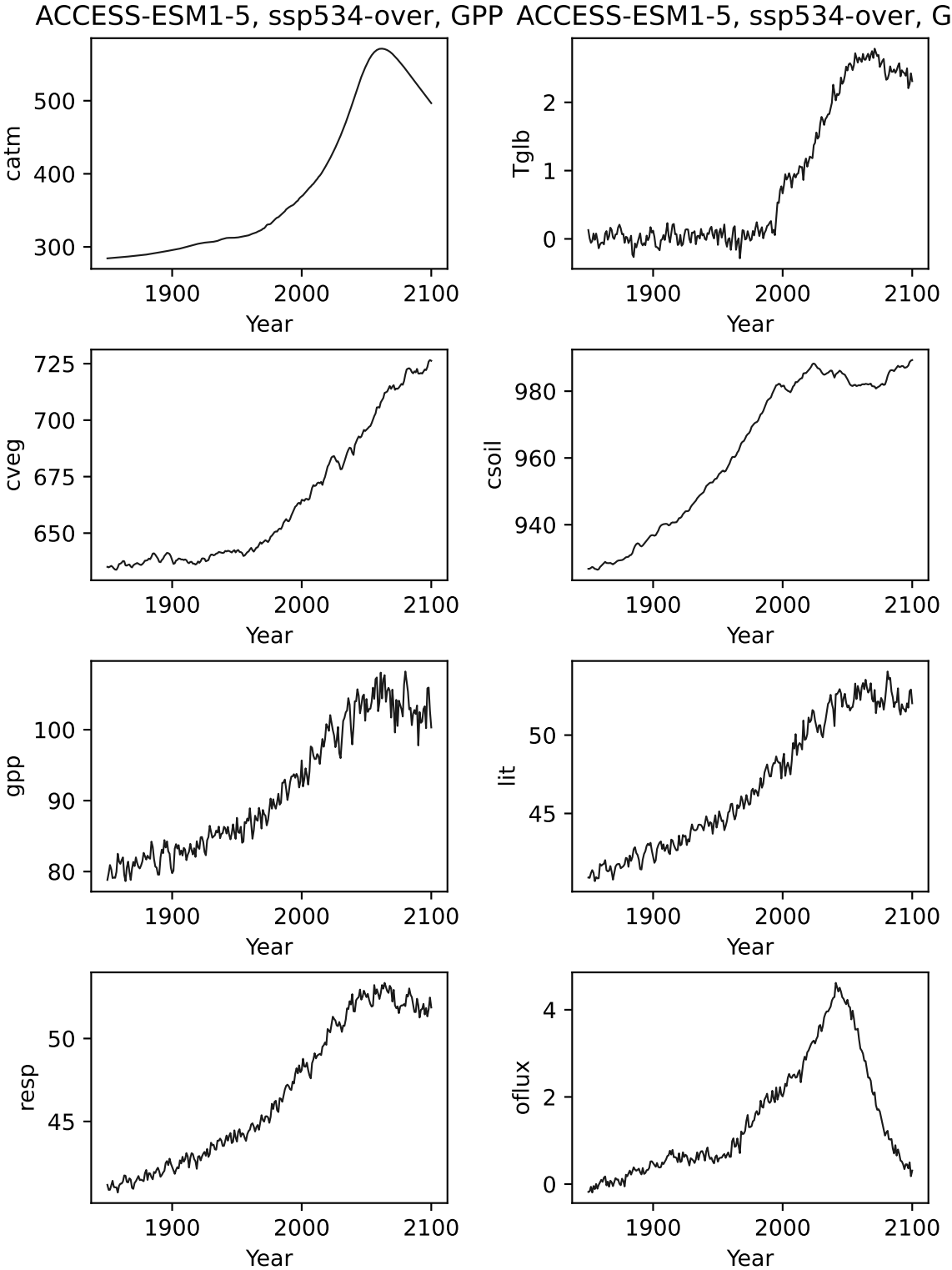
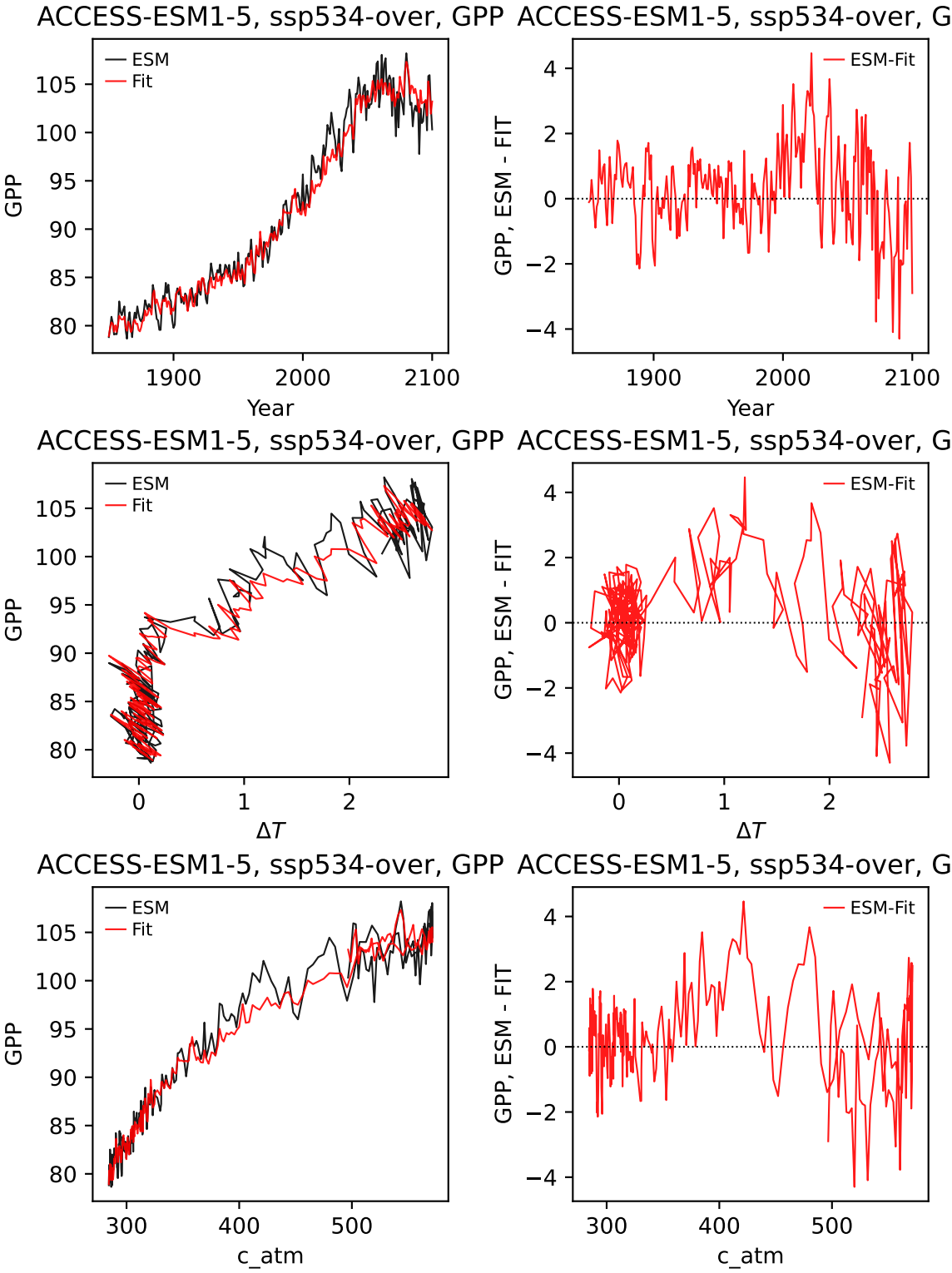
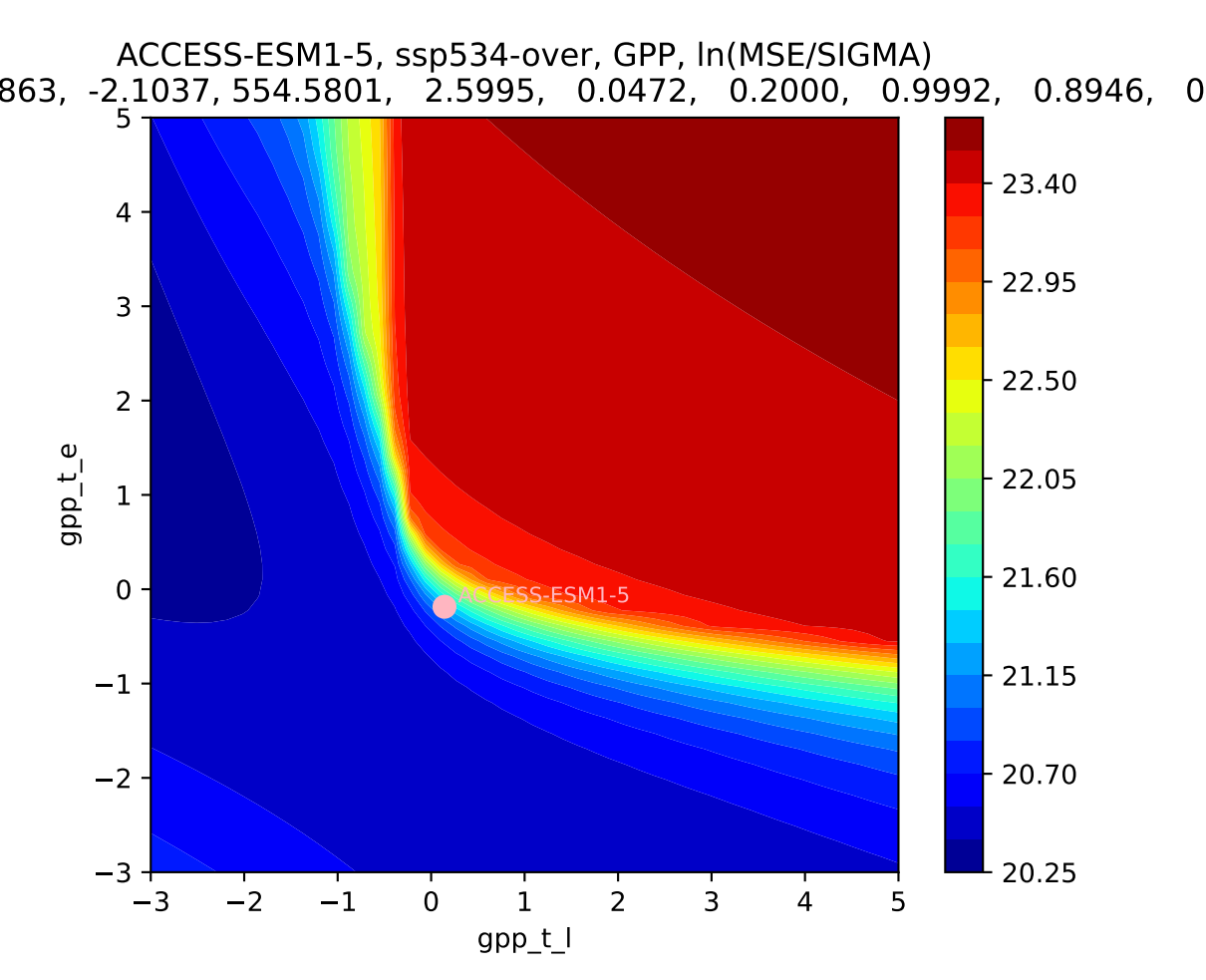
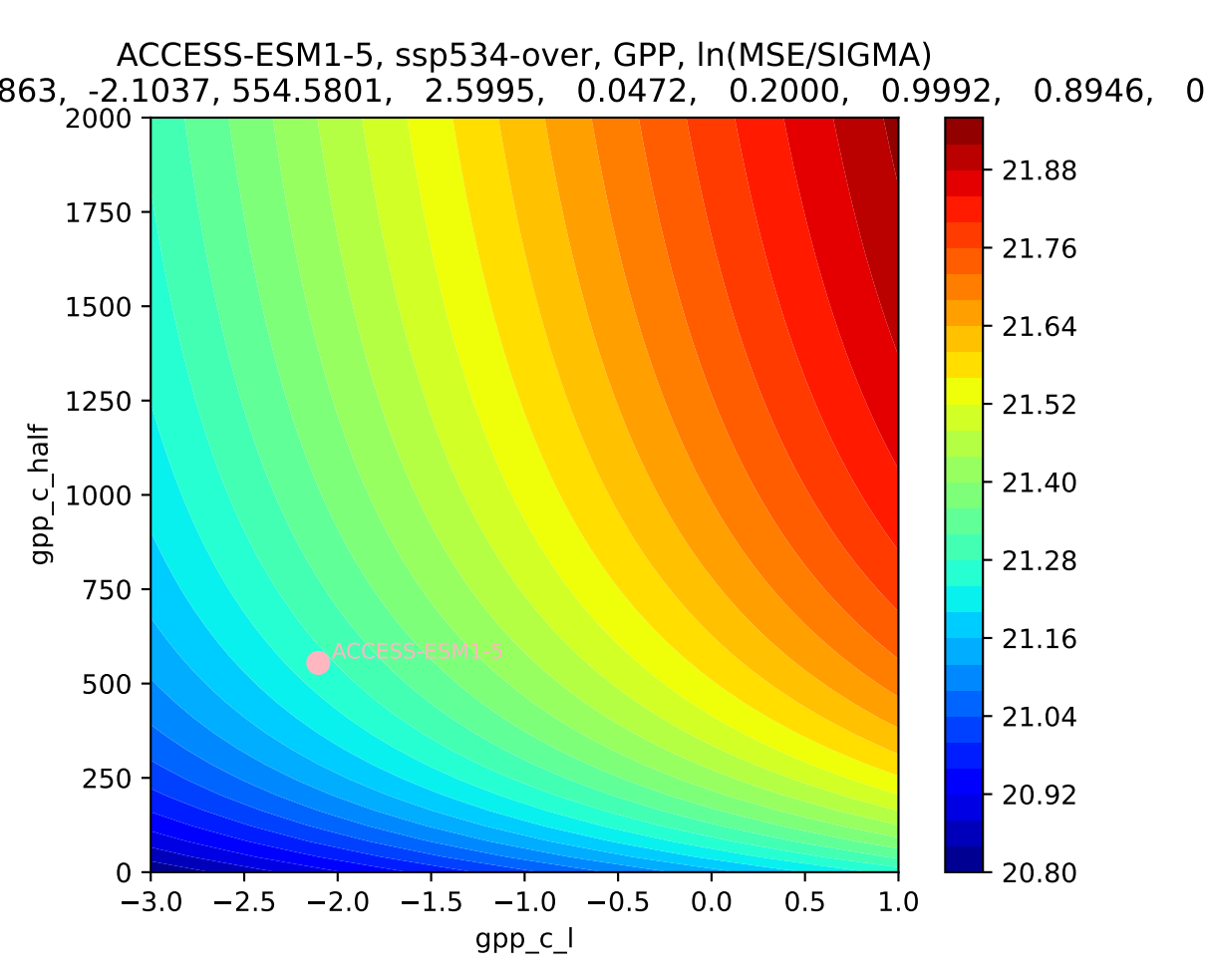
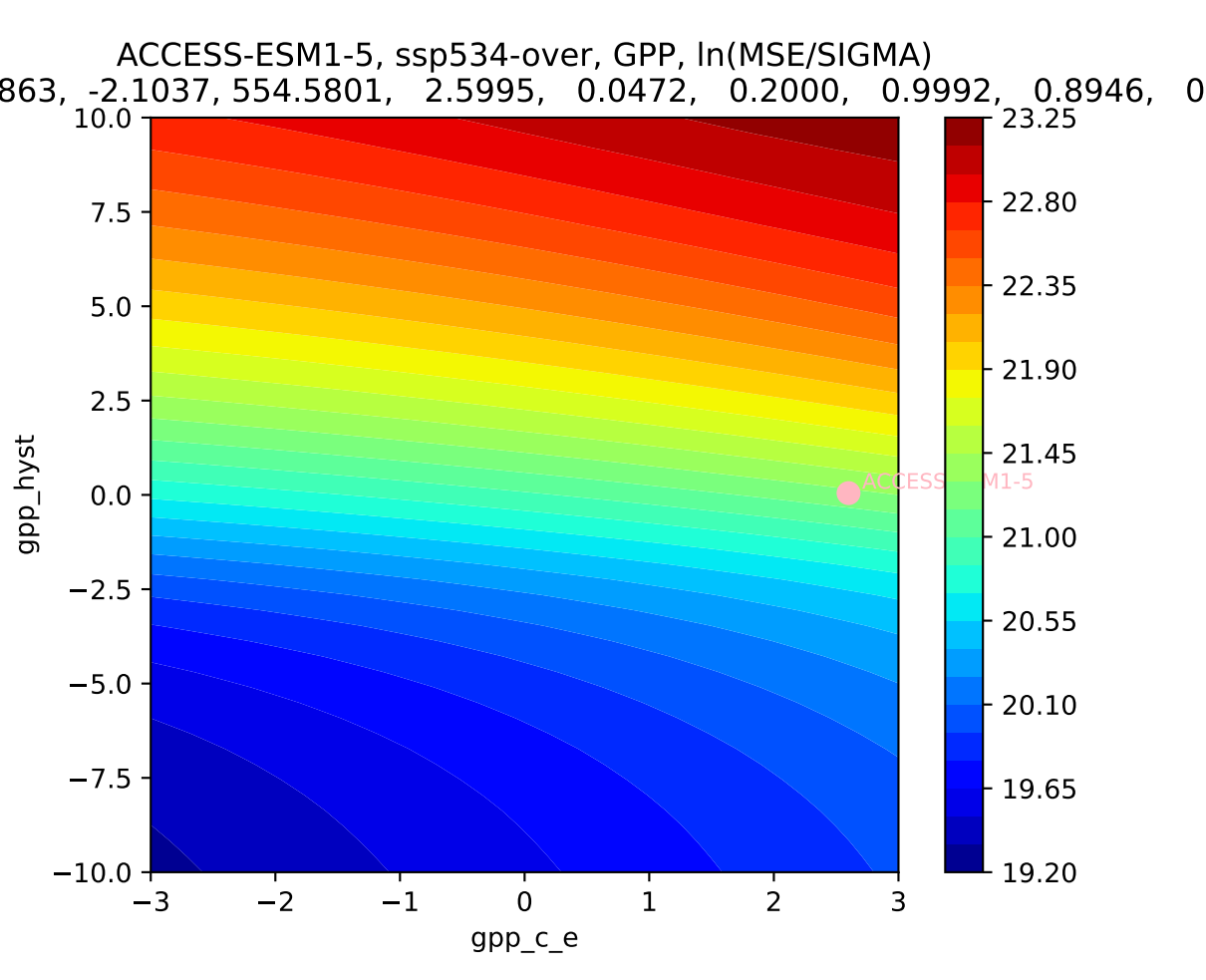
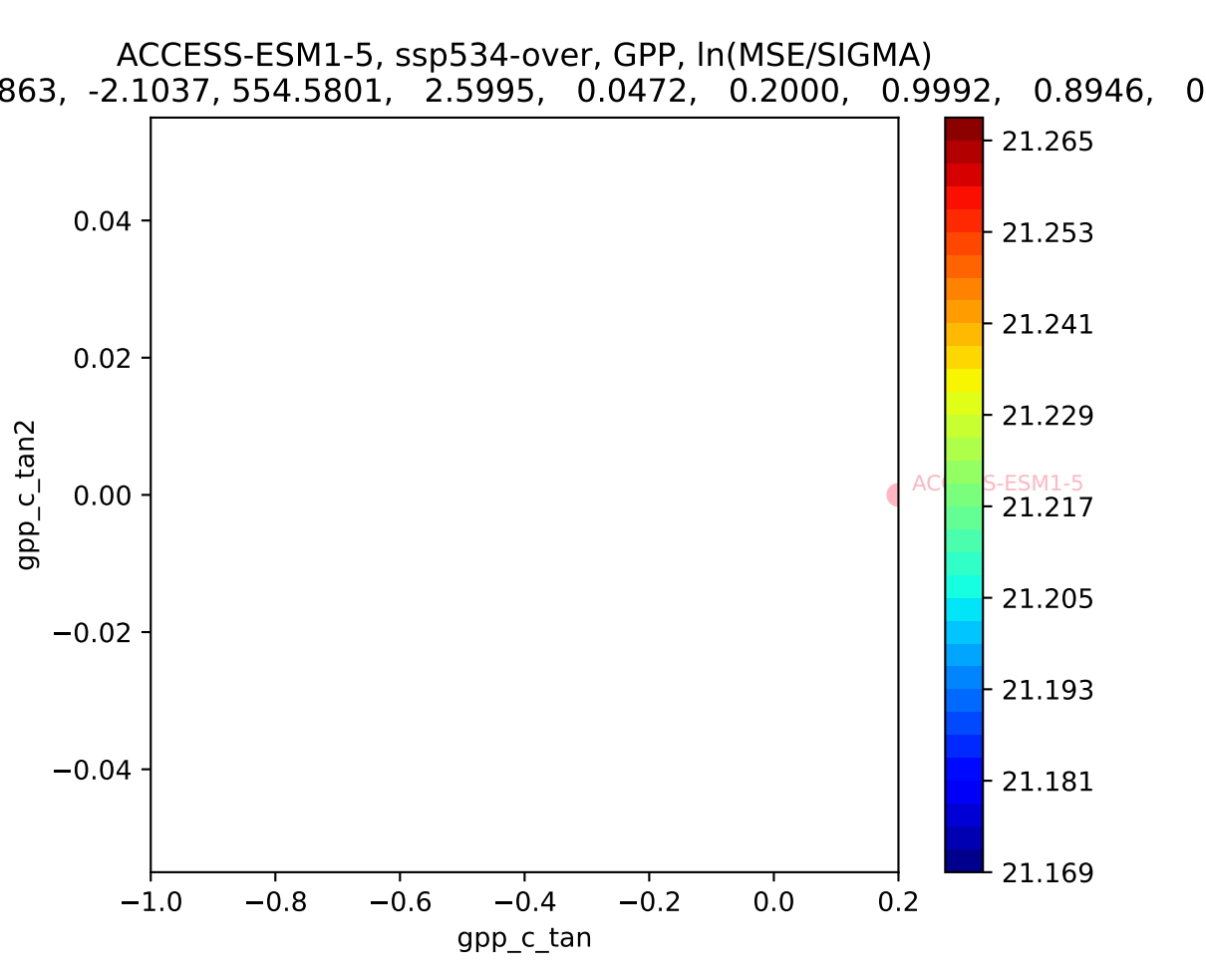

