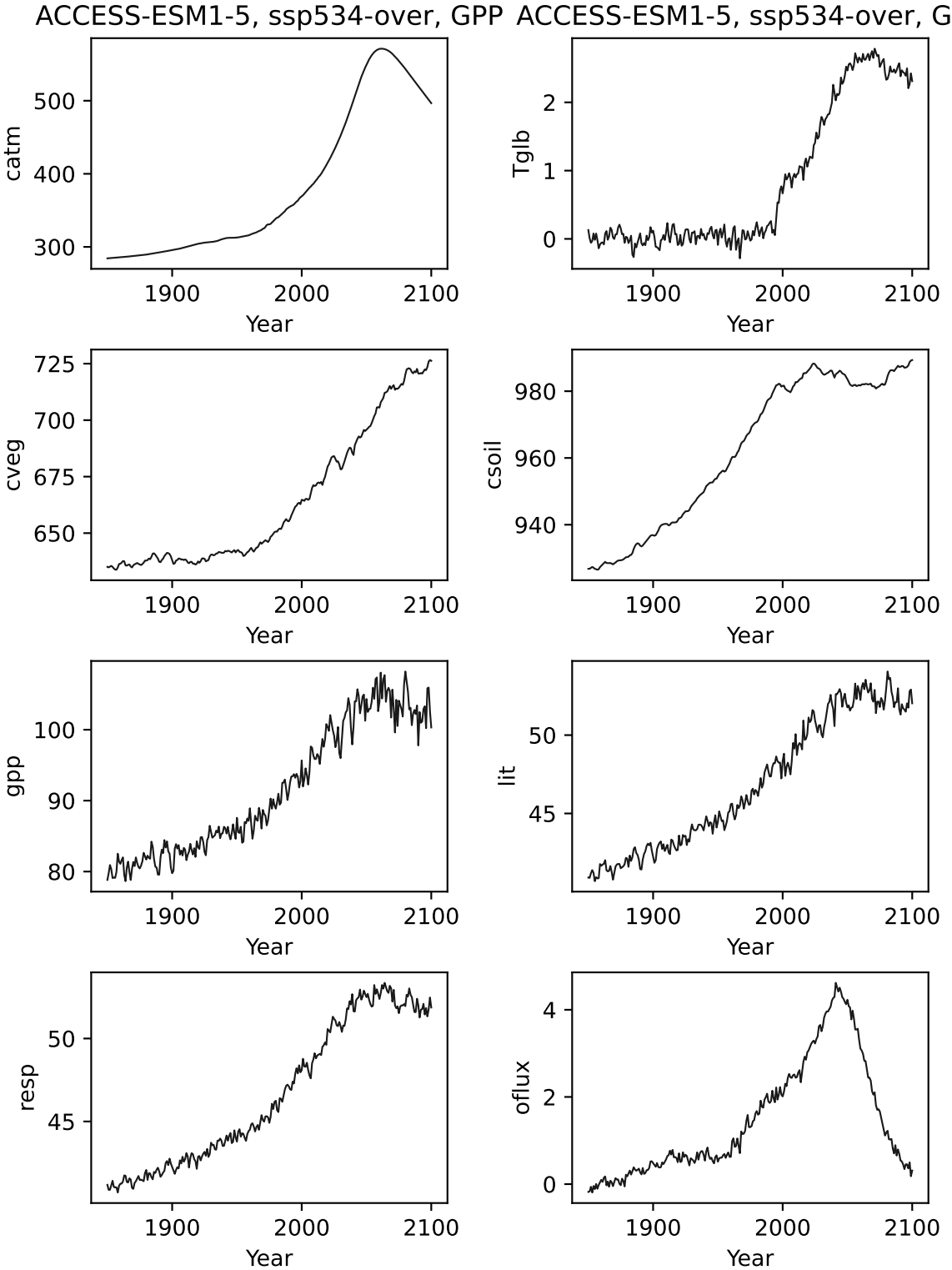
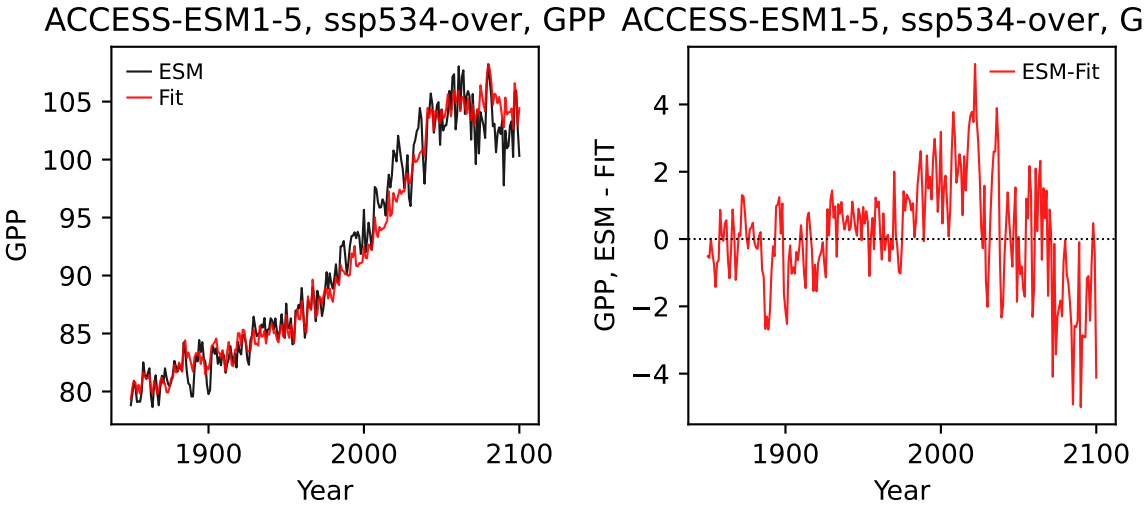
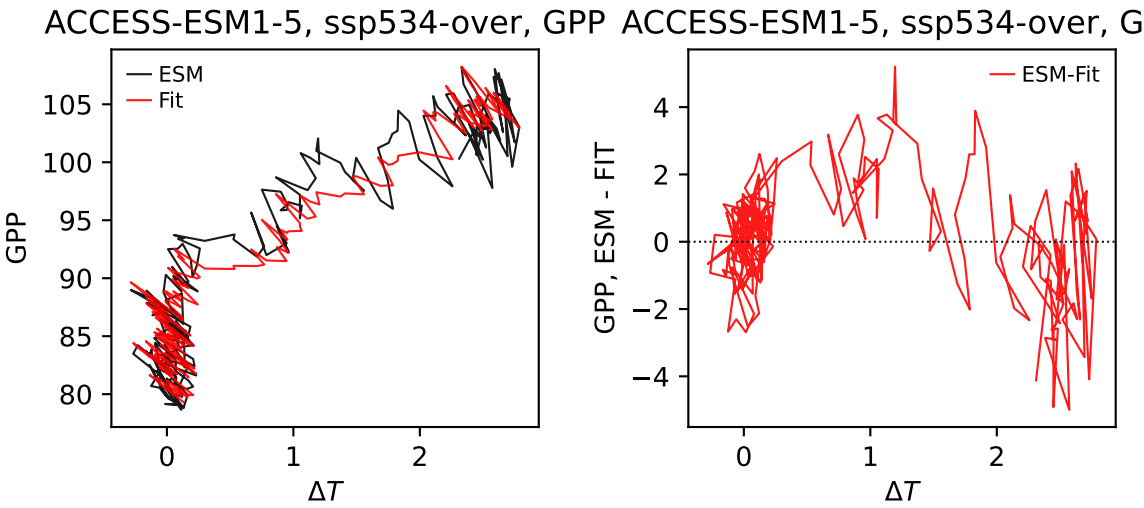
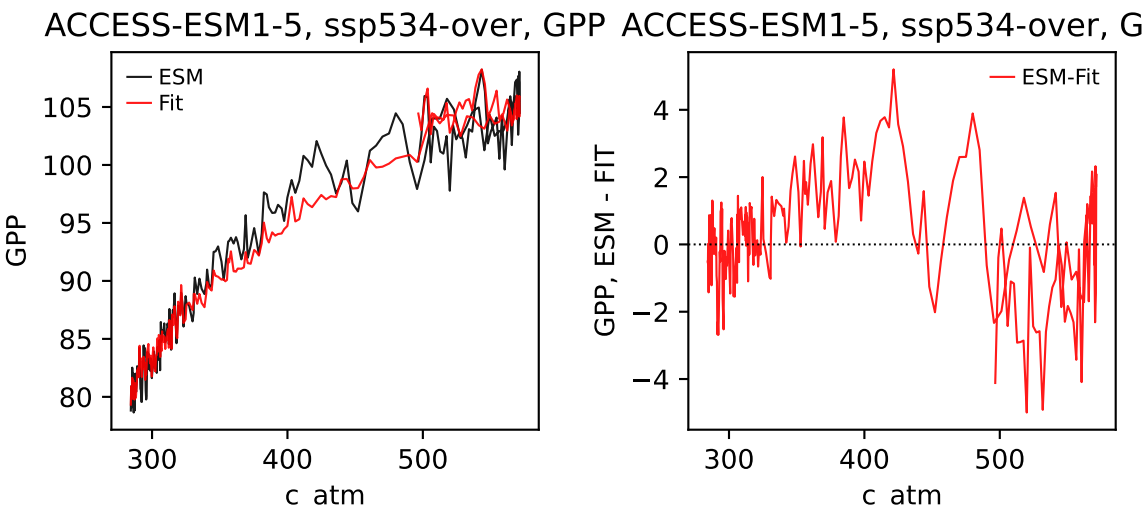
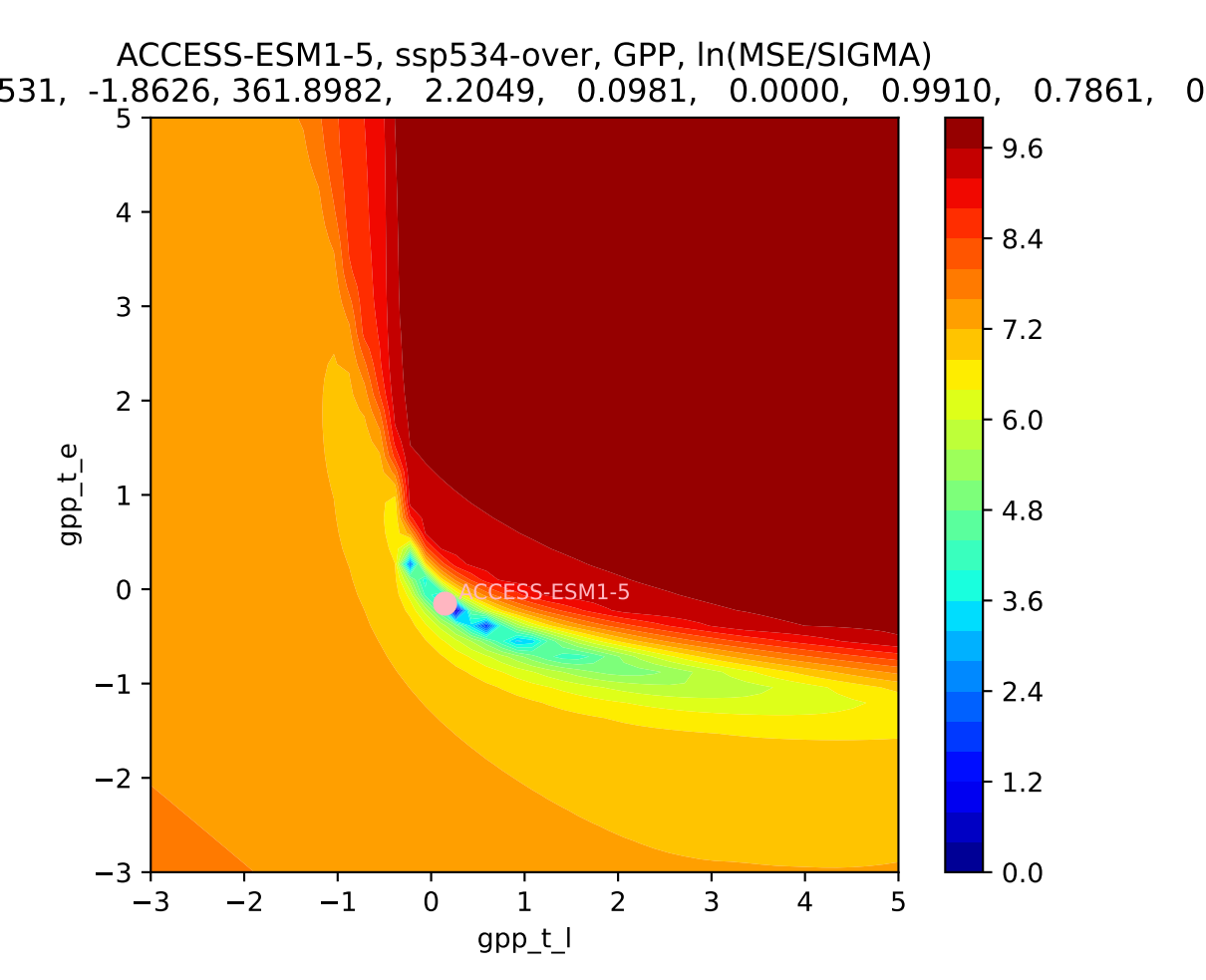
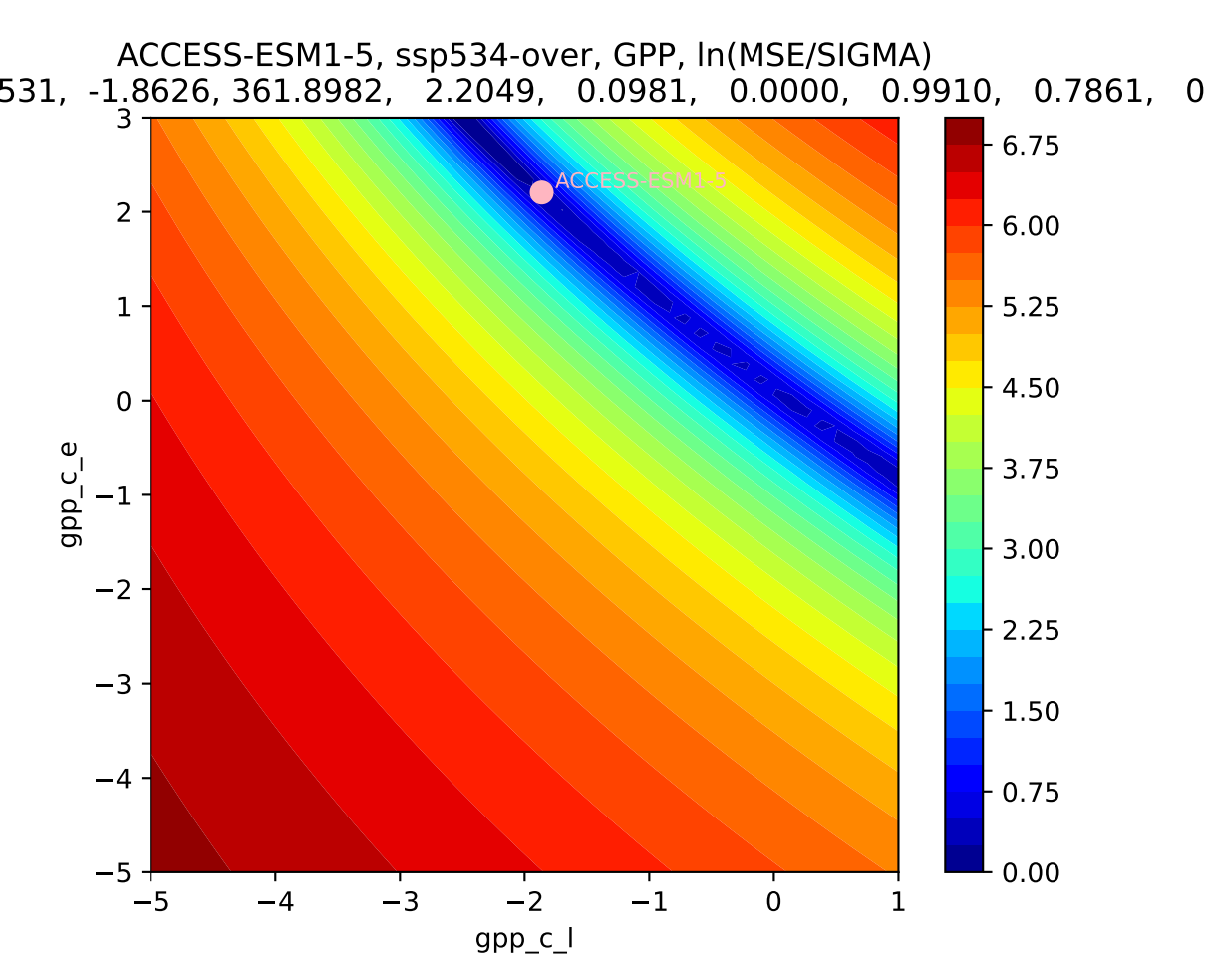

ACCESS-ESM1-5, ssp534-over, GPP
ACCESS-ESM1-5, ssp534-over, GP
catm
Tglb
cveg
csoil
gpp
lit
resp
oflux
Year
1900
2000
2100

