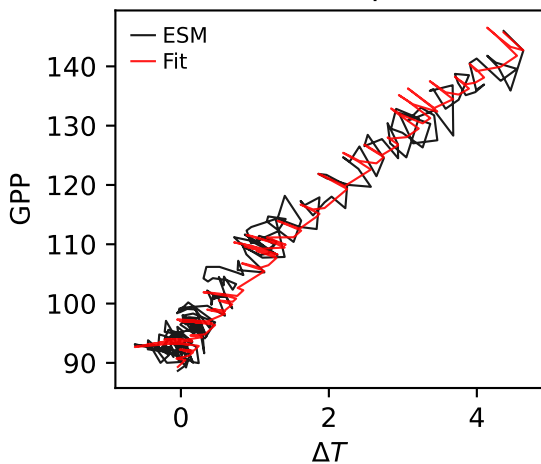
CMCC-ESM2, ssp370, GPP



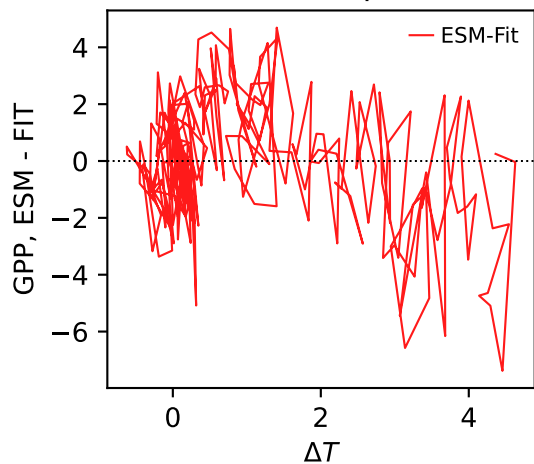
CMCC-ESM2, ssp370, GPP



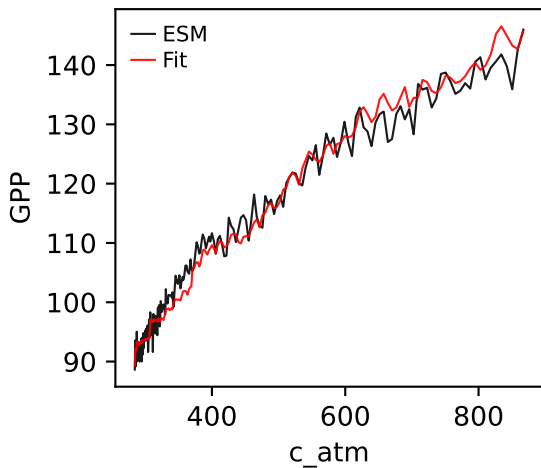
CMCC-ESM2, ssp370, GPP



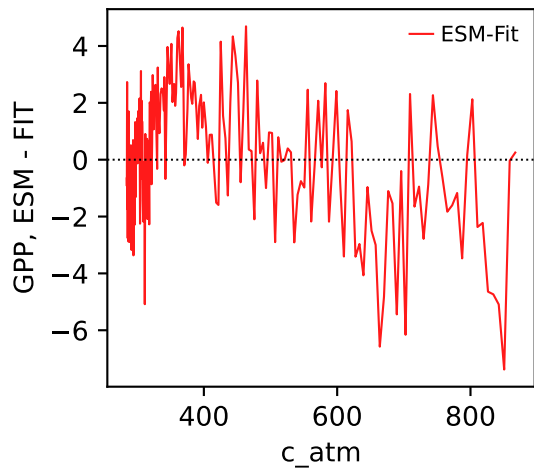
CMCC-ESM2, ssp370, GPP



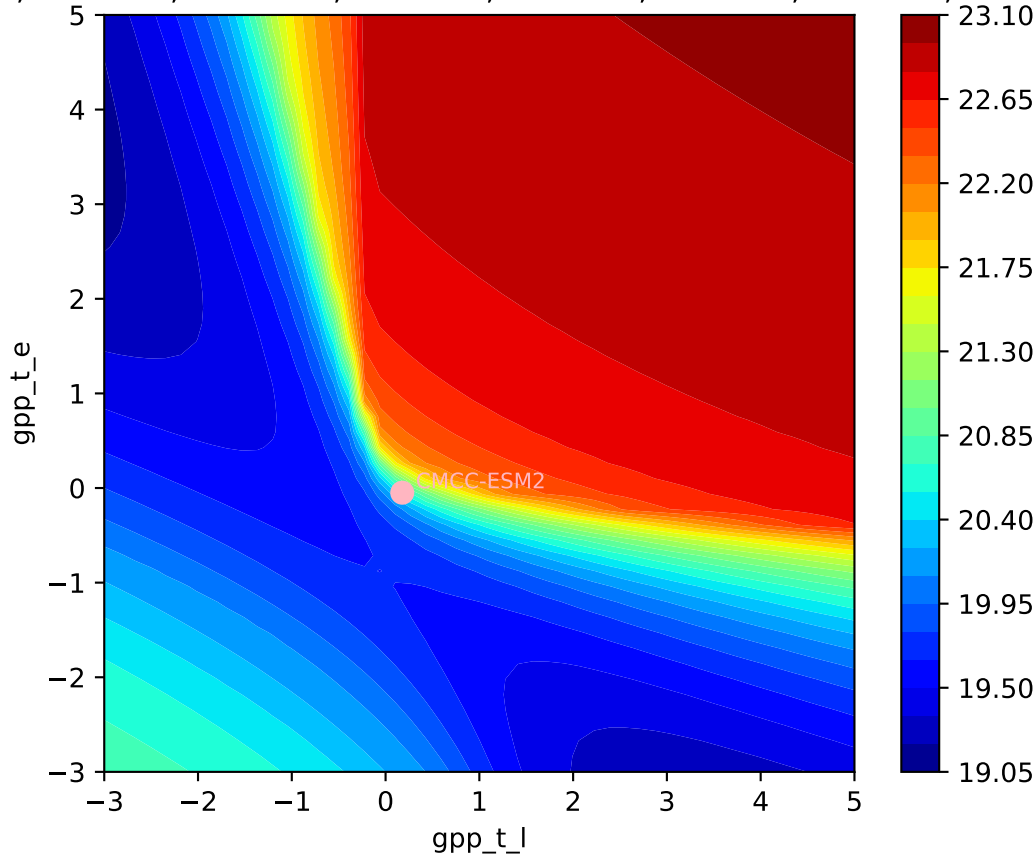
CMCC-ESM2, ssp370, GPP



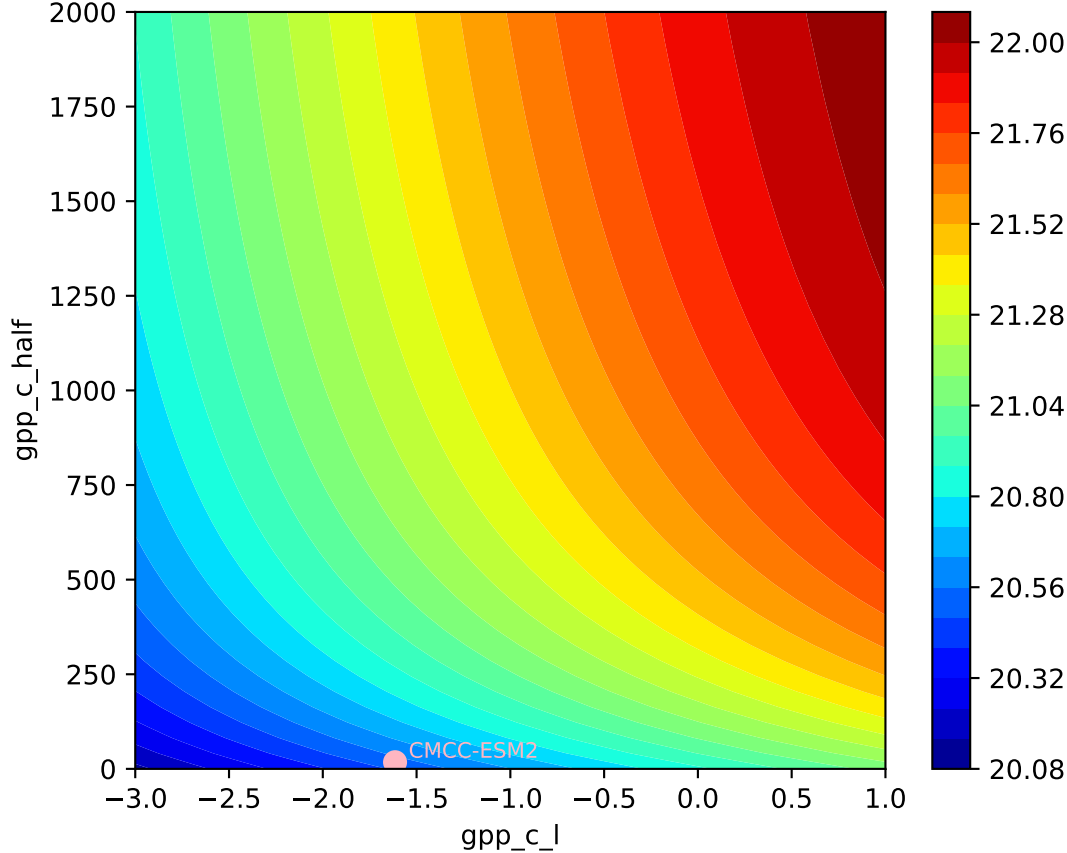
CMCC-ESM2, ssp370, GPP

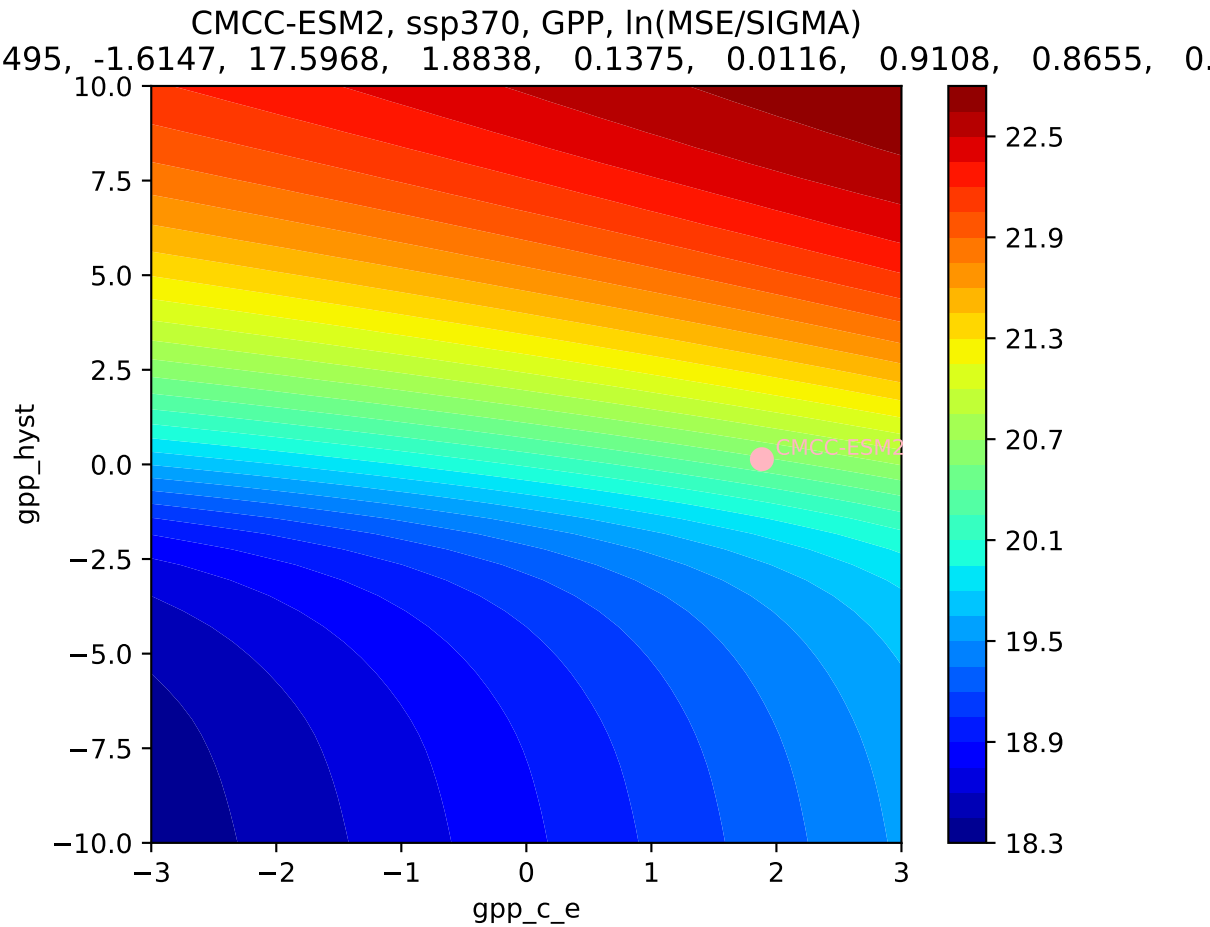


CMCC-ESM2, ssp370, GPP,  $\ln(\text{MSE}/\text{SIGMA})$   
495, -1.6147, 17.5968, 1.8838, 0.1375, 0.0116, 0.9108, 0.8655, 0.