ACCESS-ESM1-5, ssp534-over, GPP
ACCESS-ESM1-5, ssp534-over, GP
catm
Tglb
cveg
csoil
gpp
lit
resp
oflux
Year
1900
2000
2100

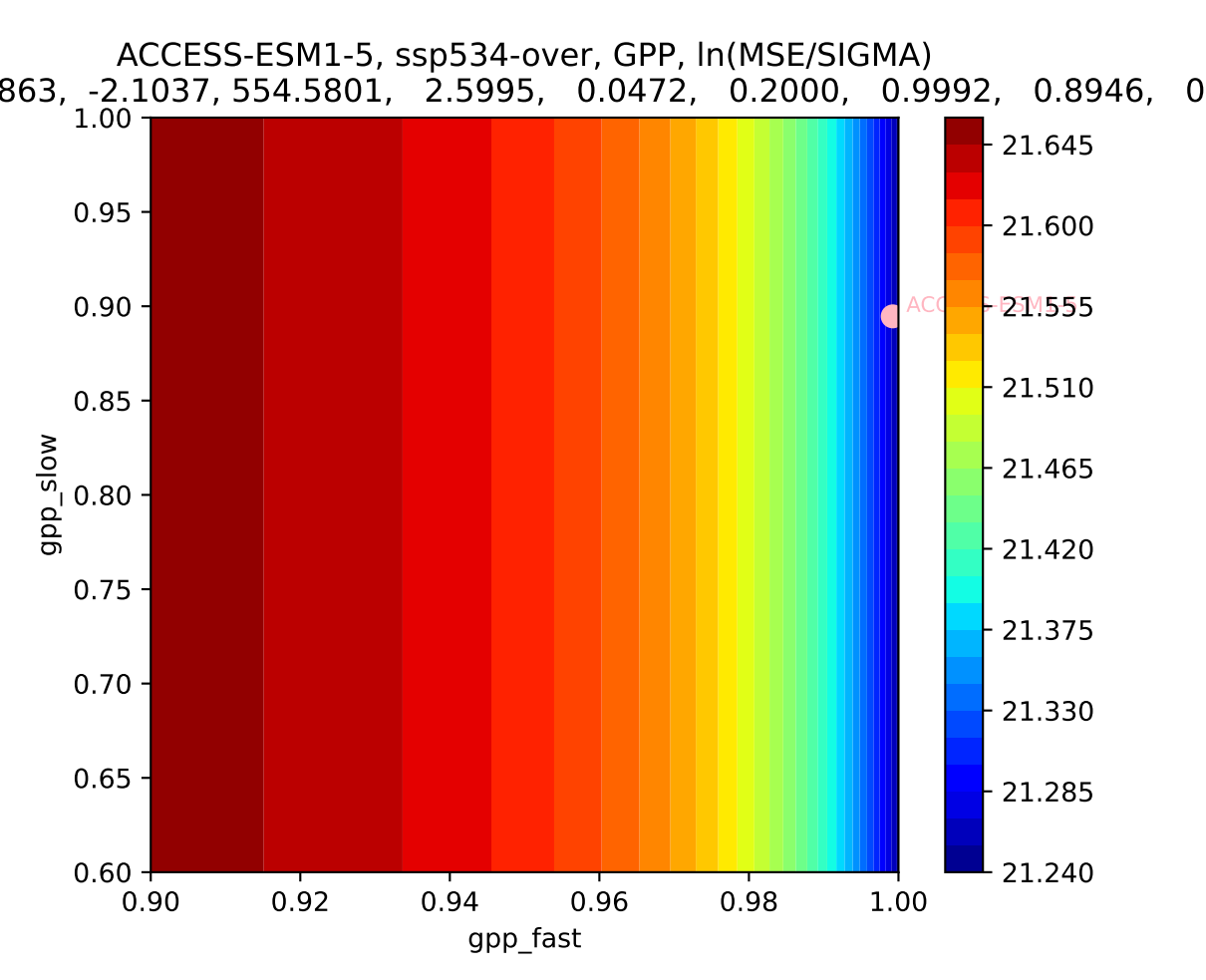

ACCESS-ESM1-5, ssp534-over, GPP
ESM
Fit
GPP
Year
ACCESS-ESM1-5, ssp534-over, GP
ESM-Fit
GPP, ESM - FIT
Year
ACCESS-ESM1-5, ssp534-over, GPP
ESM
Fit
GPP
ΔT
ACCESS-ESM1-5, ssp534-over, GP
ESM-Fit
GPP, ESM - FIT
ΔT
ACCESS-ESM1-5, ssp534-over, GPP
ESM
Fit
GPP
c_atm
ACCESS-ESM1-5, ssp534-over, GP
ESM-Fit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

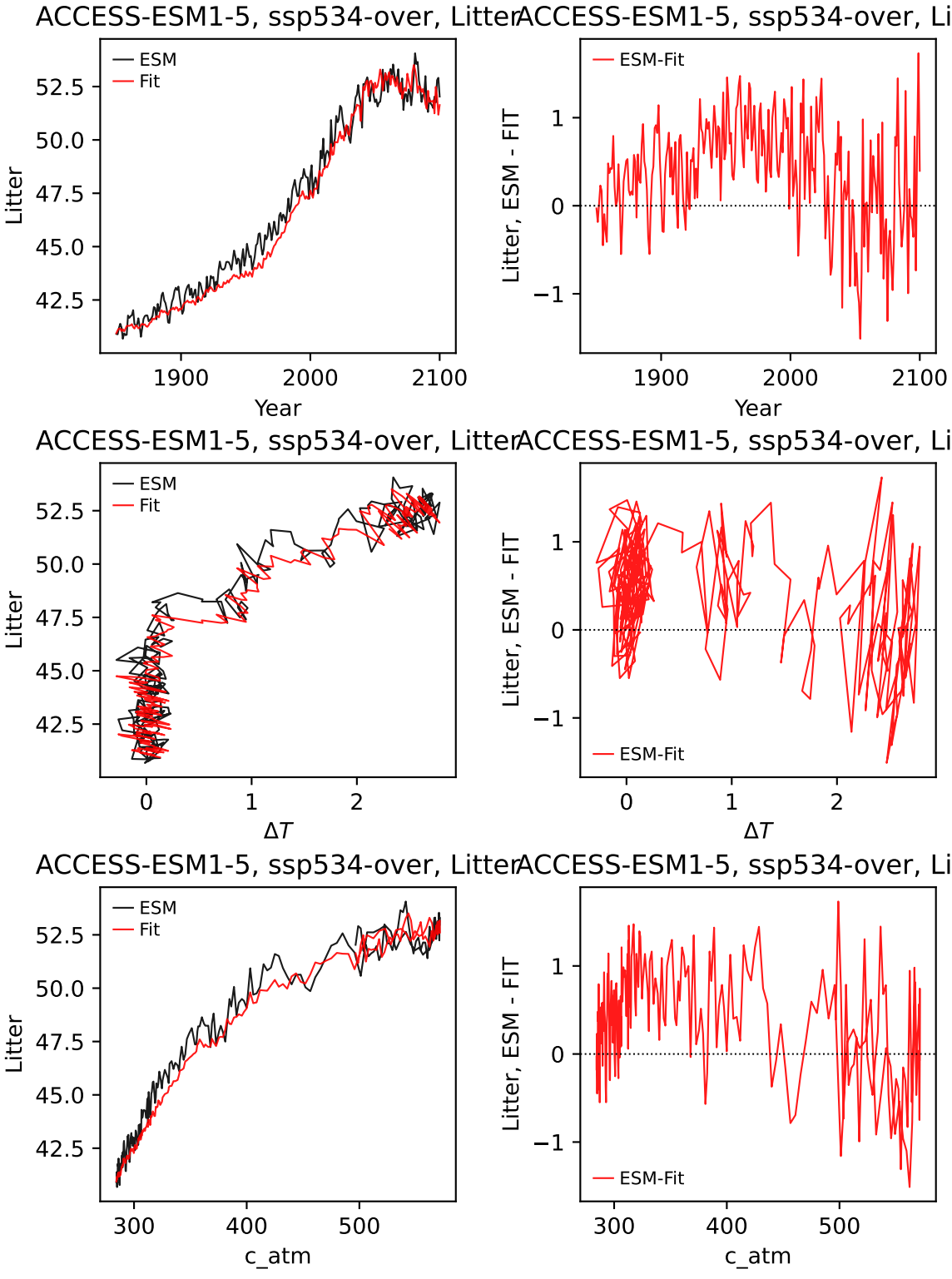

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
863, -2.1037, 554.5801, 2.5995, 0.0472, 0.2000, 0.9992, 0.8946, 0
ACCESS-ESM1-5
gpp_t_e
gpp_t_l
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
23.40
22.95
22.50
22.05
21.60
21.15
20.70
20.25

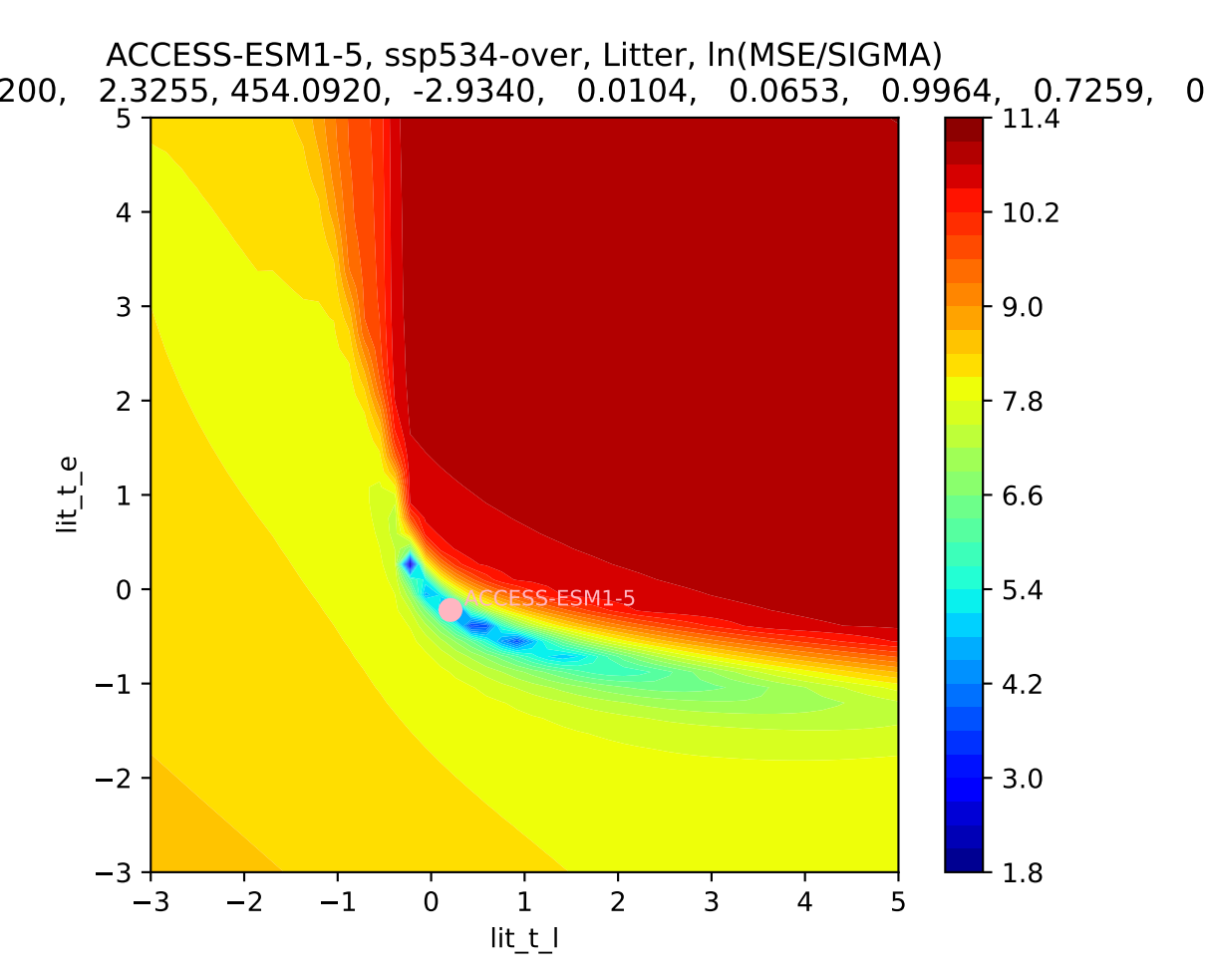

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
863, -2.1037, 554.5801, 2.5995, 0.0472, 0.2000, 0.9992, 0.8946, 0
gpp_c_half
gpp_c_l
ACCESS-ESM1-5
2000
1750
1500
1250
1000
750
500
250
0
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
21.88
21.76
21.64
21.52
21.40
21.28
21.16
21.04
20.92
20.80

