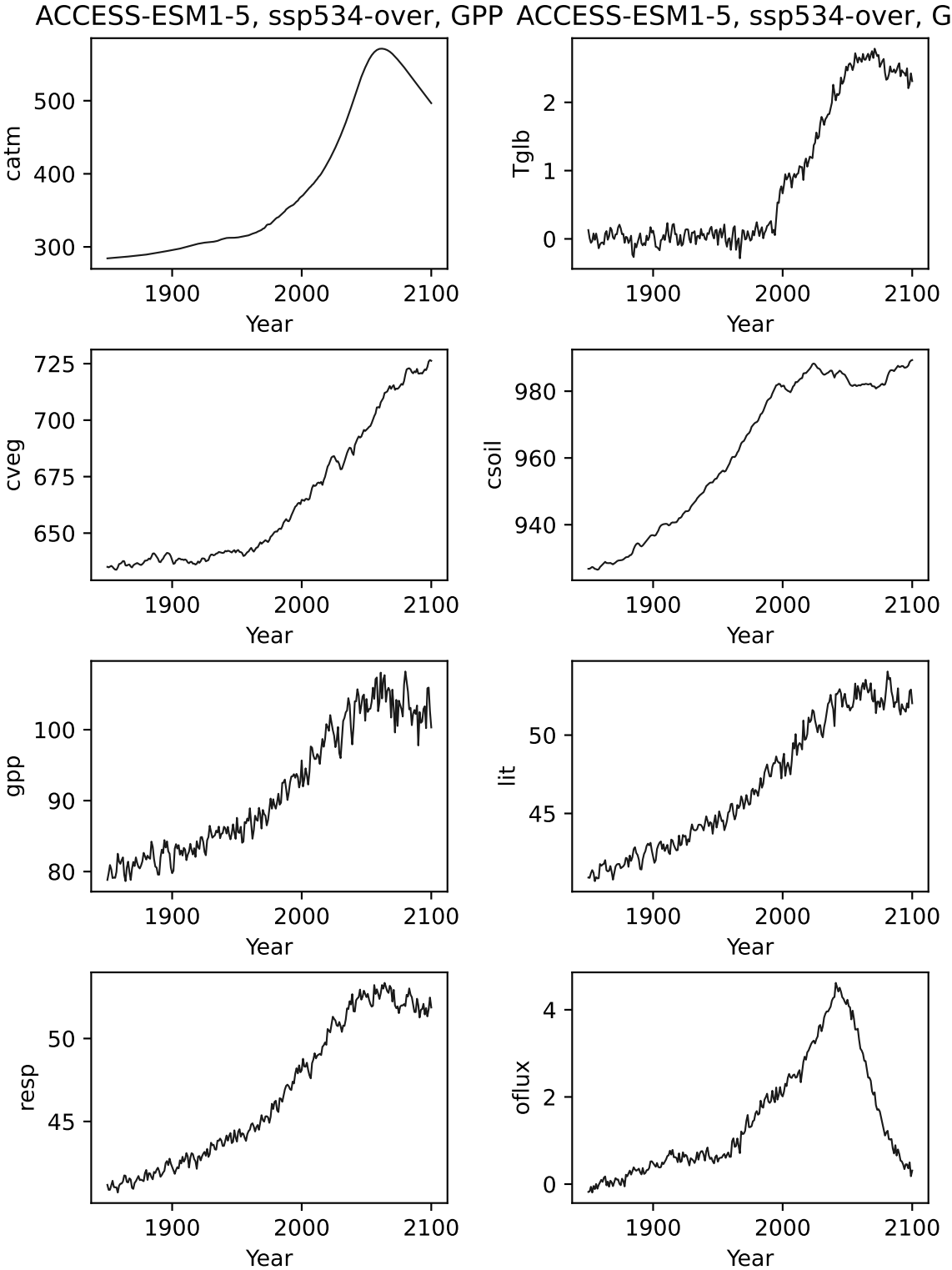
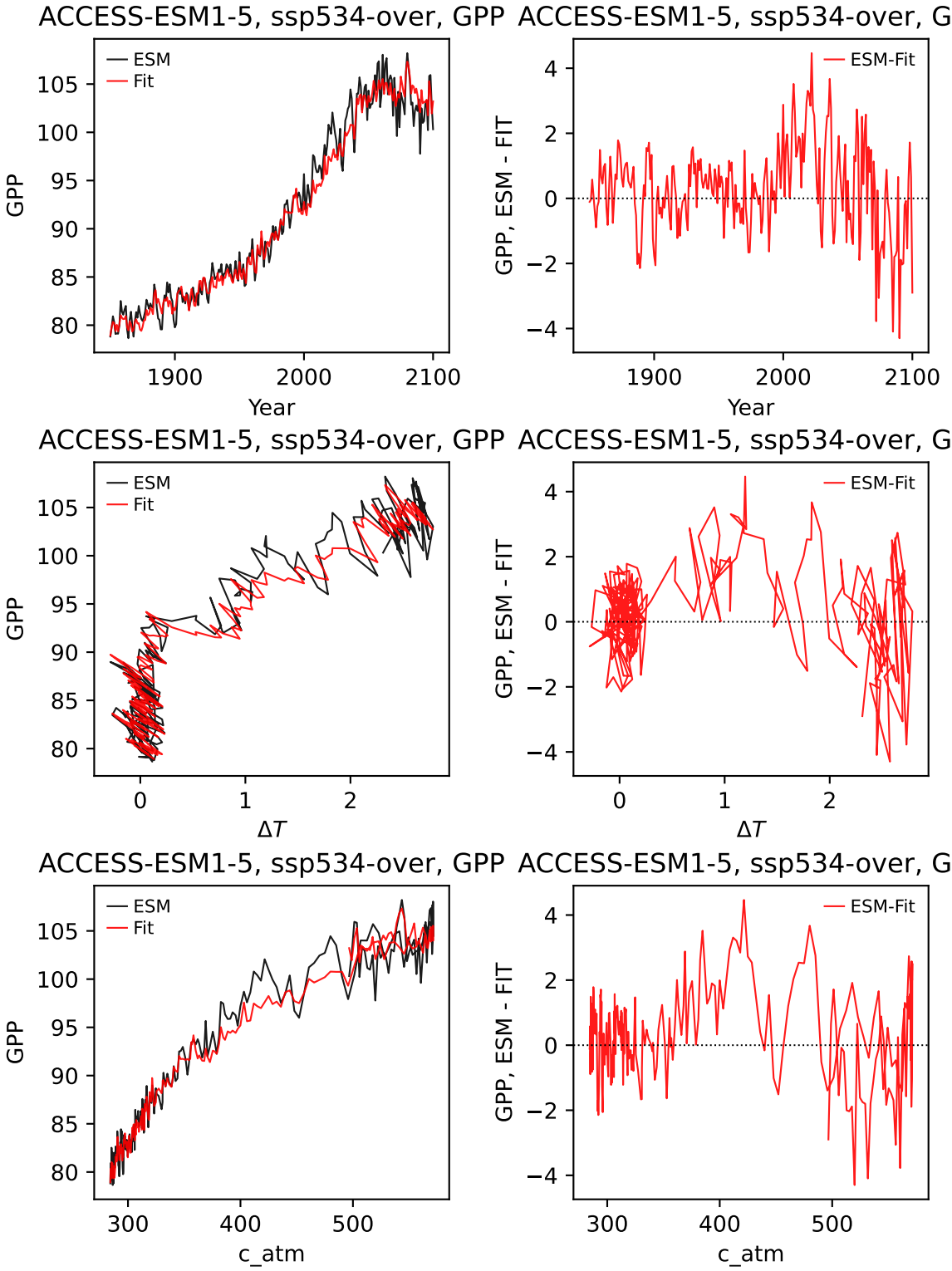
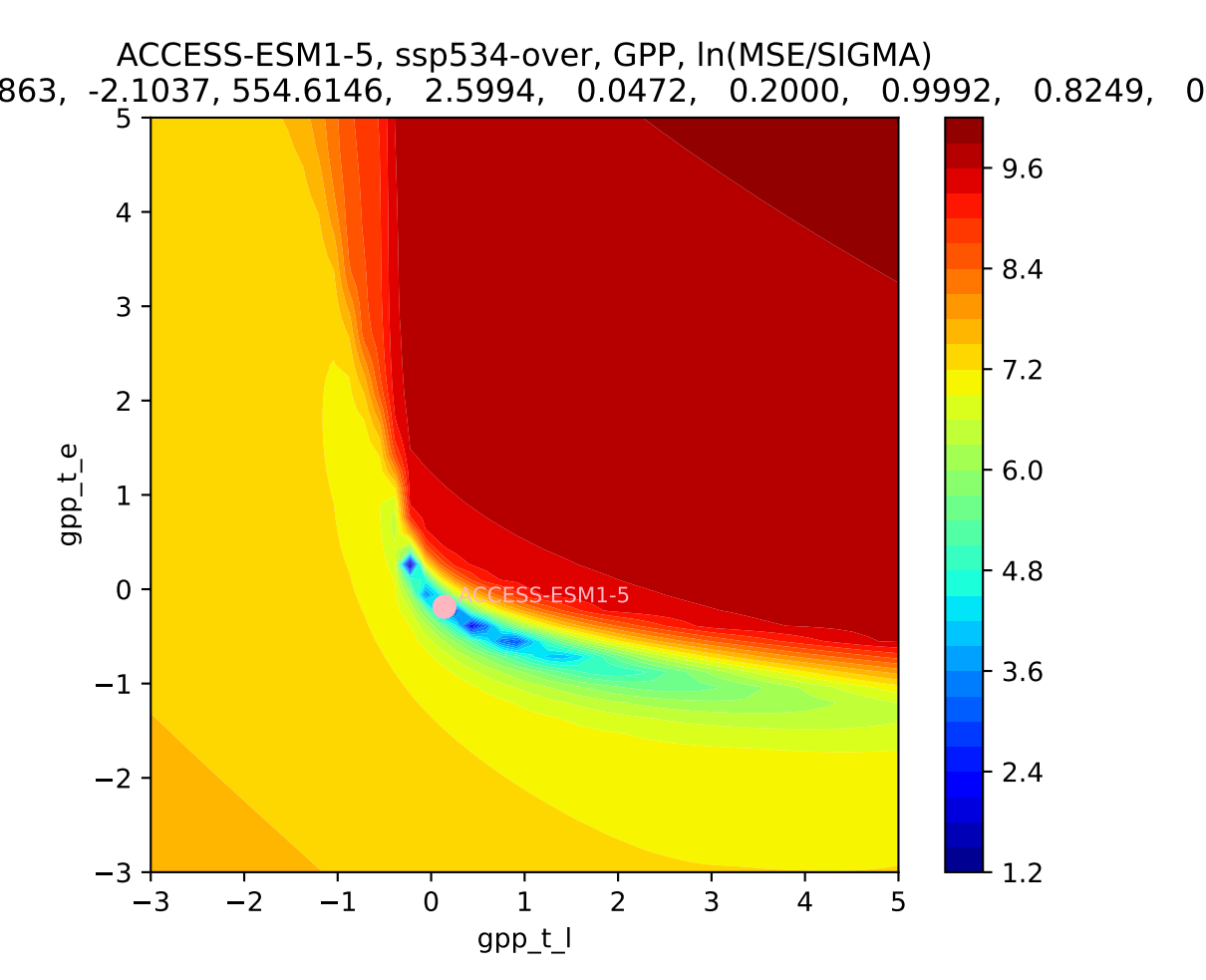
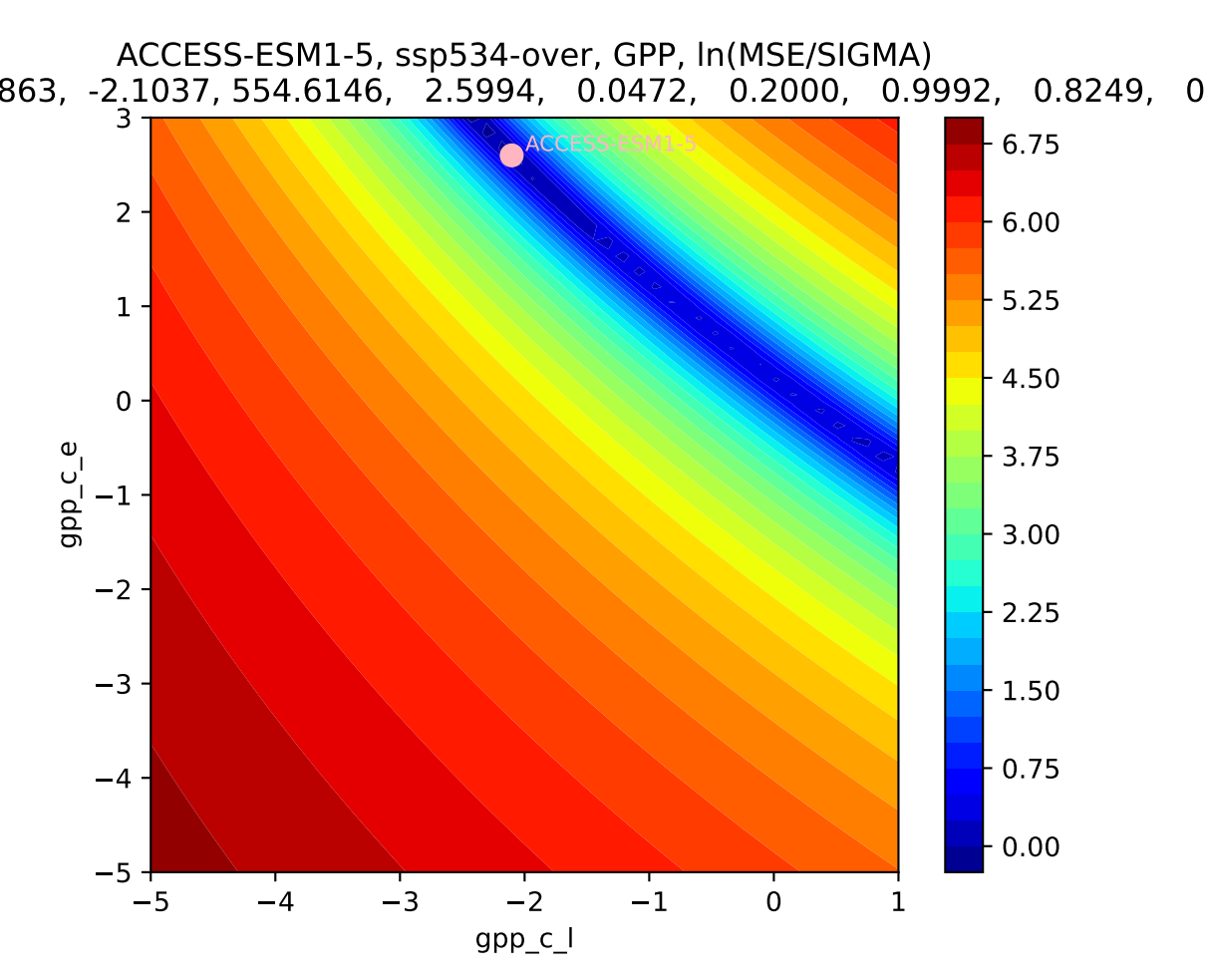
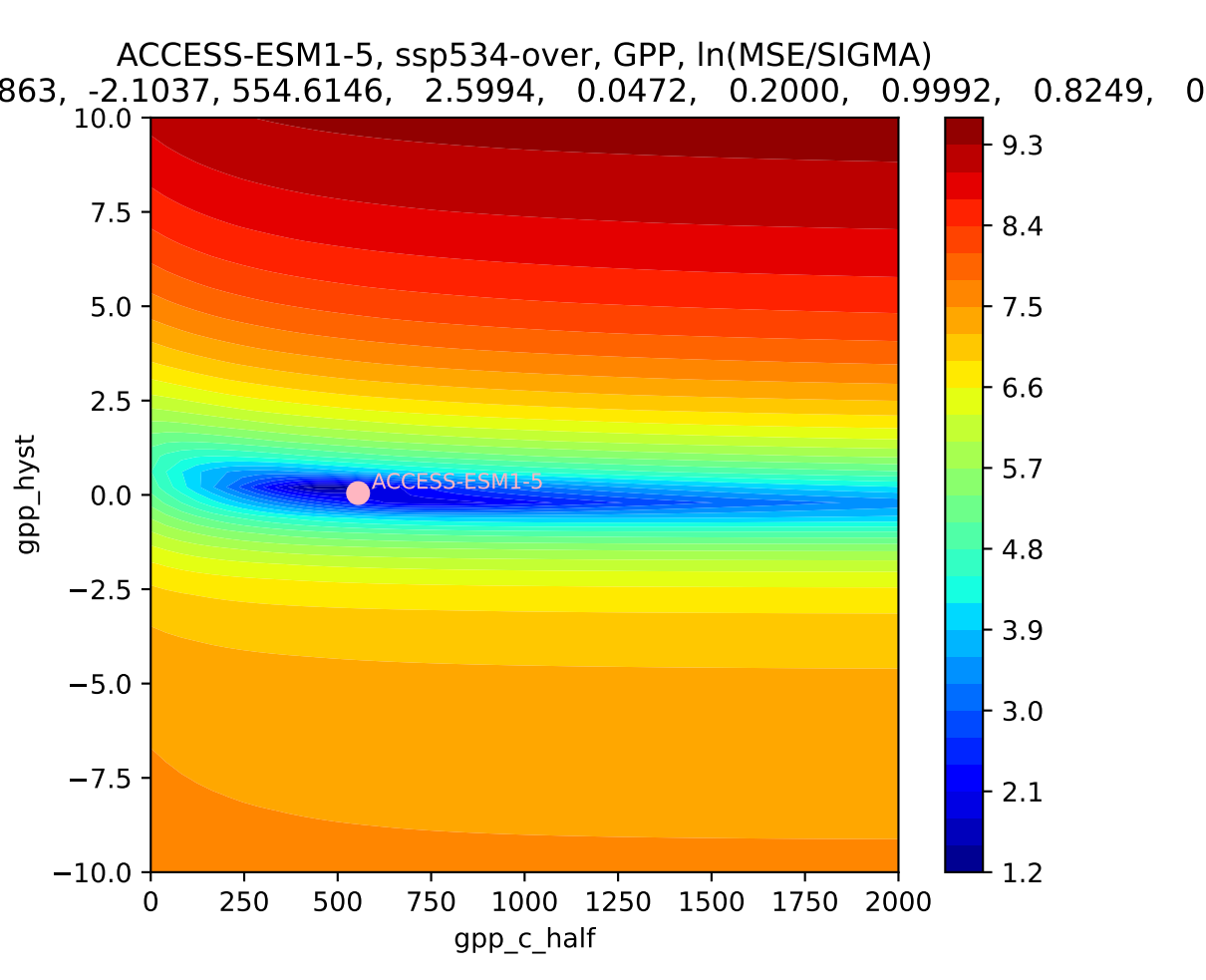
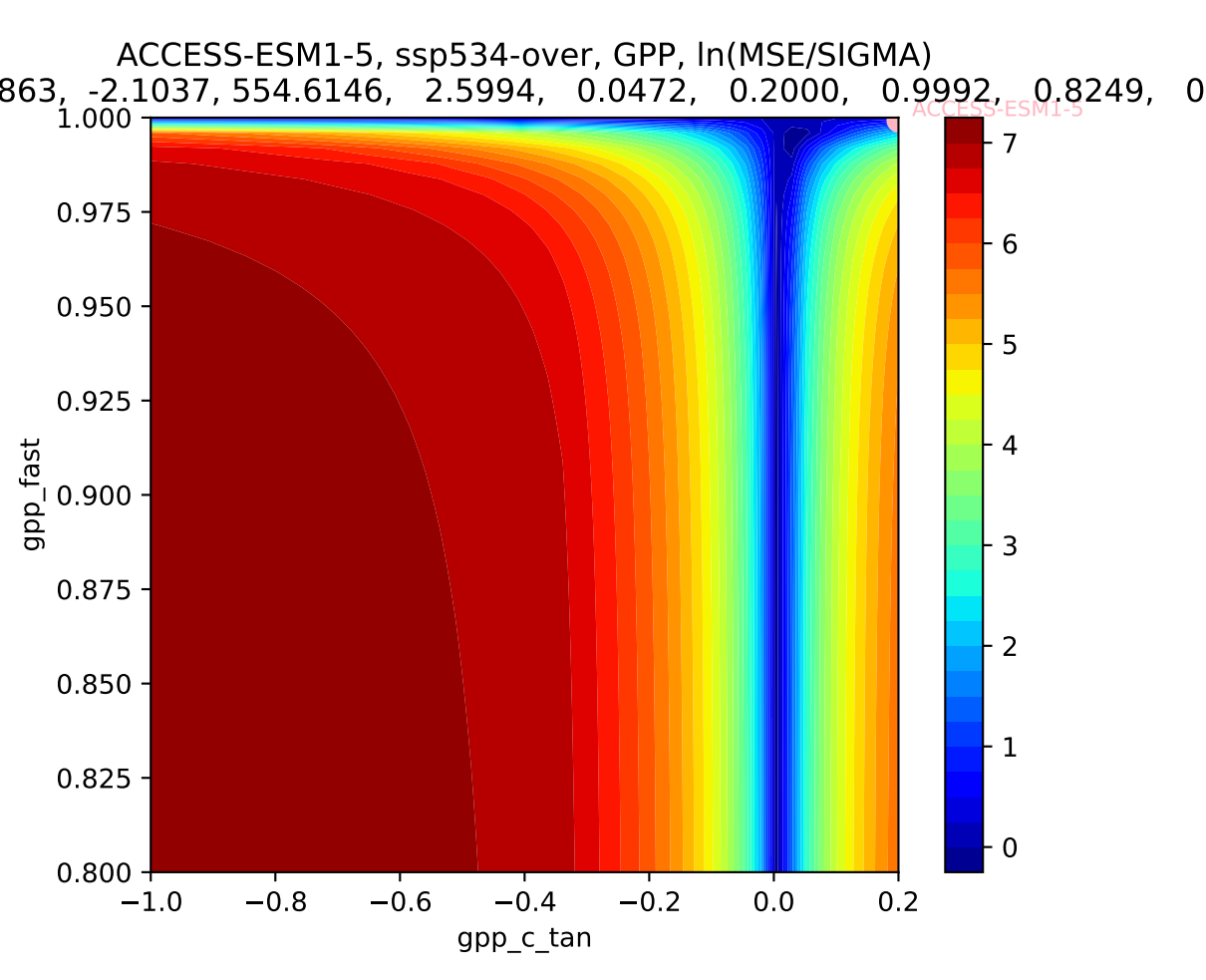