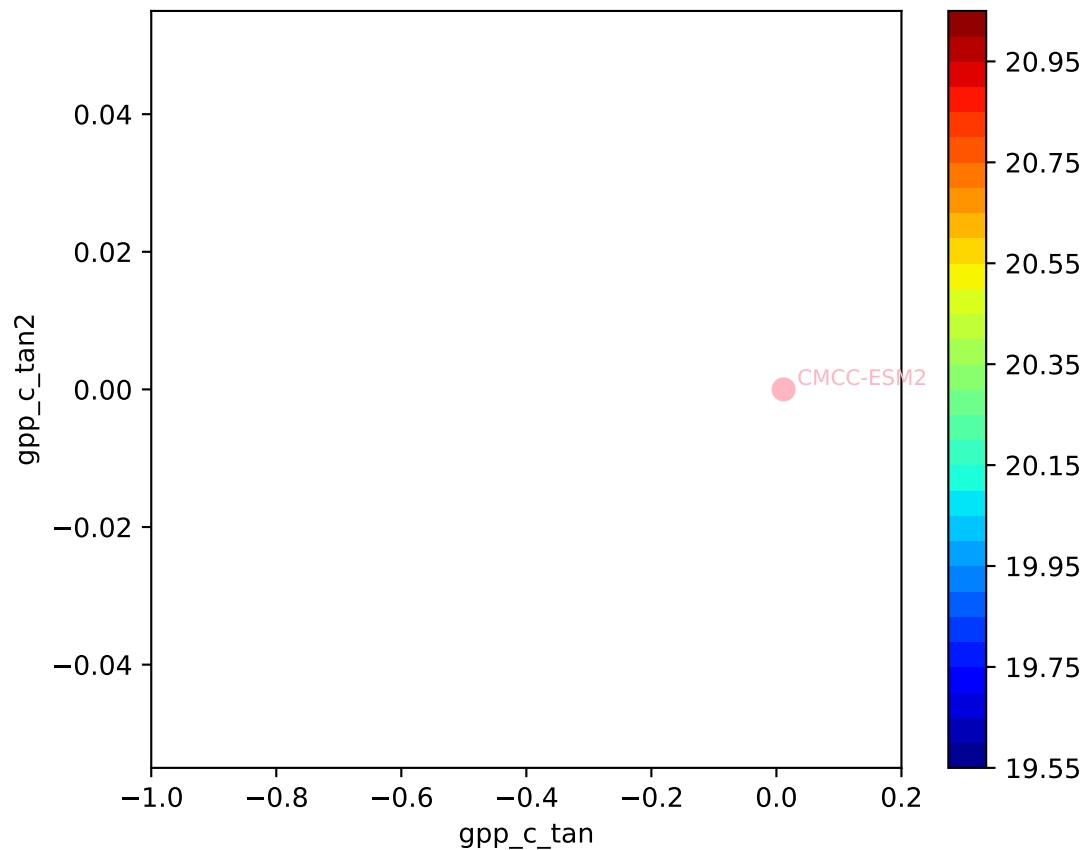


CMCC-ESM2, ssp370, GPP,  $\ln(\text{MSE}/\text{SIGMA})$   
495, -1.6147, 17.5968, 1.8838, 0.1375, 0.0116, 0.9108, 0.8655, 0.

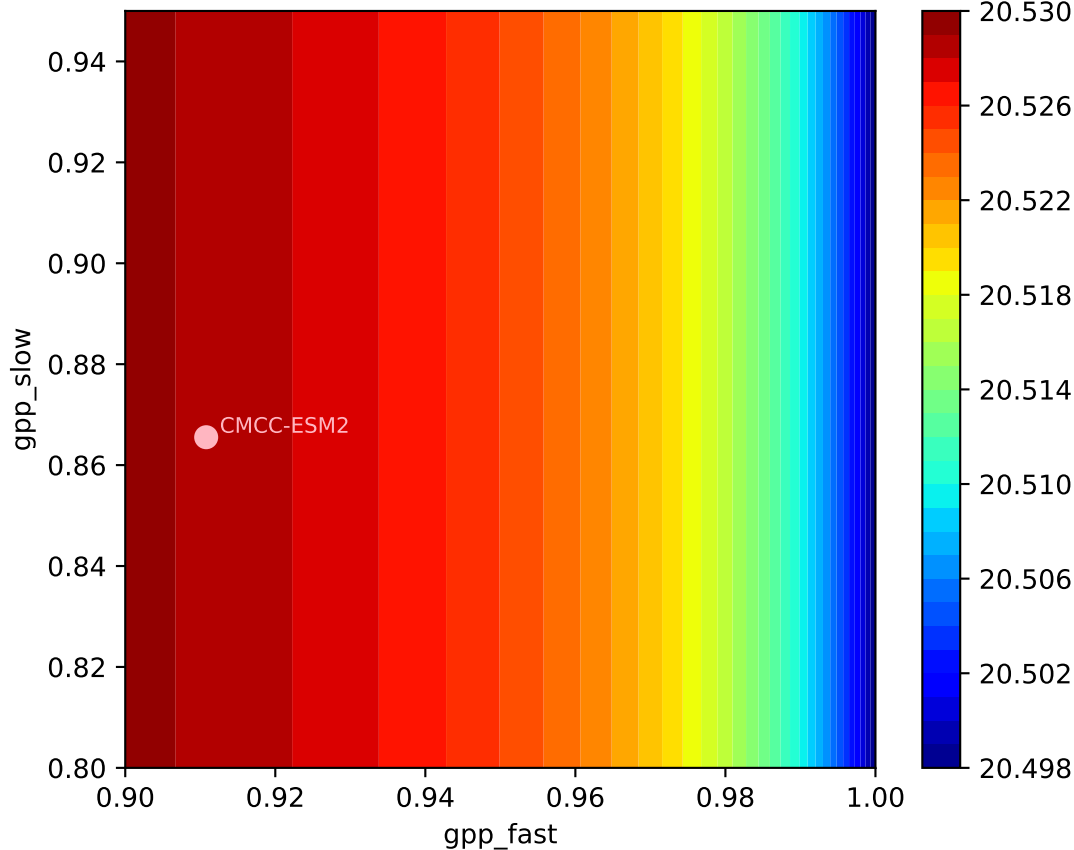




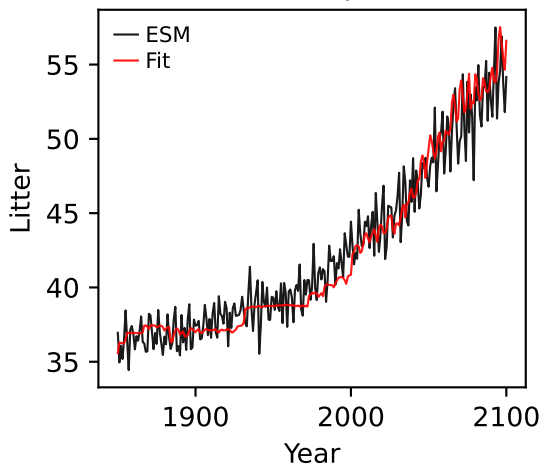
CMCC-ESM2, ssp370, GPP,  $\ln(\text{MSE}/\text{SIGMA})$   
495, -1.6147, 17.5968, 1.8838, 0.1375, 0.0116, 0.9108, 0.8655, 0.



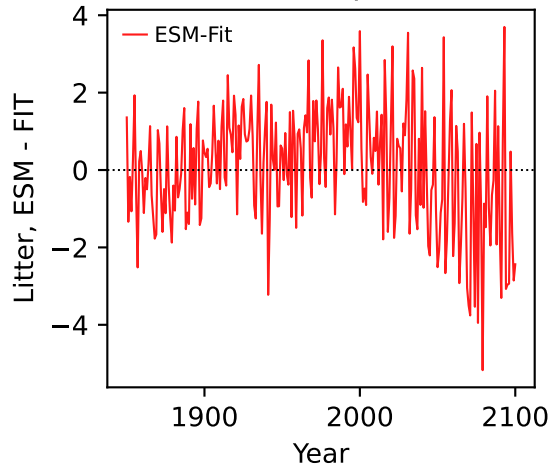
CMCC-ESM2, ssp370, GPP,  $\ln(\text{MSE}/\text{SIGMA})$   
495, -1.6147, 17.5968, 1.8838, 0.1375, 0.0116, 0.9108, 0.8655, 0.