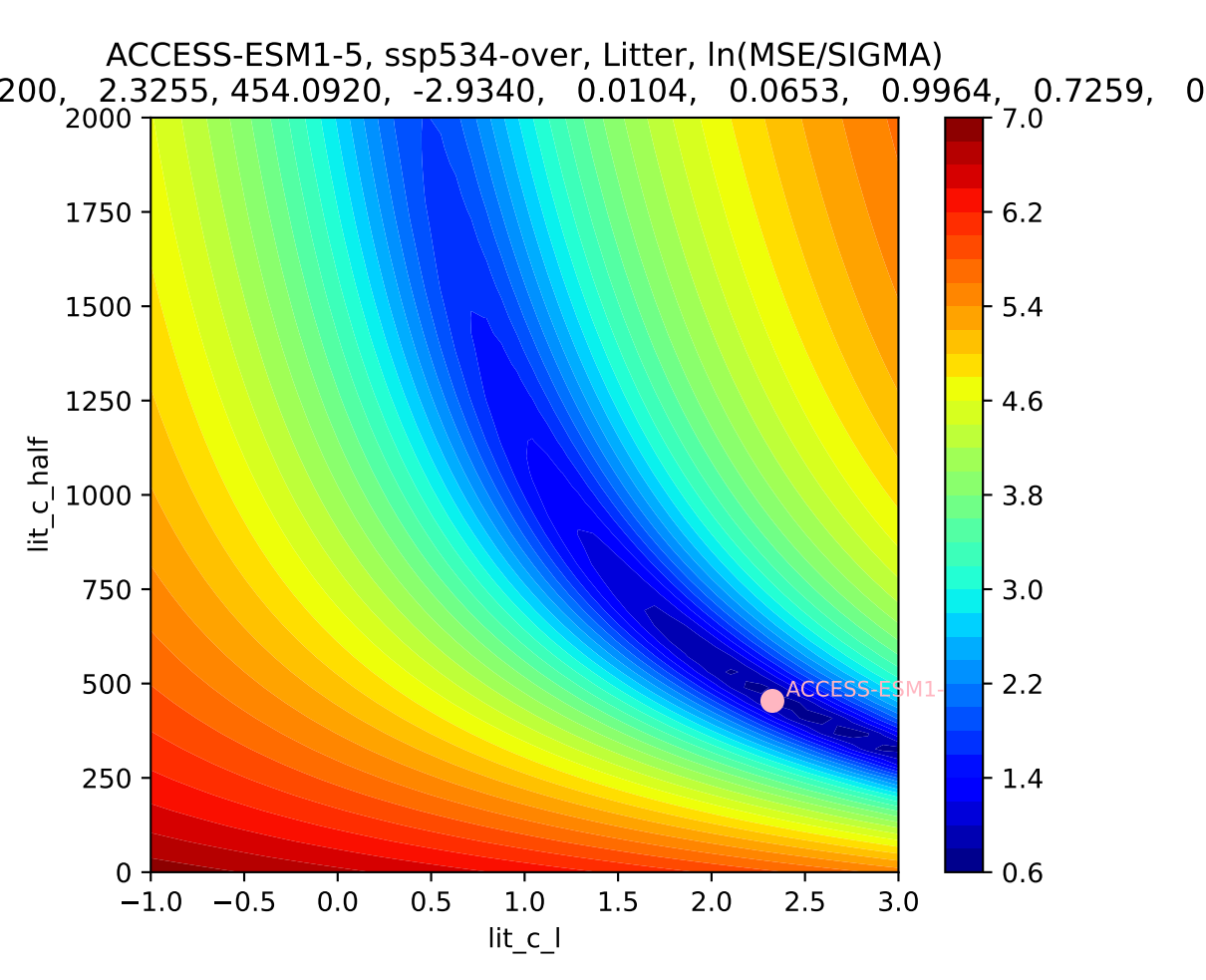

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
863, -2.1037, 554.5801, 2.5995, 0.0472, 0.2000, 0.9992, 0.8946, 0
gpp_hyst
gpp_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
23.25
22.80
22.35
21.90
21.45
21.00
20.55
20.10
19.65
19.20
ACCESS-ESM1-5

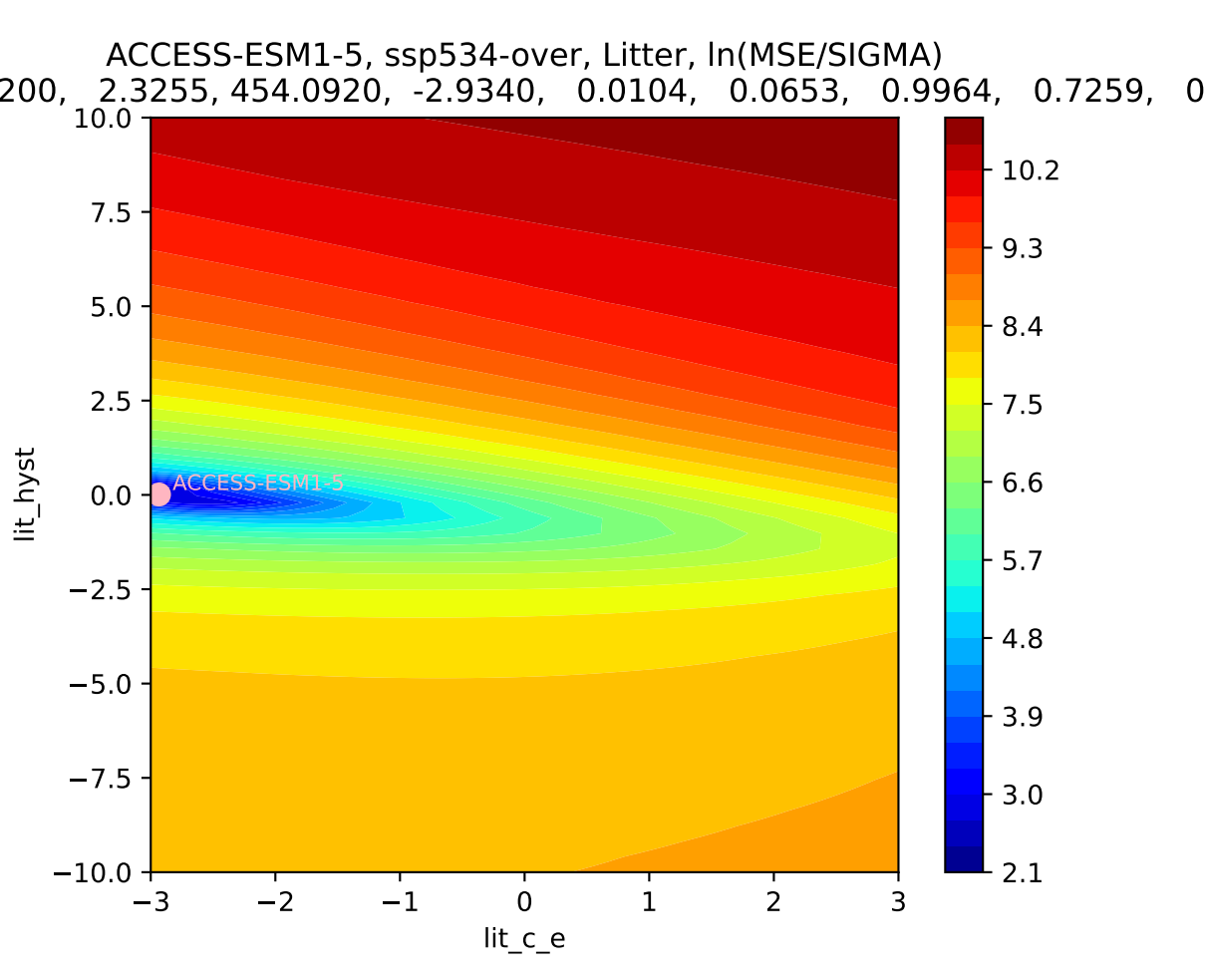

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
863, -2.1037, 554.5801, 2.5995, 0.0472, 0.2000, 0.9992, 0.8946, 0
gpp_c_tan2
gpp_c_tan
0.04
0.02
0.00
−0.02
−0.04
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
21.265
21.253
21.241
21.229
21.217
21.205
21.193
21.181
21.169

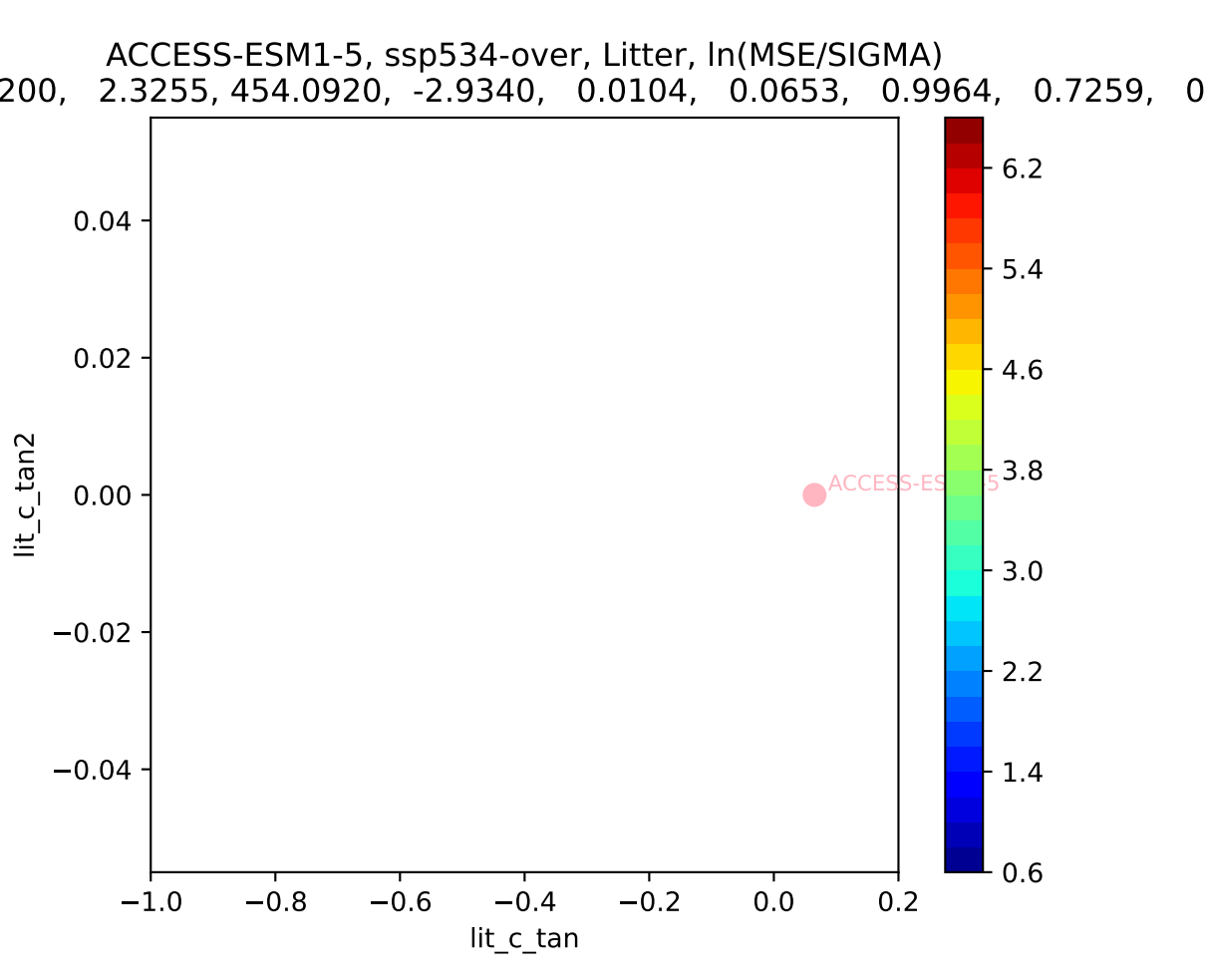

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
863, -2.1037, 554.5801, 2.5995, 0.0472, 0.2000, 0.9992, 0.8946, 0
gpp_slow
gpp_fast
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.90
0.92
0.94
0.96
0.98
1.00
21.645
21.600
21.555
21.510
21.465
21.420
21.375
21.330
21.285
21.240

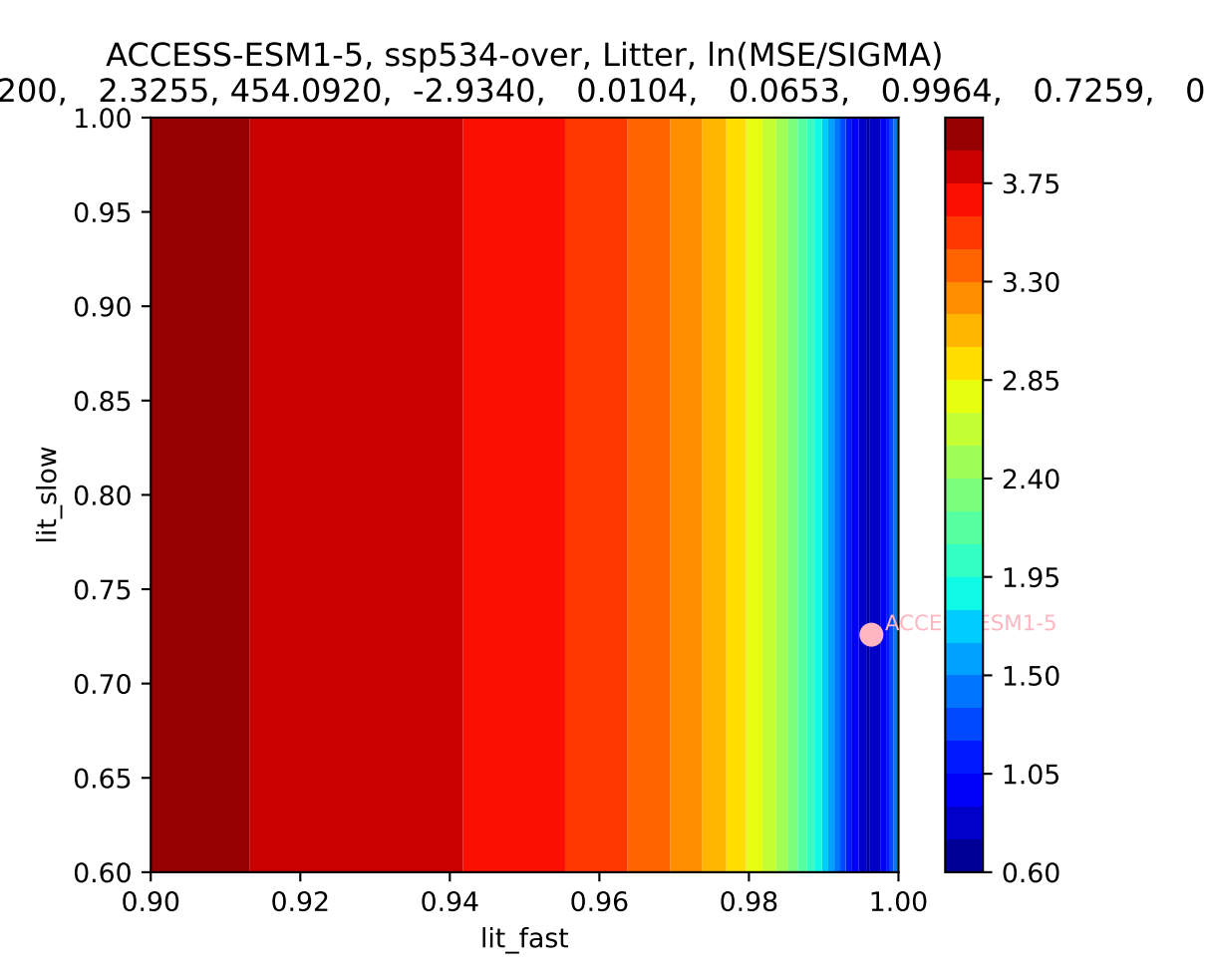

ACCESS-ESM1-5, ssp534-over, Litter
ESM
Fit
Litter
Year
ACCESS-ESM1-5, ssp534-over, Litt
ESM-Fit
Litter, ESM - FIT
Year
ACCESS-ESM1-5, ssp534-over, Litter
ESM
Fit
Litter
ΔT
ACCESS-ESM1-5, ssp534-over, Litt
ESM-Fit
Litter, ESM - FIT
ΔT
ACCESS-ESM1-5, ssp534-over, Litter
ESM
Fit
Litter
c_atm
ACCESS-ESM1-5,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