ACCESS-ESM1-5, ssp534-over, GPP
ACCESS-ESM1-5, ssp534-over, GP
catm
Tglb
cveg
csoil
gpp
lit
resp
oflux
Year
1900
2000
2100

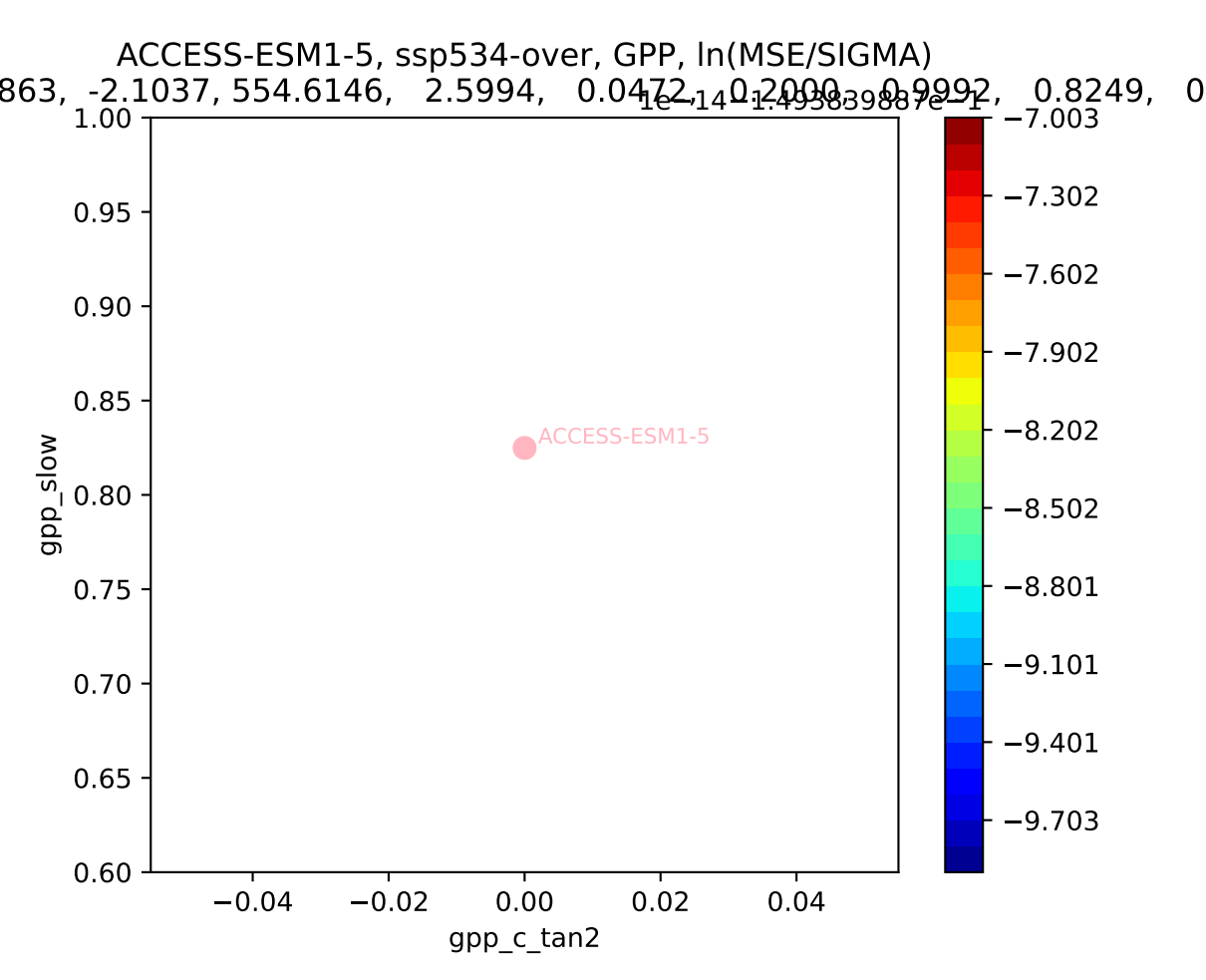

ACCESS-ESM1-5, ssp534-over, GPP
ESM
Fit
GPP
Year
ACCESS-ESM1-5, ssp534-over, GP