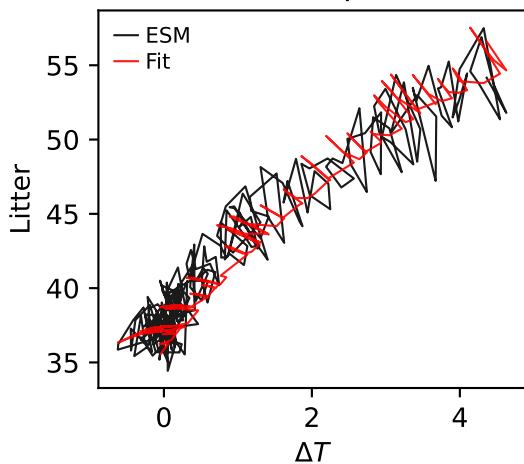
CMCC-ESM2, ssp370, Litter



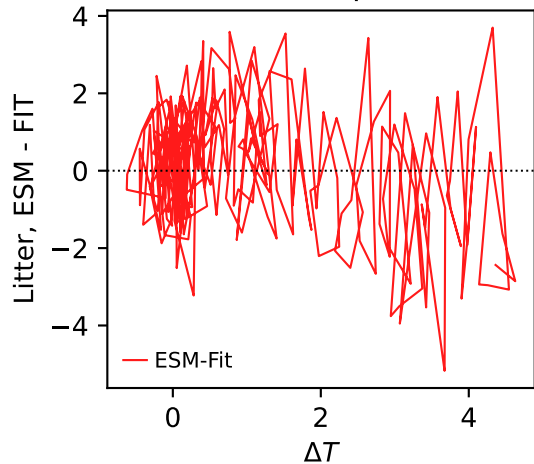
CMCC-ESM2, ssp370, Litter



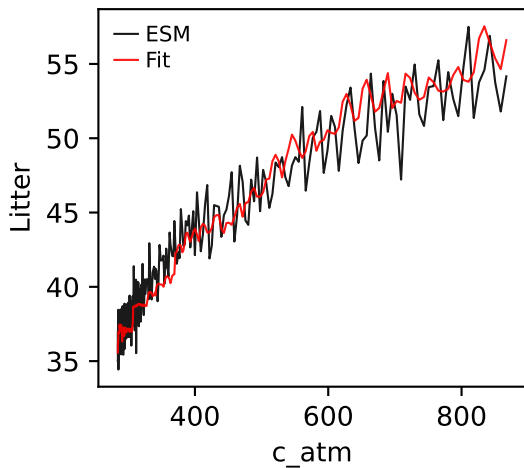
CMCC-ESM2, ssp370, Litter



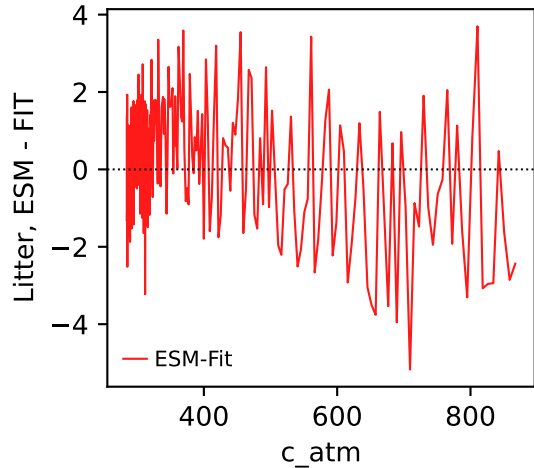
CMCC-ESM2, ssp370, Litter



CMCC-ESM2, ssp370, Litter



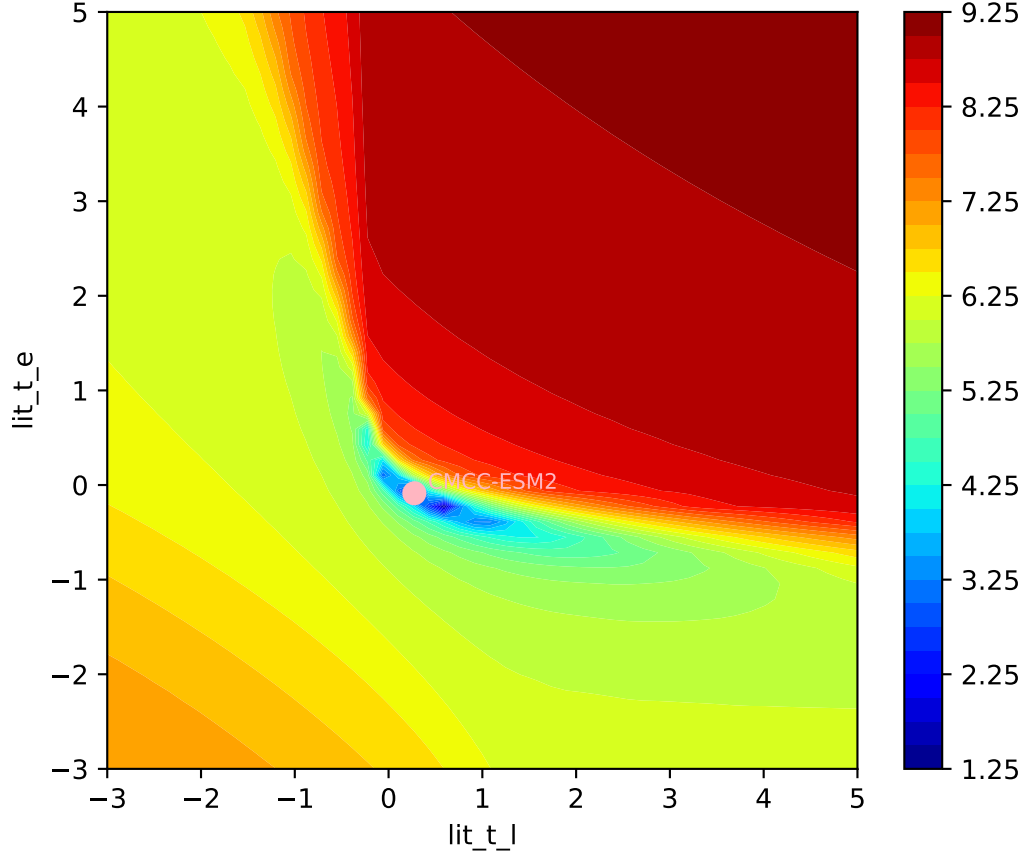
CMCC-ESM2, ssp370, Litter



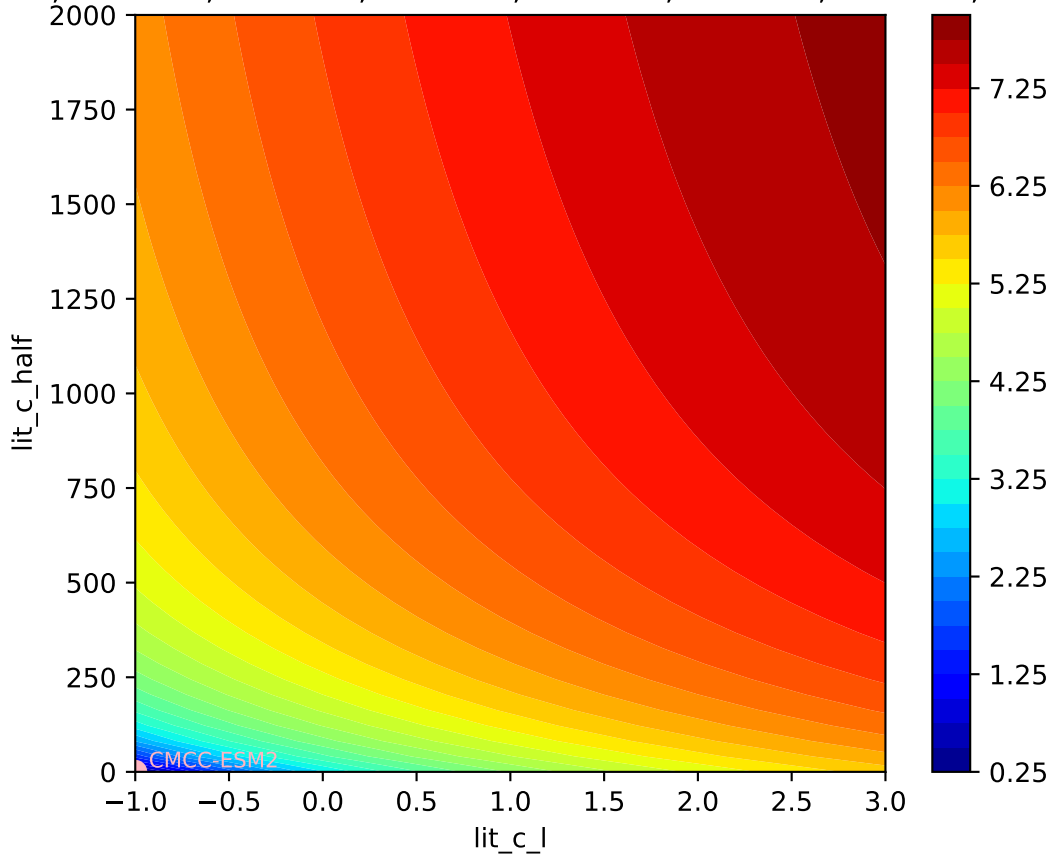


CMCC-ESM2, ssp370, Litter,  $\ln(\text{MSE}/\text{SIGMA})$

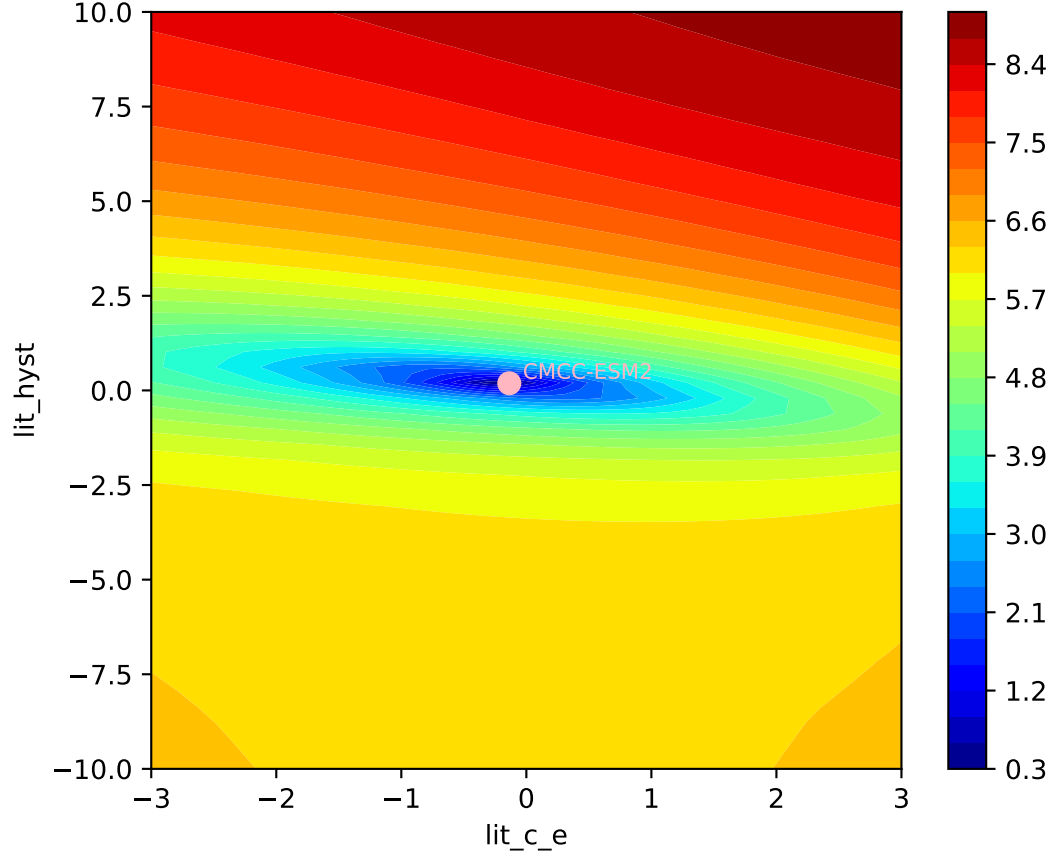
866, -1.0000, 0.0000, -0.1364, 0.1889, 0.0225, 0.9804, 0.9377, 0.



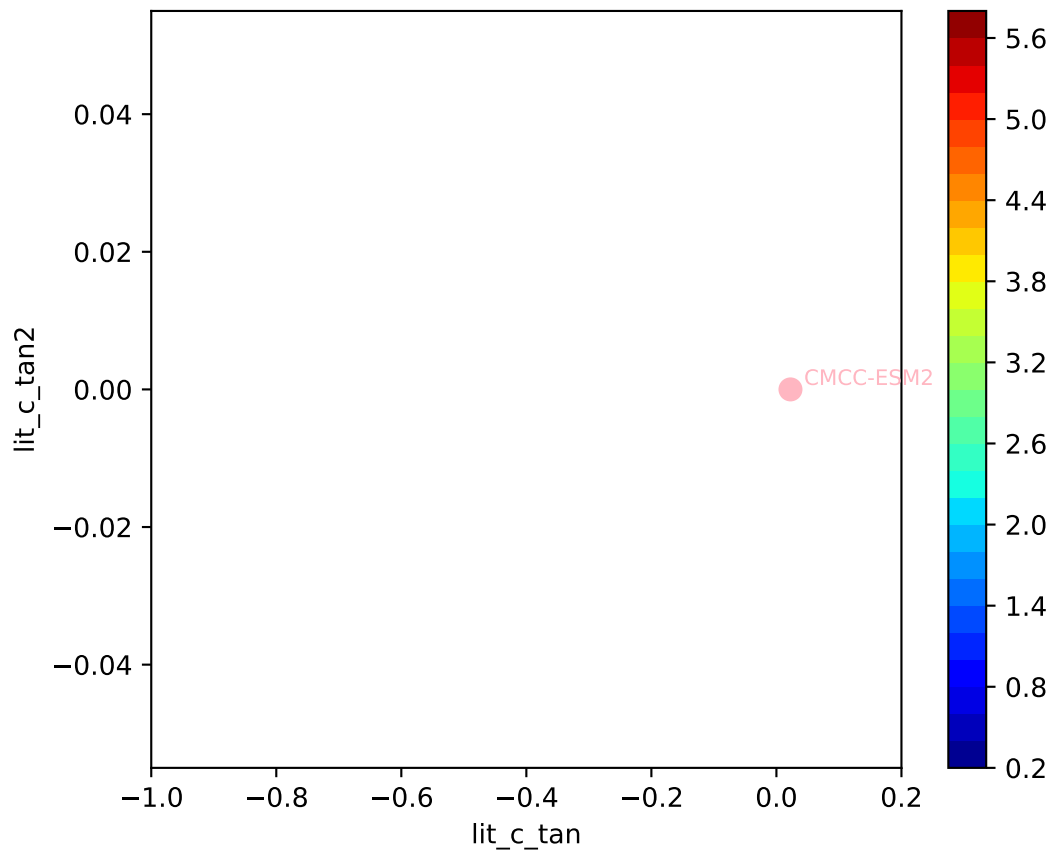
CMCC-ESM2, ssp370, Litter,  $\ln(\text{MSE}/\text{SIGMA})$



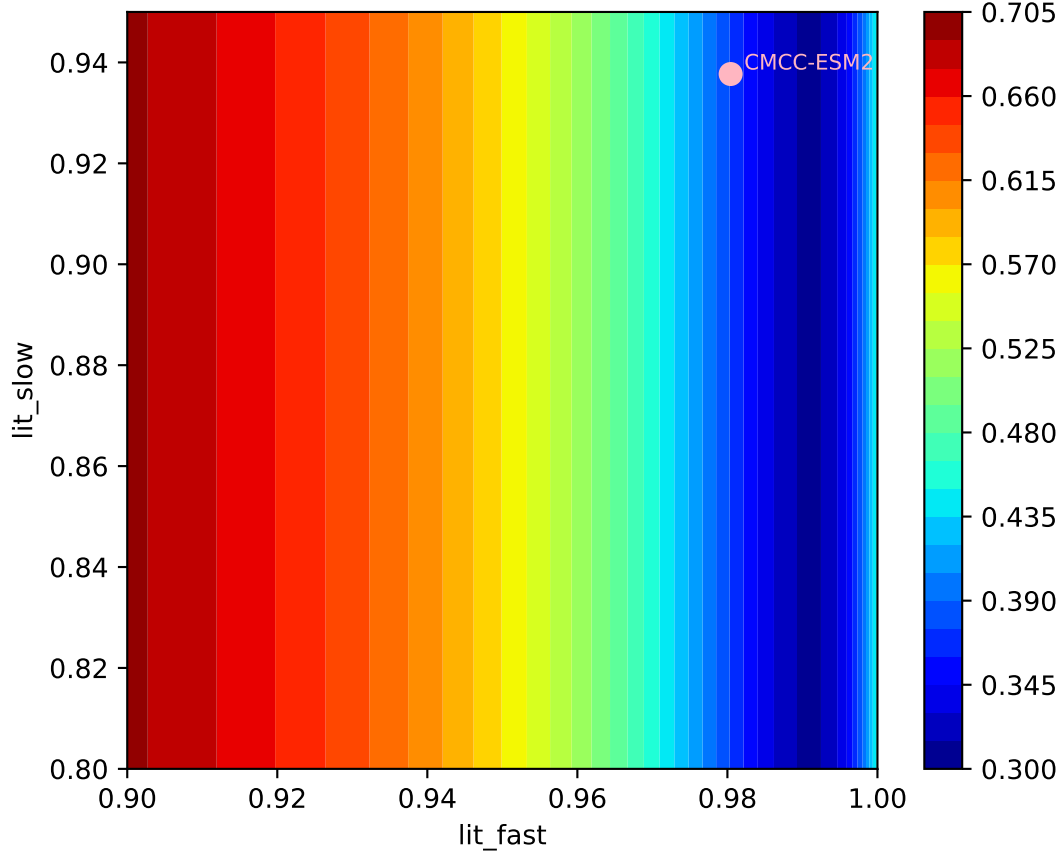
CMCC-ESM2, ssp370, Litter,  $\ln(\text{MSE}/\text{SIGMA})$   
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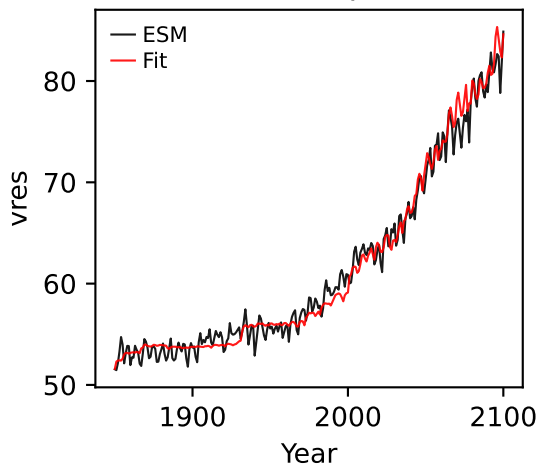
CMCC-ESM2, ssp370, Litter,  $\ln(\text{MSE}/\text{SIGMA})$   
866, -1.0000, 0.0000, -0.1364, 0.1889, 0.0225, 0.9804, 0.9377, 0.



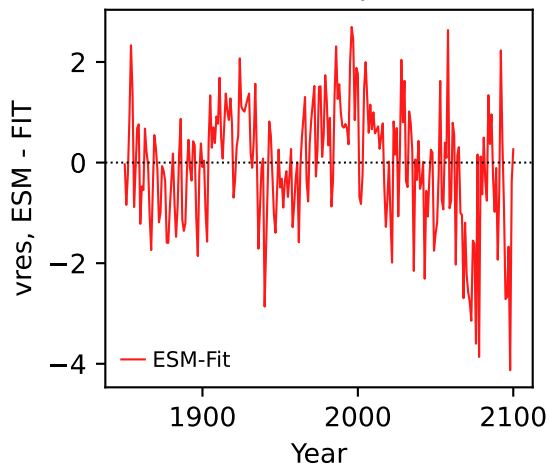
CMCC-ESM2, ssp370, Litter,  $\ln(\text{MSE}/\text{SIGMA})$   
866, -1.0000, 0.0000, -0.1364, 0.1889, 0.0225, 0.9804, 0.9377, 0.