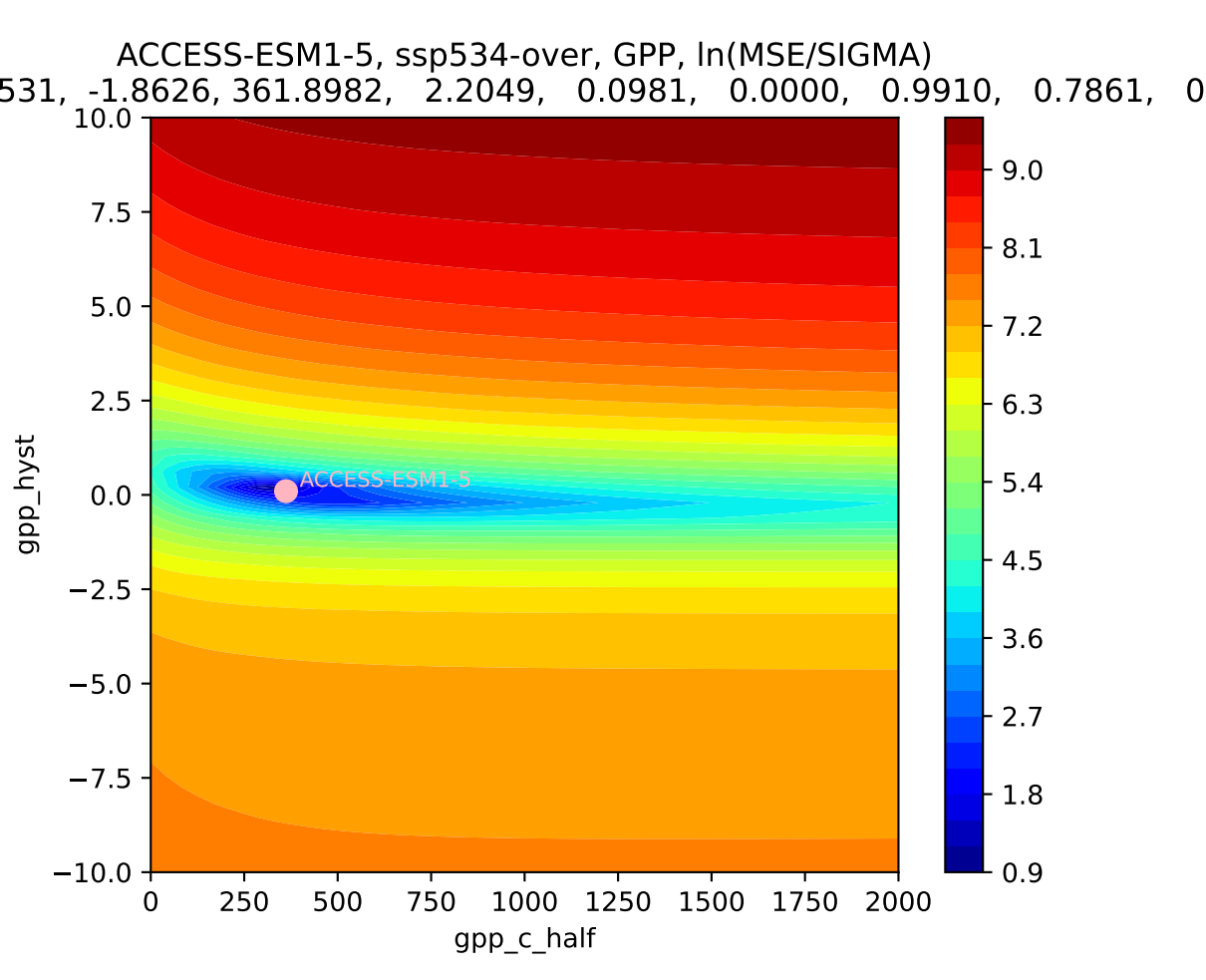

ACCESS-ESM1-5, ssp534-over, GPP
ESM
Fit
GPP
Year
ACCESS-ESM1-5, ssp534-over, GP
ESM-Fit
GPP, ESM - FIT
Year

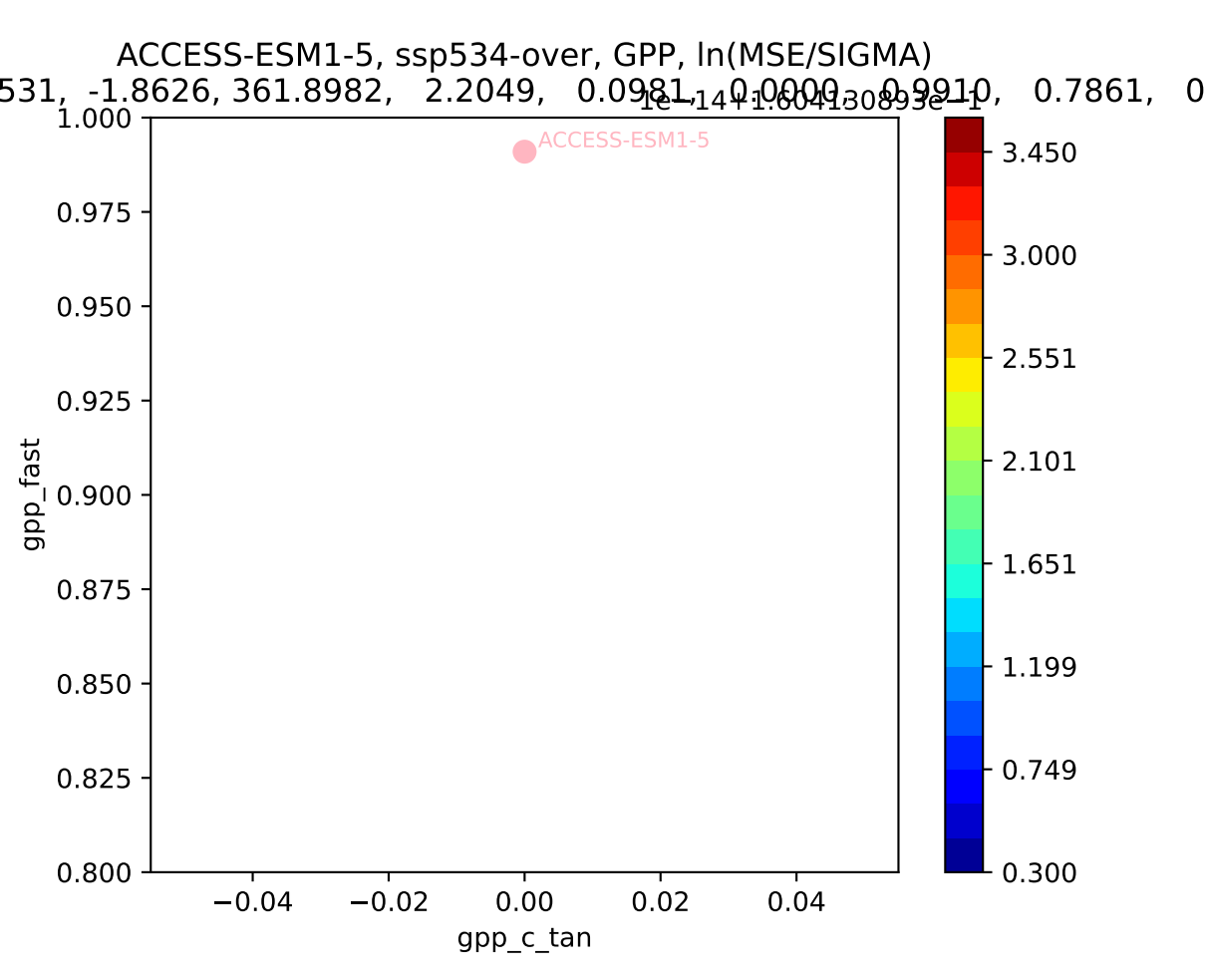

ACCESS-ESM1-5, ssp534-over, GPP
ESM
Fit
GPP
ΔT
ACCESS-ESM1-5, ssp534-over, GP
ESM-Fit
GPP, ESM - FIT
ΔT

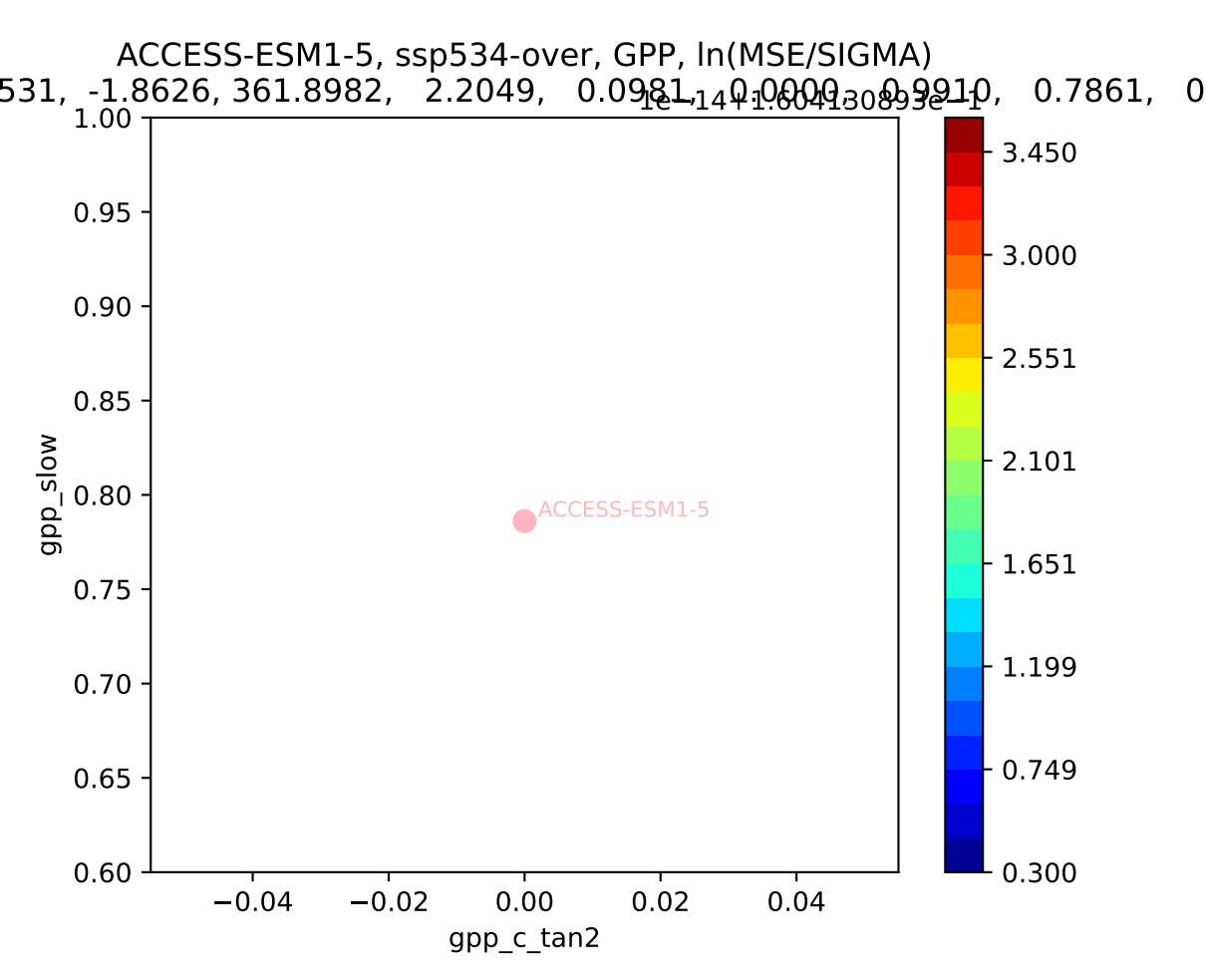

ACCESS-ESM1-5, ssp534-over, GPP
ESM
Fit
GPP
c_atm
ACCESS-ESM1-5, ssp534-over, GP
ESM-Fit
GPP, ESM - FIT
c_atm

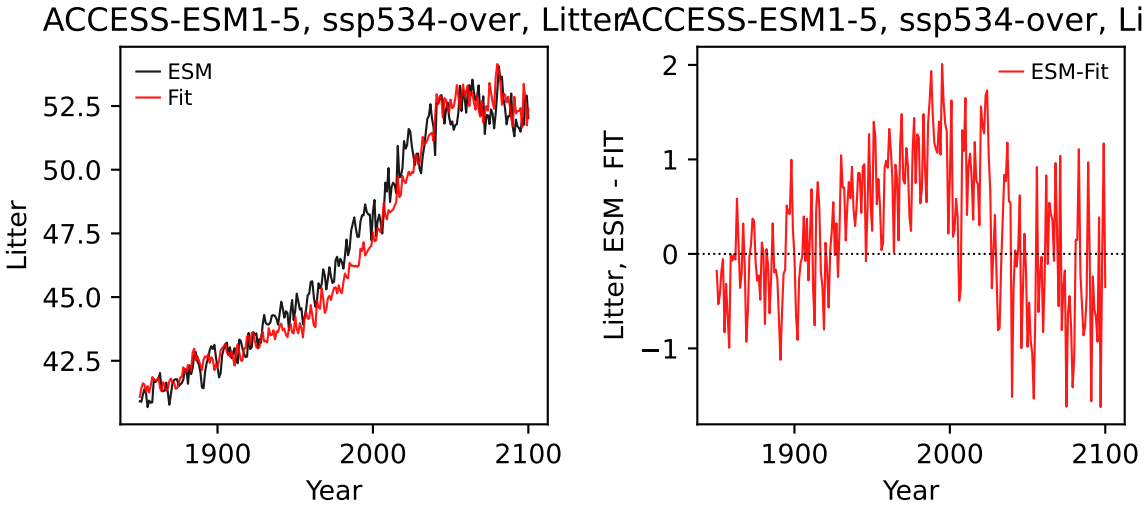

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
531, -1.8626, 361.8982, 2.2049, 0.0981, 0.0000, 0.9910, 0.7861, 0
ACCESS-ESM1-5
gpp_t_e
gpp_t_l
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
9.6
8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0

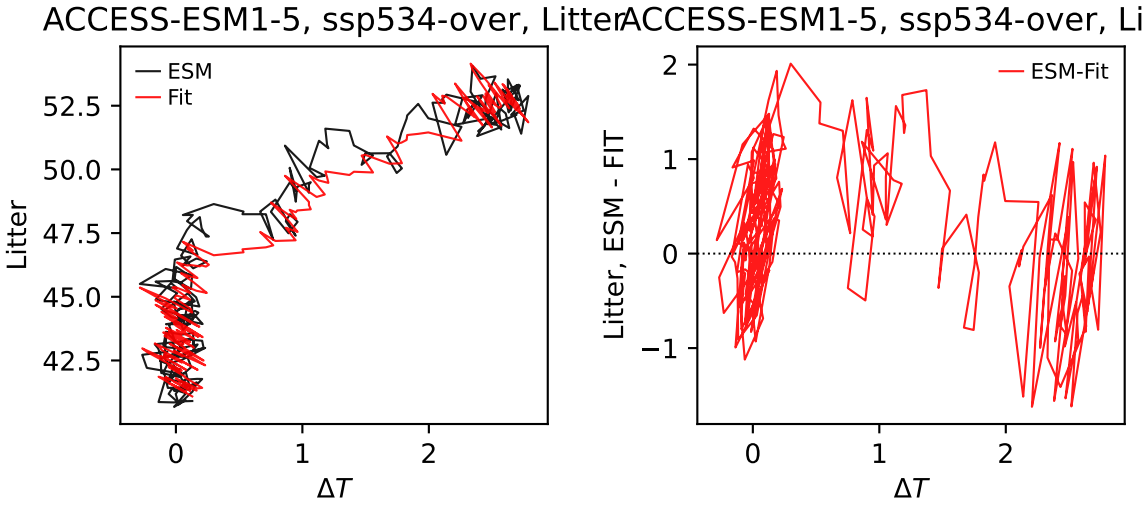

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
531, -1.8626, 361.8982, 2.2049, 0.0981, 0.0000, 0.9910, 0.7861, 0
ACCESS-ESM1-5
gpp_c_e
gpp_c_l
3
2
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1
6.75
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00

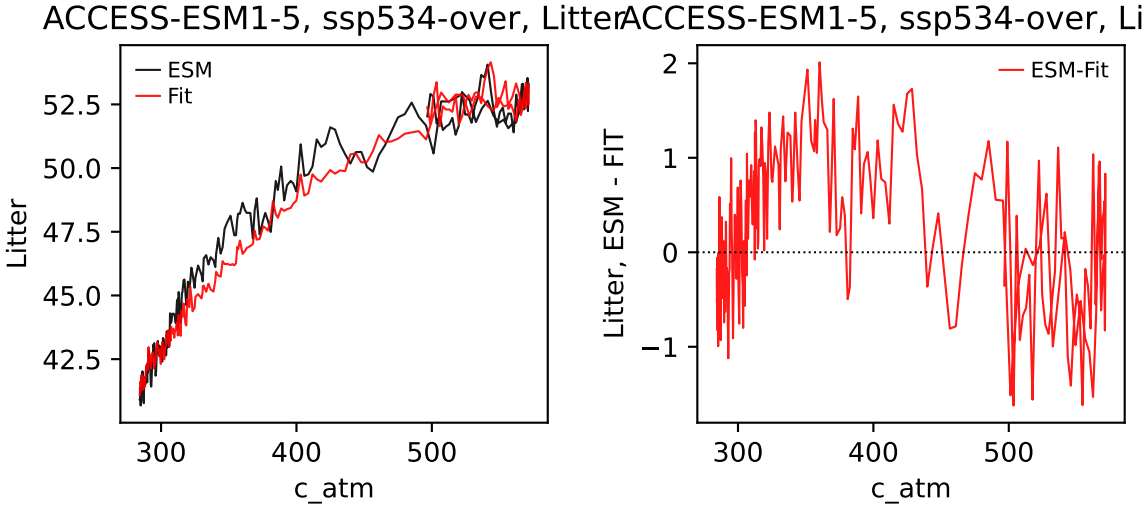

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
531, -1.8626, 361.8982, 2.2049, 0.0981, 0.0000, 0.9910, 0.7861, 0
ACCESS-ESM1-5
gpp_hyst
gpp_c_half
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
250
500
750
1000
1250
1500
1750
2000
9.0
8.1
7.2
6.3
5.4
4.5
3.6
2.7
1.8
0.9