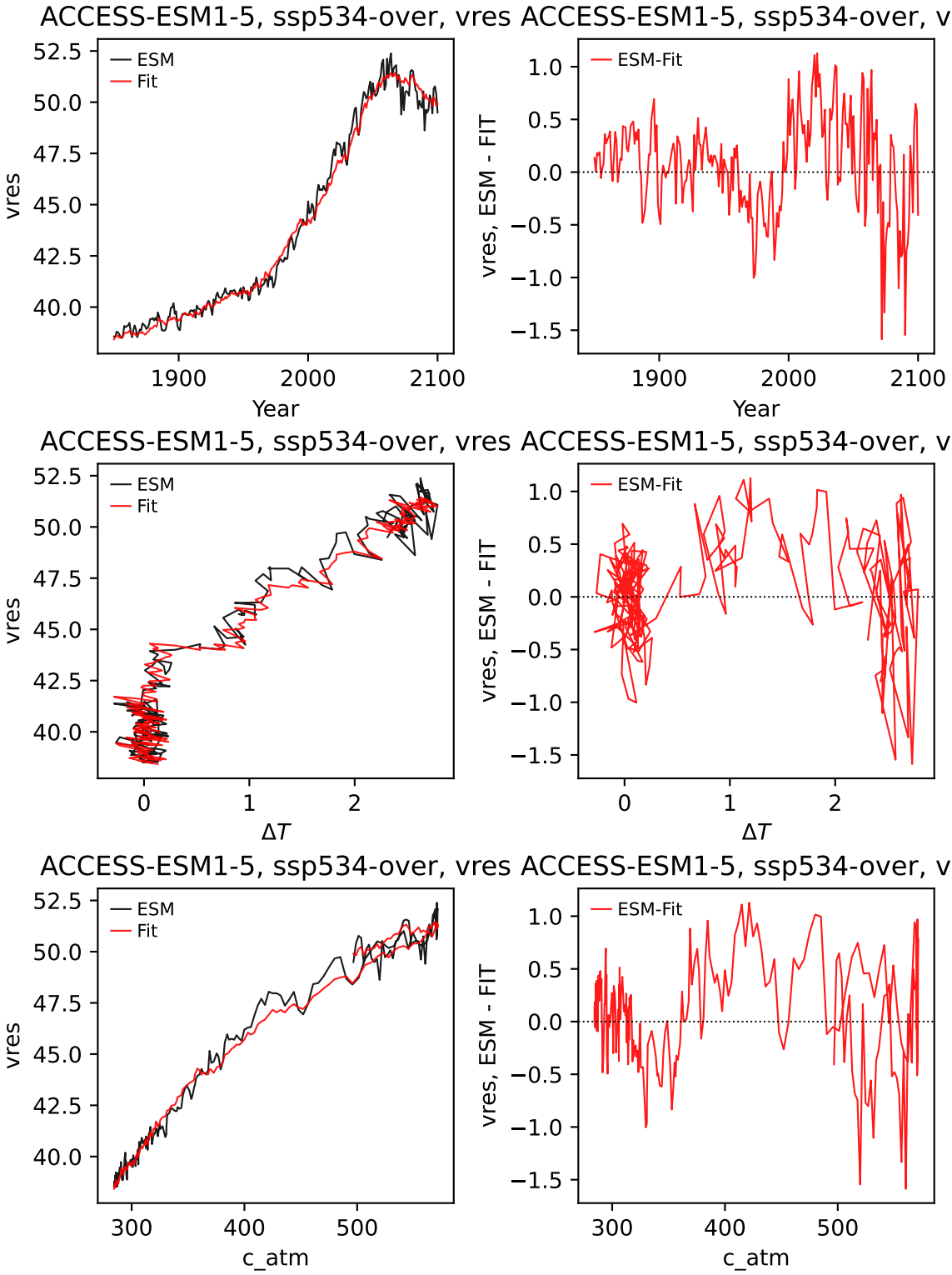

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
200, 2.3255, 454.0920, -2.9340, 0.0104, 0.0653, 0.9964, 0.7259, 0
ACCESS-ESM1-5
lit_t_e
lit_t_l
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
11.4
10.2
9.0
7.8
6.6
5.4
4.2
3.0
1.8

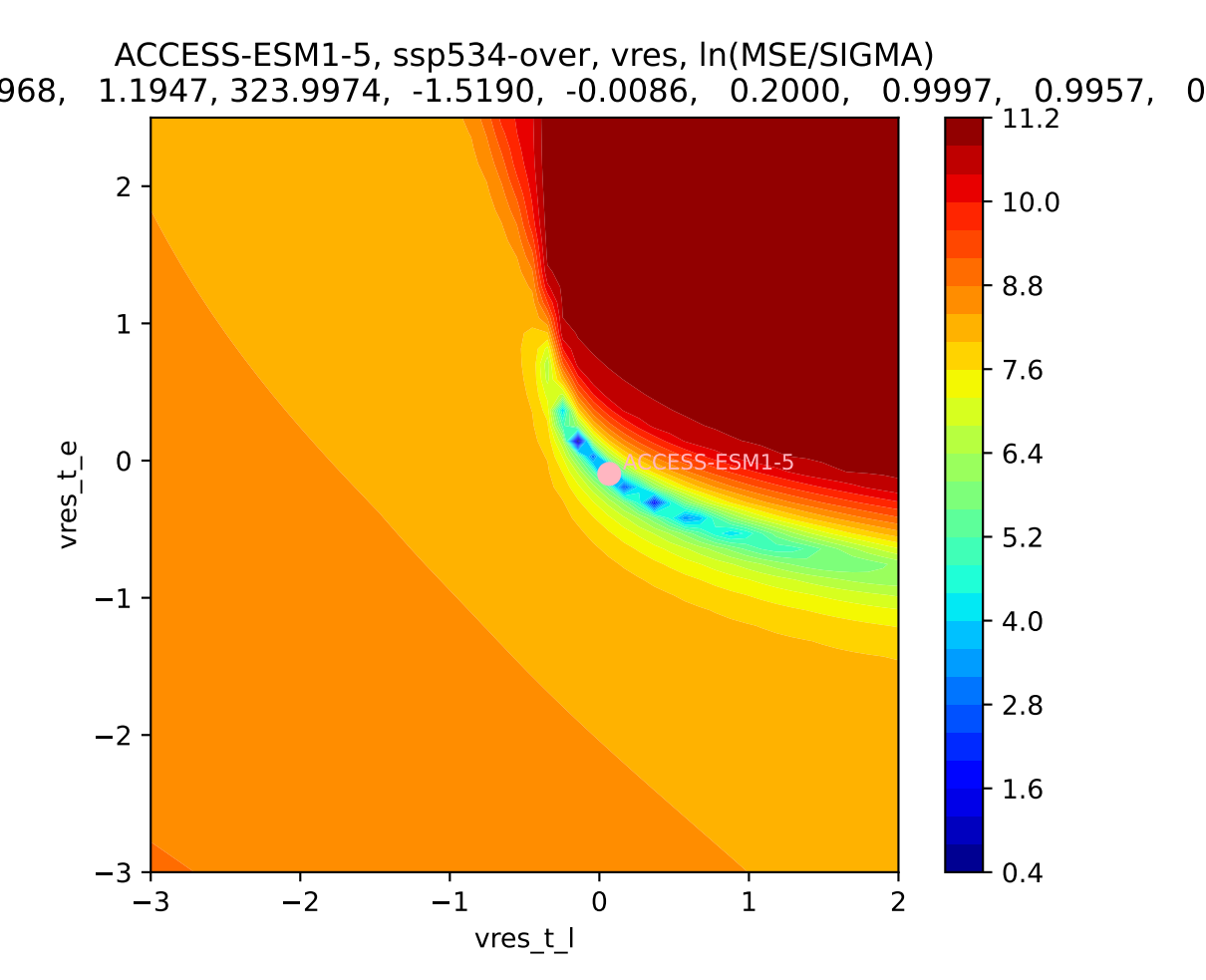

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
200, 2.3255, 454.0920, -2.9340, 0.0104, 0.0653, 0.9964, 0.7259, 0
lit_c_half
lit_c_l
ACCESS-ESM1-
2000
1750
1500
1250
1000
750
500
250
0
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
7.0
6.2
5.4
4.6
3.8
3.0
2.2
1.4
0.6

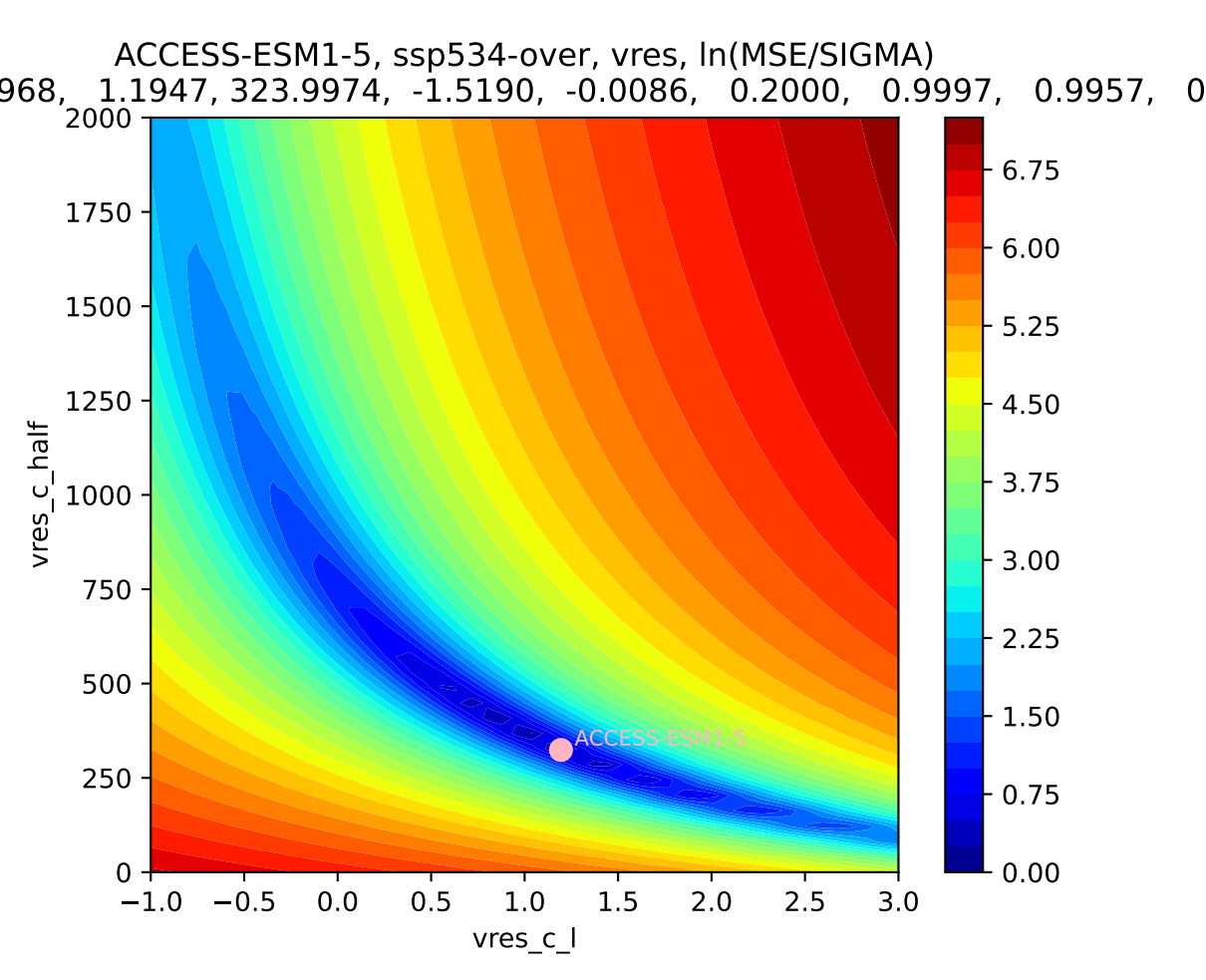

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
200, 2.3255, 454.0920, -2.9340, 0.0104, 0.0653, 0.9964, 0.7259, 0
ACCESS-ESM1-5
lit_hyst
lit_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
10.2
9.3
8.4
7.5
6.6
5.7
4.8
3.9
3.0
2.1

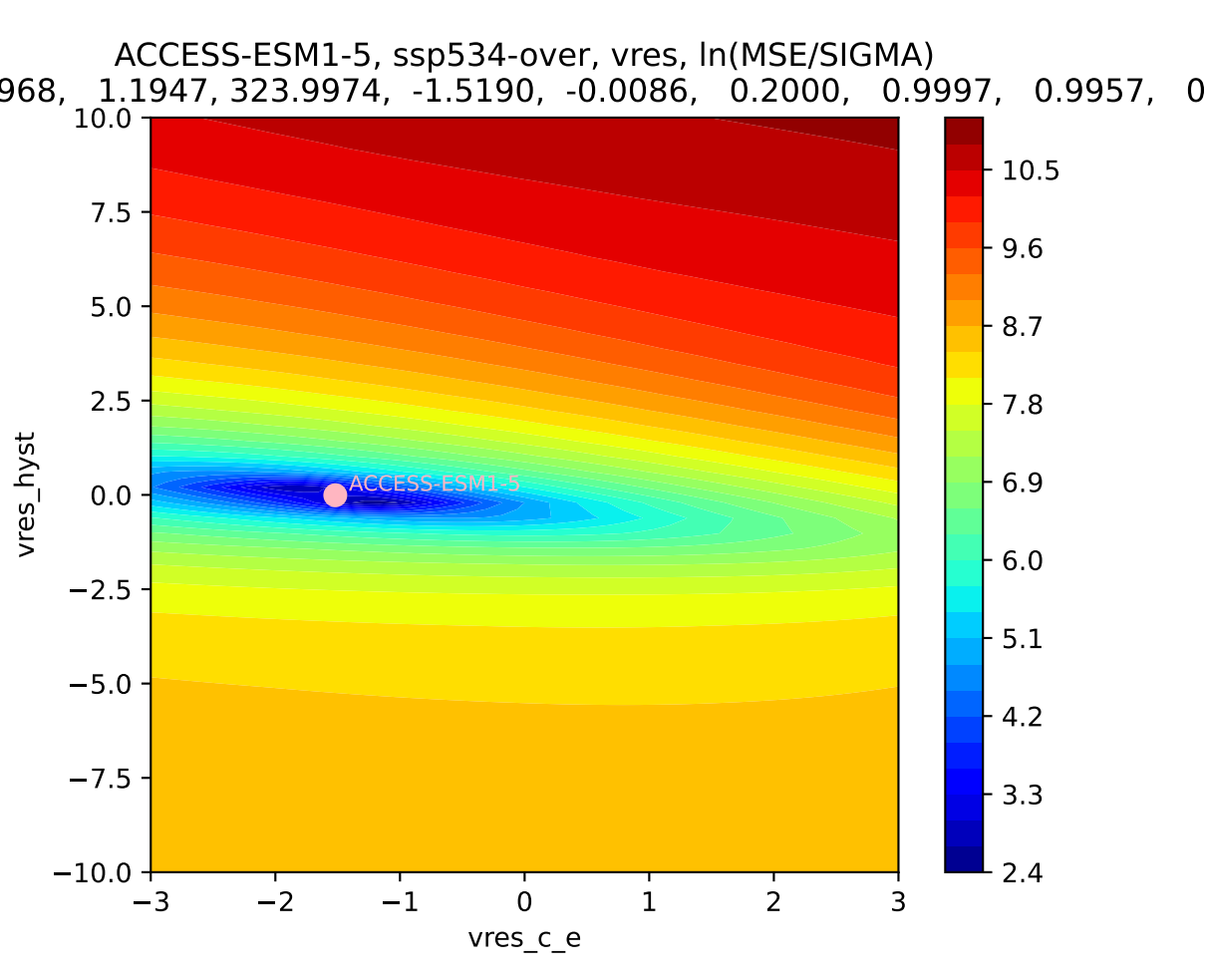

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
200, 2.3255, 454.0920, -2.9340, 0.0104, 0.0653, 0.9964, 0.7259, 0
0.04
0.02
0.00
−0.02
−0.04
lit_c_tan2
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
lit_c_tan
6.2
5.4
4.6
3.8
3.0
2.2
1.4
0.6