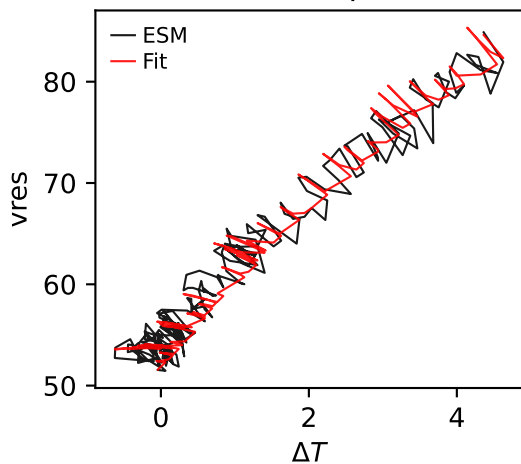
CMCC-ESM2, ssp370, vres



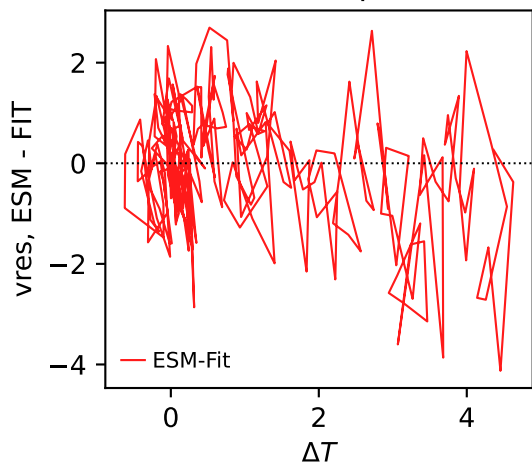
CMCC-ESM2, ssp370, vres



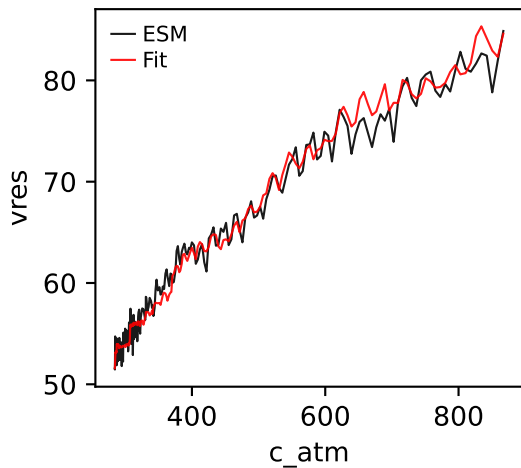
CMCC-ESM2, ssp370, vres



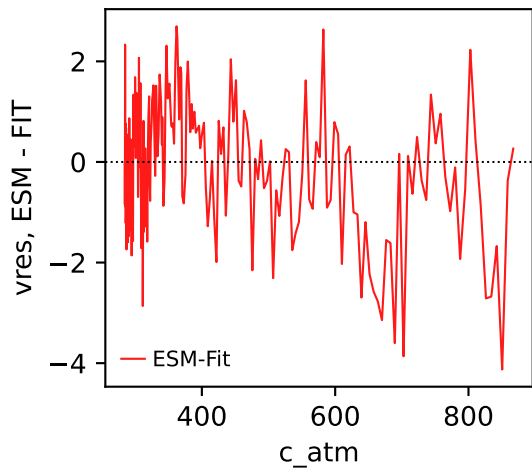
CMCC-ESM2, ssp370, vres



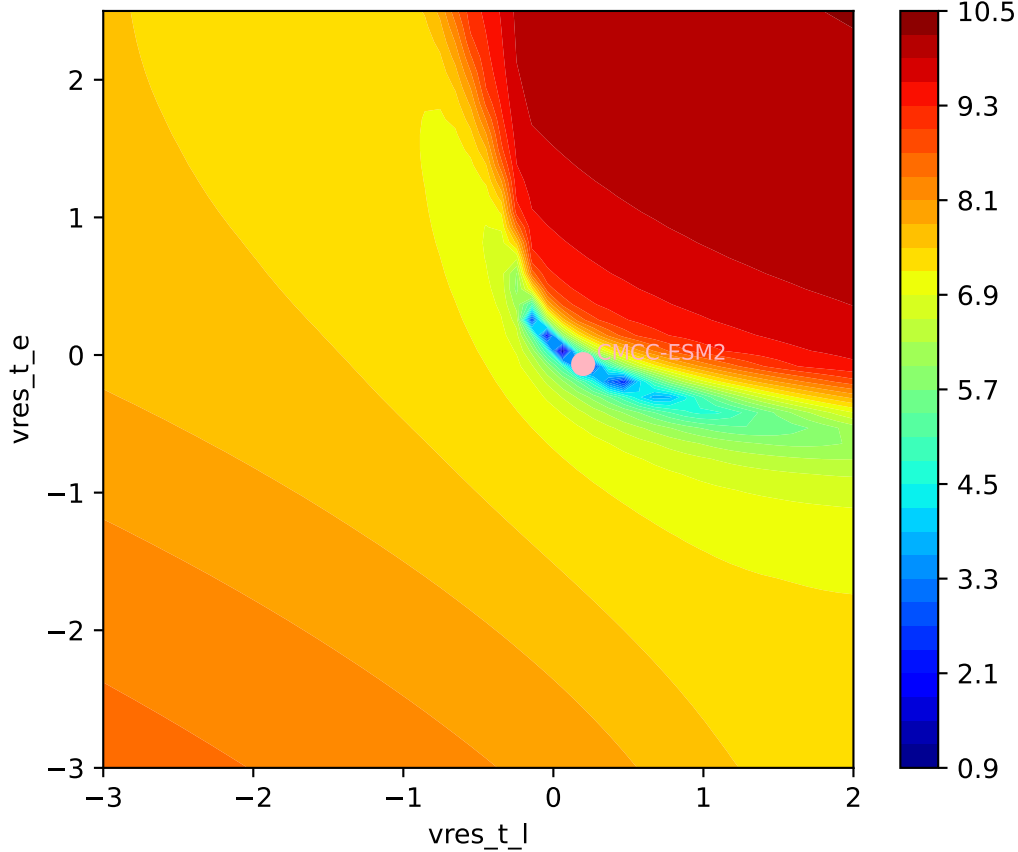
CMCC-ESM2, ssp370, vres



CMCC-ESM2, ssp370, vres

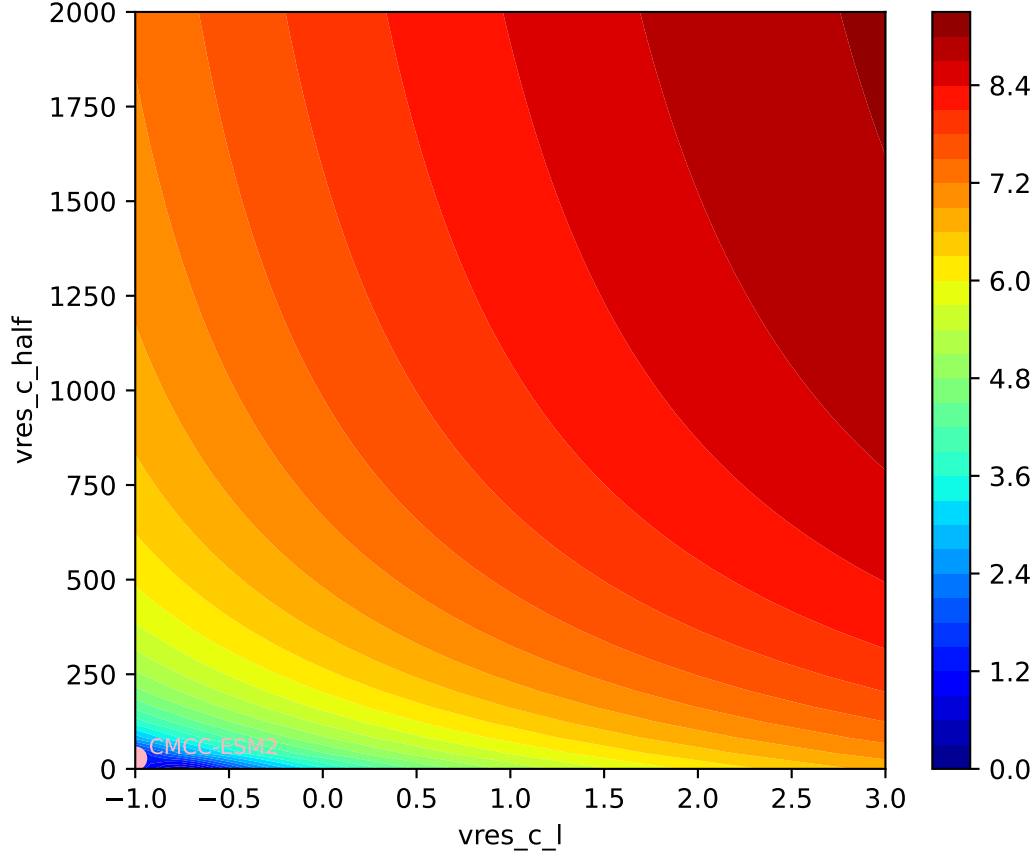


CMCC-ESM2, ssp370, vres, ln(MSE/SIGMA)  
659, -1.0000, 27.5705, 0.0027, 0.1541, 0.0215, 0.9000, 0.9242, 0.



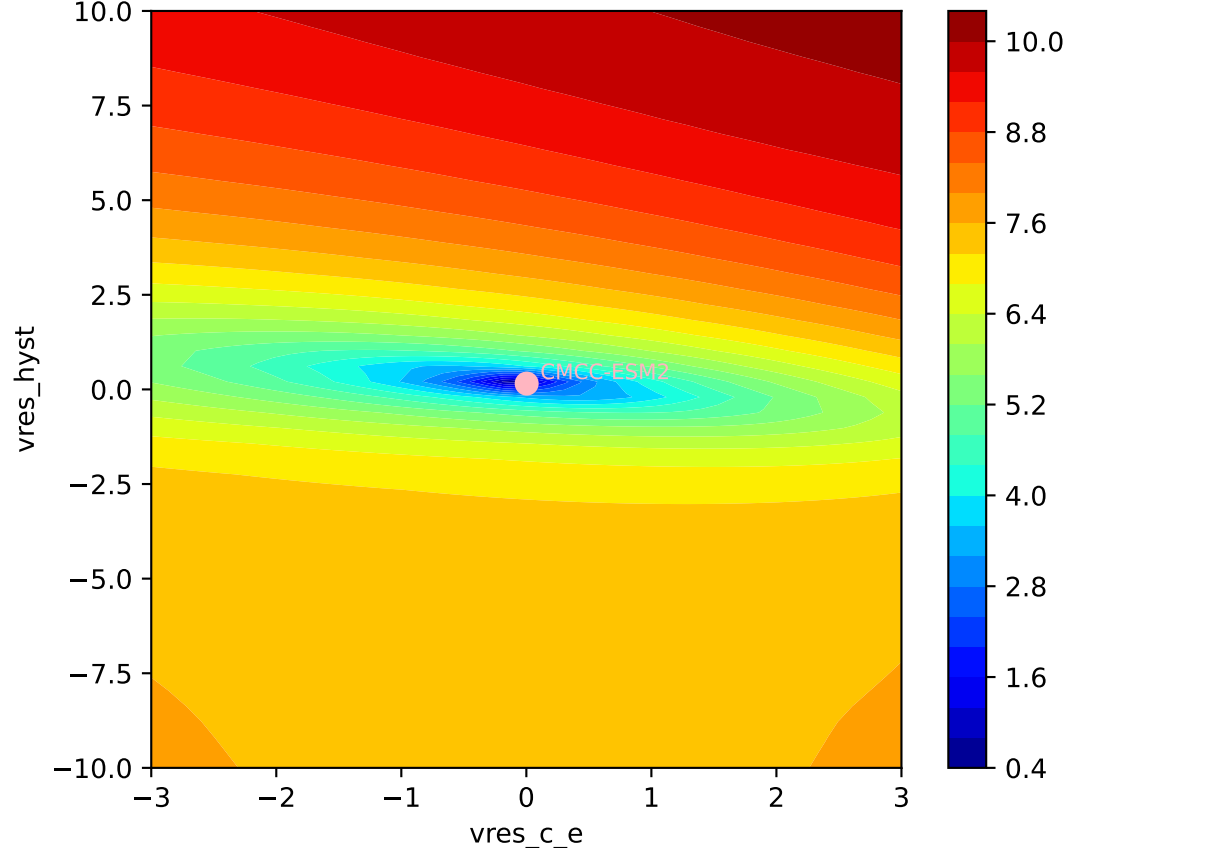
CMCC-ESM2, ssp370, vres, ln(MSE/SIGMA)