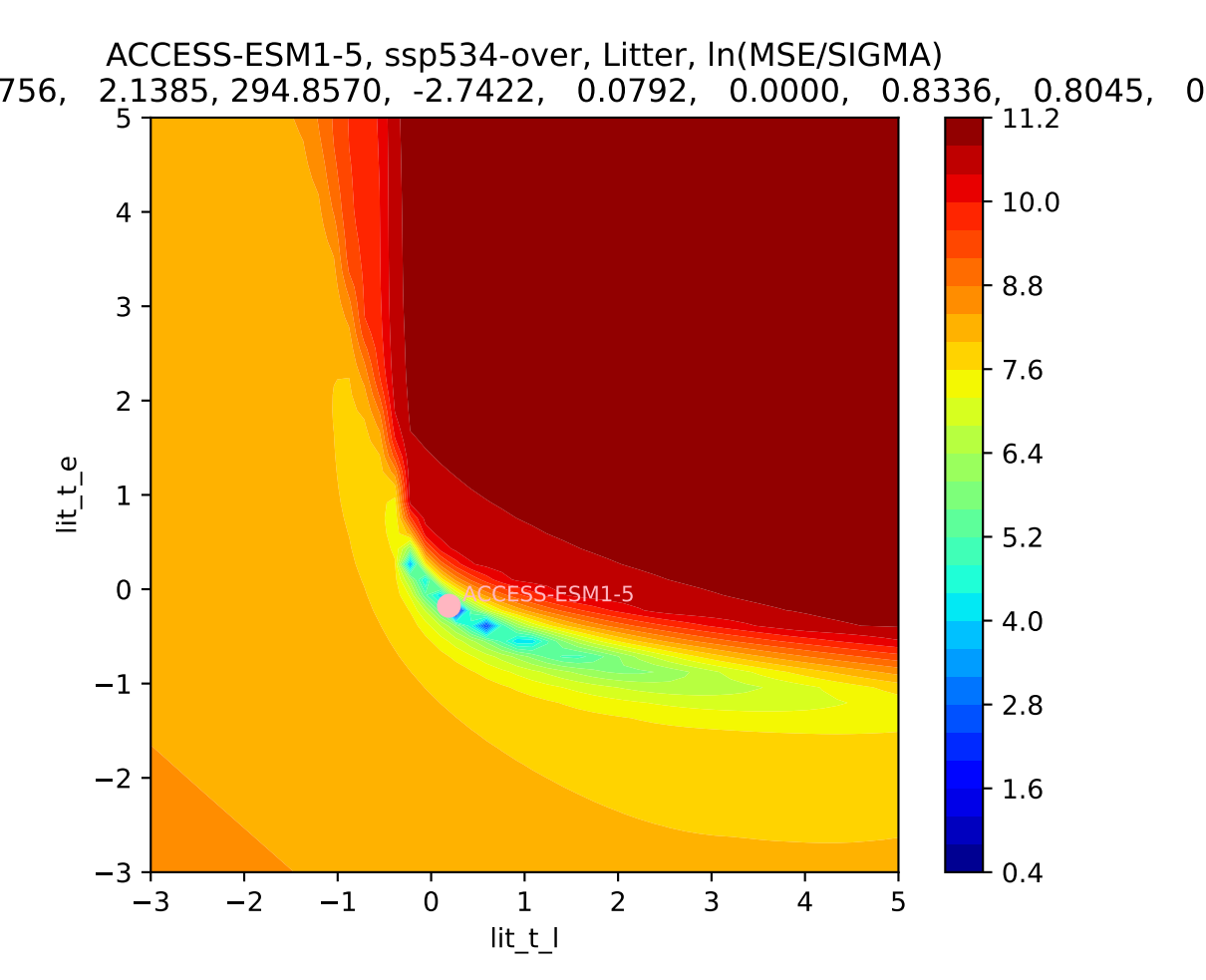

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
531, -1.8626, 361.8982, 2.2049, 0.0981, 0.0000, 0.9910, 0.7861, 0
1e−14+1.604130893e−1
ACCESS-ESM1-5
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
gpp_fast
−0.04
−0.02
0.00
0.02
0.04
gpp_c_tan
3.450
3.000
2.551
2.101
1.651
1.199
0.749
0.300

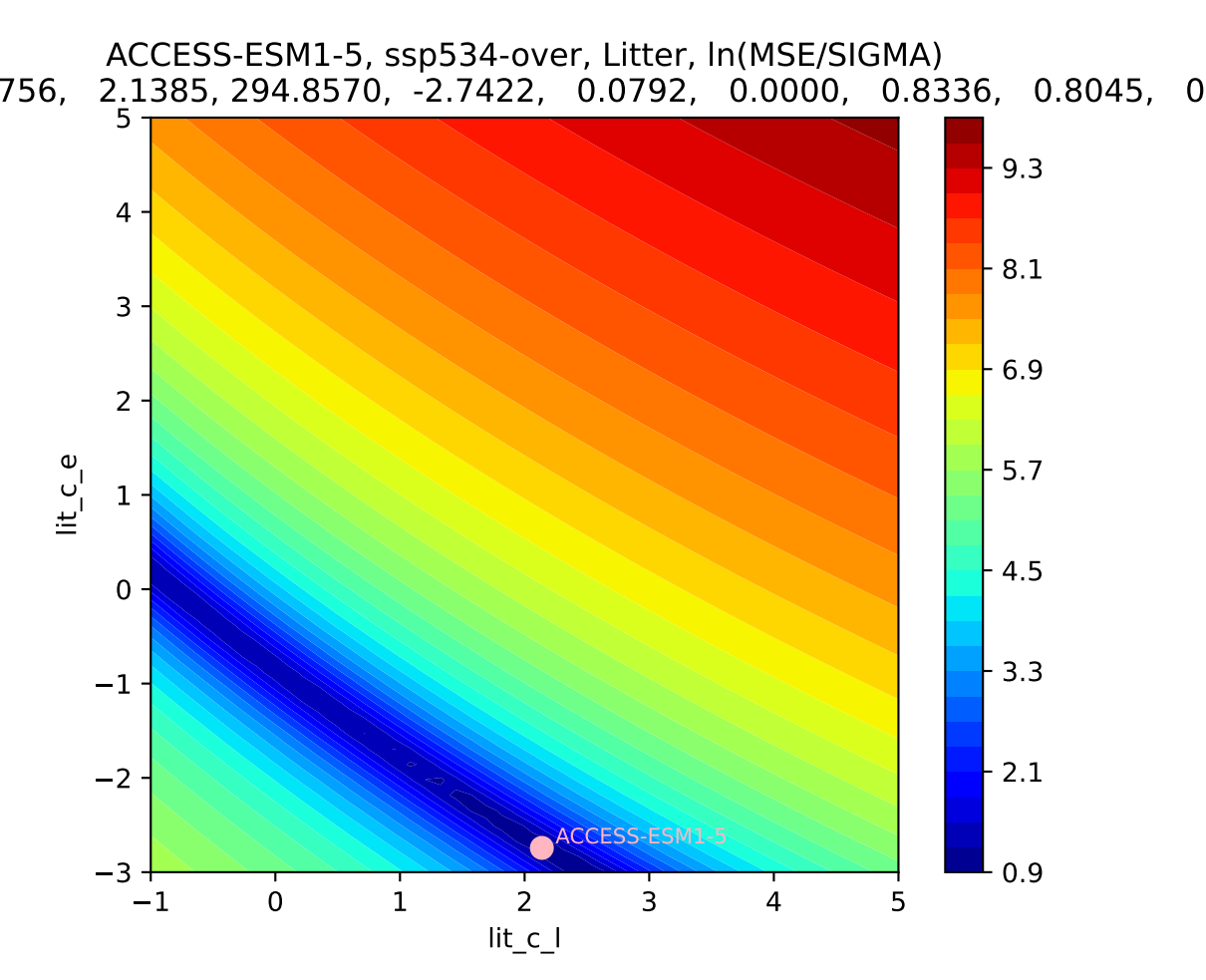

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
531, -1.8626, 361.8982, 2.2049, 0.0981, 0.0000, 0.9910, 0.7861, 0
1e−14+1.604130893e−1
ACCESS-ESM1-5
gpp_slow
gpp_c_tan2
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
−0.04
−0.02
0.00
0.02
0.04
3.450
3.000
2.551
2.101
1.651
1.199
0.749
0.300

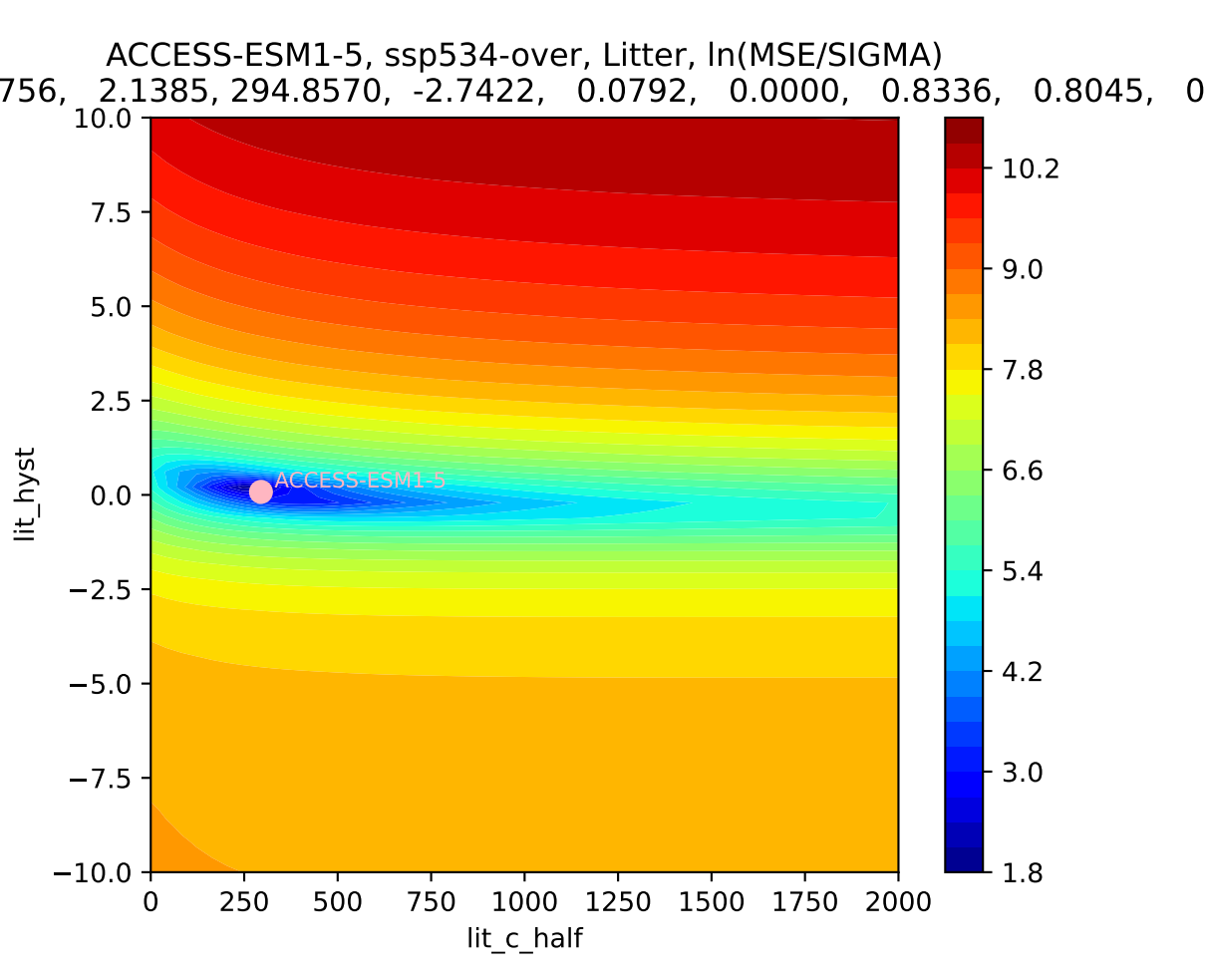

ACCESS-ESM1-5, ssp534-over, Litter
ESM
Fit
Litter
Year
ACCESS-ESM1-5, ssp534-over, Litt
ESM-Fit
Litter, ESM - FIT
Year

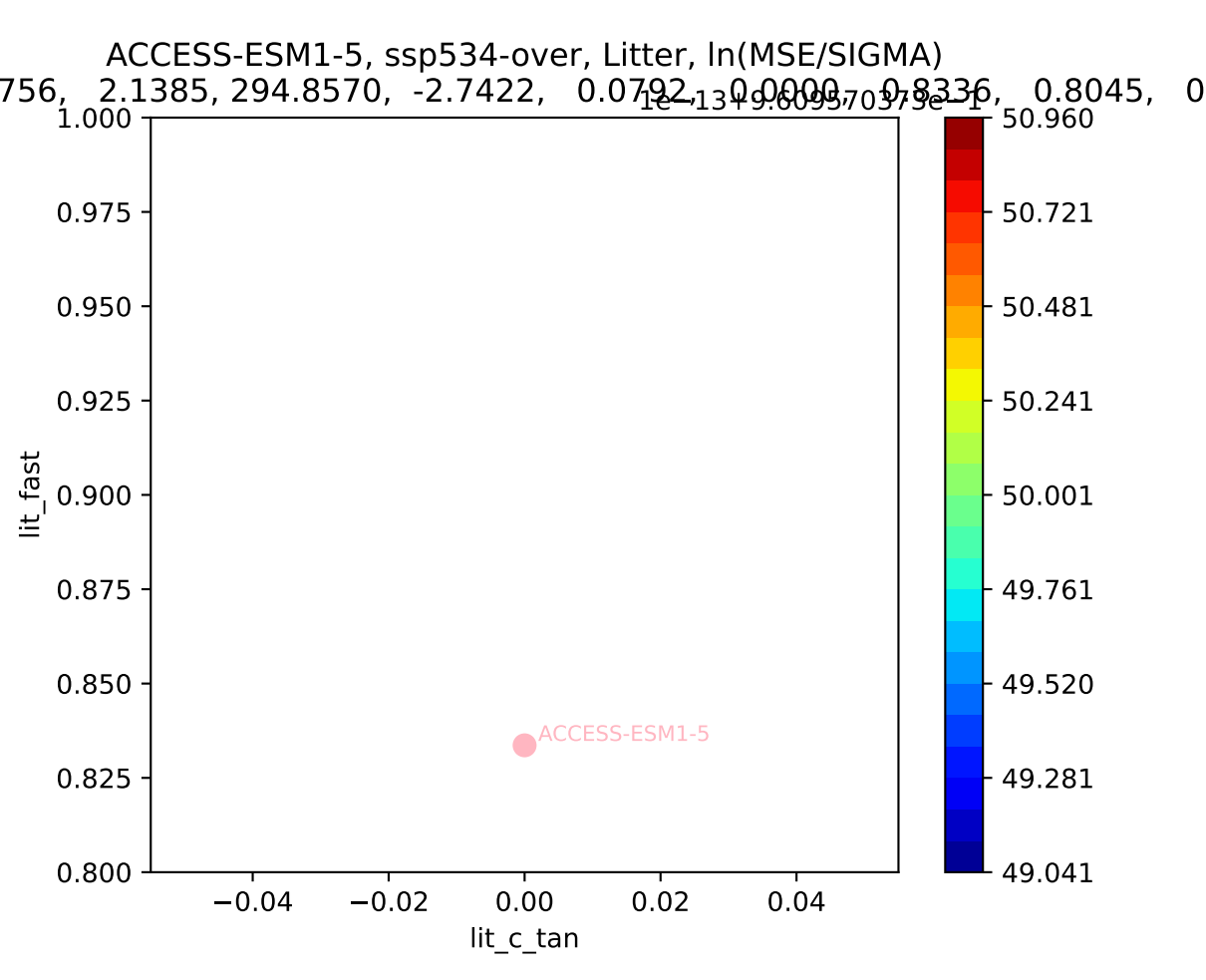

ACCESS-ESM1-5, ssp534-over, Litter
ESM
Fit
Litter
ΔT
ACCESS-ESM1-5, ssp534-over, Litt
ESM-Fit
Litter, ESM - FIT
ΔT

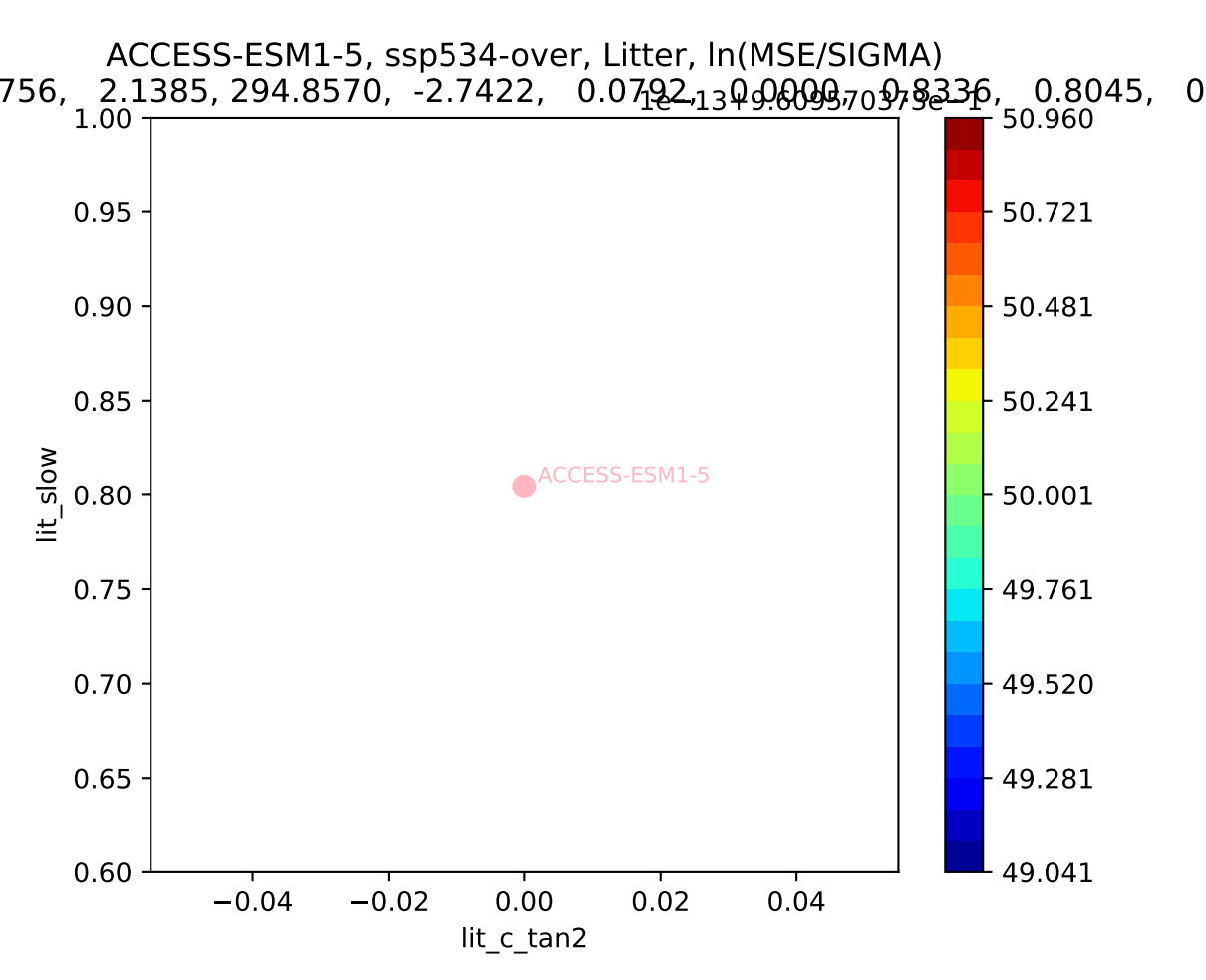

ACCESS-ESM1-5, ssp534-over, Litter
ESM
Fit
Litter
c_atm
ACCESS-ESM1-5, ssp534-over, Litt
ESM-Fit
Litter, ESM - FIT
c_atm