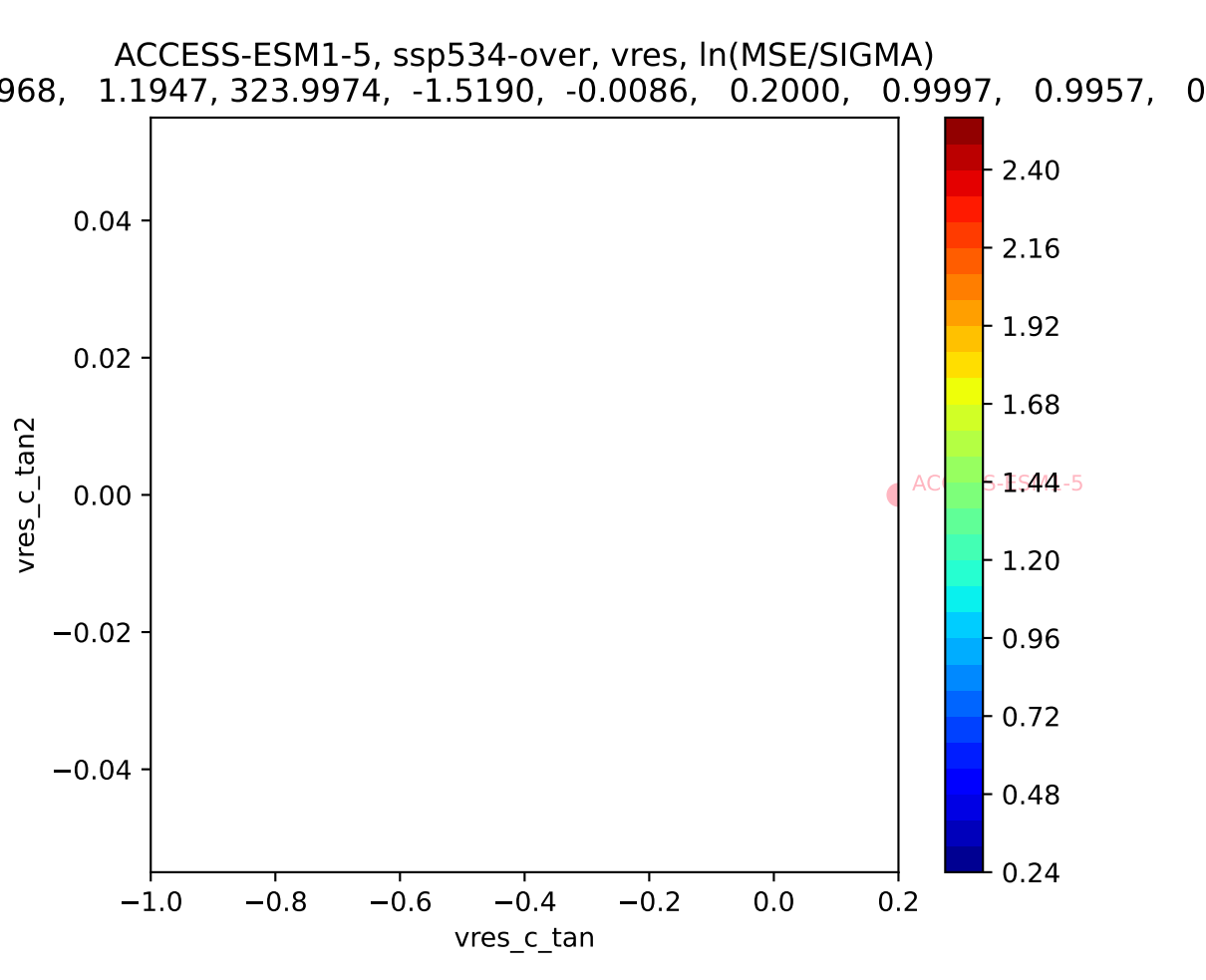

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
200, 2.3255, 454.0920, -2.9340, 0.0104, 0.0653, 0.9964, 0.7259, 0
lit_slow
lit_fast
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.90
0.92
0.94
0.96
0.98
1.00
3.75
3.30
2.85
2.40
1.95
1.50
1.05
0.60
ACCE
SM1-5

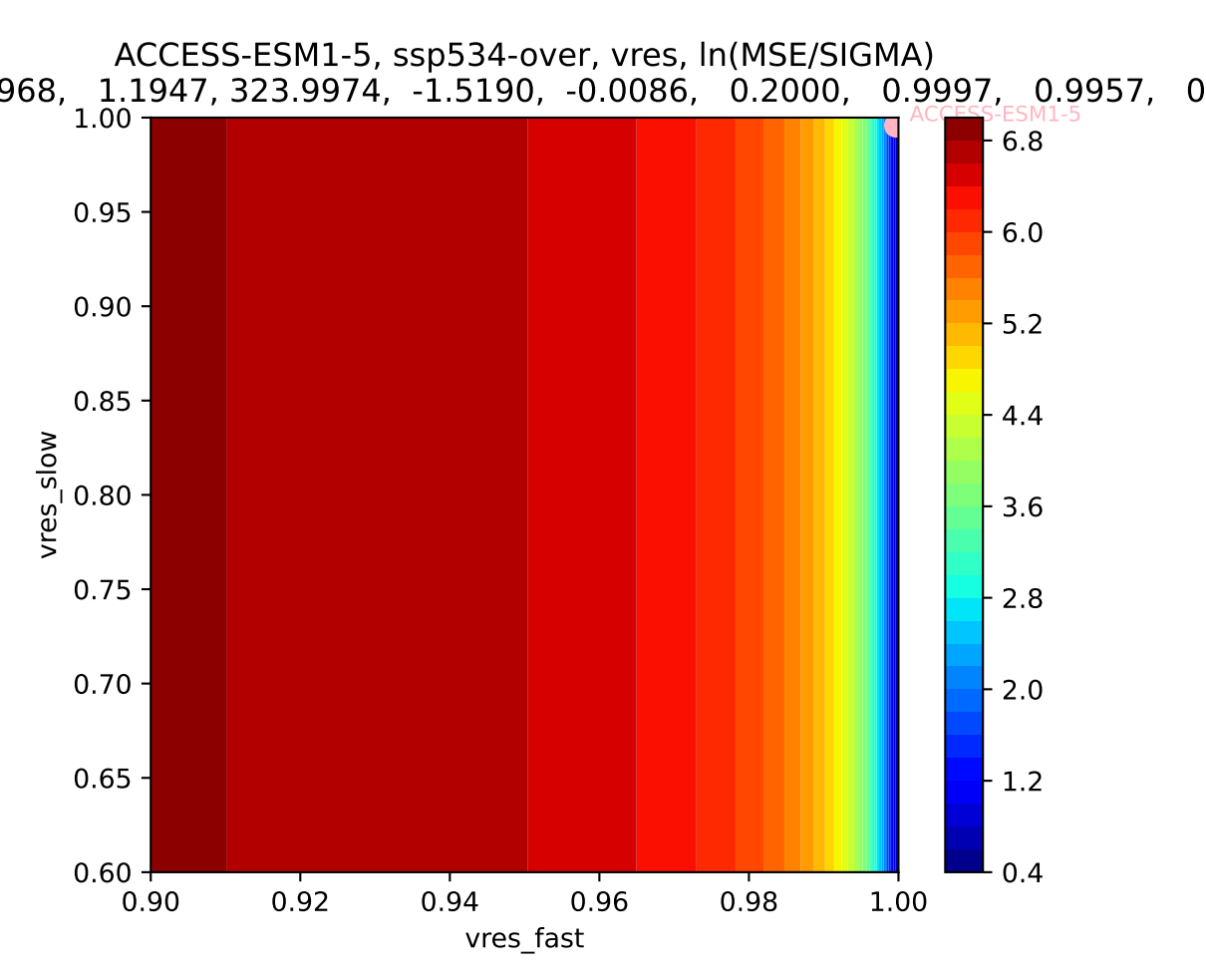

ACCESS-ESM1-5, ssp534-over, vres ACCESS-ESM1-5, ssp534-over, vr
ESM
Fit
vres
Year
ESM-Fit
vres, ESM - FIT
ACCESS-ESM1-5, ssp534-over, vres ACCESS-ESM1-5, ssp534-over, vr
ΔT
ACCESS-ESM1-5, ssp534-over, vres ACCESS-ESM1-5, ssp534-over, vr
c_atm

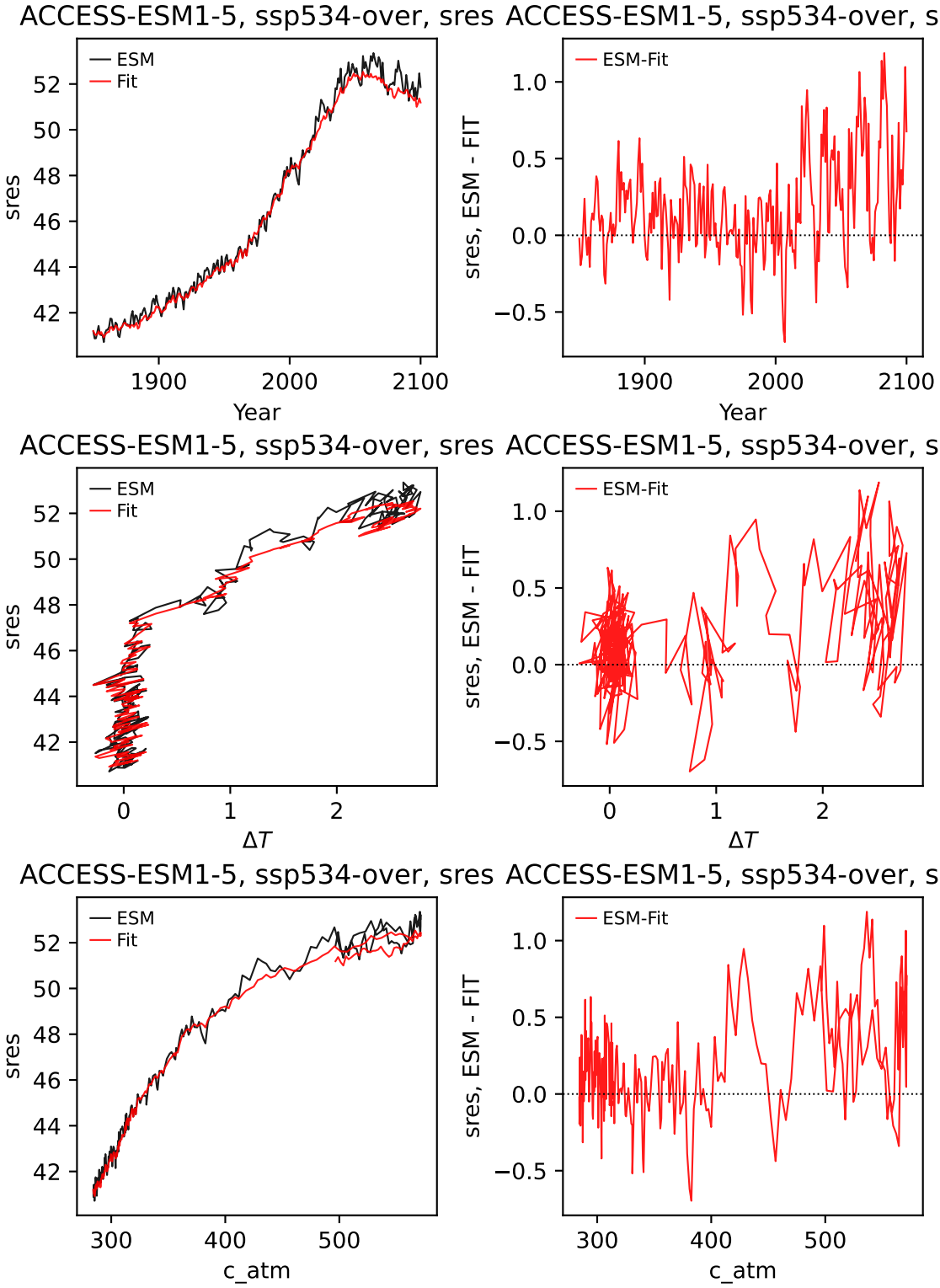

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
968, 1.1947, 323.9974, -1.5190, -0.0086, 0.2000, 0.9997, 0.9957, 0
ACCESS-ESM1-5
vres_t_e
vres_t_l
−3
−2
−1
0
1
2
11.2
10.0
8.8
7.6
6.4
5.2
4.0
2.8
1.6
0.4

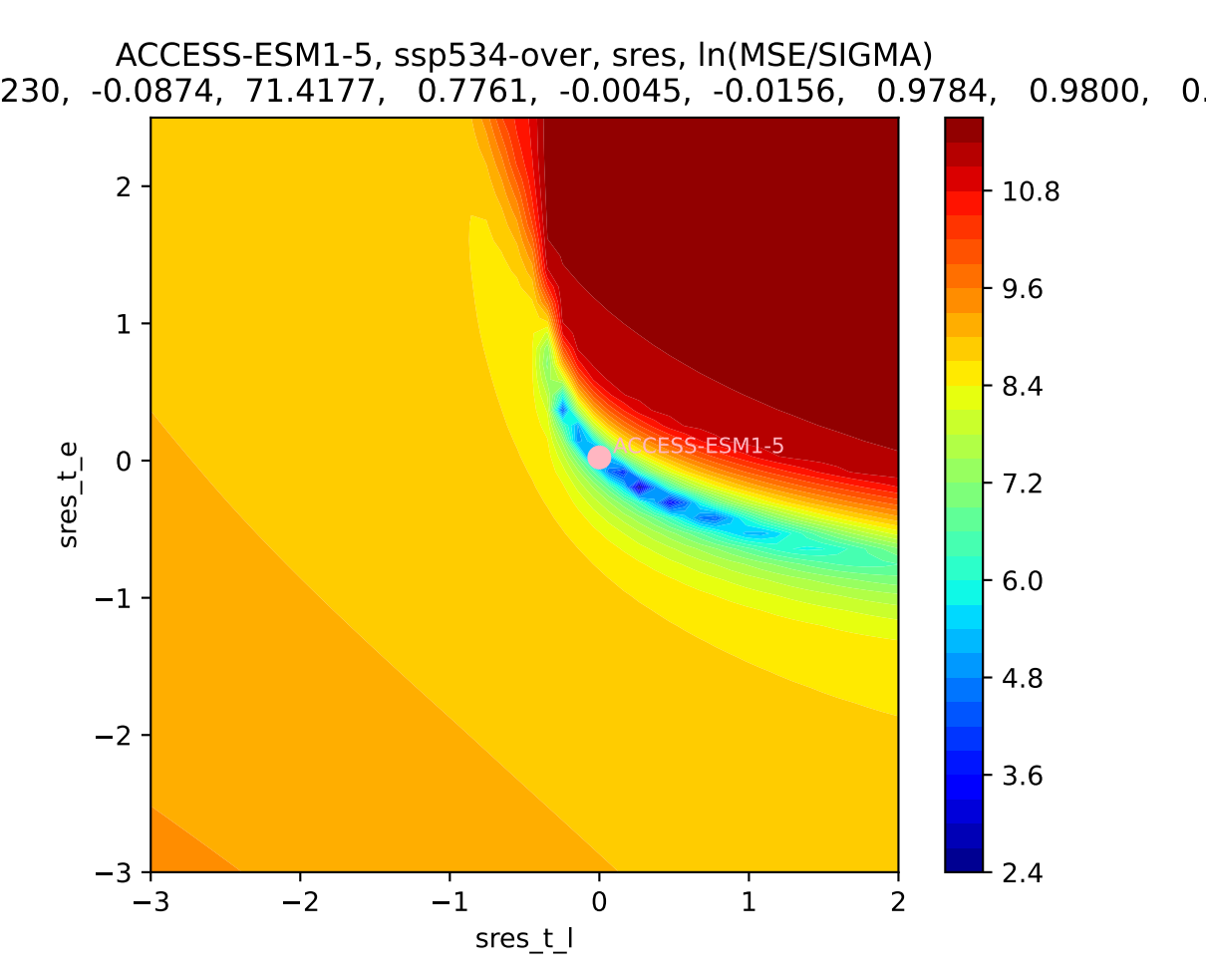

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
968, 1.1947, 323.9974, -1.5190, -0.0086, 0.2000, 0.9997, 0.9957, 0
vres_c_half
vres_c_l
ACCESS-ESM1-5
2000
1750
1500
1250
1000
750
500
250
0
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
6.75
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00