659, -1.0000, 27.5705, 0.0027, 0.1541, 0.0215, 0.9000, 0.9242, 0.9483, 0.9725, 0.9967, 1.0209, 1.0451, 1.0693, 1.0935, 1.1177, 1.1419, 1.1661, 1.1903, 1.2145, 1.2387, 1.2629, 1.2871, 1.3113, 1.3355, 1.3597, 1.3839, 1.4081, 1.4323, 1.4565, 1.4807, 1.5049, 1.5291, 1.5533, 1.5775, 1.6017, 1.6259, 1.6501, 1.6743, 1.6985, 1.7227, 1.7469, 1.7711, 1.7953, 1.8195, 1.8437, 1.8679, 1.8921, 1.9163, 1.9405, 1.9647, 1.9889, 2.0131, 2.0373, 2.0615, 2.0857, 2.1099, 2.1341, 2.1583, 2.1825, 2.2067, 2.2309, 2.2551, 2.2793, 2.3035, 2.3277, 2.3519, 2.3761, 2.4003, 2.4245, 2.4487, 2.4729, 2.4971, 2.5213, 2.5455, 2.5697, 2.5939, 2.6181, 2.6423, 2.6665, 2.6907, 2.7149, 2.7391, 2.7633, 2.7875, 2.8117, 2.8359, 2.8601, 2.8843, 2.9085, 2.9327, 2.9569, 2.9811, 3.0053, 3.0295, 3.0537, 3.0779, 3.1021, 3.1263, 3.1505, 3.1747, 3.1989, 3.2231, 3.2473, 3.2715, 3.2957, 3.3199, 3.3441, 3.3683, 3.3925, 3.4167, 3.4409, 3.4651, 3.4893, 3.5135, 3.5377, 3.5619, 3.5861, 3.6103, 3.6345, 3.6587, 3.6829, 3.7071, 3.7313, 3.7555, 3.7797, 3.8039, 3.8281, 3.8523, 3.8765, 3.9007, 3.9249, 3.9491, 3.9733, 3.9975, 4.0217, 4.0459, 4.0701, 4.0943, 4.1185, 4.1427, 4.1669, 4.1911, 4.2153, 4.2395, 4.2637, 4.2879, 4.3121, 4.3363, 4.3605, 4.3847, 4.4089, 4.4331, 4.4573, 4.4815, 4.5057, 4.5299, 4.5541, 4.5783, 4.6025, 4.6267, 4.6509, 4.6751, 4.6993, 4.7235, 4.7477, 4.7719, 4.7961, 4.8203, 4.8445, 4.8687, 4.8929, 4.9171, 4.9413, 4.9655, 4.9897, 5.0139, 5.0381, 5.0623, 5.0865, 5.1107, 5.1349, 5.1591, 5.1833, 5.2075, 5.2317, 5.2559, 5.2801, 5.3043, 5.3285, 5.3527, 5.3769, 5.4011, 5.4253, 5.4495, 5.4737, 5.4979, 5.5221, 5.5463, 5.5705, 5.5947, 5.6189, 5.6431, 5.6673, 5.6915, 5.7157, 5.7399, 5.7641, 5.7883, 5.8125, 5.8367, 5.8609, 5.8851, 5.9093, 5.9335, 5.9577, 5.9819, 6.0061, 6.0303, 6.0545, 6.0787, 6.1029, 6.1271, 6.1513, 6.1755, 6.1997, 6.2239, 6.2481, 6.2723, 6.2965, 6.3207, 6.3449, 6.3691, 6.3933, 6.4175, 6.4417, 6.4659, 6.4901, 6.5143, 6.5385, 6.5627, 6.5869, 6.6111, 6.6353, 6.6595, 6.6837, 6.7079, 6.7321, 6.7563, 6.7805, 6.8047, 6.8289, 6.8531, 6.8773, 6.9015, 6.9257, 6.9499, 6.9741, 6.9983, 7.0225, 7.0467, 7.0709, 7.0951, 7.1193, 7.1435, 7.1677, 7.1919, 7.2161, 7.2403, 7.2645, 7.2887, 7.3129, 7.3371, 7.3613, 7.3855, 7.4097, 7.4339, 7.4581, 7.4823, 7.5065, 7.5307, 7.5549, 7.5791, 7.6033, 7.6275, 7.6517, 7.6759, 7.7001, 7.7243, 7.7485, 7.7727, 7.7969, 7.8211, 7.8453, 7.8695, 7.8937, 7.9179, 7.9421, 7.9663, 7.9905, 8.0147, 8.0389, 8.0631, 8.0873, 8.1115, 8.1357, 8.1599, 8.1841, 8.2083, 8.2325, 8.2567, 8.2809, 8.3051, 8.3293, 8.3535, 8.3777, 8.4019, 8.4261, 8.4503, 8.4745, 8.4987, 8.5229, 8.5471, 8.5713, 8.5955, 8.6197, 8.6439, 8.6681, 8.6923, 8.7165, 8.7407, 8.7649, 8.7891, 8.8133, 8.8375, 8.8617, 8.8859, 8.9101, 8.9343, 8.9585, 8.9827, 9.0069, 9.0311, 9.0553, 9.0795, 9.1037, 9.1279, 9.1521, 9.1763, 9.2005, 9.2247, 9.2489, 9.2731, 9.2973, 9.3215, 9.3457, 9.3699, 9.3941, 9.4183, 9.4425, 9.4667, 9.4909, 9.5151, 9.5393, 9.5635, 9.5877, 9.6119, 9.6361, 9.6603, 9.6845, 9.7087, 9.7329, 9.7571, 9.7813, 9.8055, 9.8297, 9.8539, 9.8781, 9.9023, 9.9265, 9.9507, 9.9749, 10.0000

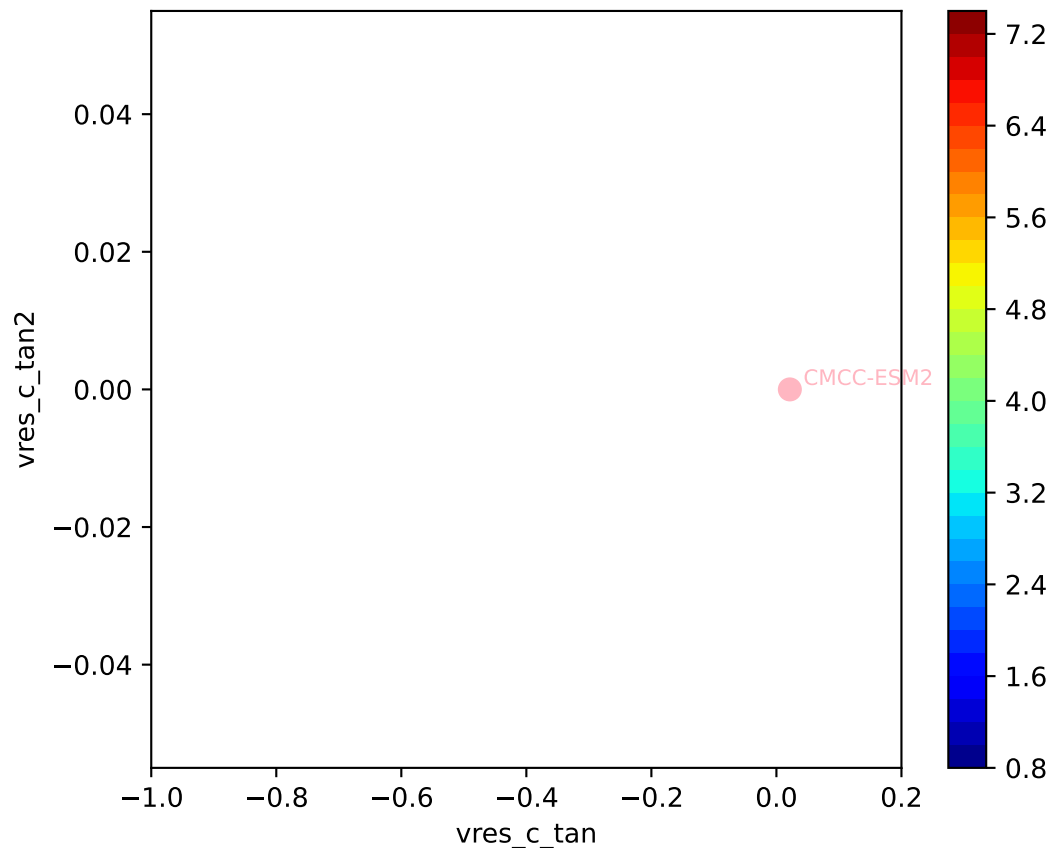




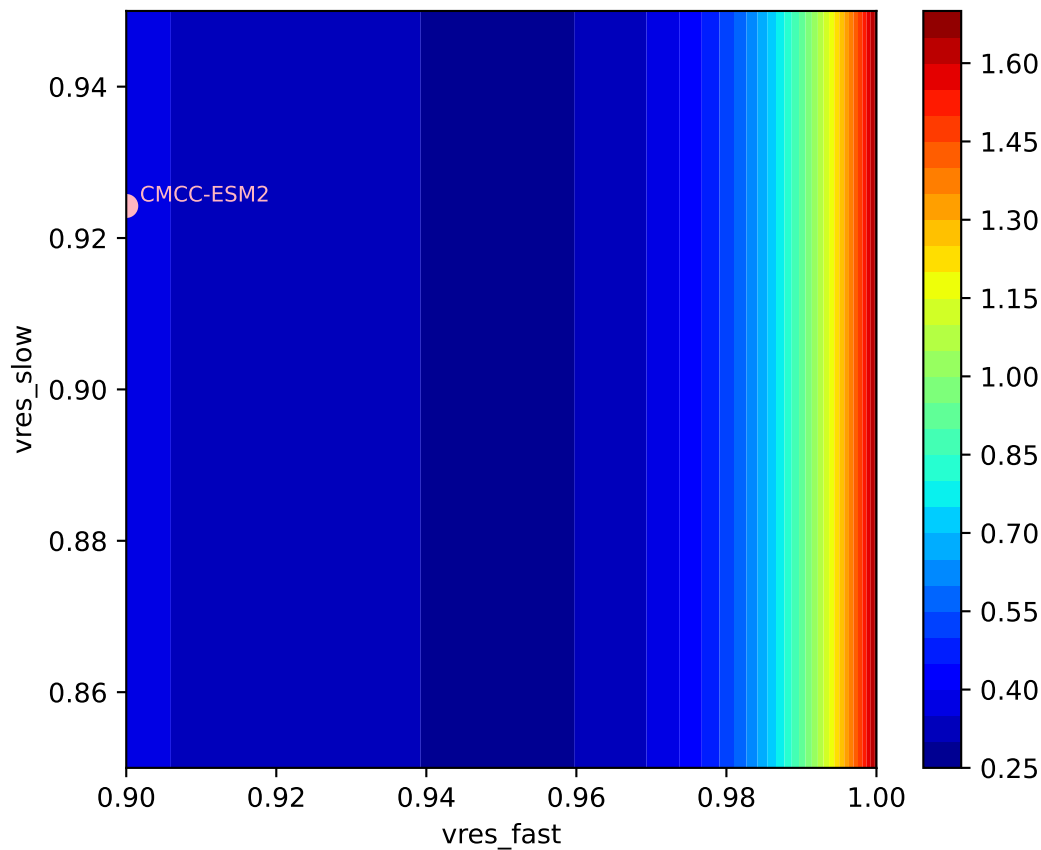
CMCC-ESM2, ssp370, vres, ln(MSE/SIGMA)



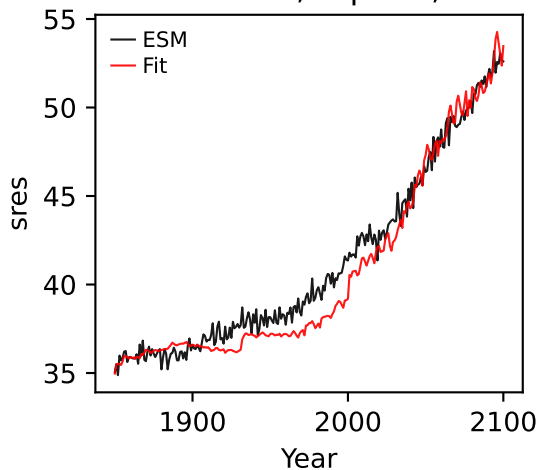
CMCC-ESM2, ssp370, vres, ln(MSE/SIGMA)  
659, -1.0000, 27.5705, 0.0027, 0.1541, 0.0215, 0.9000, 0.9242, 0.



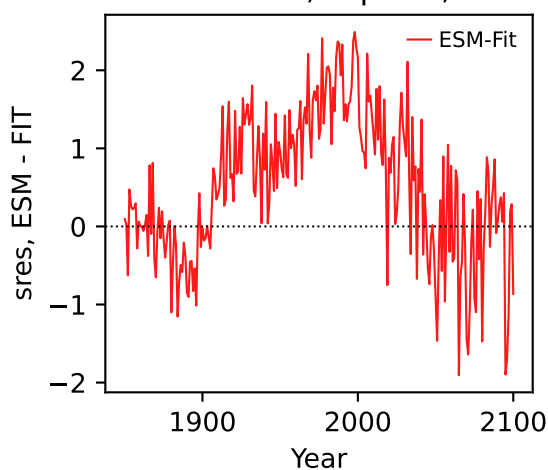
CMCC-ESM2, ssp370, vres, ln(MSE/SIGMA)  
659, -1.0000, 27.5705, 0.0027, 0.1541, 0.0215, 0.9000, 0.9242, 0.