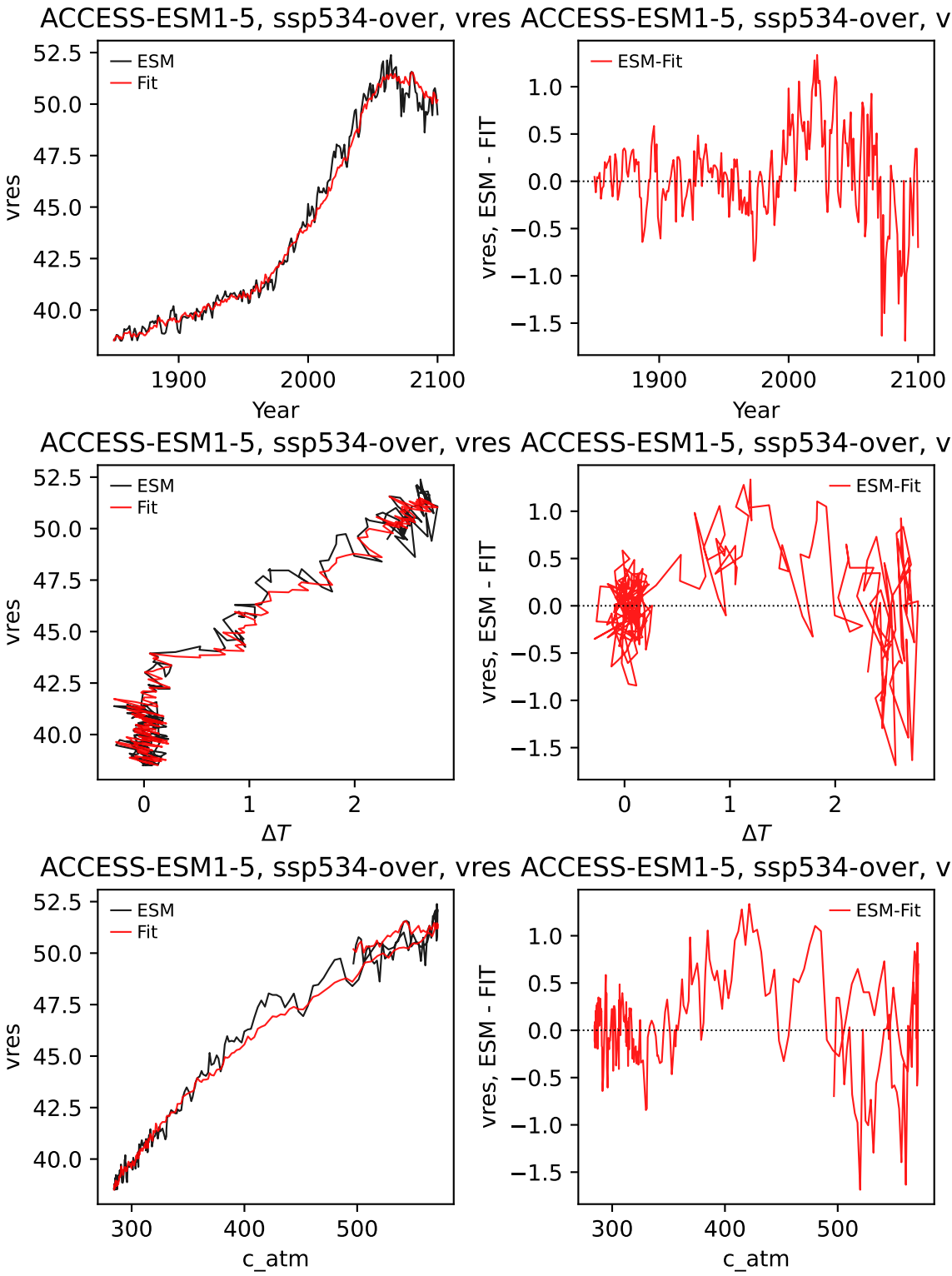

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
756, 2.1385, 294.8570, -2.7422, 0.0792, 0.0000, 0.8336, 0.8045, 0
ACCESS-ESM1-5
lit_t_e
lit_t_l
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
11.2
10.0
8.8
7.6
6.4
5.2
4.0
2.8
1.6
0.4

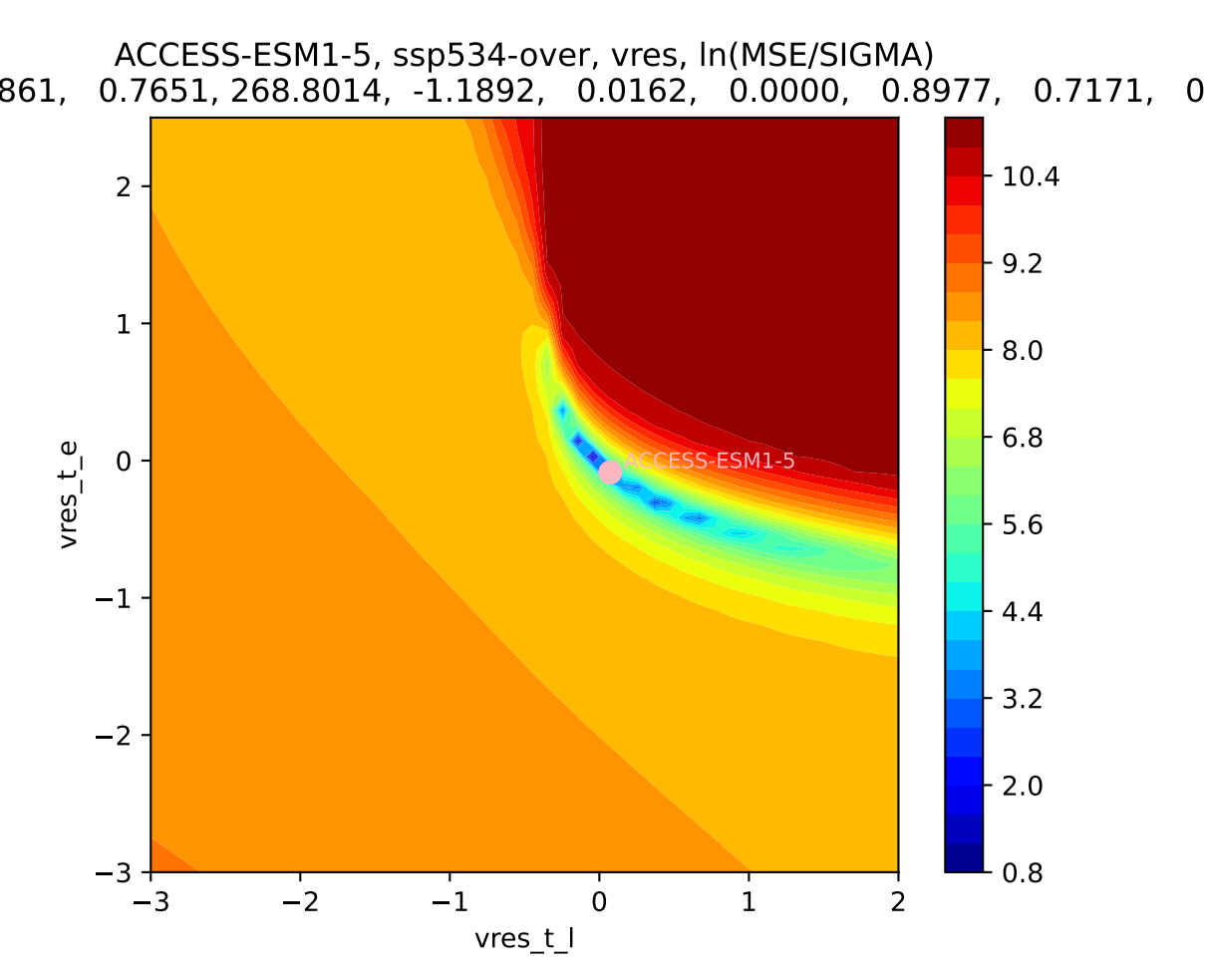

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
756, 2.1385, 294.8570, -2.7422, 0.0792, 0.0000, 0.8336, 0.8045, 0
lit_c_e
lit_c_l
ACCESS-ESM1-5
9.3
8.1
6.9
5.7
4.5
3.3
2.1
0.9

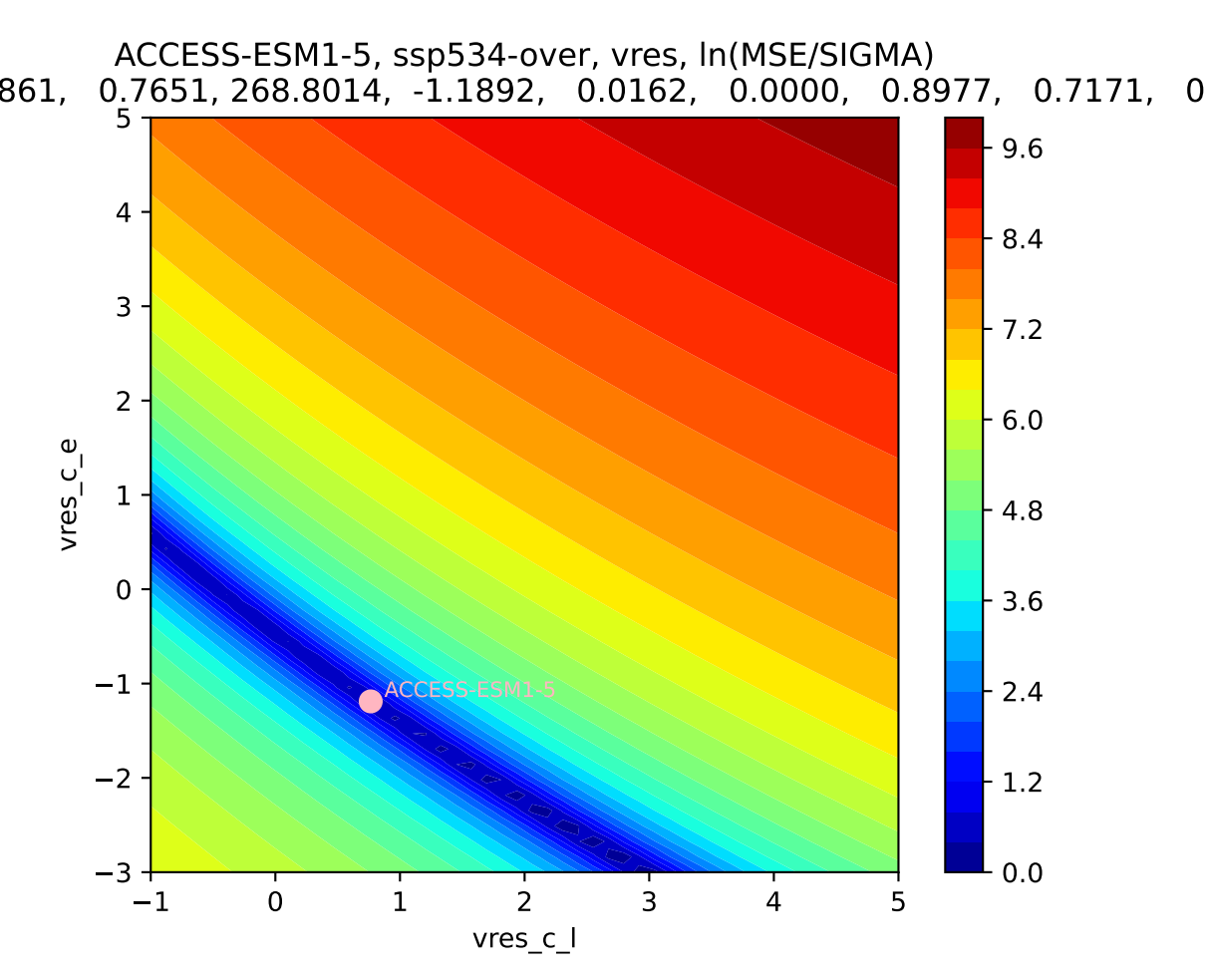

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
756, 2.1385, 294.8570, -2.7422, 0.0792, 0.0000, 0.8336, 0.8045, 0
ACCESS-ESM1-5
lit_hyst
lit_c_half
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
250
500
750
1000
1250
1500
1750
2000
10.2
9.0
7.8
6.6
5.4
4.2
3.0
1.8

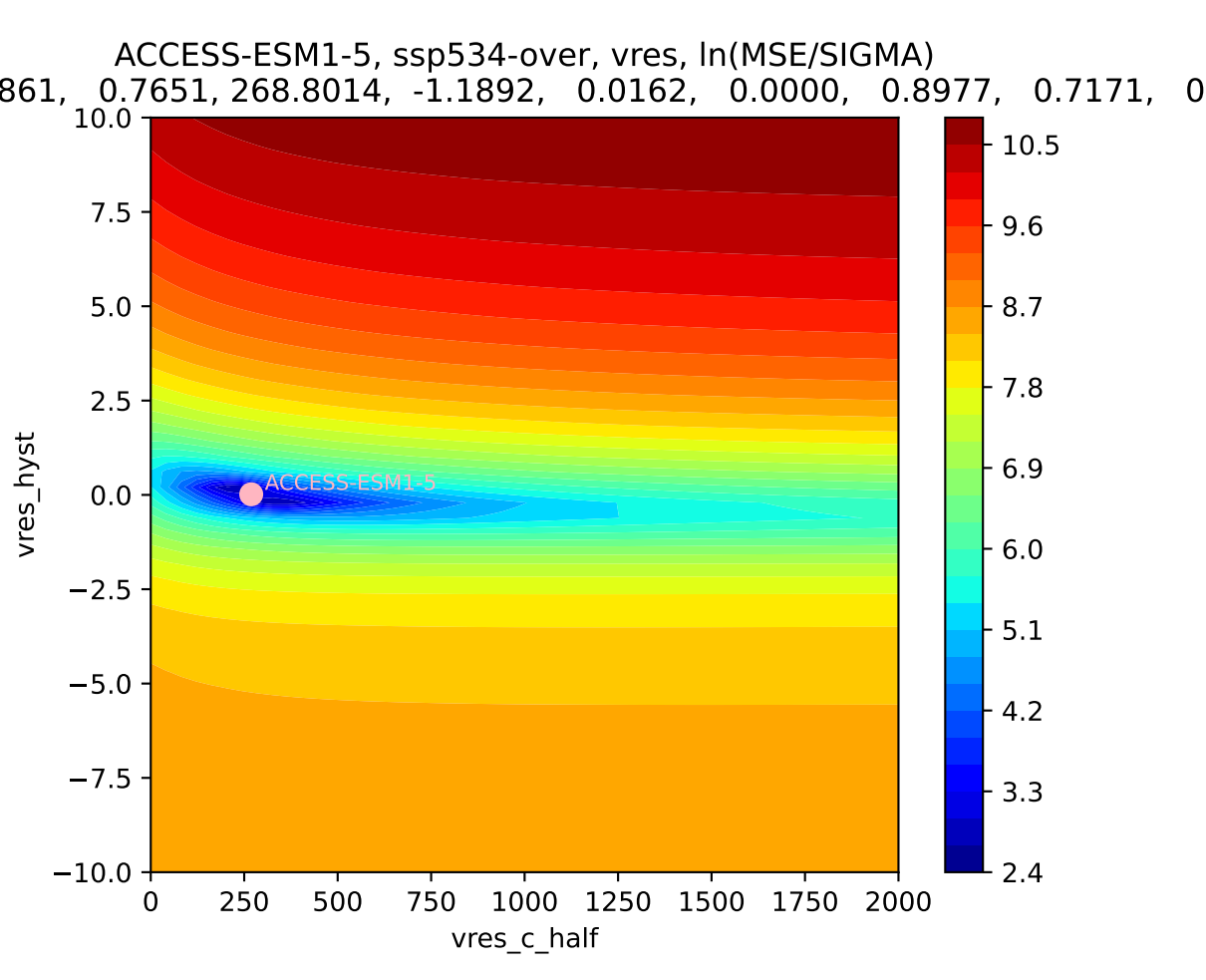

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
1e−13+9.6095703125e−1
lit_fast
lit_c_tan
ACCESS-ESM1-5
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
−0.04
−0.02
0.00
0.02
0.04
50.960
50.721
50.481
50.241
50.001
49.761
49.520
49.281
49.041