ESM-Fit
GPP, ESM - FIT
Year
ACCESS-ESM1-5, ssp534-over, GPP
ESM
Fit
GPP
ΔT
ACCESS-ESM1-5, ssp534-over, GP
ESM-Fit
GPP, ESM - FIT
ΔT
ACCESS-ESM1-5, ssp534-over, GPP
ESM
Fit
GPP
c_atm
ACCESS-ESM1-5, ssp534-over, GP
ESM-Fit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

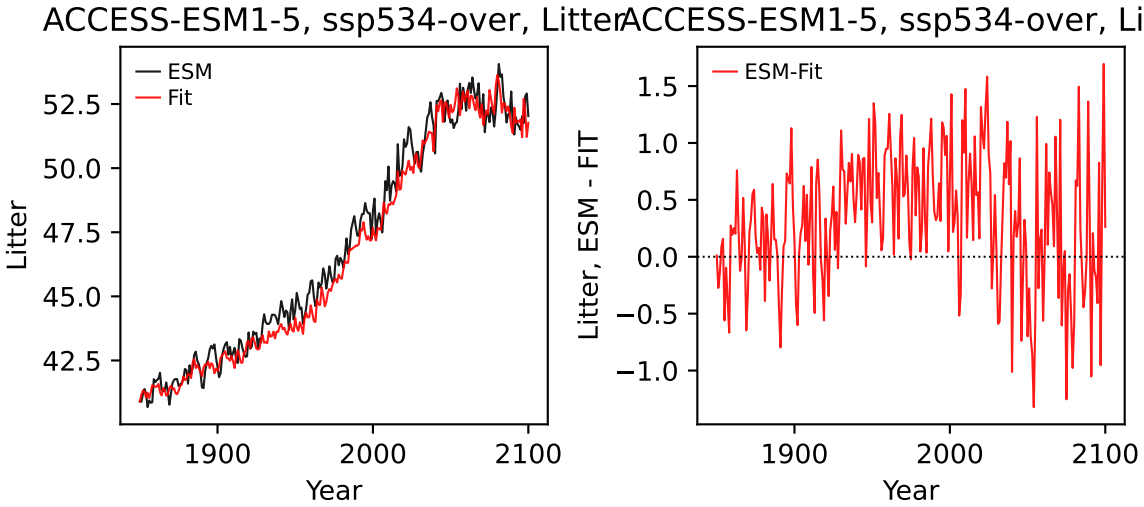

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
863, -2.1037, 554.6146, 2.5994, 0.0472, 0.2000, 0.9992, 0.8249, 0
ACCESS-ESM1-5
gpp_t_e
gpp_t_l