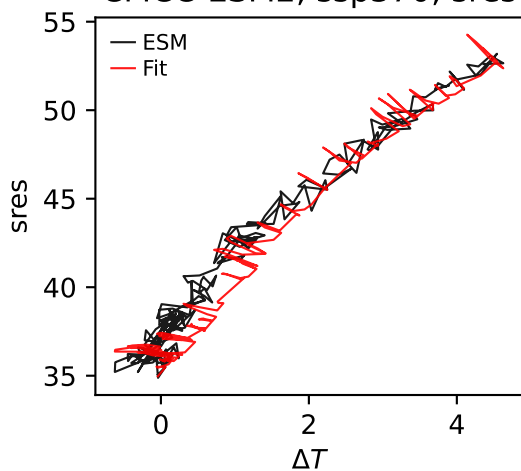
CMCC-ESM2, ssp370, sres



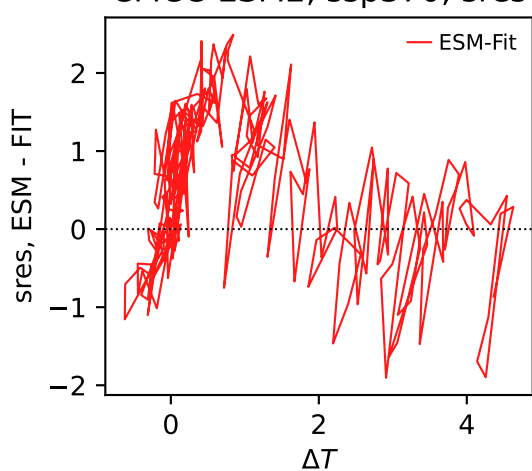
CMCC-ESM2, ssp370, sres



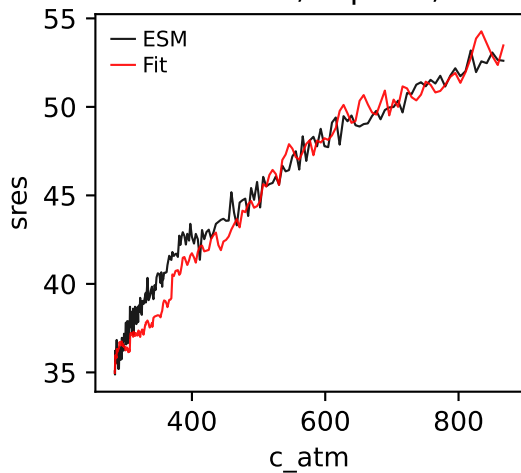
CMCC-ESM2, ssp370, sres



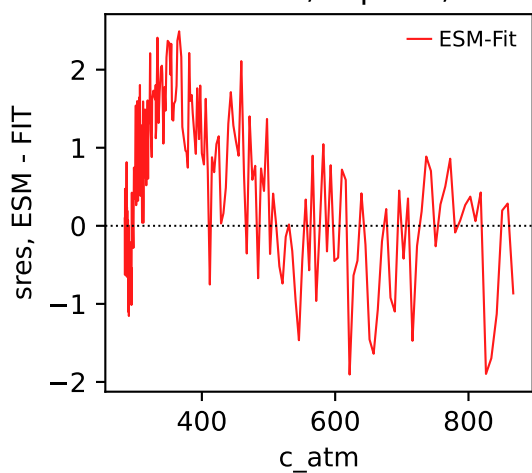
CMCC-ESM2, ssp370, sres



CMCC-ESM2, ssp370, sres

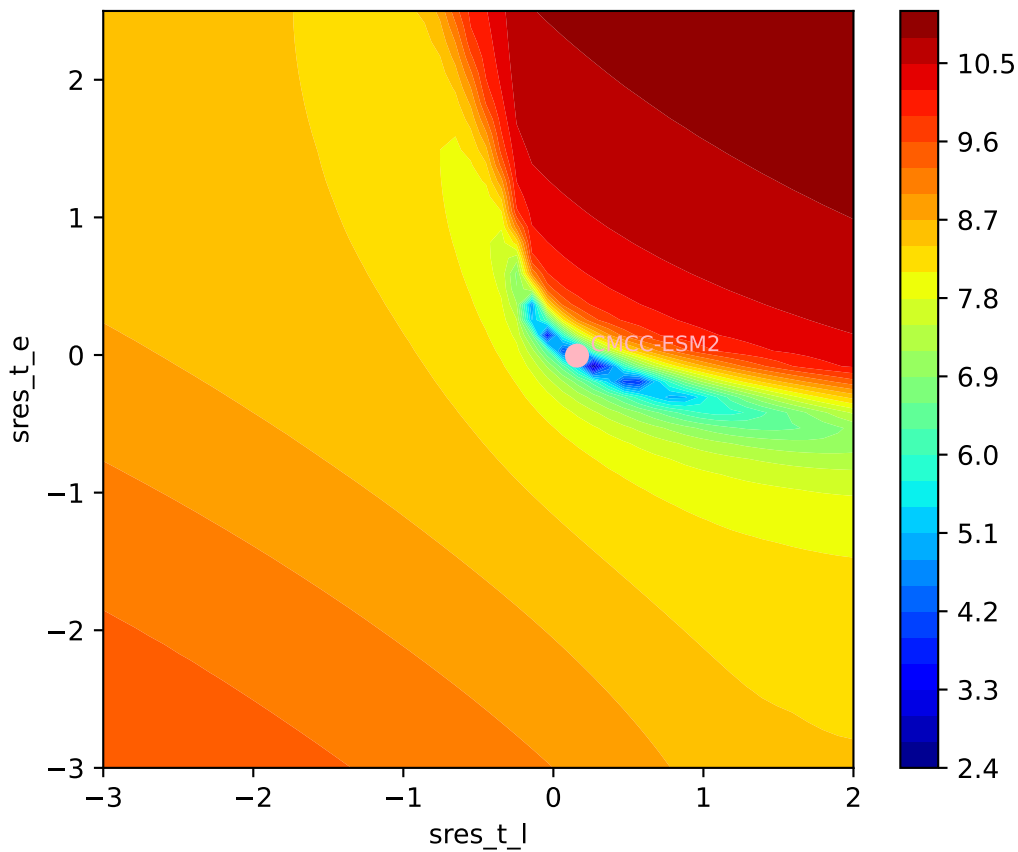


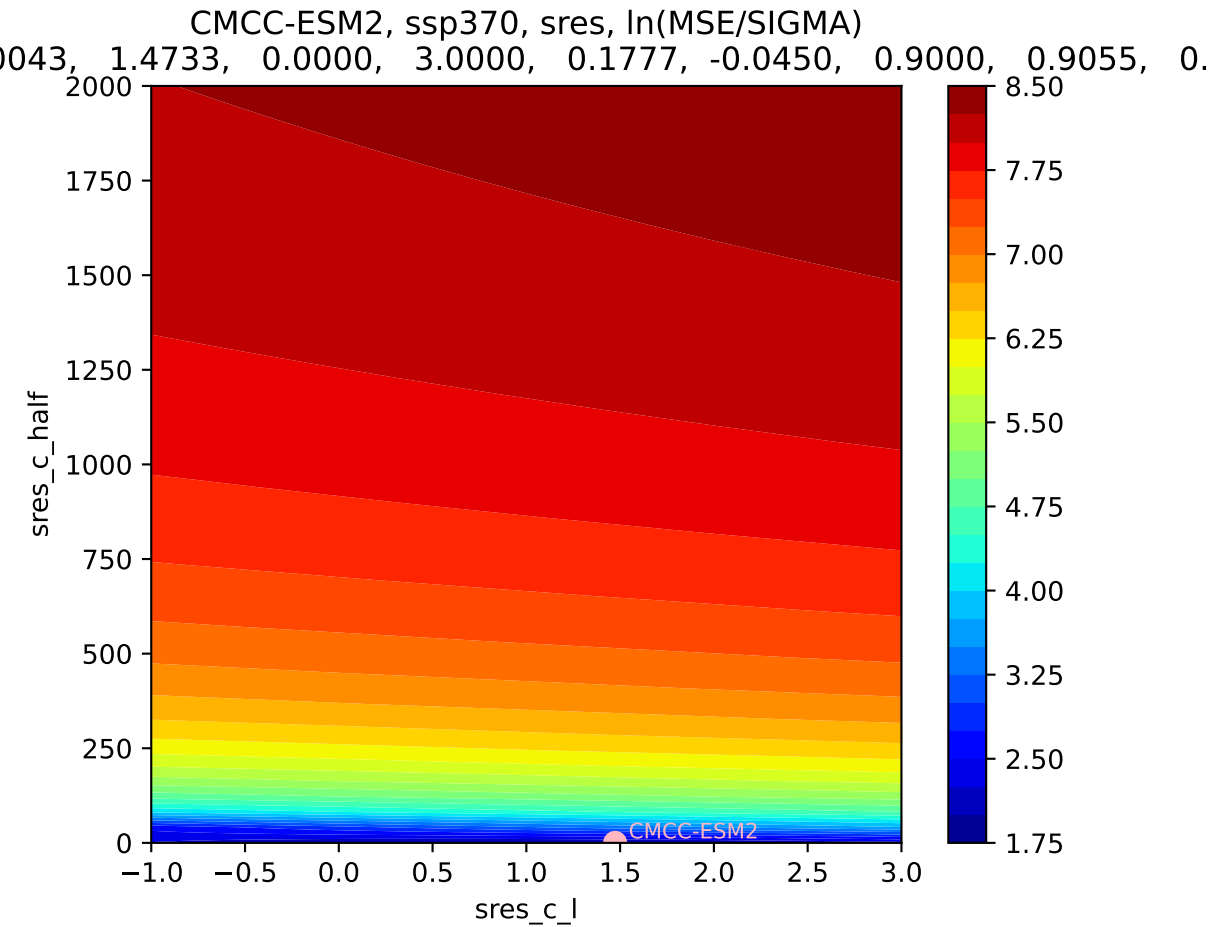
CMCC-ESM2, ssp370, sres

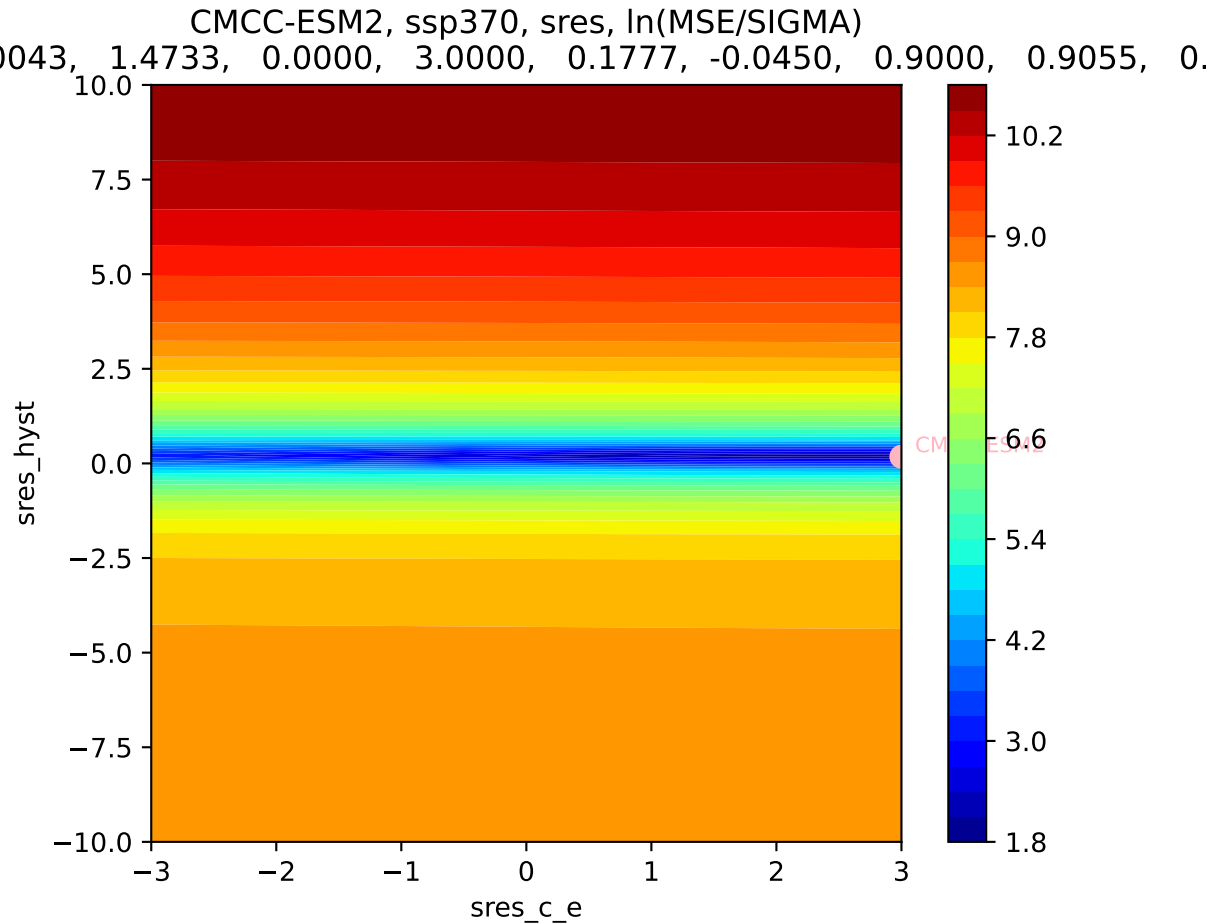


CMCC-ESM2, ssp370, sres, ln(MSE/SIGMA)

0043, 1.4733, 0.0000, 3.0000, 0.1777, -0.0450, 0.9000, 0.9055, 0.

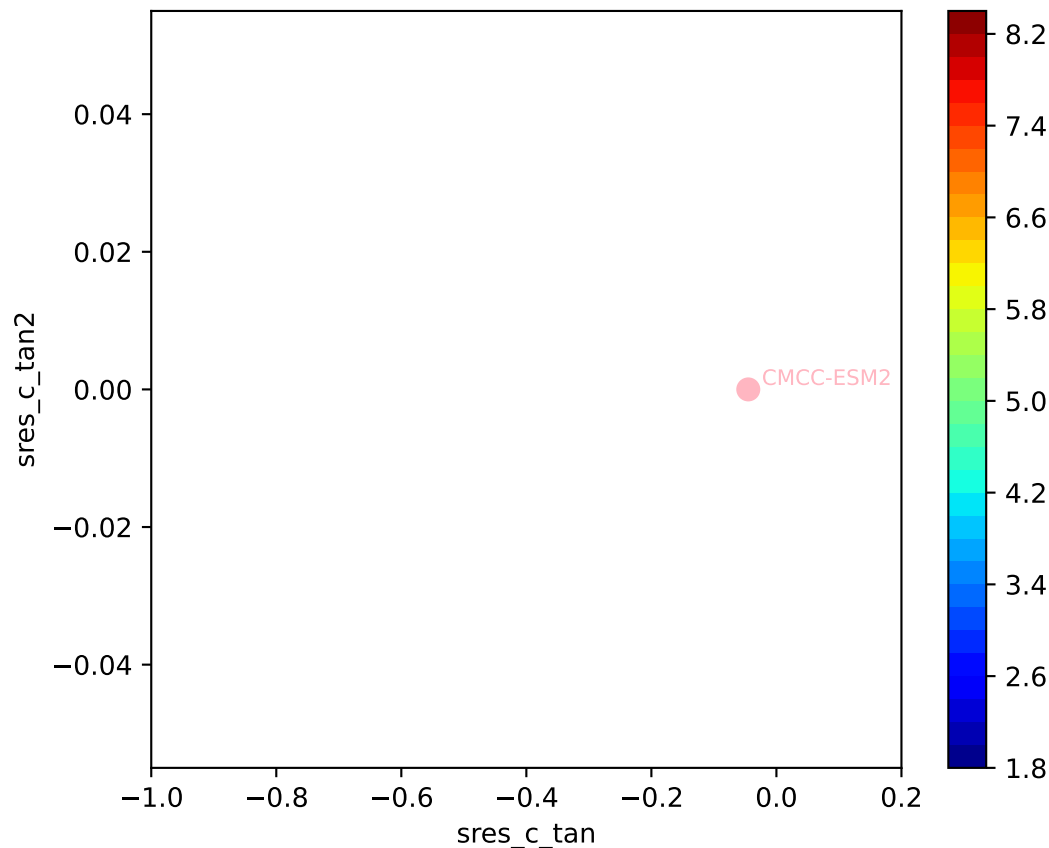






CMCC-ESM2, ssp370, sres, ln(MSE/SIGMA)