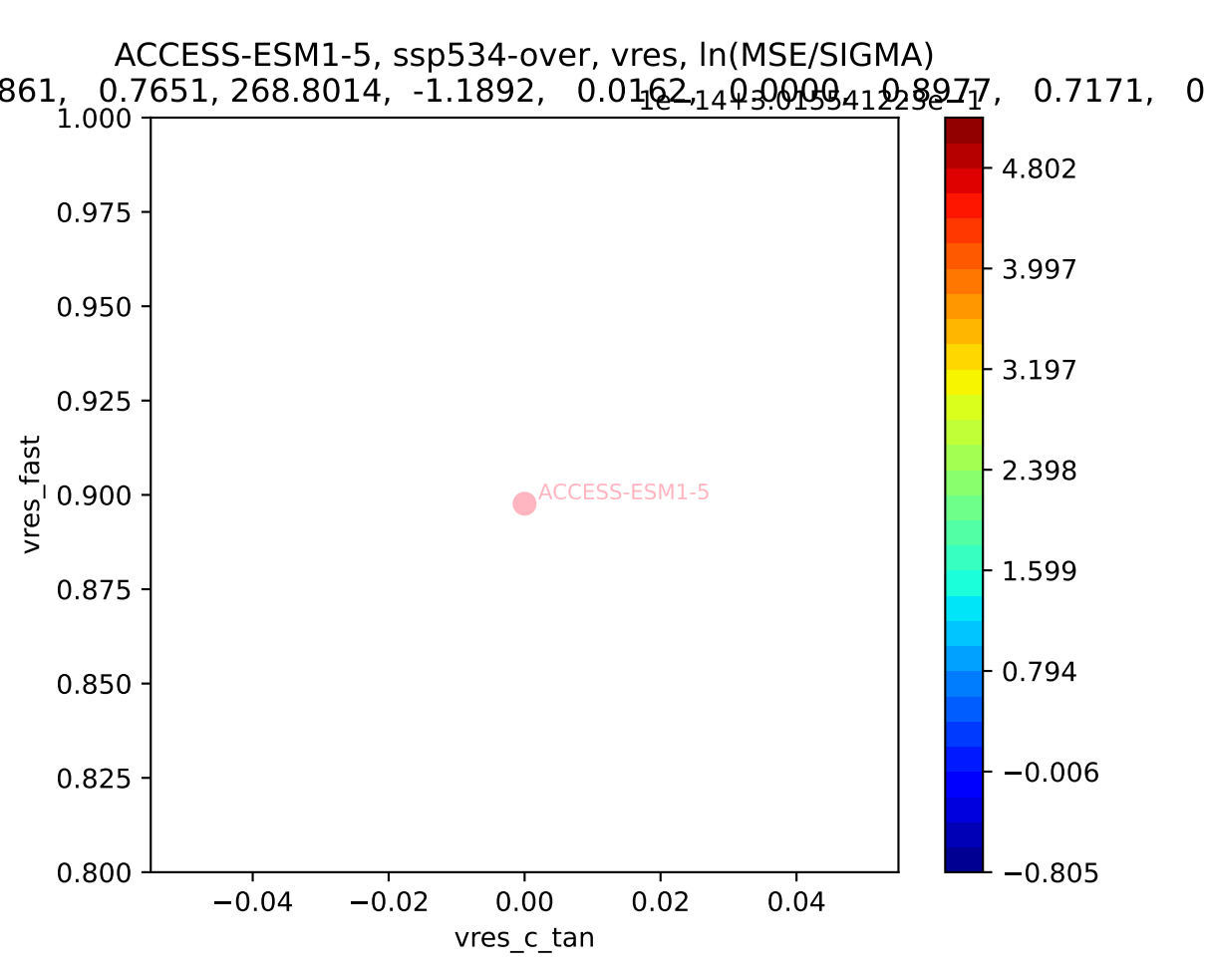

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
756, 2.1385, 294.8570, -2.7422, 0.0792, 0.0000, 0.8336, 0.8045, 0
1e−13+9.6095703125e−1
ACCESS-ESM1-5
lit_slow
lit_c_tan2
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
−0.04
−0.02
0.00
0.02
0.04
50.960
50.721
50.481
50.241
50.001
49.761
49.520
49.281
49.041

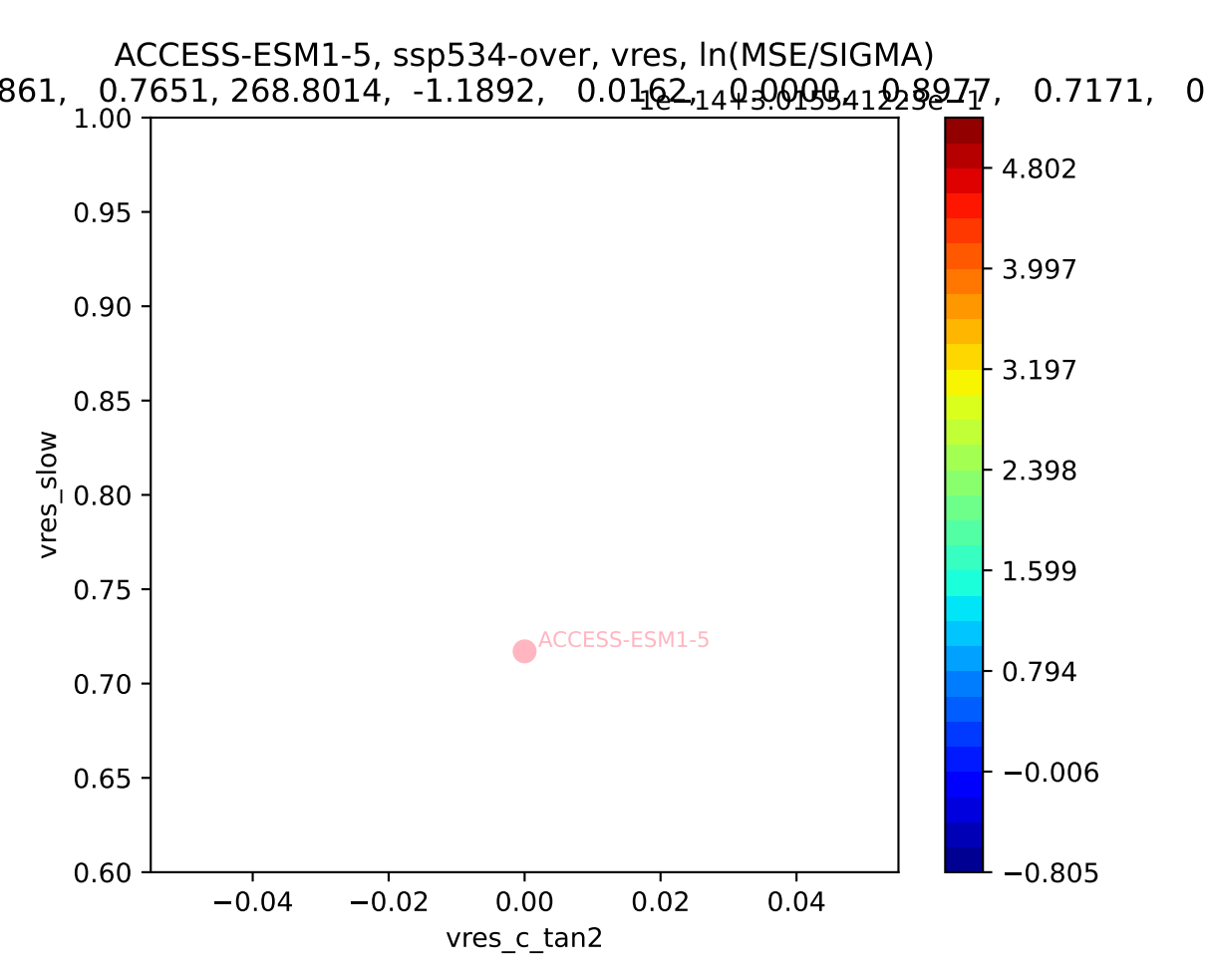

ACCESS-ESM1-5, ssp534-over, vres ACCESS-ESM1-5, ssp534-over, vr
ESM
Fit
vres
Year
ESM-Fit
vres, ESM - FIT
ACCESS-ESM1-5, ssp534-over, vres ACCESS-ESM1-5, ssp534-over, vr
ΔT
ACCESS-ESM1-5, ssp534-over, vres ACCESS-ESM1-5, ssp534-over, vr
c_atm

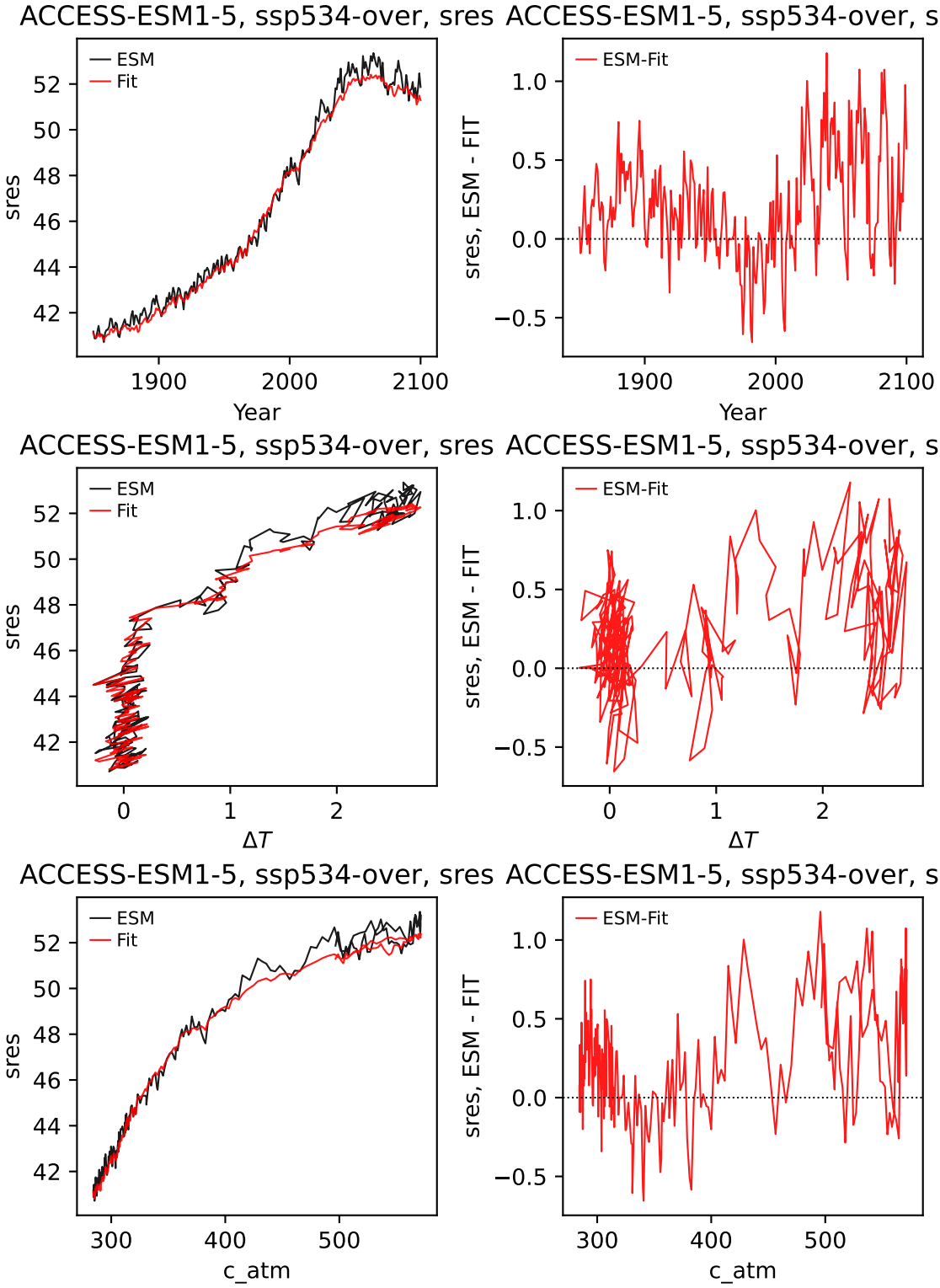

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
861, 0.7651, 268.8014, -1.1892, 0.0162, 0.0000, 0.8977, 0.7171, 0
ACCESS-ESM1-5
vres_t_e
vres_t_l
10.4
9.2
8.0
6.8
5.6
4.4
3.2
2.0
0.8

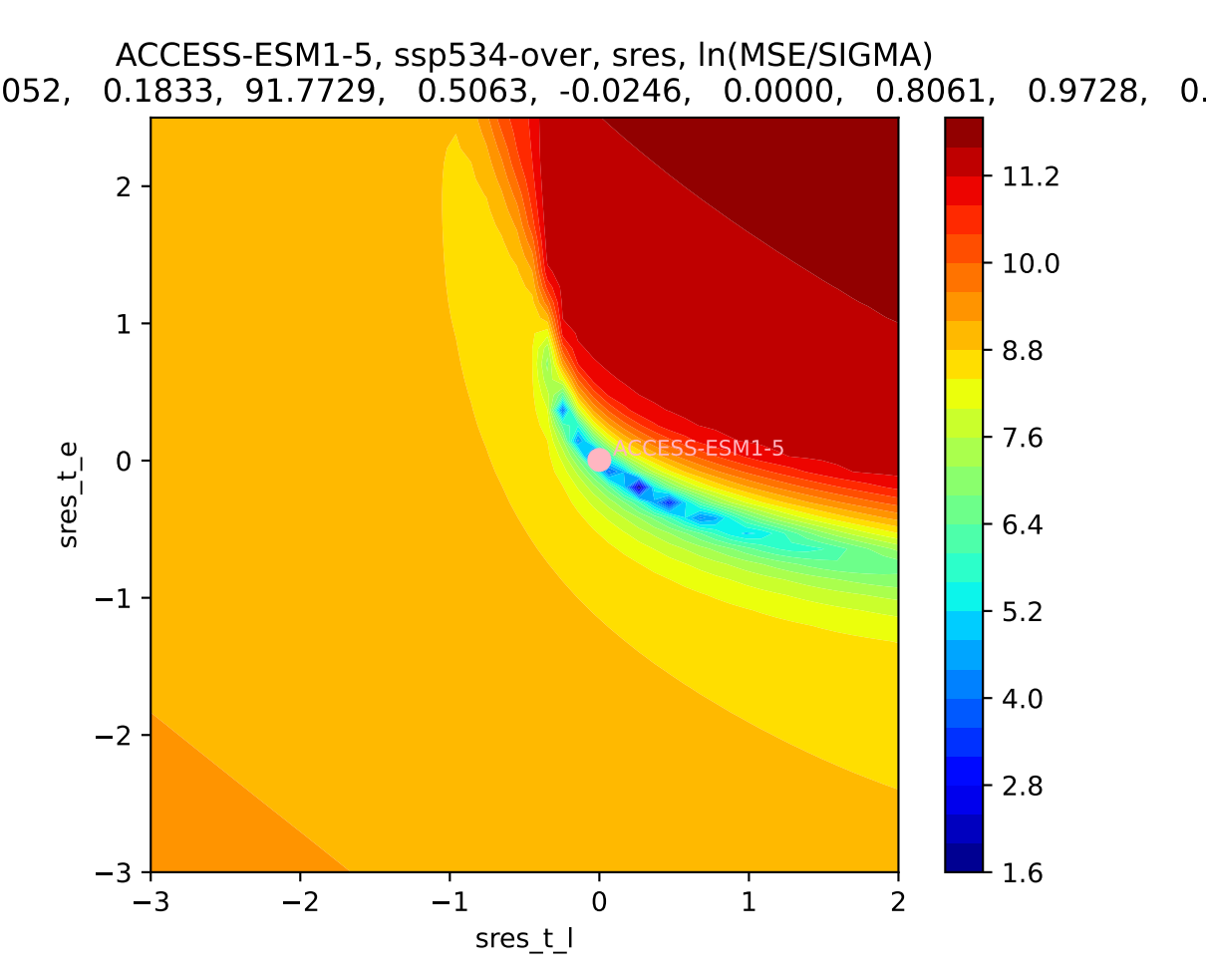

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
861, 0.7651, 268.8014, -1.1892, 0.0162, 0.0000, 0.8977, 0.7171, 0
ACCESS-ESM1-5
vres_c_e
vres_c_l
5
4
3
2
1
0
−1
−2
−3
−1
0
1
2
3
4
5
9.6
8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0

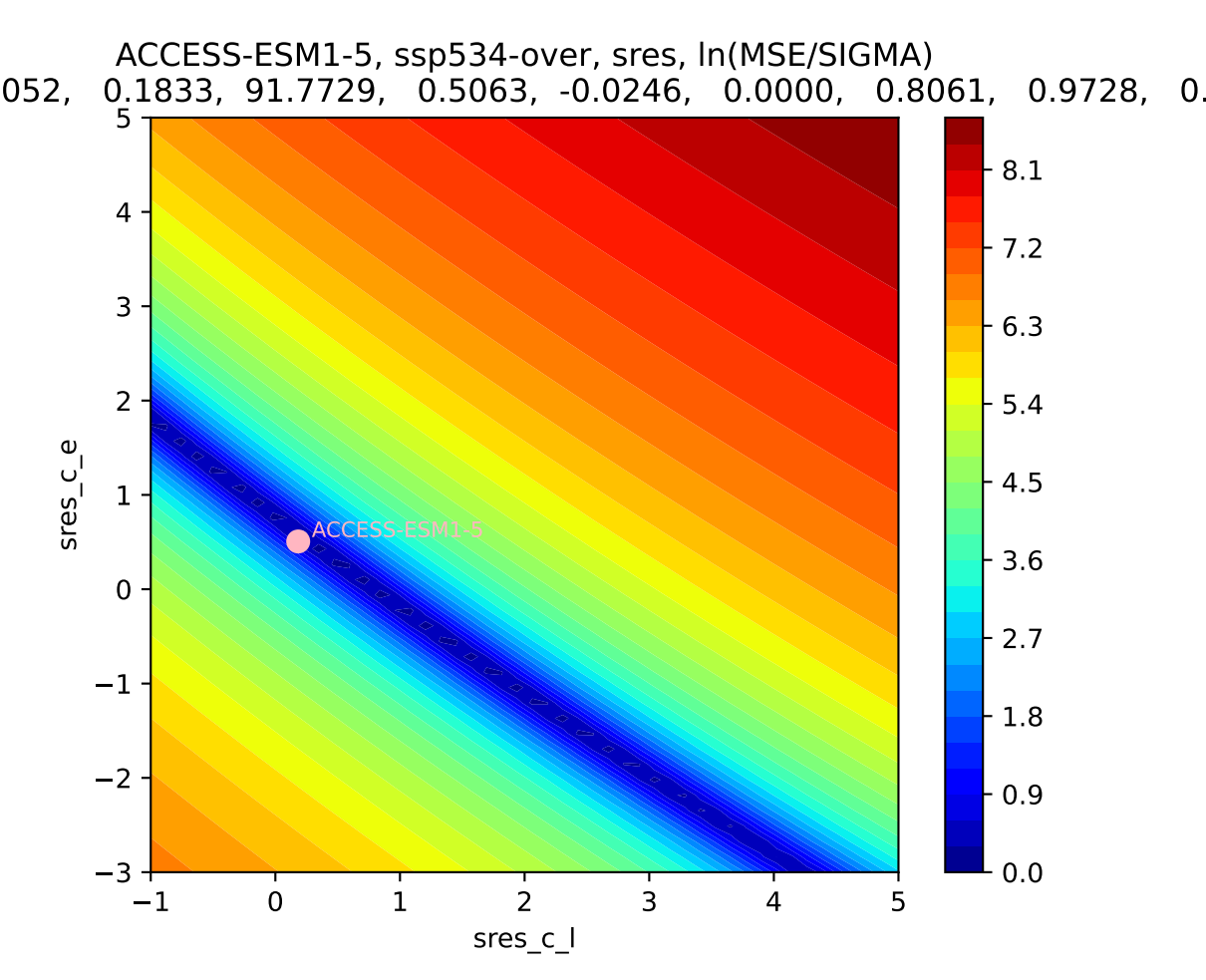

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
861, 0.7651, 268.8014, -1.1892, 0.0162, 0.0000, 0.8977, 0.7171, 0
ACCESS-ESM1-5
vres_hyst
vres_c_half
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
250
500
750
1000
1250
1500
1750
2000
10.5
9.6
8.7
7.8
6.9
6.0
5.1
4.2
3.3
2.4