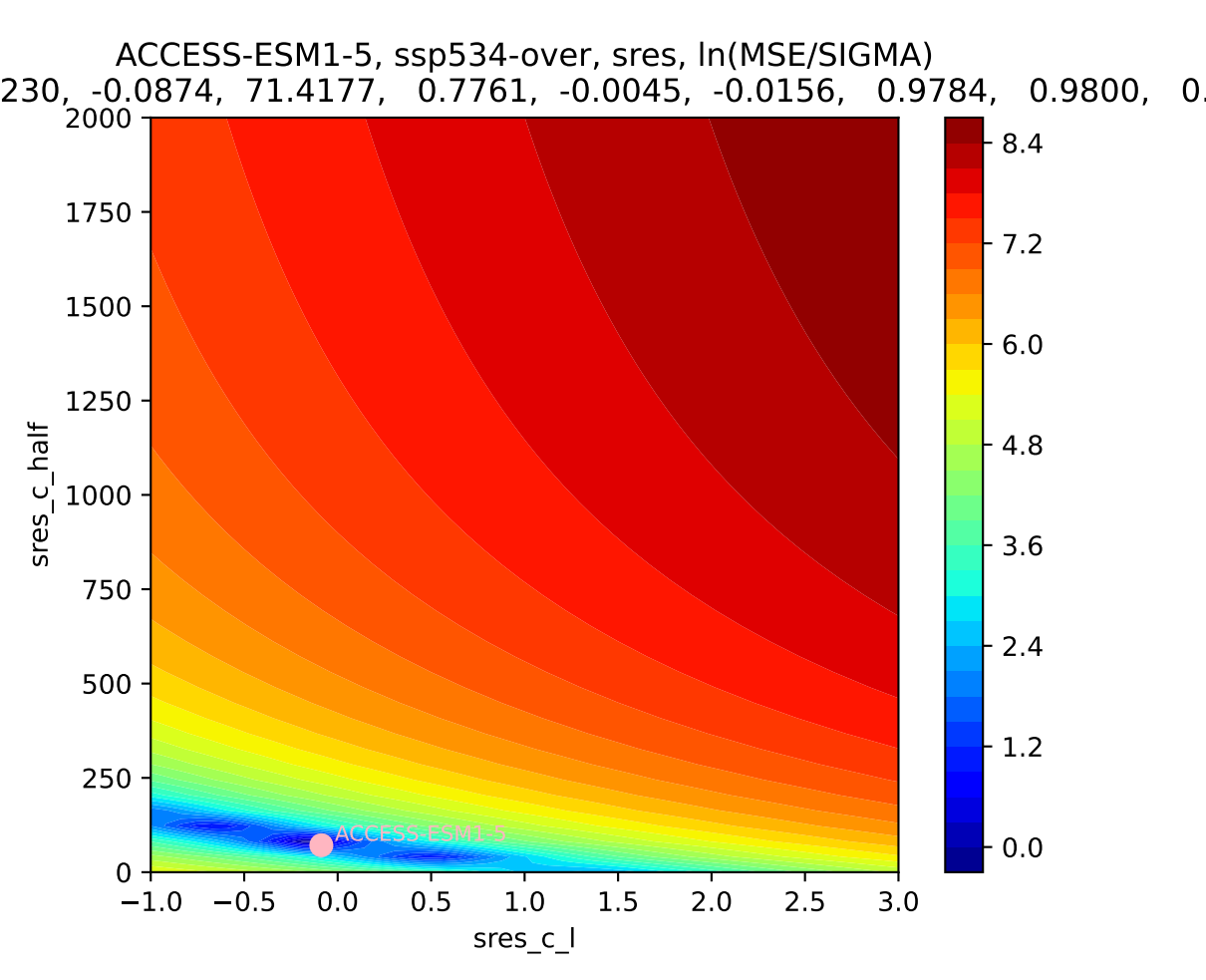

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
968, 1.1947, 323.9974, -1.5190, -0.0086, 0.2000, 0.9997, 0.9957, 0
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
vres_hyst
ACCESS-ESM1-5
−3
−2
−1
0
1
2
3
vres_c_e
10.5
9.6
8.7
7.8
6.9
6.0
5.1
4.2
3.3
2.4

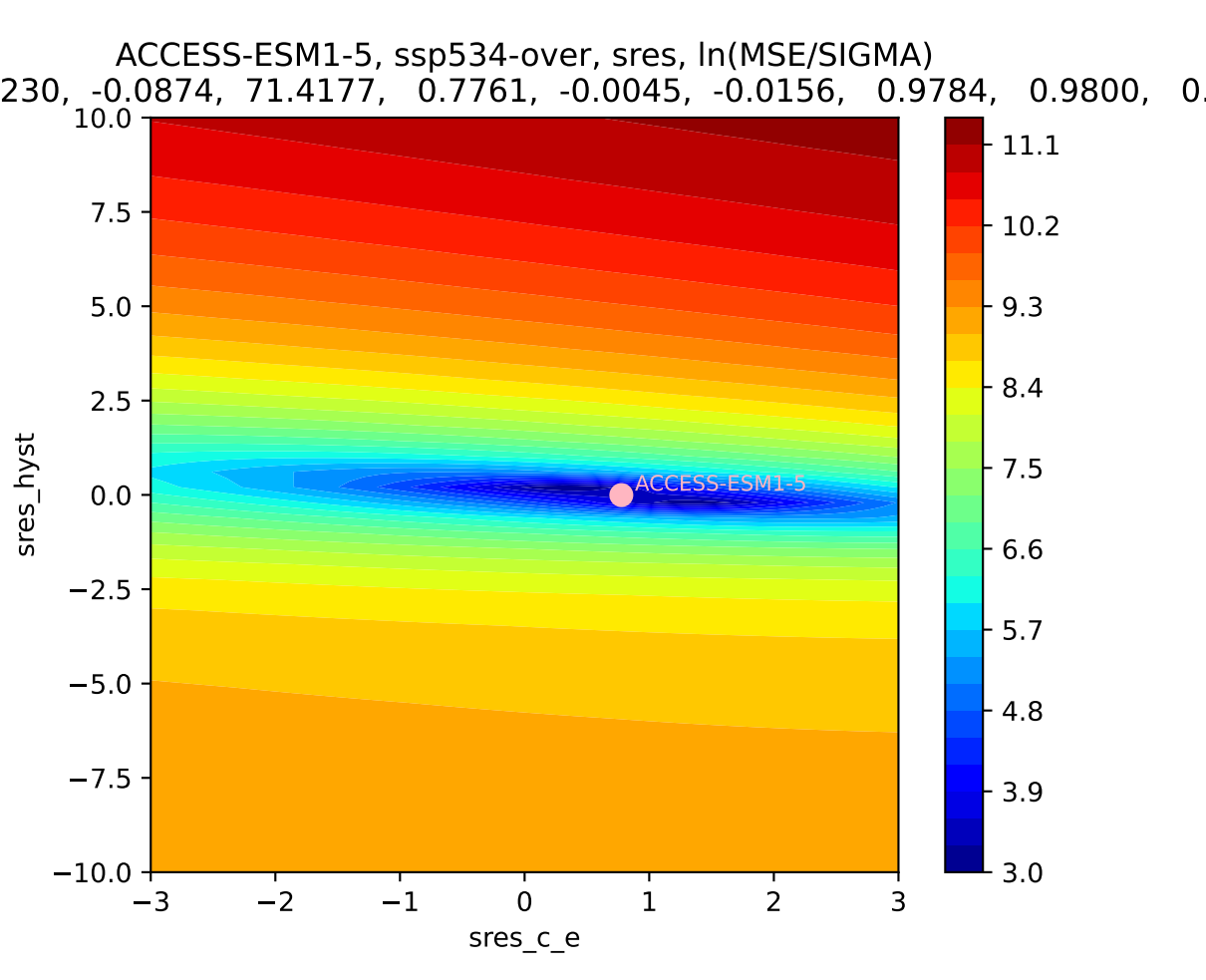

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
968, 1.1947, 323.9974, -1.5190, -0.0086, 0.2000, 0.9997, 0.9957, 0
0.04
0.02
0.00
−0.02
−0.04
vres_c_tan2
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
vres_c_tan
2.40
2.16
1.92
1.68
1.44
1.20
0.96
0.72
0.48
0.24

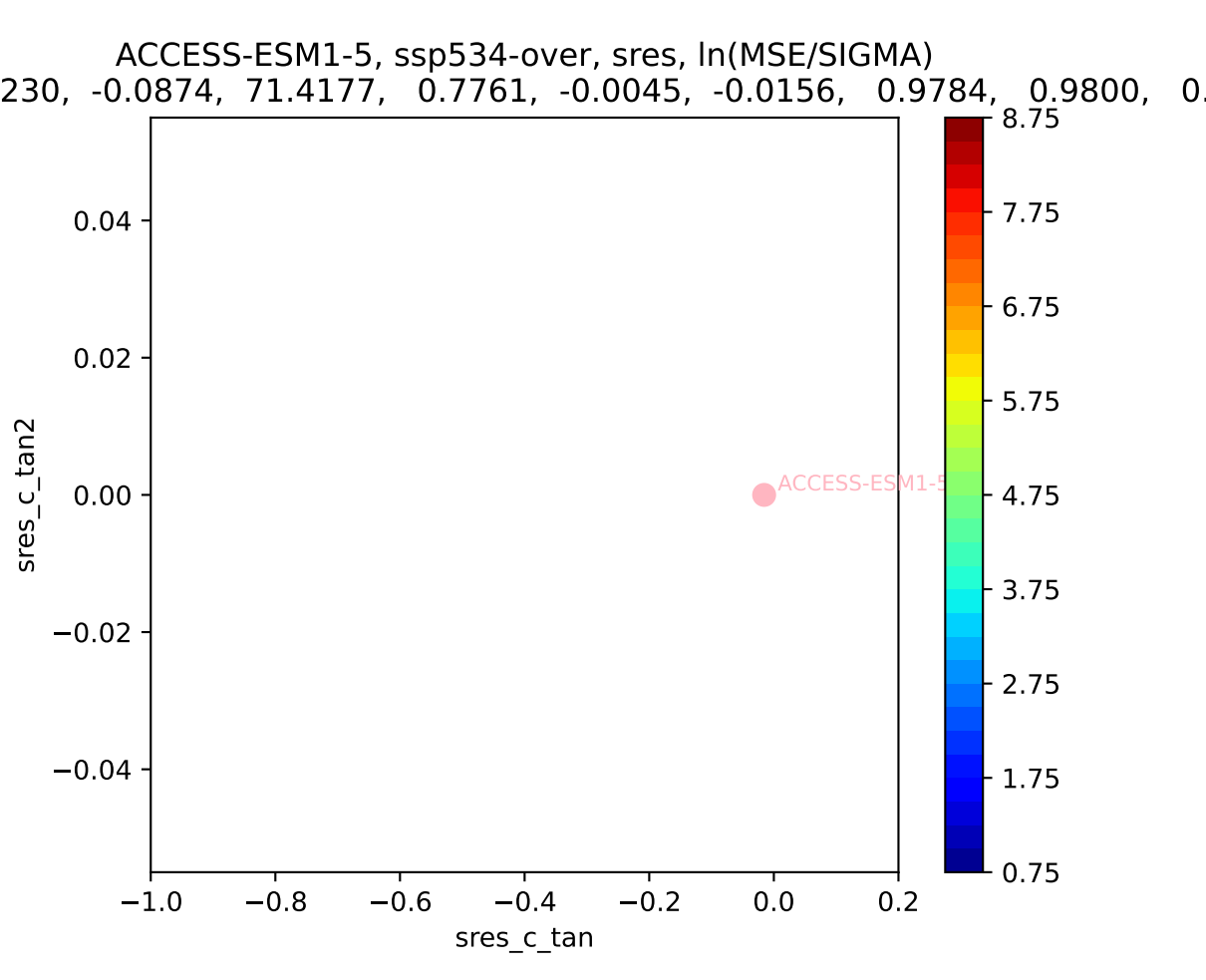

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
968, 1.1947, 323.9974, -1.5190, -0.0086, 0.2000, 0.9997, 0.9957, 0
ACCESS-ESM1-5
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
vres_slow
0.90
0.92
0.94
0.96
0.98
1.00
vres_fast
6.8
6.0
5.2
4.4
3.6
2.8
2.0
1.2
0.4

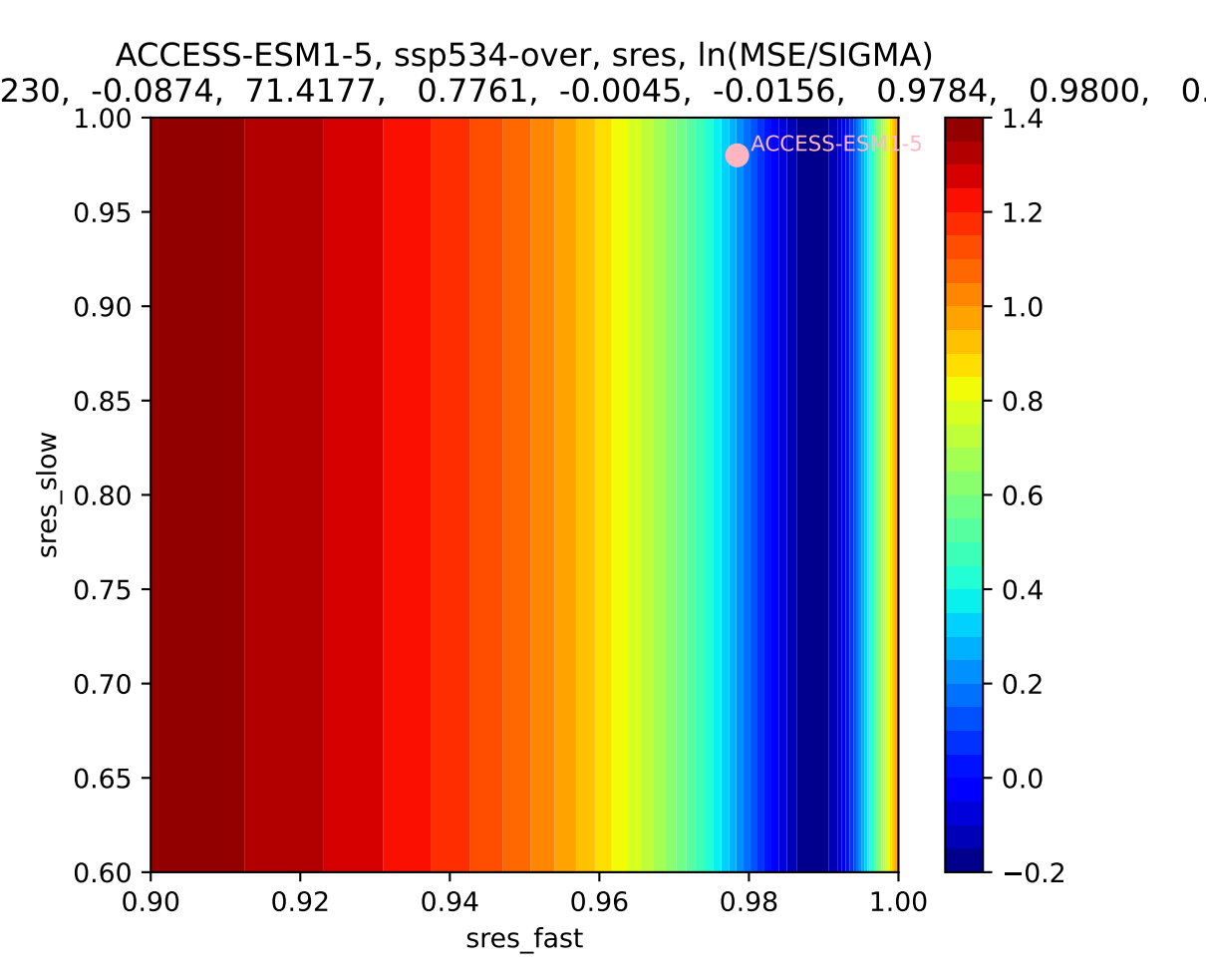

ACCESS-ESM1-5, ssp534-over, sres
ESM
Fit
sres
Year
ACCESS-ESM1-5, ssp534-over, sres
ESM-Fit
sres, ESM - FIT
Year
ACCESS-ESM1-5, ssp534-over, sres
ESM
Fit
sres
ΔT
ACCESS-ESM1-5, ssp534-over, sres
ESM-Fit
sres, ESM - FIT
ΔT
ACCESS-ESM1-5, ssp534-over, sres
ESM
Fit
sres
c_atm
ACCESS-ESM1-5, ssp534-over,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