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
9.6
8.4
7.2
6.0
4.8
3.6
2.4
1.2

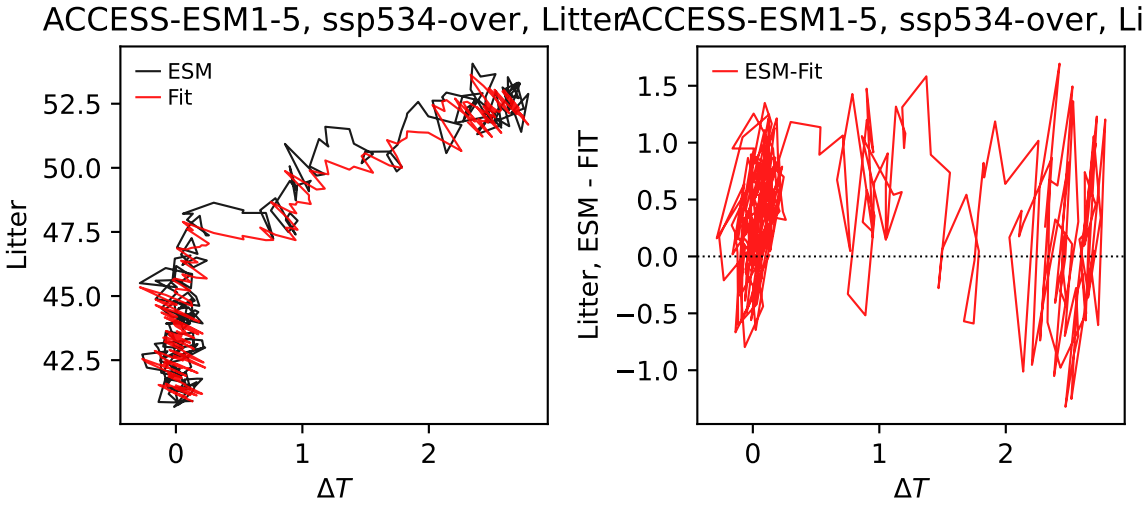

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
863, -2.1037, 554.6146, 2.5994, 0.0472, 0.2000, 0.9992, 0.8249, 0
ACCESS-ESM1-5