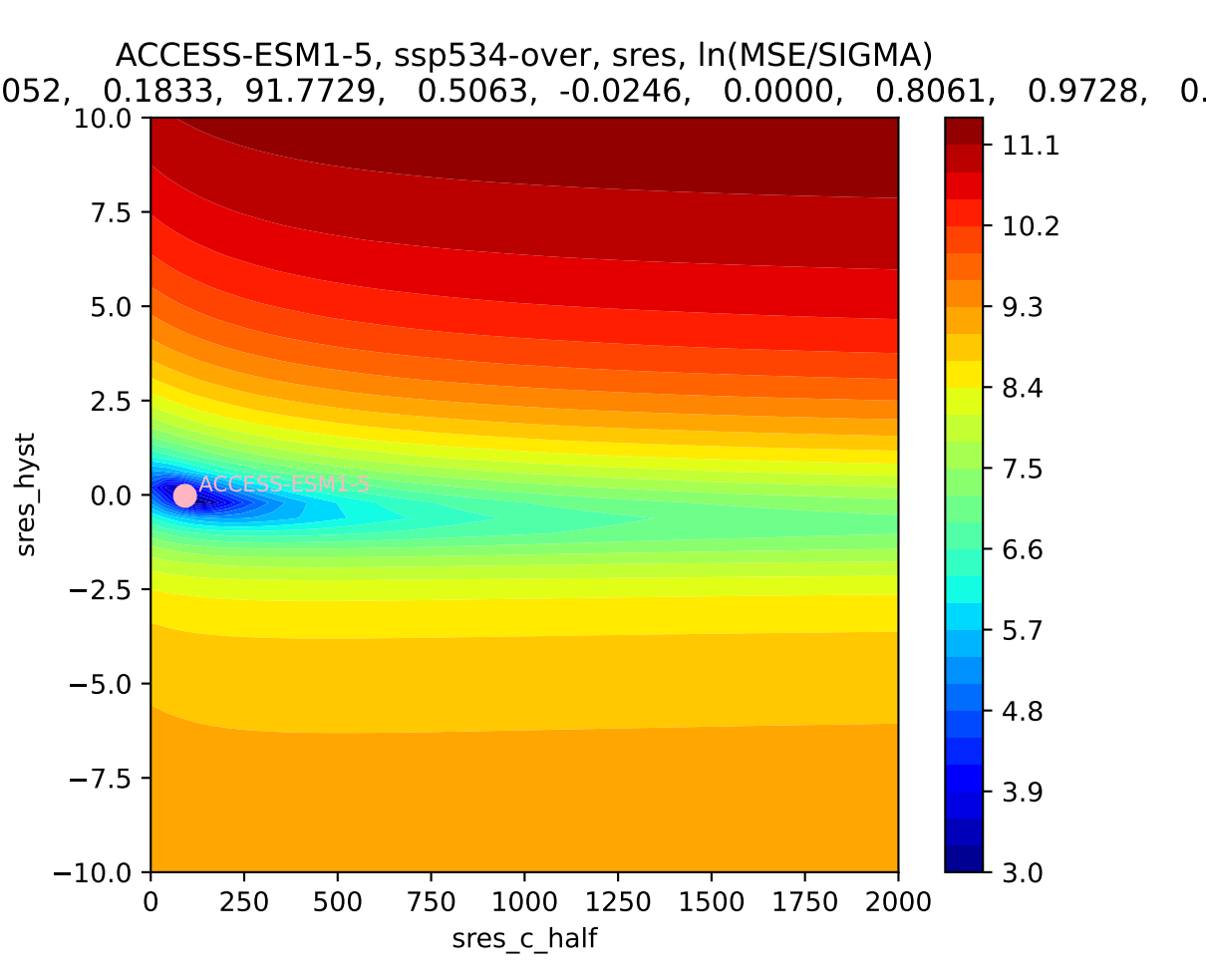

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
861, 0.7651, 268.8014, -1.1892, 0.0162, 0.0000, 0.8977, 0.7171, 0
1e−14+3.015541229e−1
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
vres_fast
ACCESS-ESM1-5
−0.04
−0.02
0.00
0.02
0.04
vres_c_tan
4.802
3.997
3.197
2.398
1.599
0.794
−0.006
−0.805

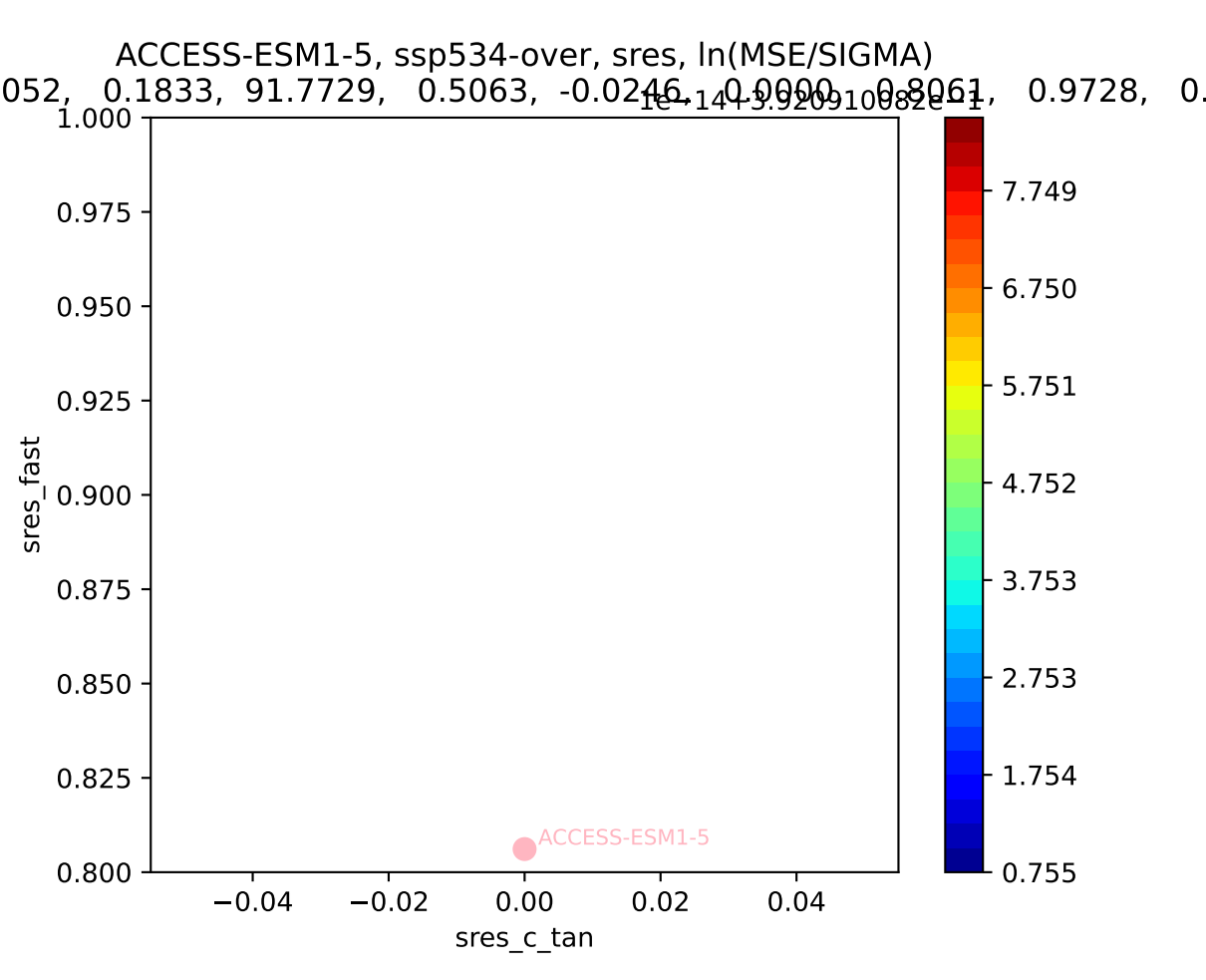

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
861, 0.7651, 268.8014, -1.1892, 0.0162, 0.0000, 0.8977, 0.7171, 0
1e−14+3.015541225e−1
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
vres_slow
ACCESS-ESM1-5
−0.04
−0.02
0.00
0.02
0.04
vres_c_tan2
4.802
3.997
3.197
2.398
1.599
0.794
−0.006
−0.805

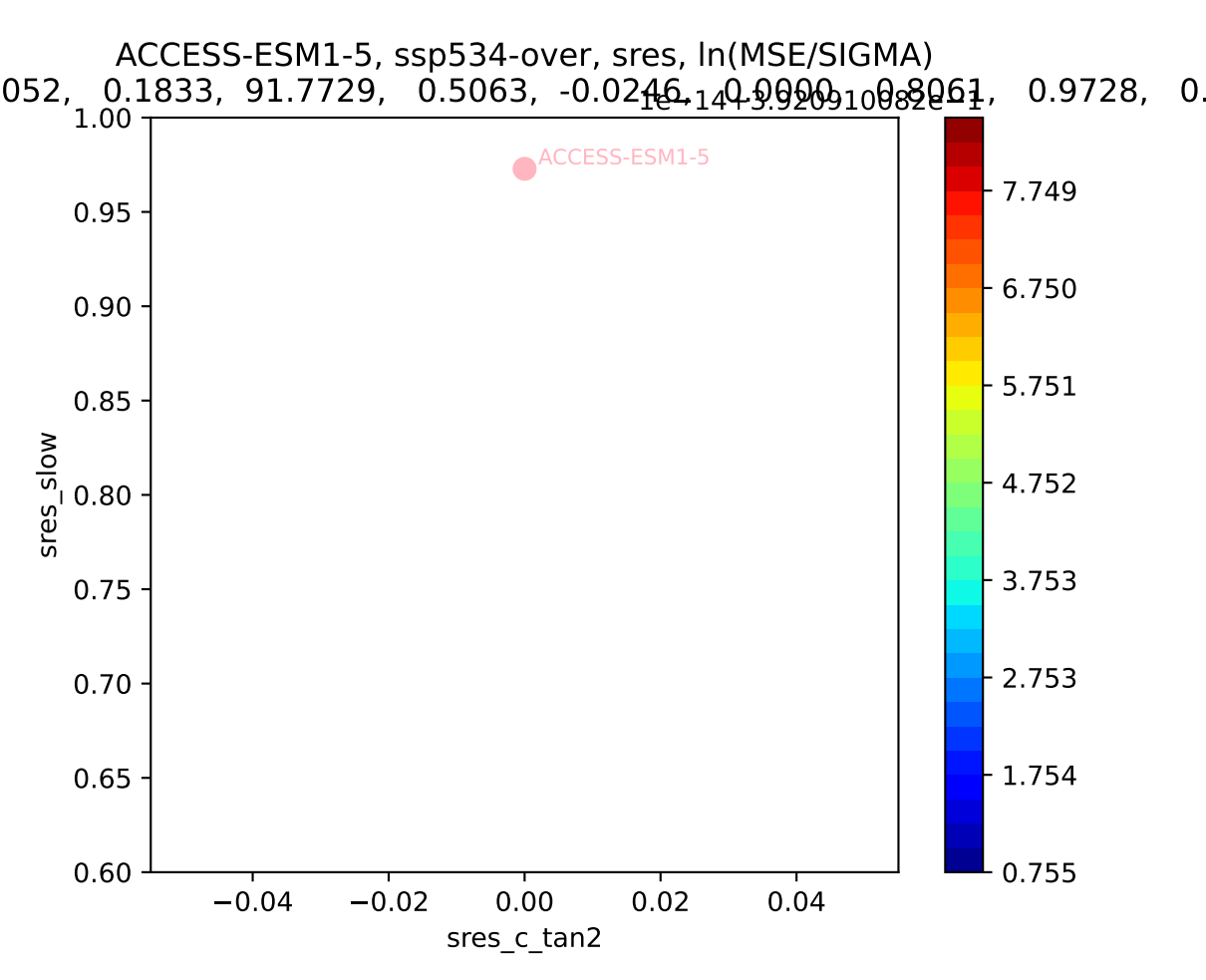

ACCESS-ESM1-5, ssp534-over, sres
ESM
Fit
sres
Year
ACCESS-ESM1-5, ssp534-over, sres
ESM-Fit
sres, ESM - FIT
Year
ACCESS-ESM1-5, ssp534-over, sres
ESM
Fit
sres
ΔT
ACCESS-ESM1-5, ssp534-over, sres
ESM-Fit
sres, ESM - FIT
ΔT
ACCESS-ESM1-5, ssp534-over, sres
ESM
Fit
sres
c_atm
ACCESS-ESM1-5, ssp534-over, sres
ESM-Fit
sres, ESM - FIT
c_atm

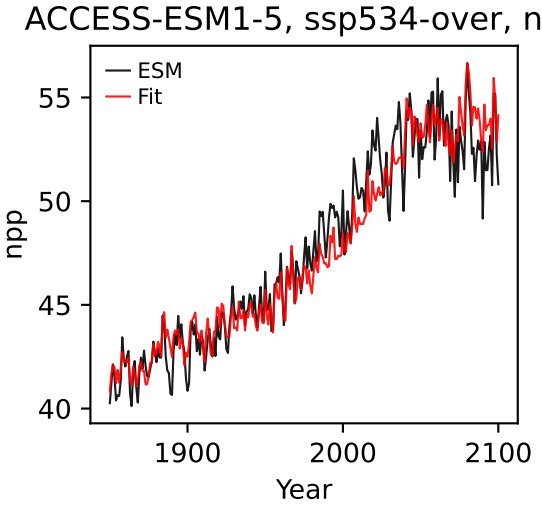

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
052, 0.1833, 91.7729, 0.5063, -0.0246, 0.0000, 0.8061, 0.9728, 0.
ACCESS-ESM1-5
sres_t_e
sres_t_l
−3
−2
−1
0
1
2
11.2
10.0
8.8
7.6
6.4
5.2
4.0
2.8
1.6

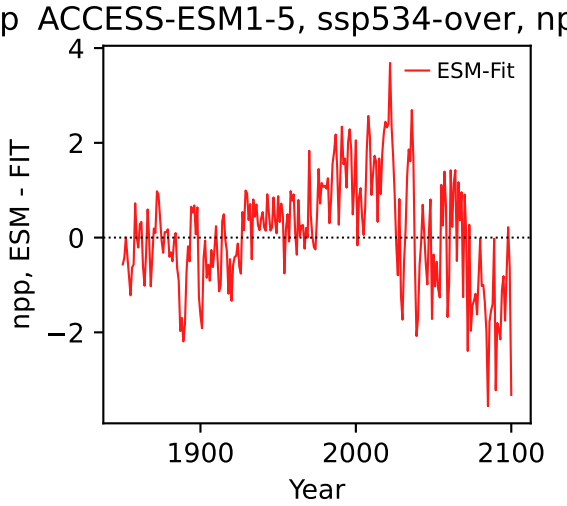

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
052, 0.1833, 91.7729, 0.5063, -0.0246, 0.0000, 0.8061, 0.9728, 0.
ACCESS-ESM1-5
sres_c_e
sres_c_l
5
4
3
2
1
0
−1
−2
−3
−1
0
1
2
3
4
5
8.1
7.2
6.3
5.4
4.5
3.6
2.7
1.8
0.9
0.0

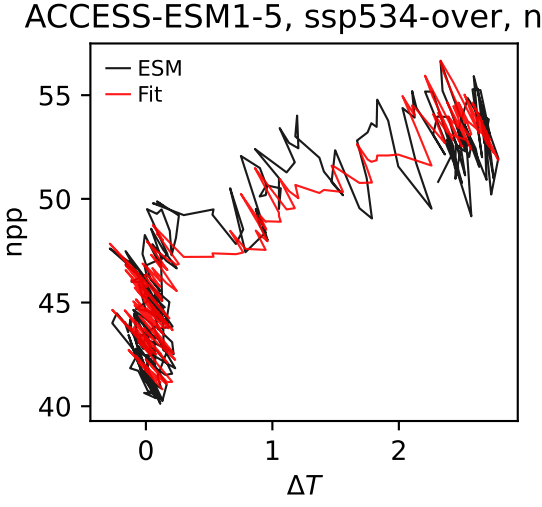

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
052, 0.1833, 91.7729, 0.5063, -0.0246, 0.0000, 0.8061, 0.9728, 0.
ACCESS-ESM1-5
sres_hyst
sres_c_half
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
250
500
750
1000
1250
1500
1750
2000
11.1
10.2
9.3
8.4
7.5
6.6
5.7
4.8
3.9
3.0