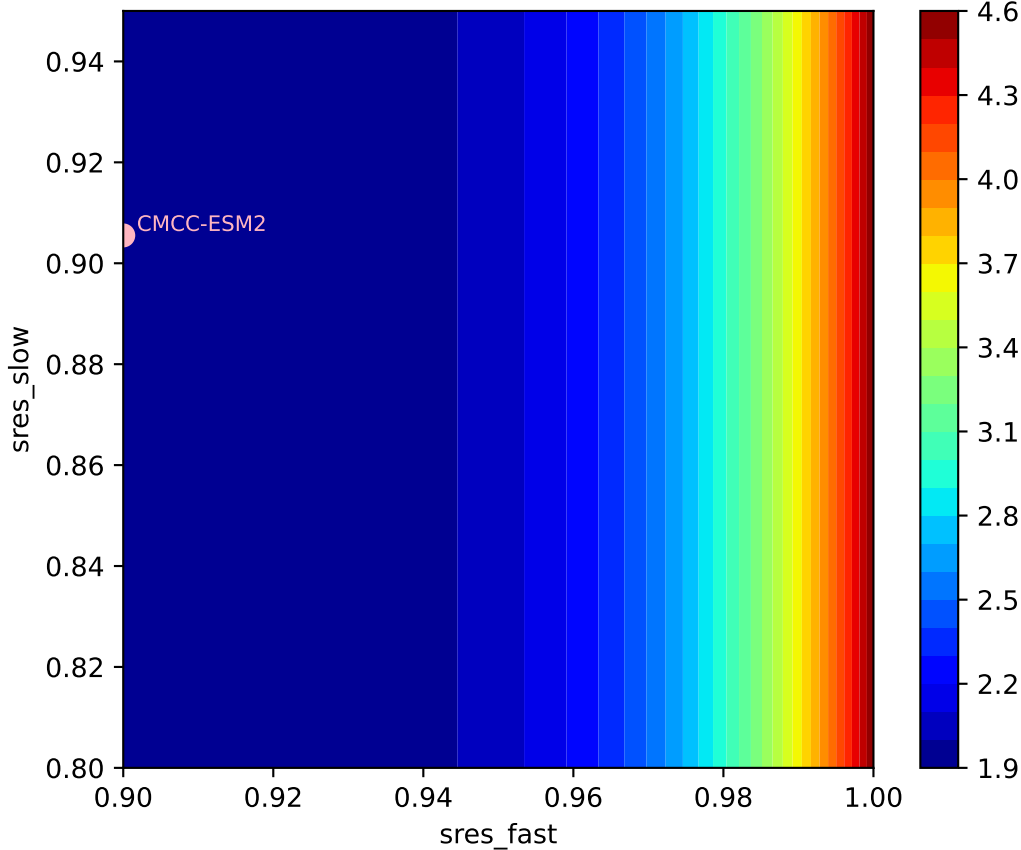
0.043, 1.4733, 0.0000, 3.0000, 0.1777, -0.0450, 0.9000, 0.9055, 0.



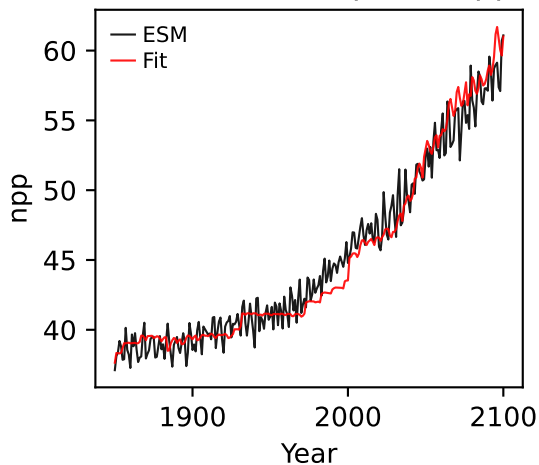


CMCC-ESM2, ssp370, sres, ln(MSE/SIGMA)

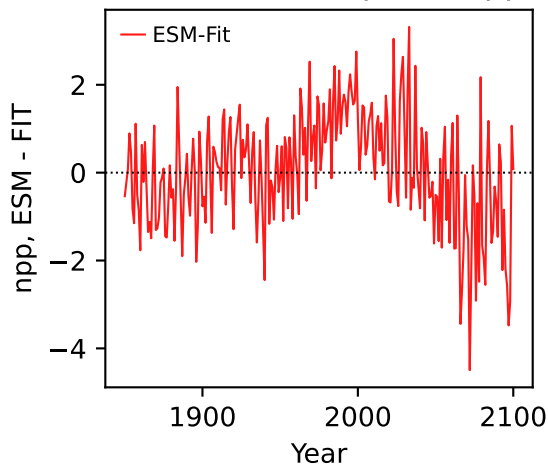
0.043, 1.4733, 0.0000, 3.0000, 0.1777, -0.0450, 0.9000, 0.9055, 0.



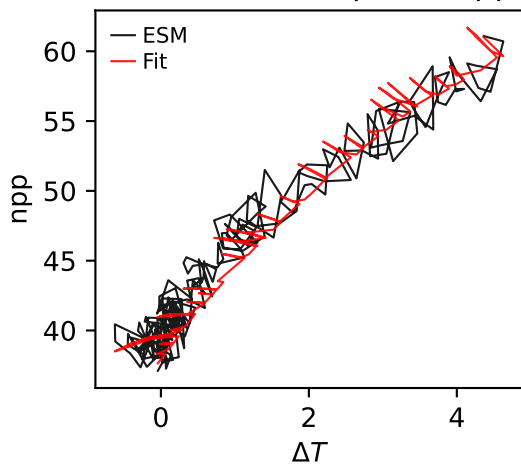
CMCC-ESM2, ssp370, npp



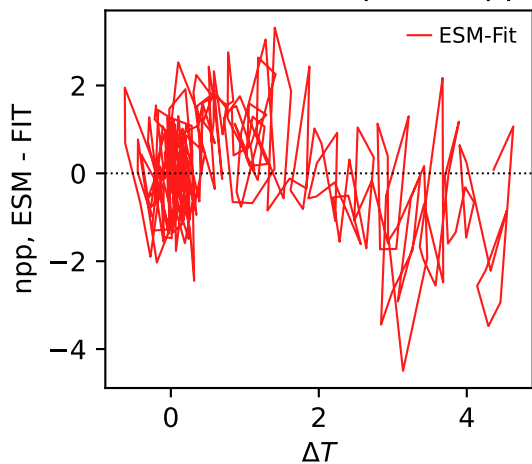
CMCC-ESM2, ssp370, npp



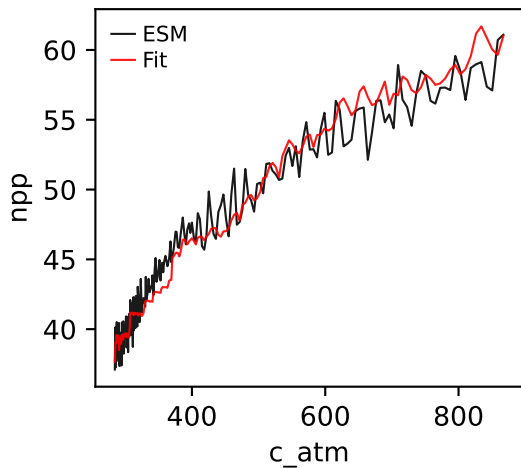
CMCC-ESM2, ssp370, npp



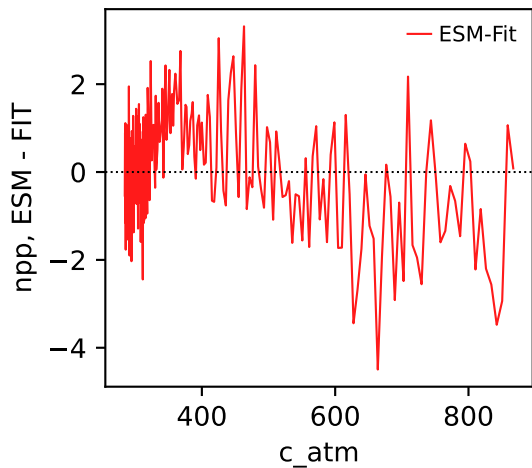
CMCC-ESM2, ssp370, npp



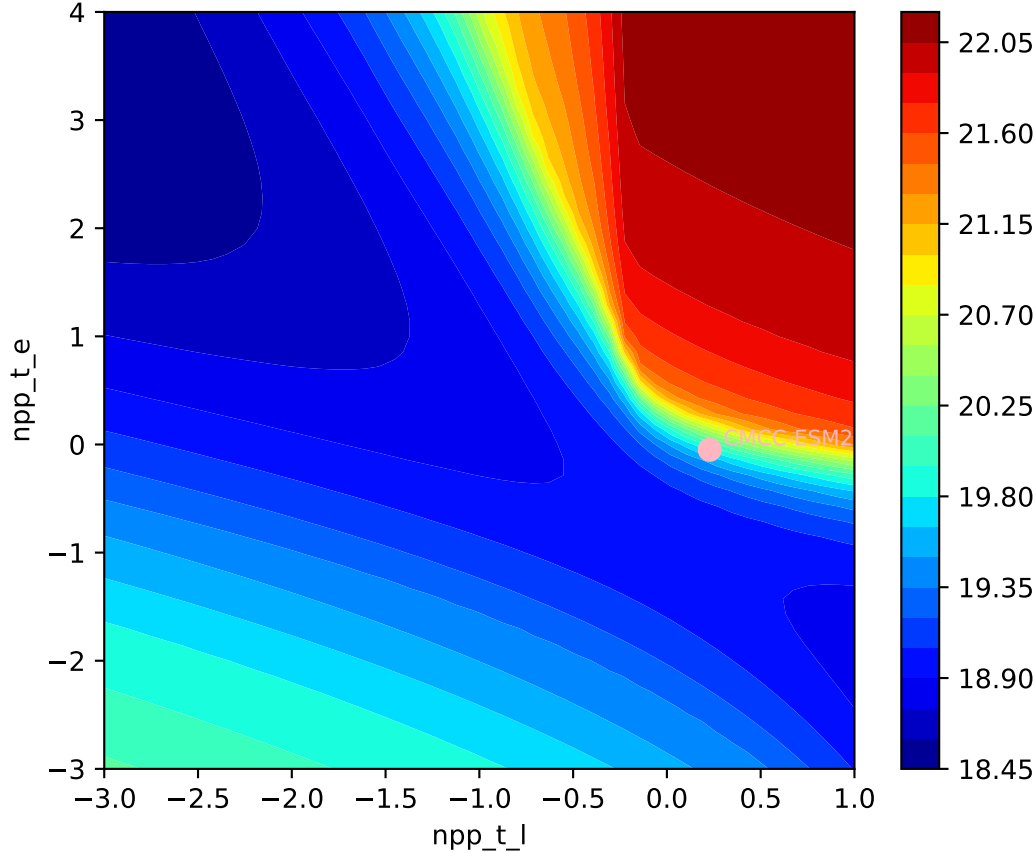
CMCC-ESM2, ssp370, npp



CMCC-ESM2, ssp370, npp

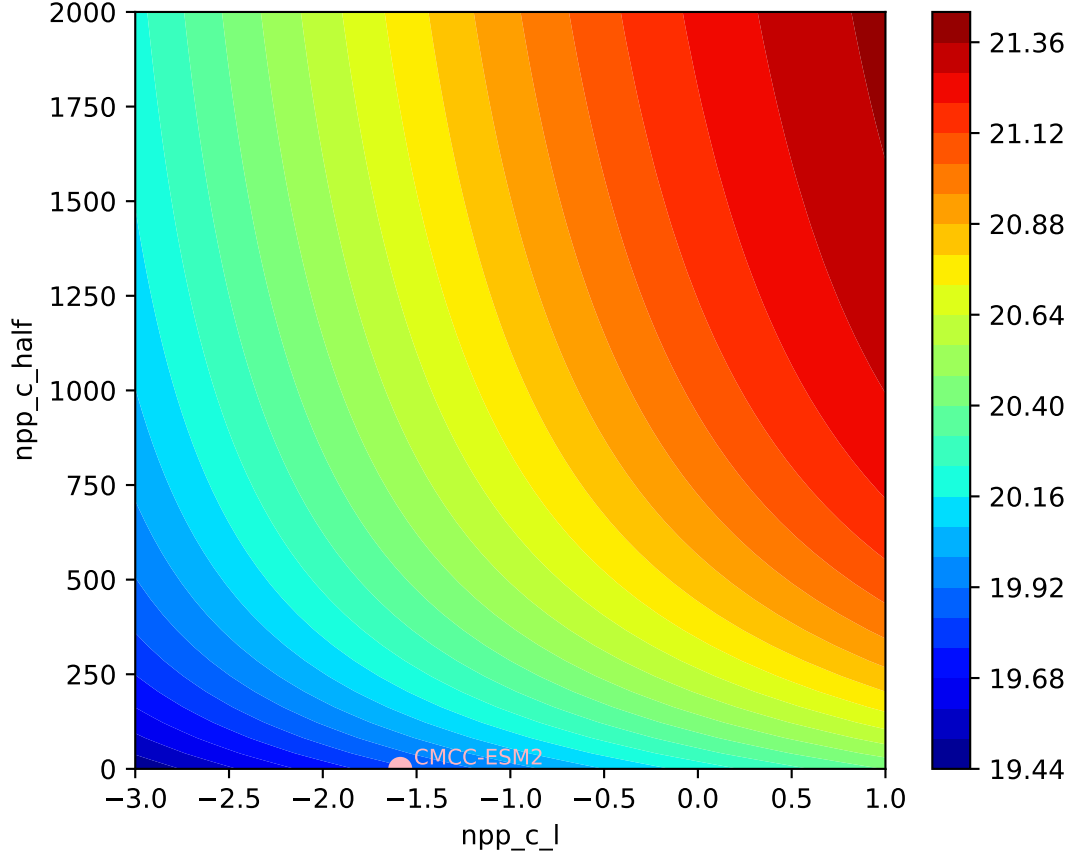


CMCC-ESM2, ssp370, npp,  $\ln(\text{MSE}/\text{SIGMA})$   
0494, -1.5870, 0.0000, 1.7343, 0.1667, -0.0096, 0.9807, 0.8739, 0.