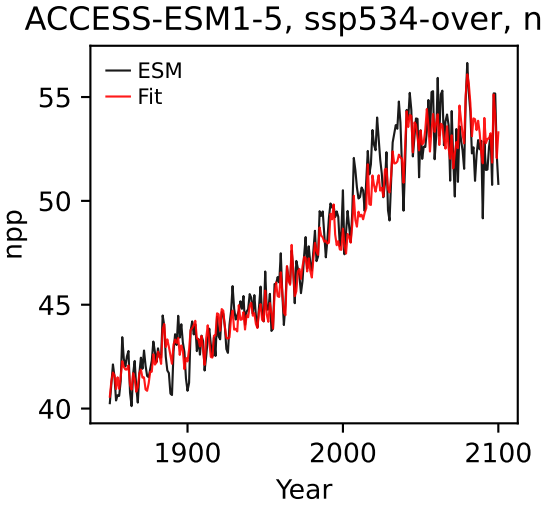

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
230, -0.0874, 71.4177, 0.7761, -0.0045, -0.0156, 0.9784, 0.9800, 0.
ACCESS-ESM1-5
sres_t_e
sres_t_l
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
10.8
9.6
8.4
7.2
6.0
4.8
3.6
2.4

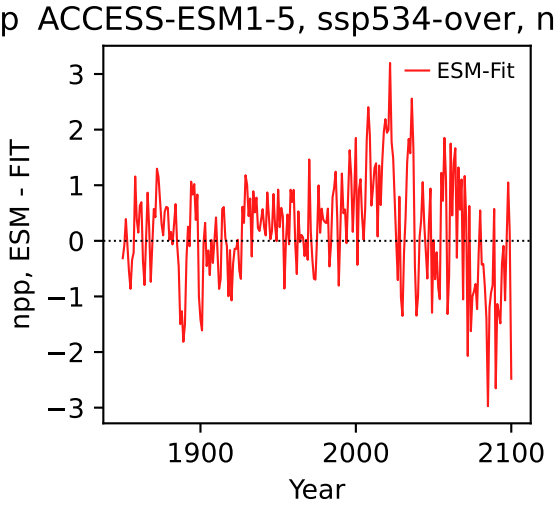

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
230, -0.0874, 71.4177, 0.7761, -0.0045, -0.0156, 0.9784, 0.9800, 0.
2000
1750
1500
1250
1000
750
500
250
0
sres_c_half
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
sres_c_l
ACCESS-ESM1-5
8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0

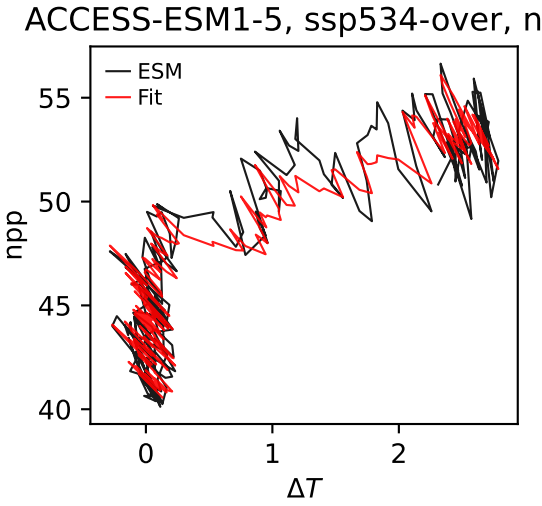

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
230, -0.0874, 71.4177, 0.7761, -0.0045, -0.0156, 0.9784, 0.9800, 0.
ACCESS-ESM1-5
sres_hyst
sres_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
11.1
10.2
9.3
8.4
7.5
6.6
5.7
4.8
3.9
3.0

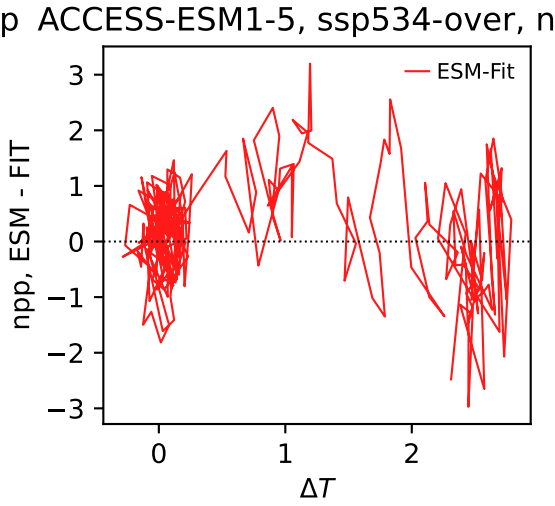

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
230, -0.0874, 71.4177, 0.7761, -0.0045, -0.0156, 0.9784, 0.9800, 0.
ACCESS-ESM1-5
0.04
0.02
0.00
−0.02
−0.04
sres_c_tan2
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
sres_c_tan
8.75
7.75
6.75
5.75
4.75
3.75
2.75
1.75
0.75

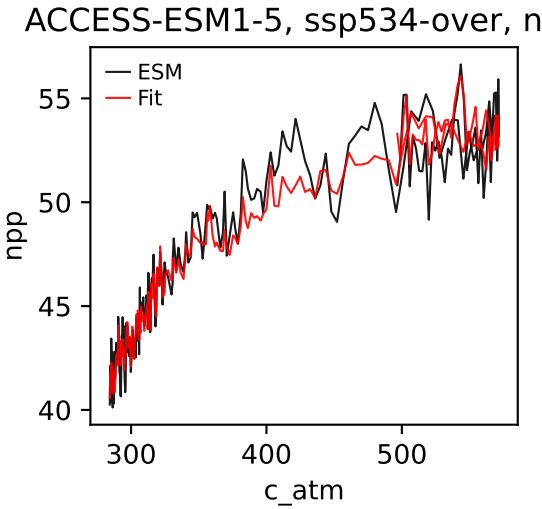

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
230, -0.0874, 71.4177, 0.7761, -0.0045, -0.0156, 0.9784, 0.9800, 0.
ACCESS-ESM1-5
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
sres_slow
0.90
0.92
0.94
0.96
0.98
1.00
sres_fast
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2