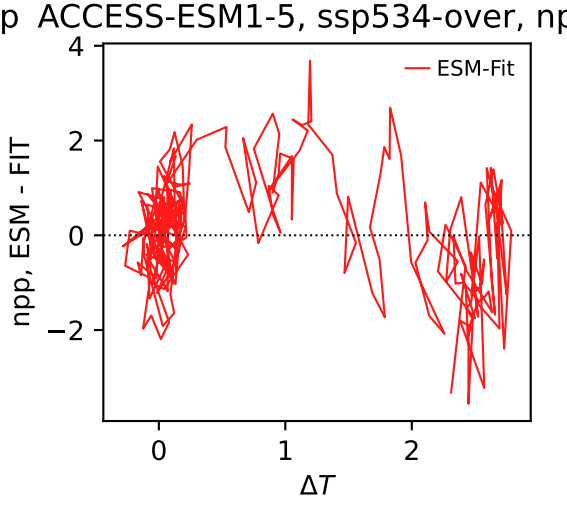

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
052, 0.1833, 91.7729, 0.5063, -0.0246, 0.0000, 0.8061, 0.9728, 0.
1e+14 +3.920910082e+1
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
sres_fast
ACCESS-ESM1-5
−0.04
−0.02
0.00
0.02
0.04
sres_c_tan
7.749
6.750
5.751
4.752
3.753
2.753
1.754
0.755

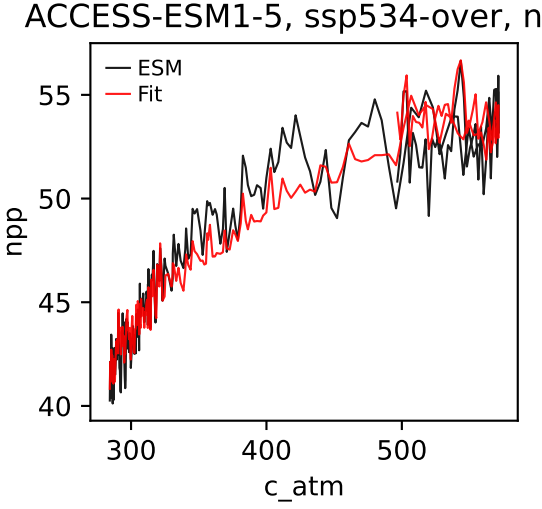

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
052, 0.1833, 91.7729, 0.5063, -0.0246, 0.0000, 0.8061, 0.9728, 0.
1e-14+3.920910082e-1
ACCESS-ESM1-5
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
sres_slow
−0.04
−0.02
0.00
0.02
0.04
sres_c_tan2
7.749
6.750
5.751
4.752
3.753
2.753
1.754
0.755