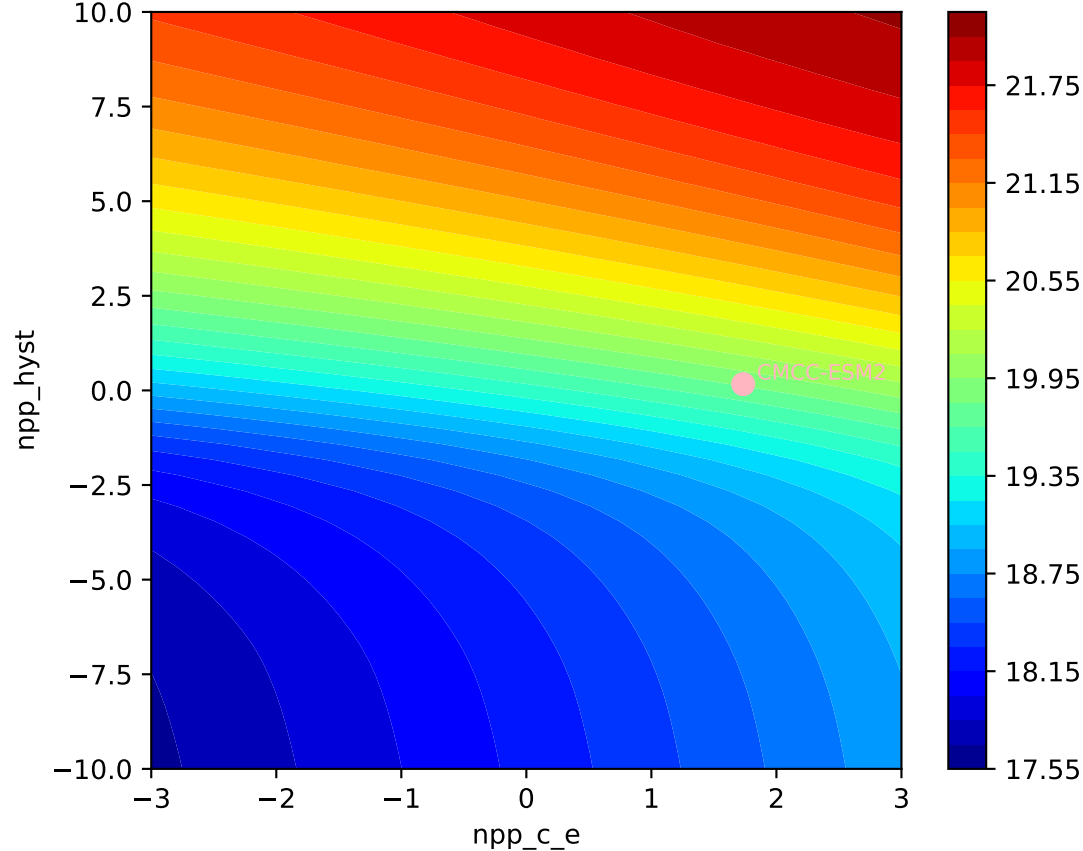


CMCC-ESM2, ssp370, npp,  $\ln(\text{MSE}/\text{SIGMA})$

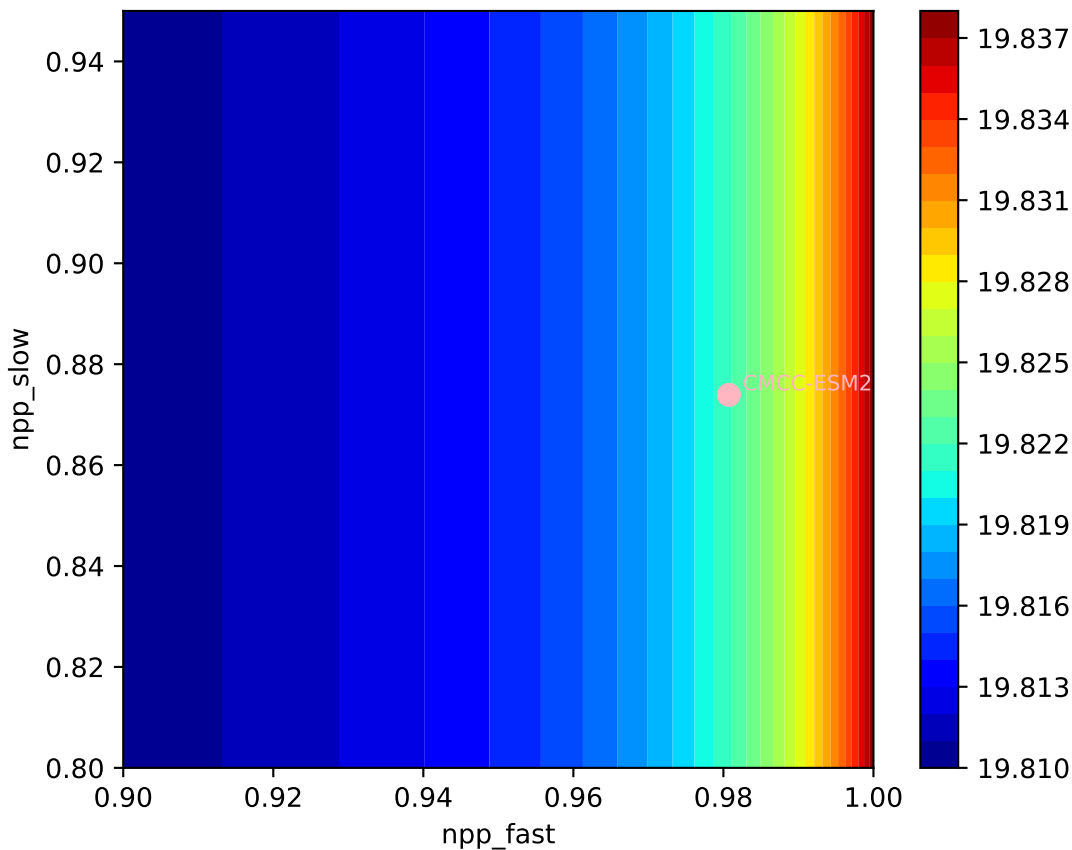
0494, -1.5870, 0.0000, 1.7343, 0.1667, -0.0096, 0.9807, 0.8739, 0.

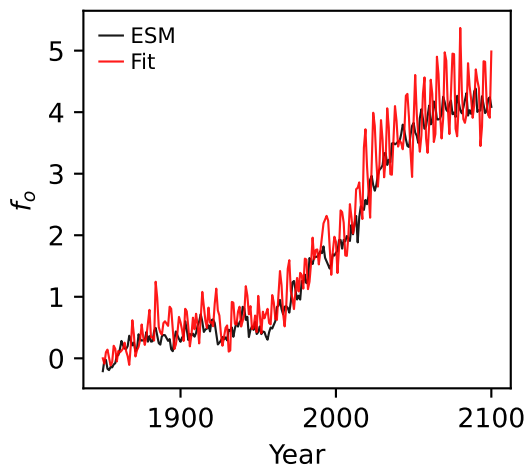
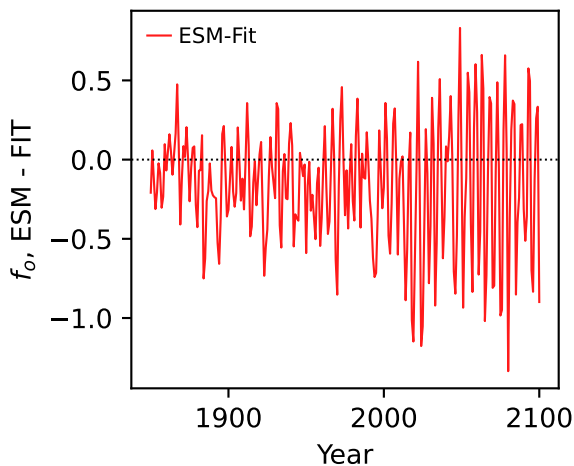
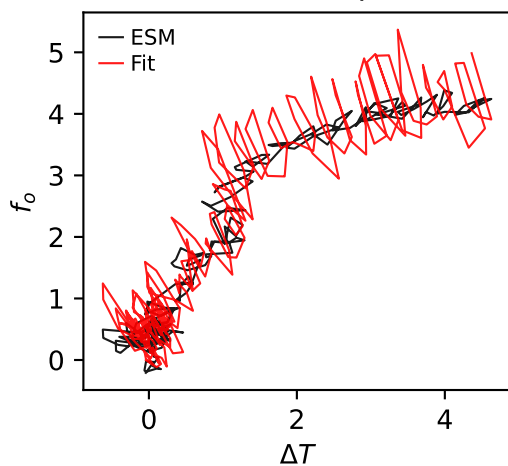
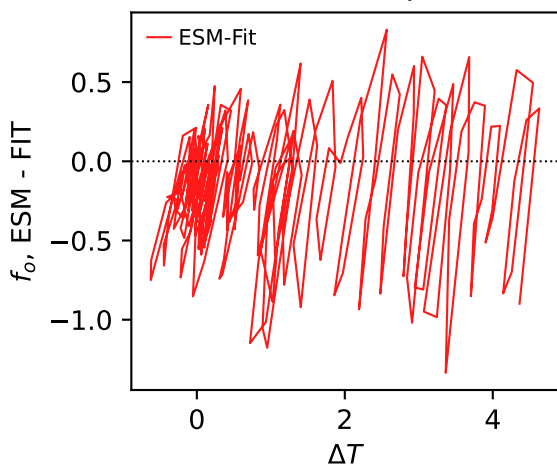
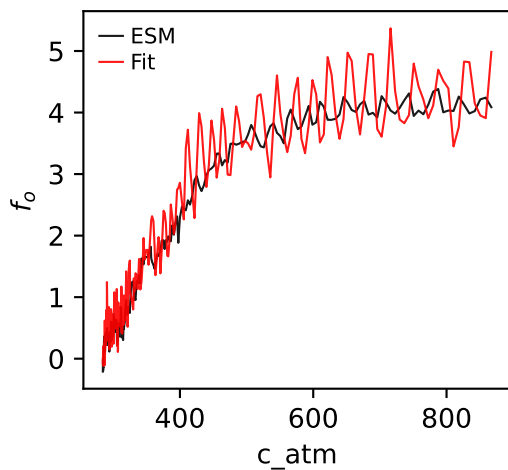
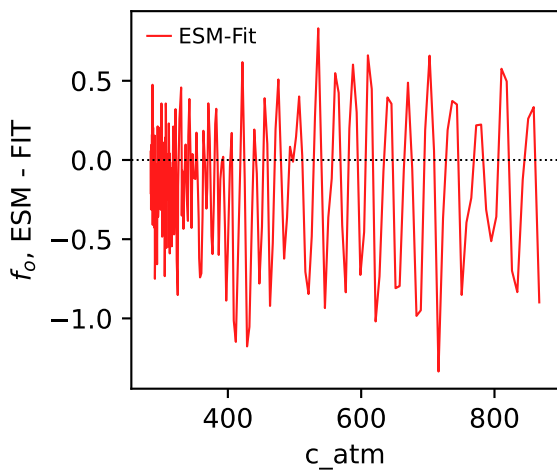


CMCC-ESM2, ssp370, npp,  $\ln(\text{MSE}/\text{SIGMA})$

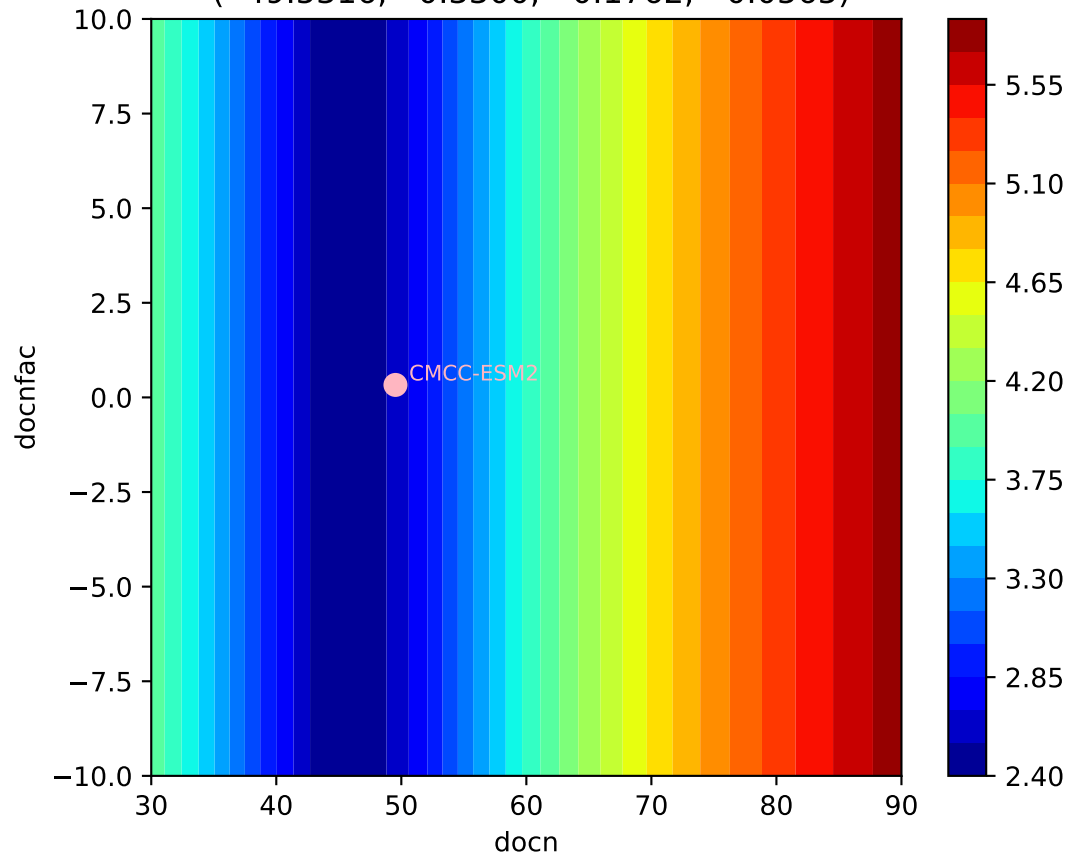


CMCC-ESM2, ssp370, npp,  $\ln(\text{MSE}/\text{SIGMA})$   
0.494, -1.5870, 0.0000, 1.7343, 0.1667, -0.0096, 0.9807, 0.8739, 0.



CMCC-ESM2, ssp370,  $f_o$ CMCC-ESM2, ssp370,  $f_o$ CMCC-ESM2, ssp370,  $f_o$ CMCC-ESM2, ssp370,  $f_o$ CMCC-ESM2, ssp370,  $f_o$ CMCC-ESM2, ssp370,  $f_o$ 

CMCC-ESM2, ssp370,  $f_o$ ,  $\ln(\text{MSE}/\text{SIGMA})$   
( 49.5316, 0.3300, -0.1762, -0.0565)





CMCC-ESM2, ssp370,  $f_o$ ,  $\ln(\text{MSE}/\text{SIGMA})$   
( 49.5316, 0.3300, -0.1762, -0.0565)