gpp_c_e
gpp_c_l
3
2
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1
6.75
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00

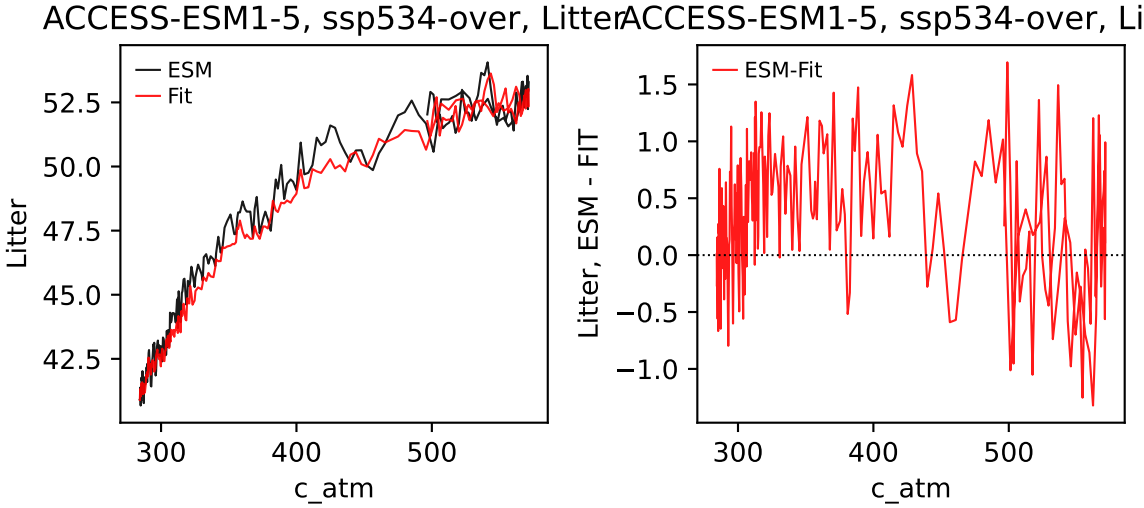

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