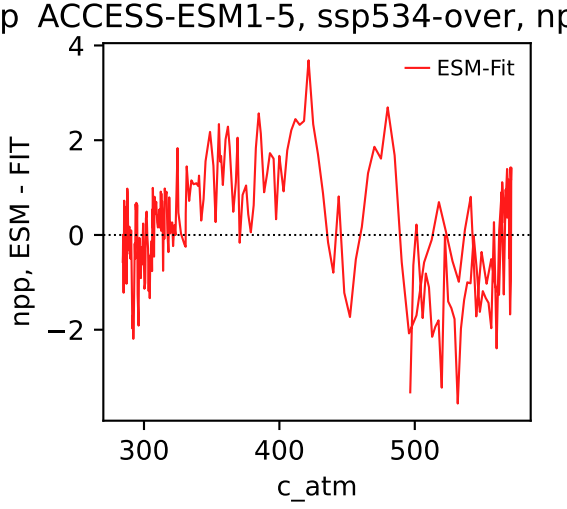

ACCESS-ESM1-5, ssp534-over, npp
ESM
Fit
npp
Year

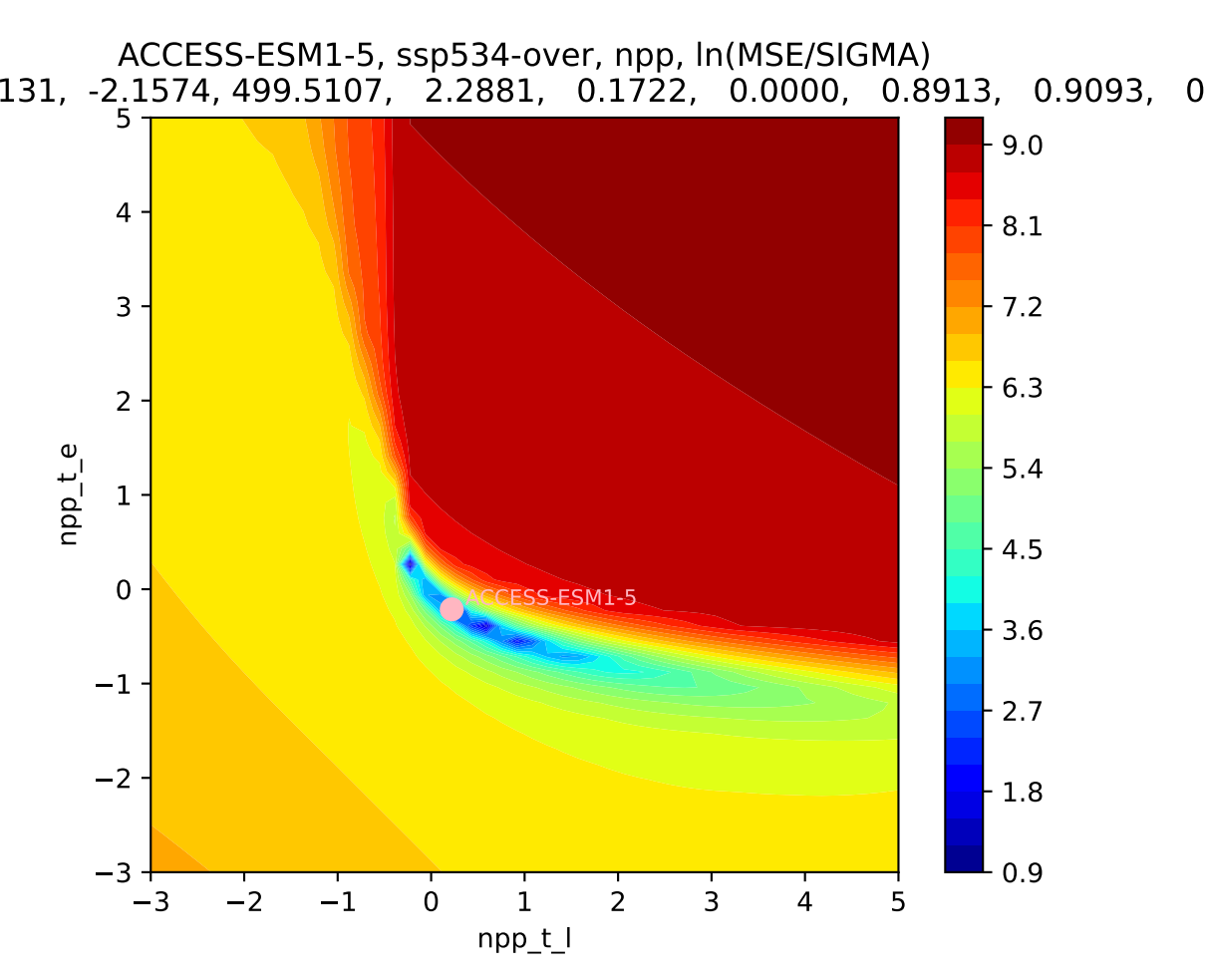

ACCESS-ESM1-5, ssp534-over, np
ESM-Fit
npp, ESM - FIT
Year

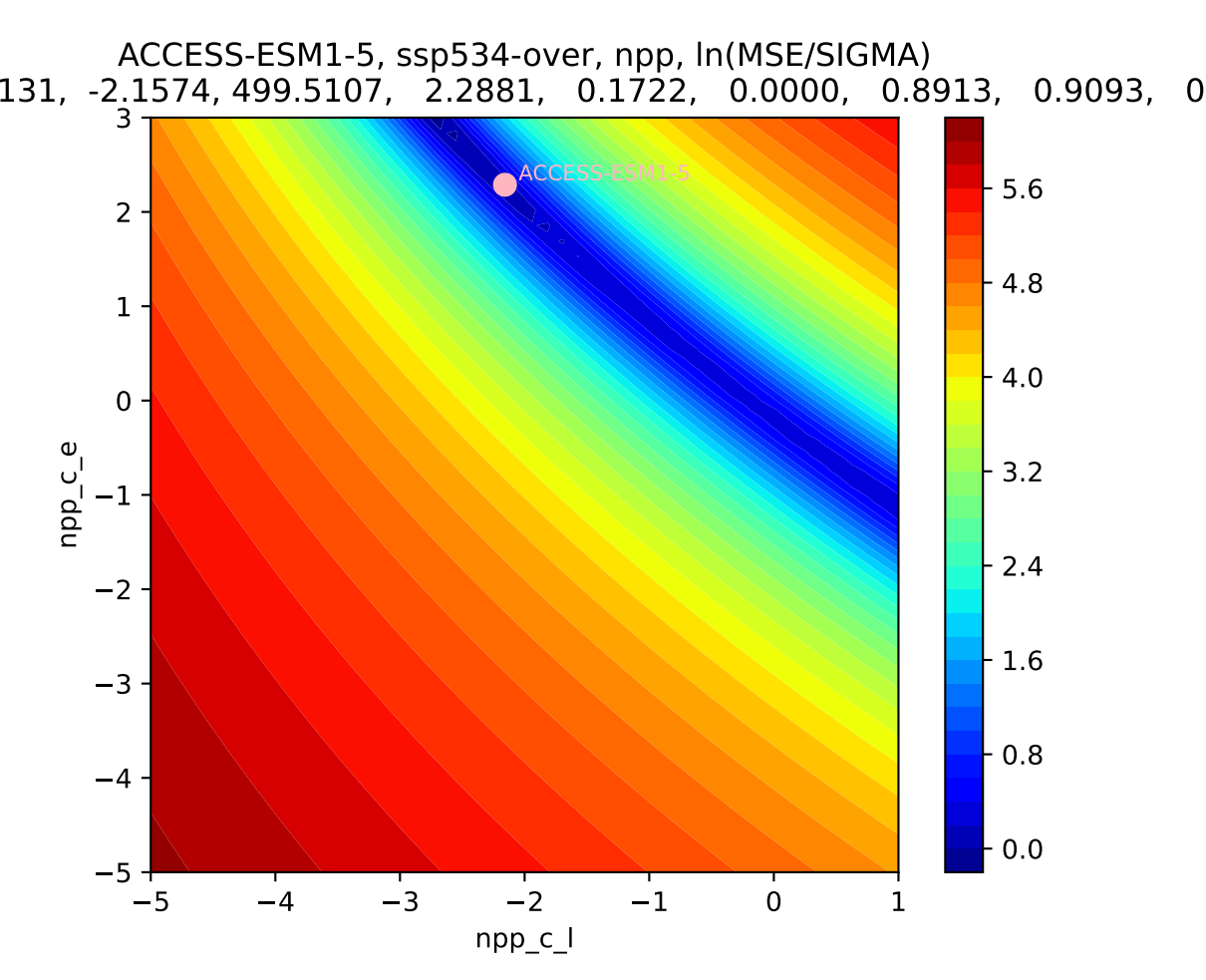

ACCESS-ESM1-5, ssp534-over, npp
ESM
Fit
npp
ΔT

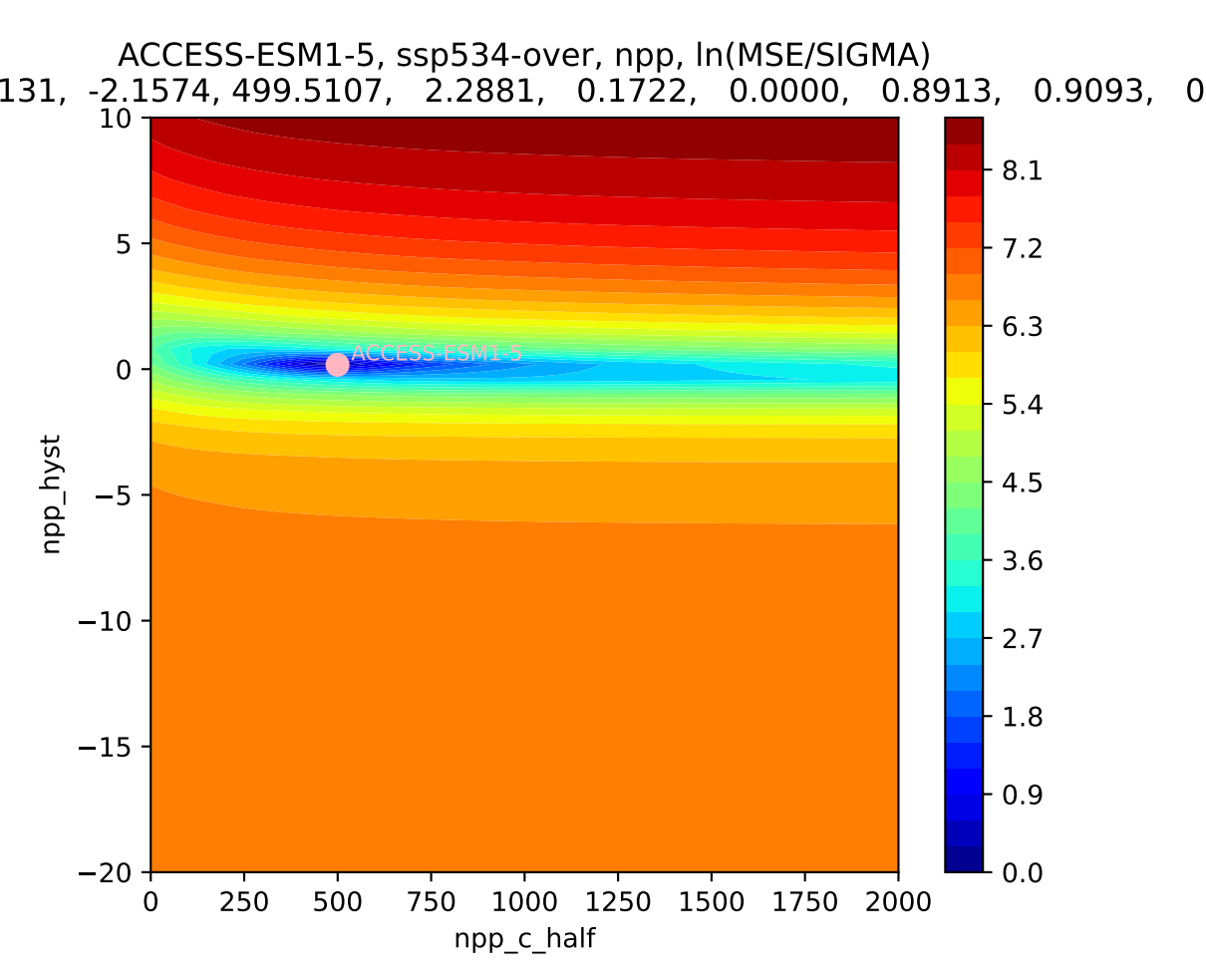

ACCESS-ESM1-5, ssp534-over, np
ESM-Fit
npp, ESM - FIT
ΔT

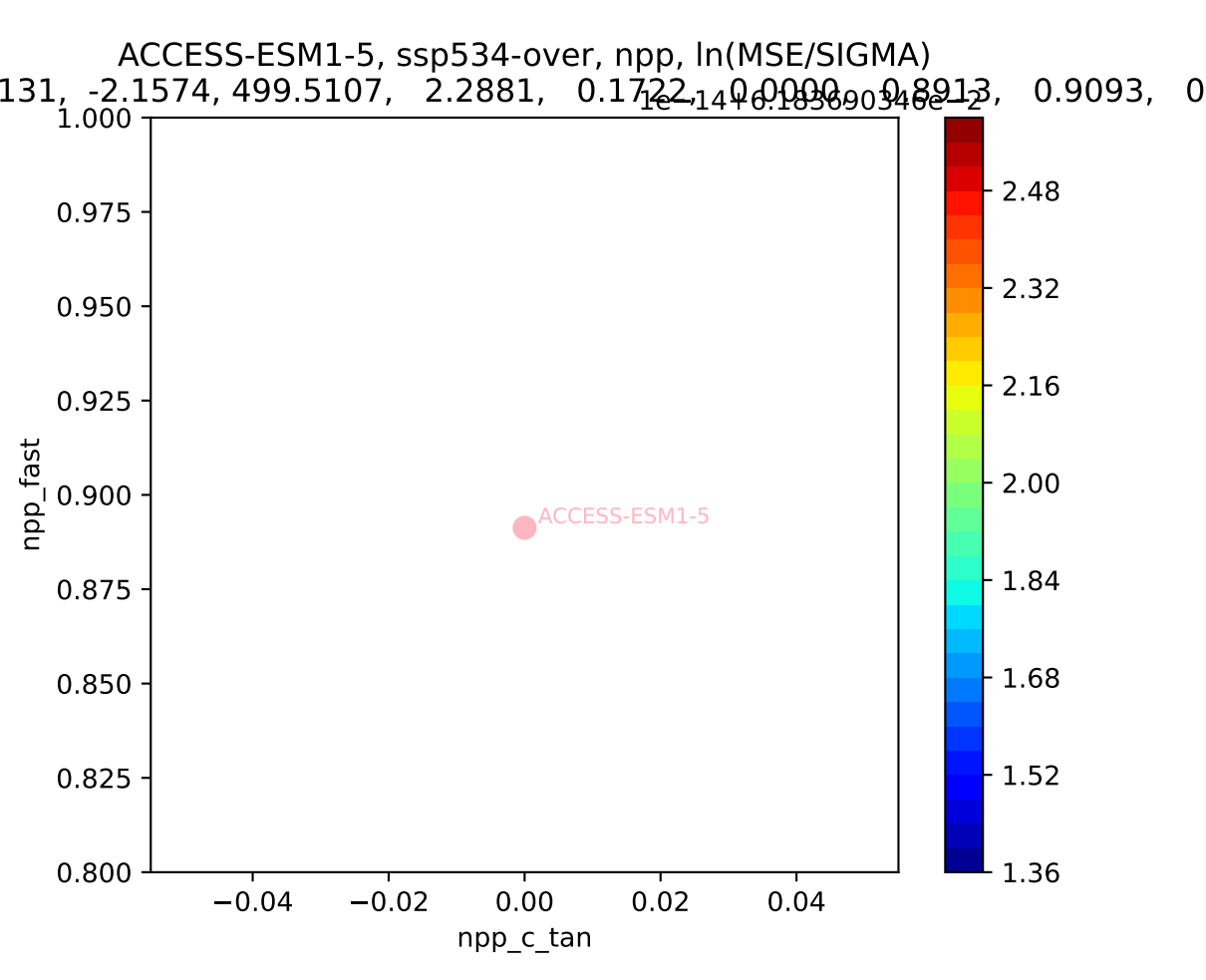

ACCESS-ESM1-5, ssp534-over, npp
ESM
Fit
npp
c_atm

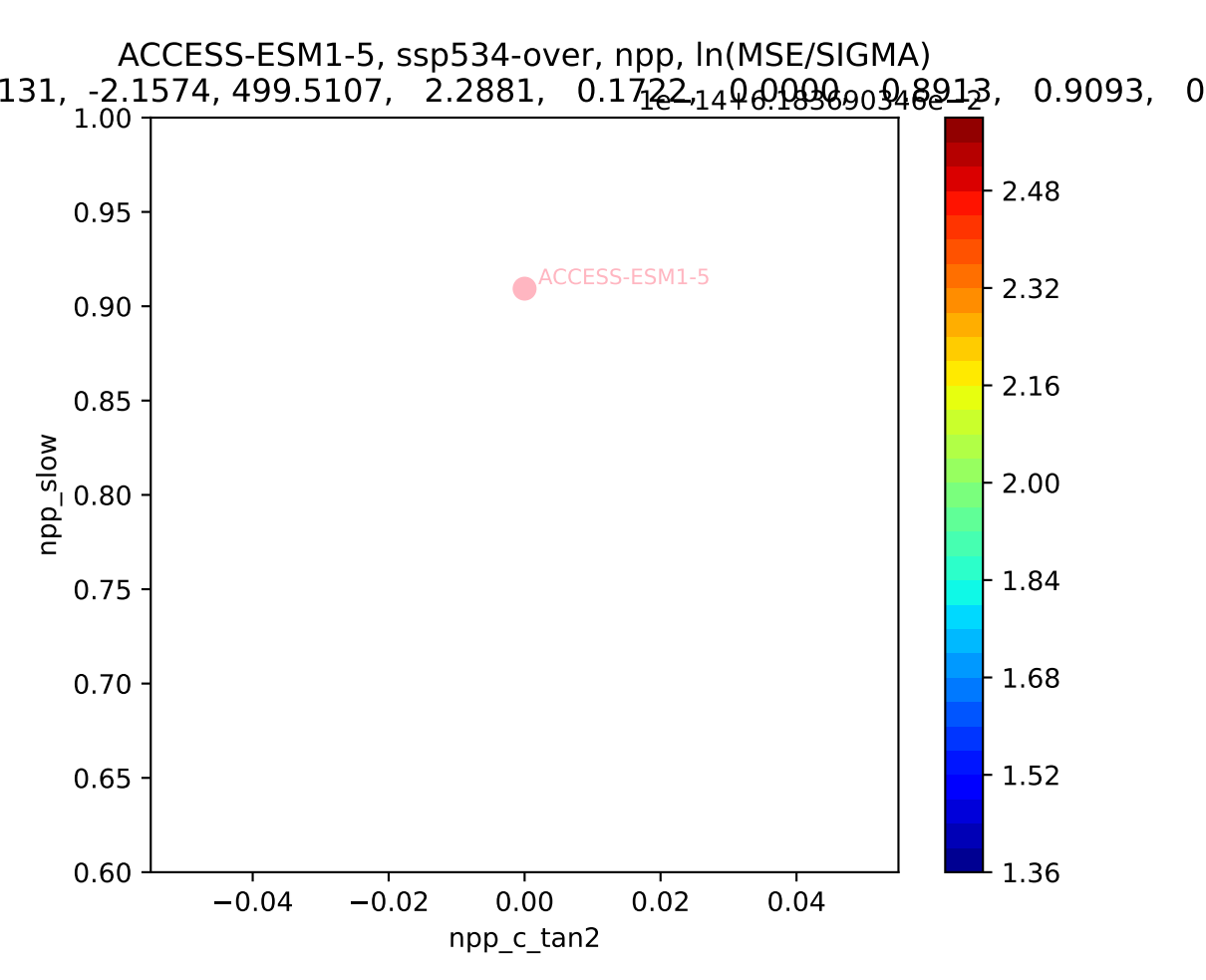

ACCESS-ESM1-5, ssp534-over, np
ESM-Fit
npp, ESM - FIT
c_atm

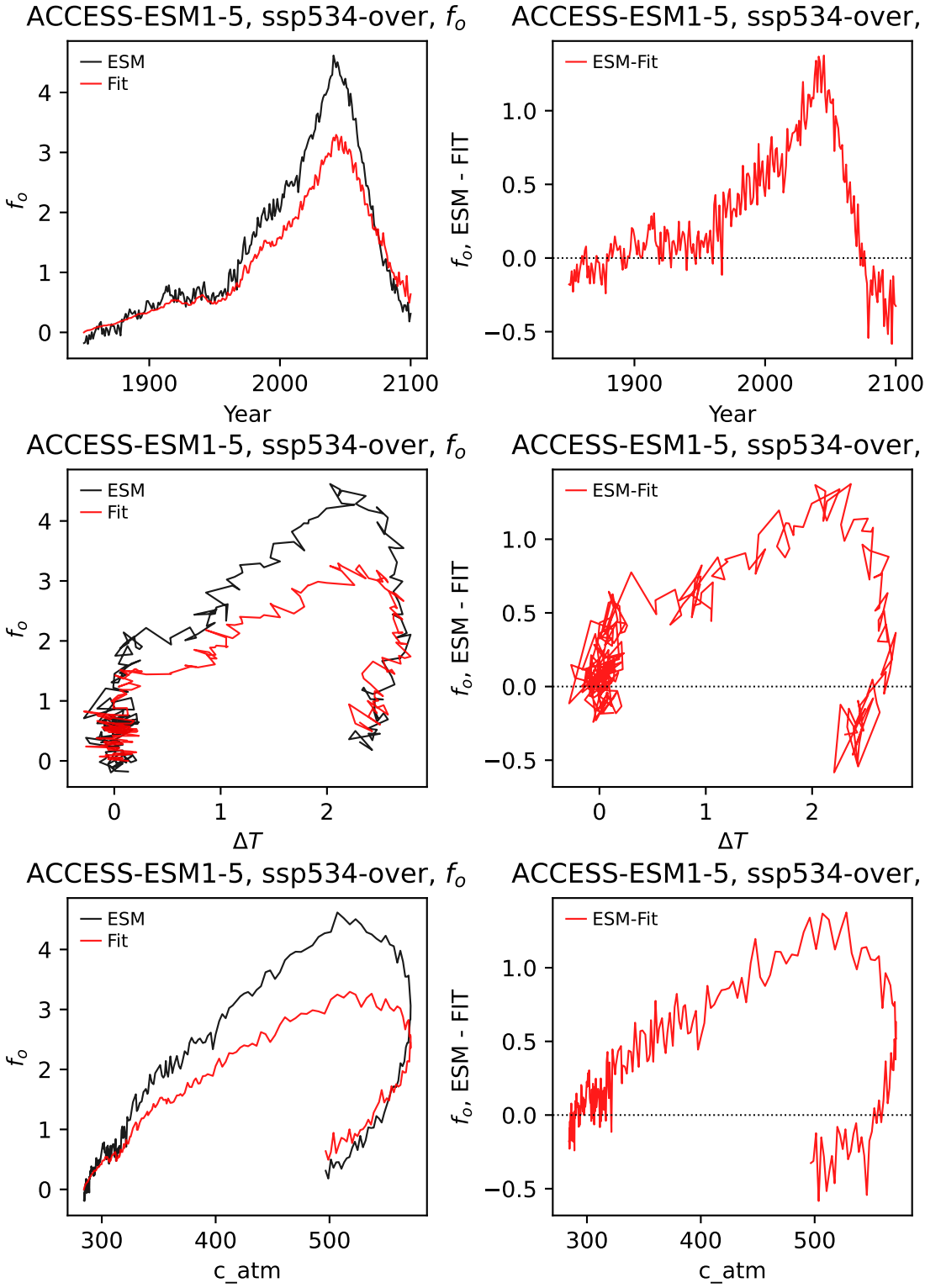

ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
131, -2.1574, 499.5107, 2.2881, 0.1722, 0.0000, 0.8913, 0.9093, 0
ACCESS-ESM1-5
npp_t_e
npp_t_l
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
9.0
8.1
7.2
6.3
5.4
4.5
3.6
2.7
1.8
0.9

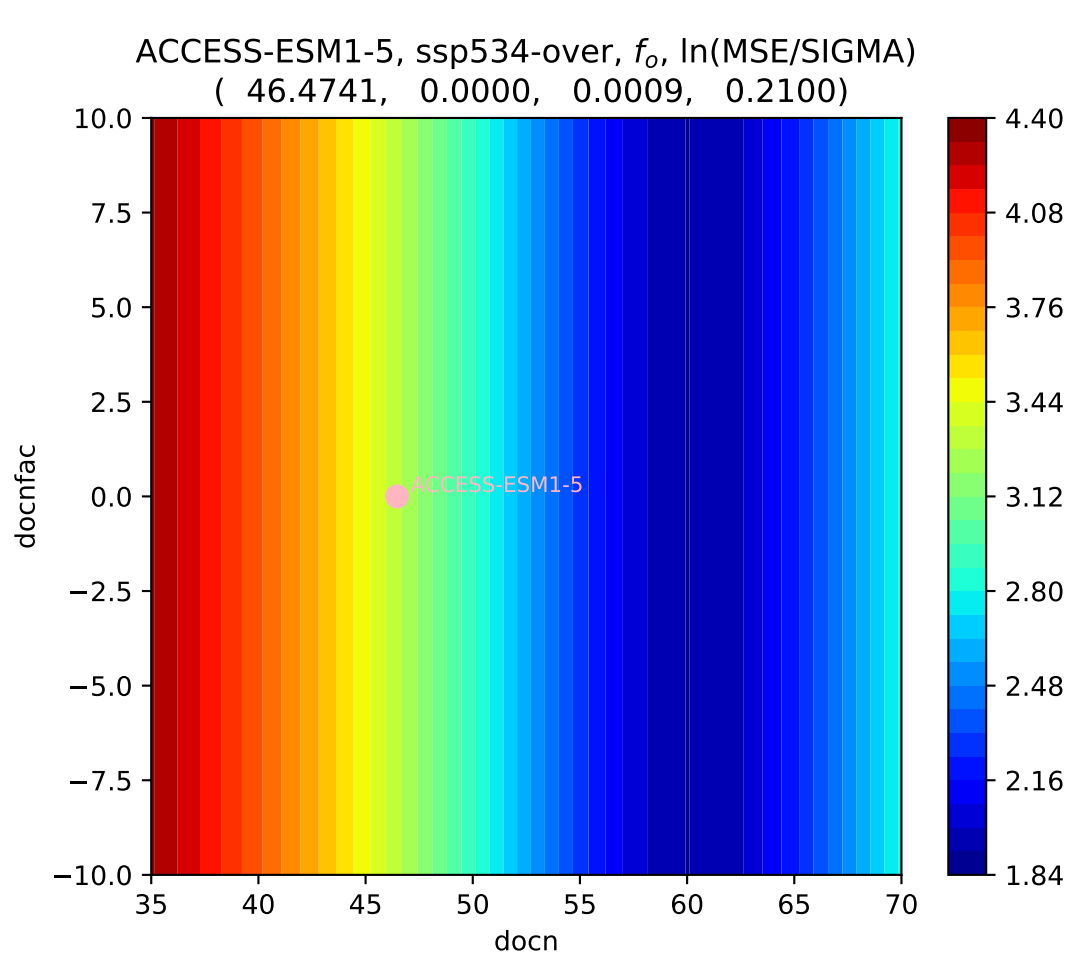

ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
131, -2.1574, 499.5107, 2.2881, 0.1722, 0.0000, 0.8913, 0.9093, 0
ACCESS-ESM1-5
npp_c_e
npp_c_l
3
2
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1
5.6
4.8
4.0
3.2
2.4
1.6
0.8
0.0

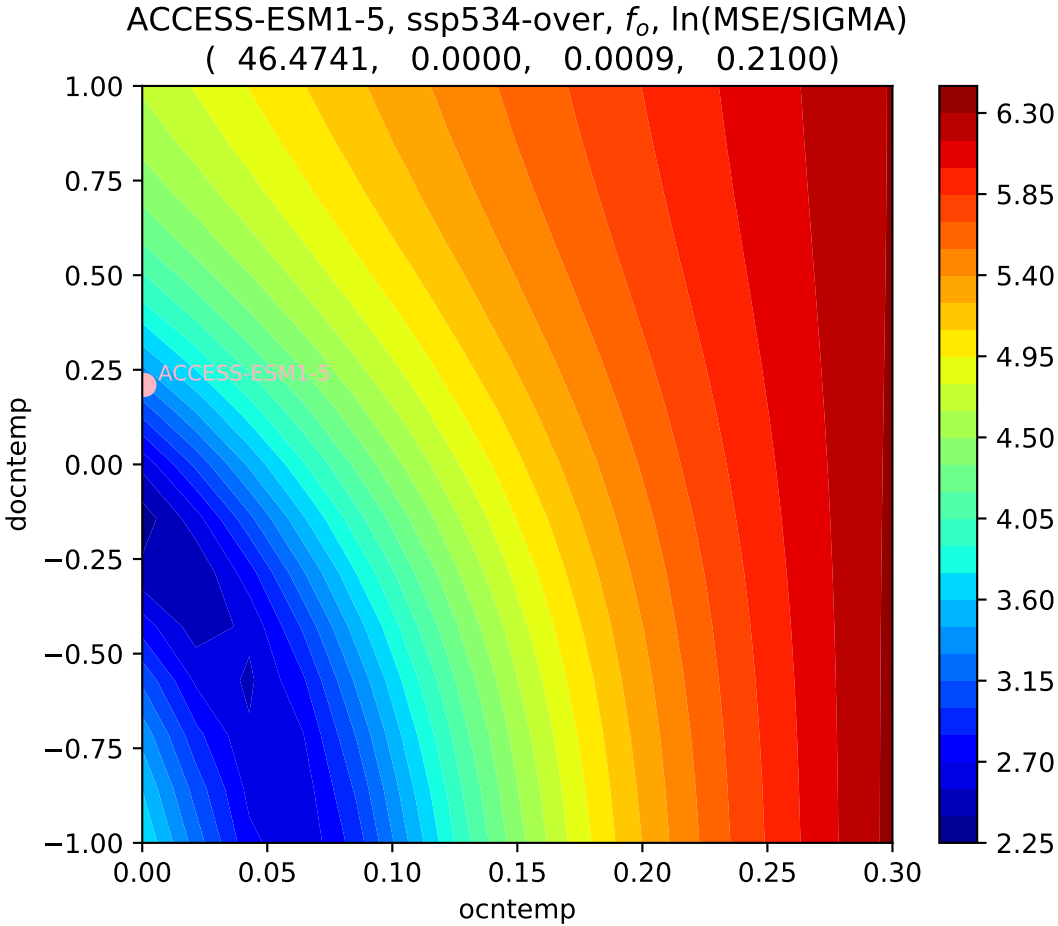

ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
131, -2.1574, 499.5107, 2.2881, 0.1722, 0.0000, 0.8913, 0.9093, 0
ACCESS-ESM1-5
npp_hyst
npp_c_half
10
5
0
−5
−10
−15
−20
0
250
500
750
1000
1250
1500
1750
2000
8.1
7.2
6.3
5.4
4.5
3.6
2.7
1.8
0.9
0.0


ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
131, -2.1574, 499.5107, 2.2881, 0.1722, 0.0000, 0.8913, 0.9093, 0
1e−14+6.183690346e−2
ACCESS-ESM1-5
npp_fast
npp_c_tan
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
−0.04
−0.02
0.00
0.02
0.04
2.48
2.32
2.16
2.00
1.84
1.68
1.52
1.36


ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
131, -2.1574, 499.5107, 2.2881, 0.1722, 0.0000, 0.8913, 0.9093, 0
1e−14+6.183690346e−2
ACCESS-ESM1-5
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
npp_slow
−0.04
−0.02
0.00
0.02
0.04
npp_c_tan2
2.48
2.32
2.16
2.00
1.84
1.68
1.52
1.36


ACCESS-ESM1-5, ssp534-over, f_o
ESM
Fit
f_o
Year
ACCESS-ESM1-5, ssp534-over, f_o
ESM-Fit
f_o, ESM - FIT
Year
ACCESS-ESM1-5, ssp534-over, f_o
ESM
Fit
f_o
ΔT
ACCESS-ESM1-5, ssp534-over, f_o
ESM-Fit
f_o, ESM - FIT
ΔT
ACCESS-ESM1-5, ssp534-over, f_o
ESM
Fit
f_o
c_atm
ACCESS-ESM1-5, ssp534-over, f_o
ESM-Fit
f_o, ESM - FIT
c_atm


ACCESS-ESM1-5, ssp534-over, f_o, ln(MSE/SIGMA)
(46.4741, 0.0000, 0.0009, 0.2100)
ACCESS-ESM1-5
docnfac
docn
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
35
40
45
50
55
60
65
70
4.40
4.08
3.76
3.44
3.12
2.80
2.48
2.16
1.84


ACCESS-ESM1-5, ssp534-over, f_o, ln(MSE/SIGMA)
(46.4741, 0.0000, 0.0009, 0.2100)
ACCESS-ESM1-5
docntemp
ocntemp
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
0.00
0.05
0.10
0.15
0.20
0.25
0.30
6.30
5.85
5.40
4.95
4.50
4.05
3.60
3.15
2.70
2.25