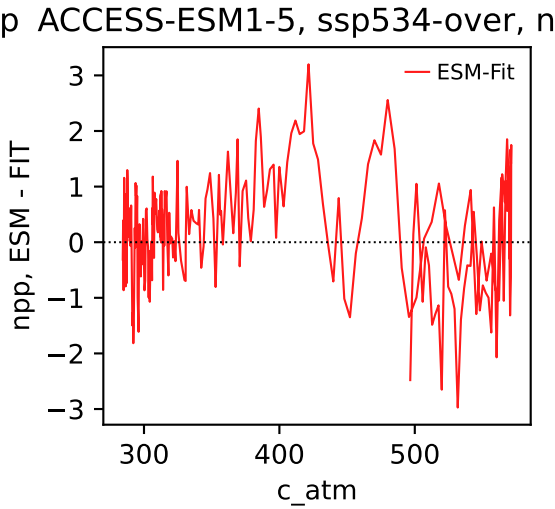

ACCESS-ESM1-5, ssp534-over, npp
ESM
Fit
npp
Year

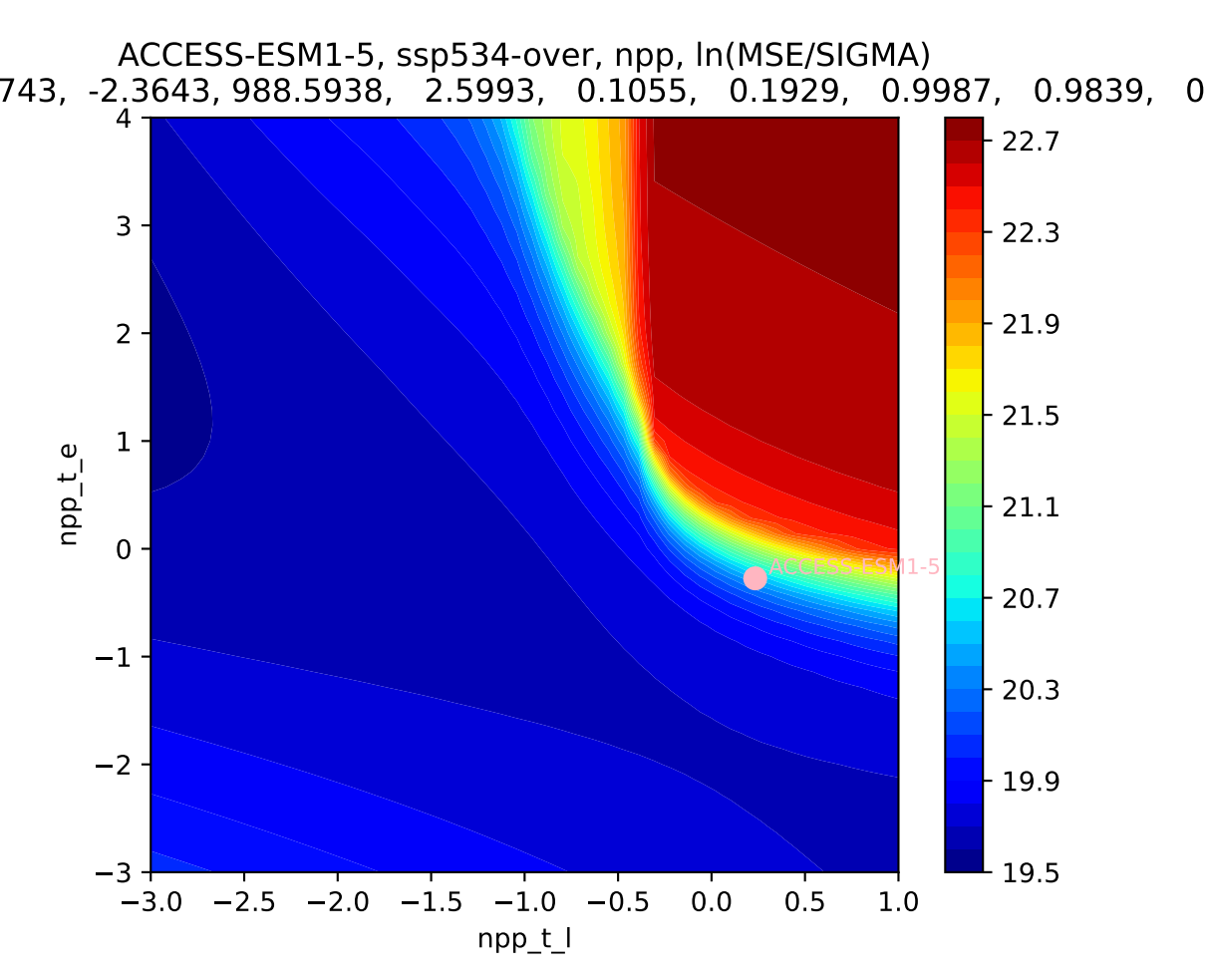

ACCESS-ESM1-5, ssp534-over, np
ESM-Fit
npp, ESM - FIT
Year

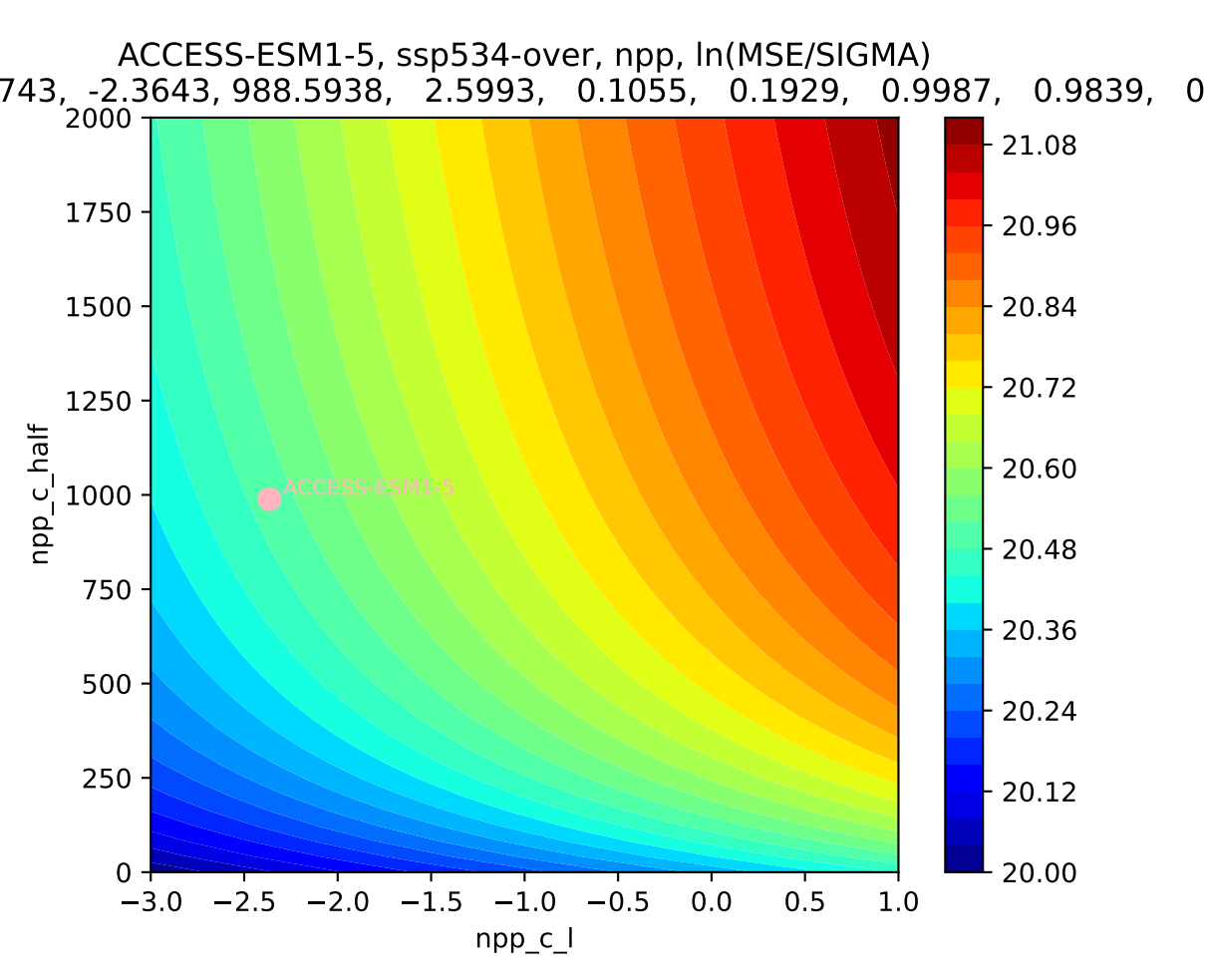

ACCESS-ESM1-5, ssp534-over, npp
ESM
Fit
npp
ΔT

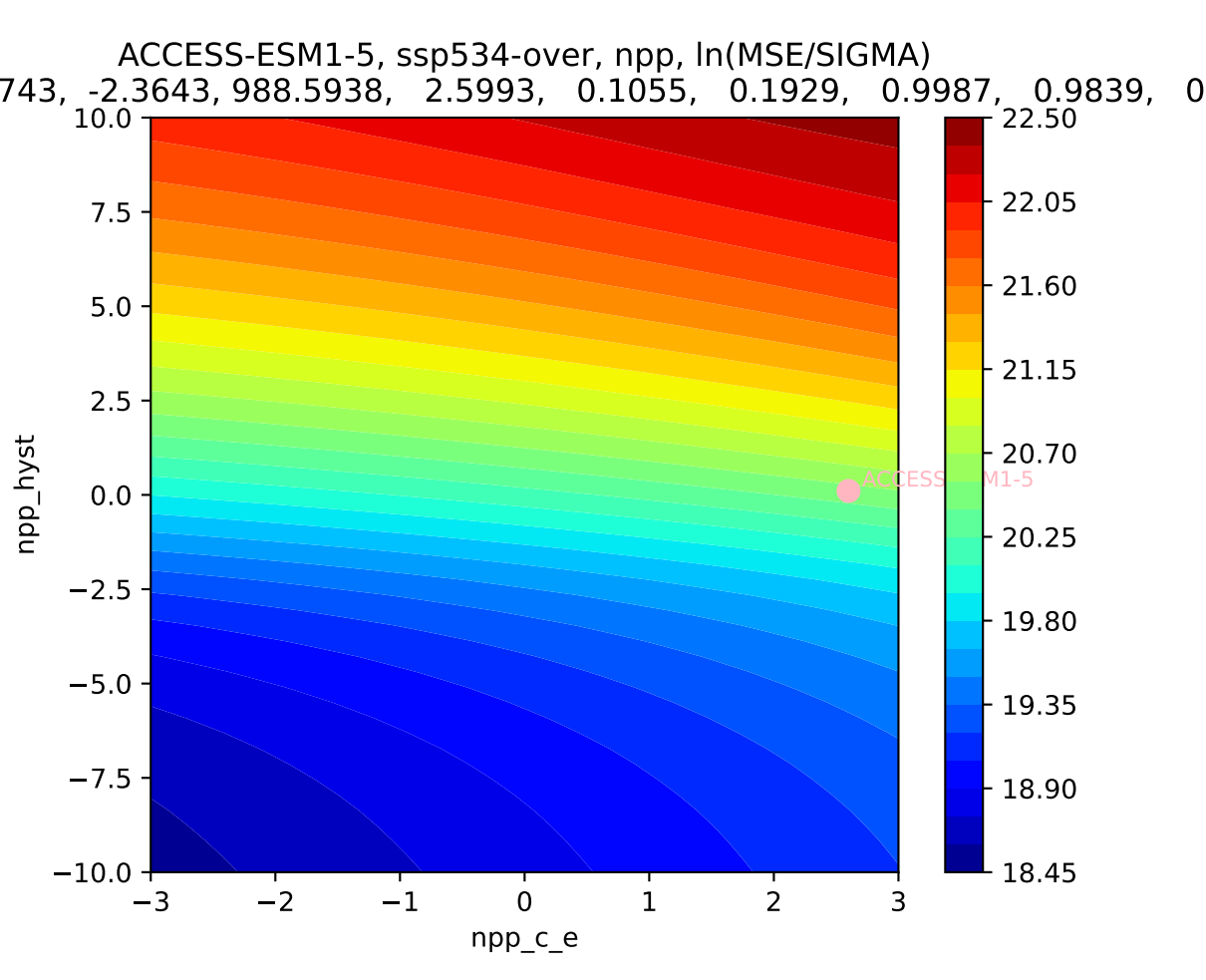

ACCESS-ESM1-5, ssp534-over, np
ESM-Fit
npp, ESM - FIT
ΔT

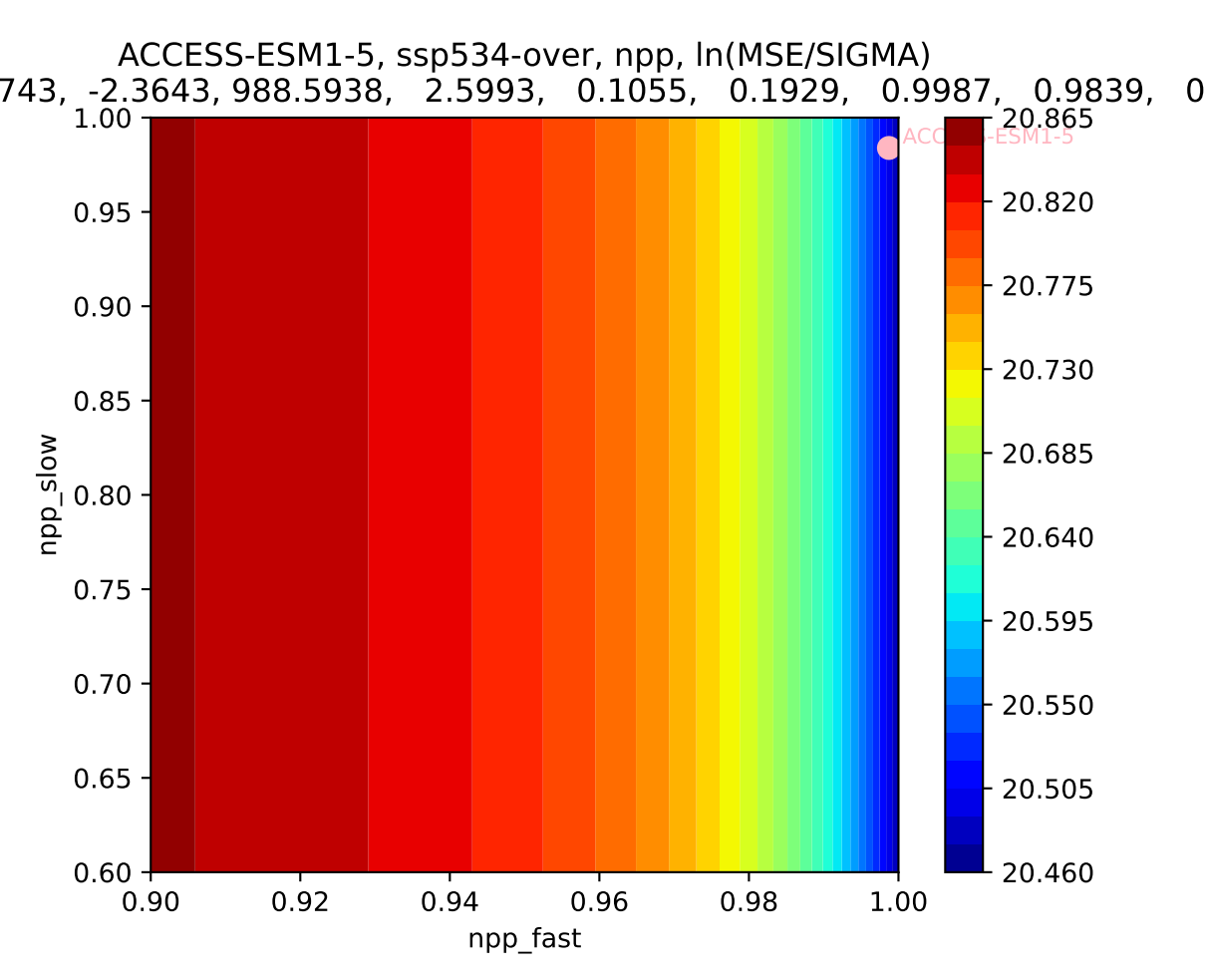

ACCESS-ESM1-5, ssp534-over, npp
ESM
Fit
npp
c_atm

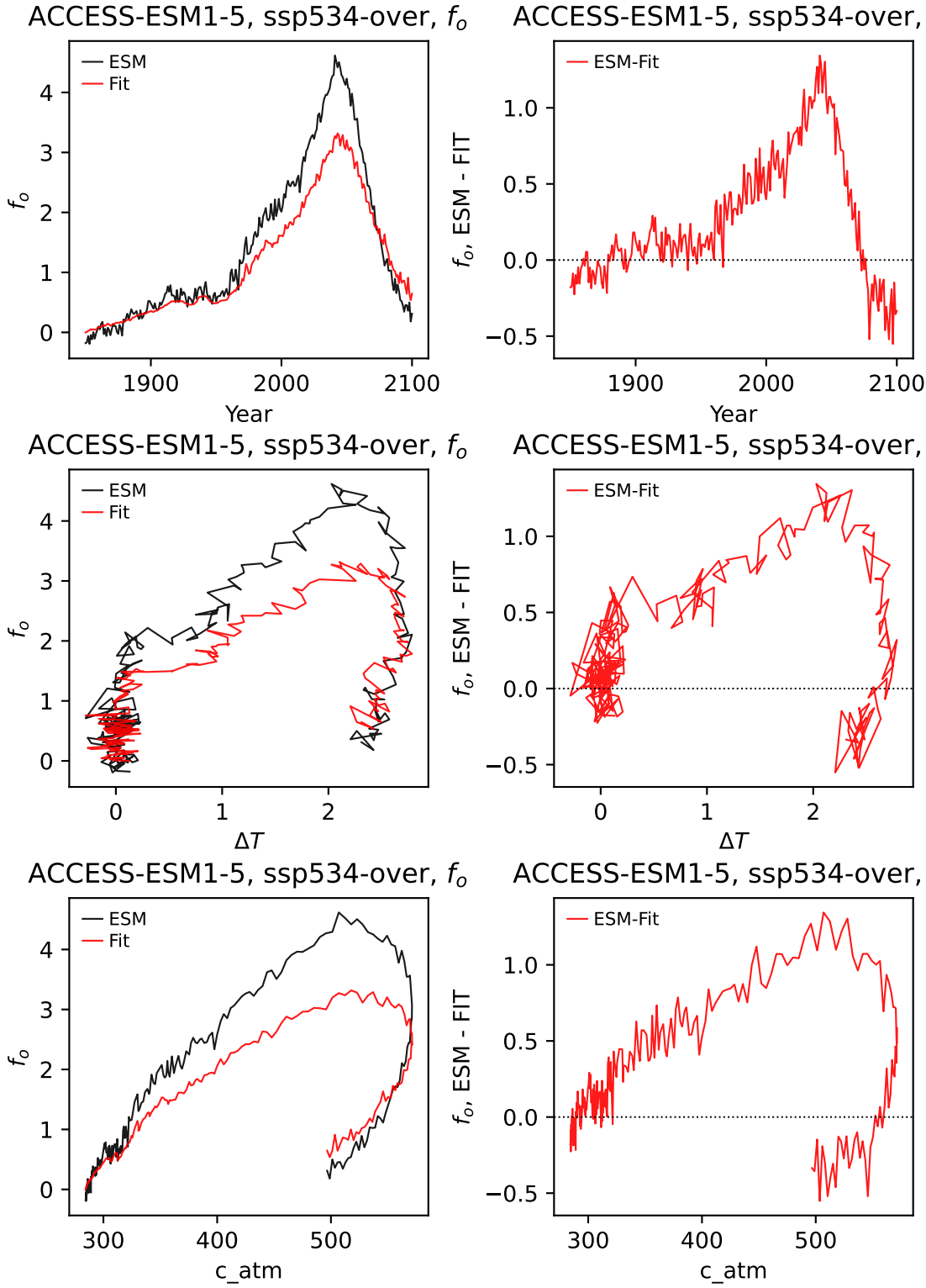

ACCESS-ESM1-5, ssp534-over, np
ESM-Fit
npp, ESM - FIT
c_atm

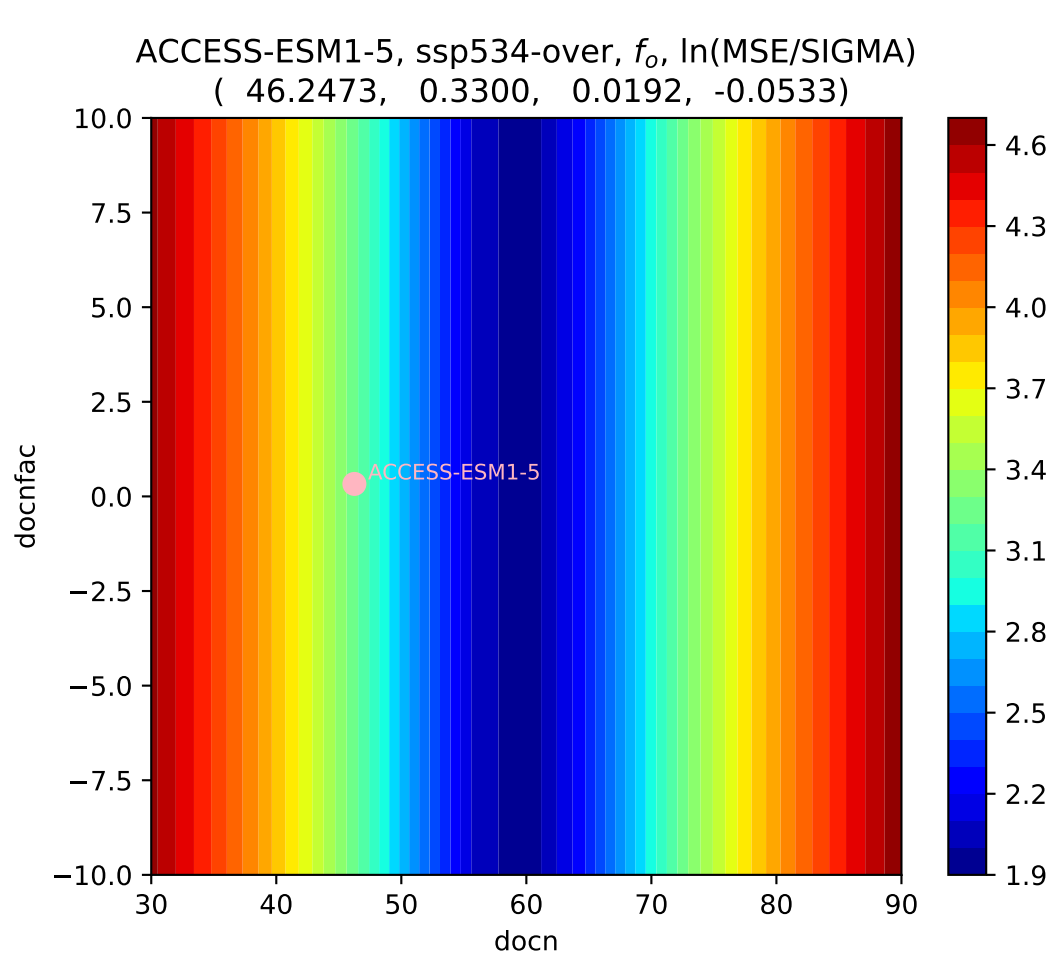

ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
743, -2.3643, 988.5938, 2.5993, 0.1055, 0.1929, 0.9987, 0.9839, 0
ACCESS-ESM1-5
npp_t_e
npp_t_l
4
3
2
1
0
−1
−2
−3
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
22.7
22.3
21.9
21.5
21.1
20.7
20.3
19.9
19.5

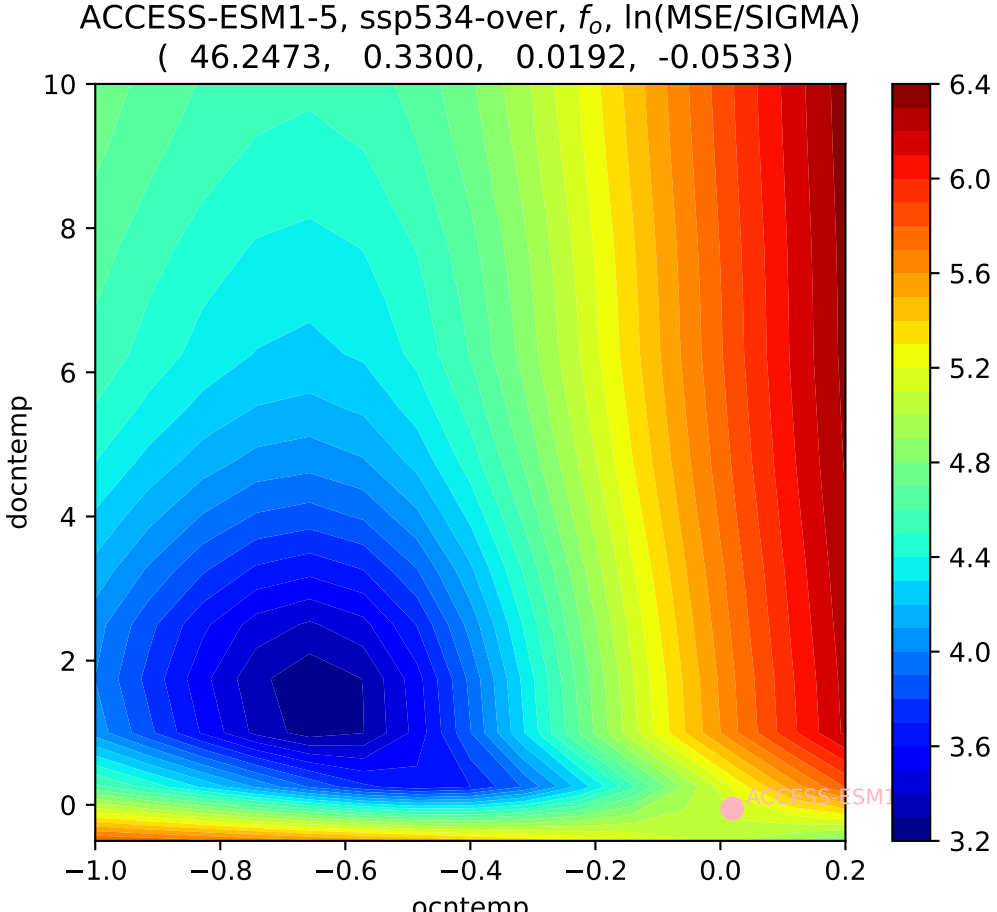

ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
743, -2.3643, 988.5938, 2.5993, 0.1055, 0.1929, 0.9987, 0.9839, 0
ACCESS-ESM1-5
npp_c_half
npp_c_l
2000
1750
1500
1250
1000
750
500
250
0
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
21.08
20.96
20.84
20.72
20.60
20.48
20.36
20.24
20.12
20.00


ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
743, -2.3643, 988.5938, 2.5993, 0.1055, 0.1929, 0.9987, 0.9839, 0
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
npp_hyst
−3
−2
−1
0
1
2
3
npp_c_e
22.50
22.05
21.60
21.15
20.70
20.25
19.80
19.35
18.90
18.45


ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
743, -2.3643, 988.5938, 2.5993, 0.1055, 0.1929, 0.9987, 0.9839, 0
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
npp_slow
0.90
0.92
0.94
0.96
0.98
1.00
npp_fast
20.865
20.820
20.775
20.730
20.685
20.640
20.595
20.550
20.505
20.460


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)
(46.2473, 0.3300, 0.0192, -0.0533)
ACCESS-ESM1-5
docnfac
docn
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
30
40
50
60
70
80
90
4.6
4.3
4.0
3.7
3.4
3.1
2.8
2.5
2.2
1.9


ACCESS-ESM1-5, ssp534-over, f_o, ln(MSE/SIGMA)
(46.2473, 0.3300, 0.0192, -0.0533)
docntemp
ocntemp
10
8
6
4
2
0
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
6.4
6.0
5.6
5.2
4.8
4.4
4.0
3.6
3.2
ACCESS-ESM1