863, -2.1037, 554.6146, 2.5994, 0.0472, 0.2000, 0.9992, 0.8249, 0
ACCESS-ESM1-5
gpp_hyst
gpp_c_half
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
250
500
750
1000
1250
1500
1750
2000
9.3
8.4
7.5
6.6
5.7
4.8
3.9
3.0
2.1
1.2

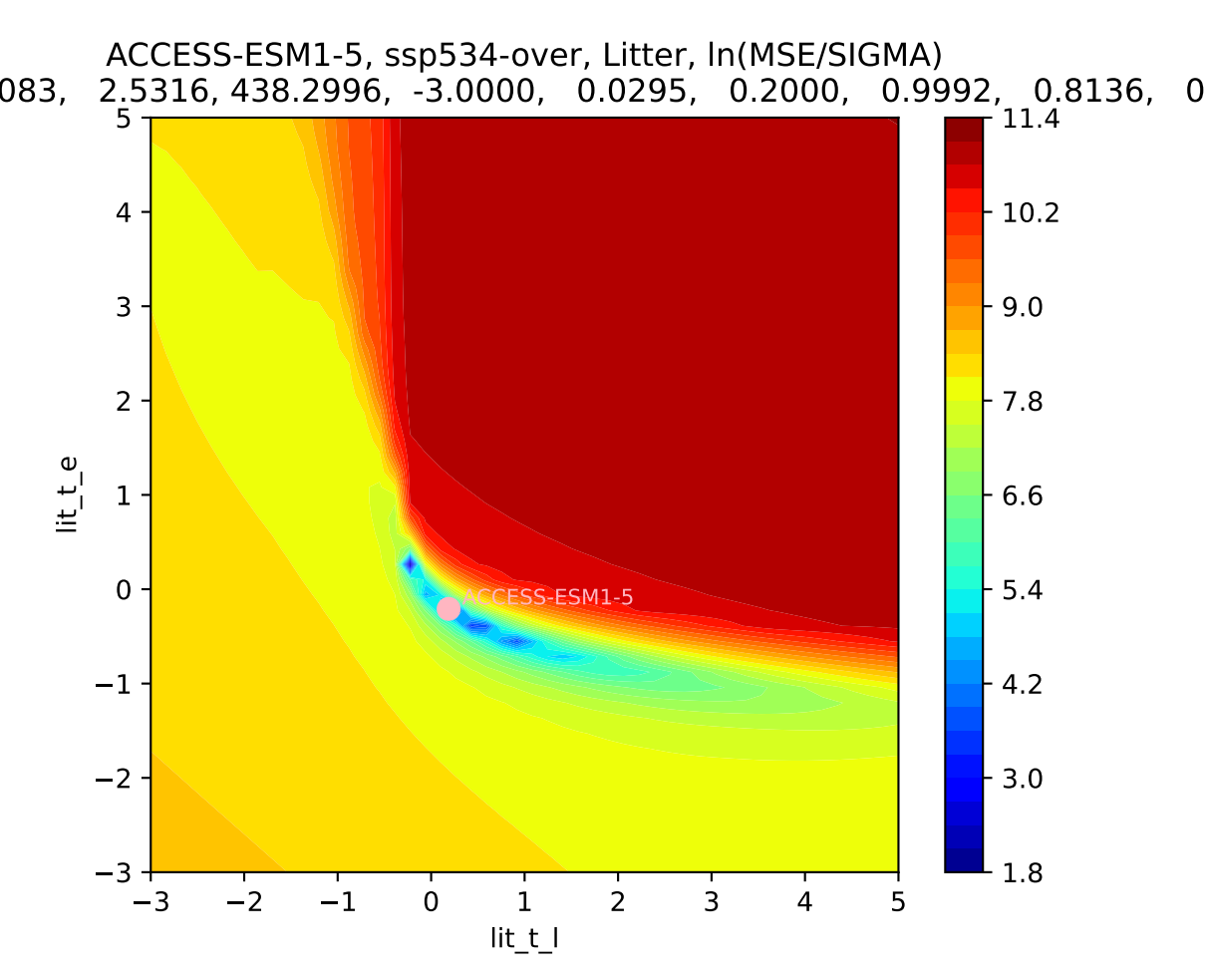

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
863, -2.1037, 554.6146, 2.5994, 0.0472, 0.2000, 0.9992, 0.8249, 0
ACCESS-ESM1-5
gpp_fast
gpp_c_tan
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
7
6
5
4
3
2
1
0

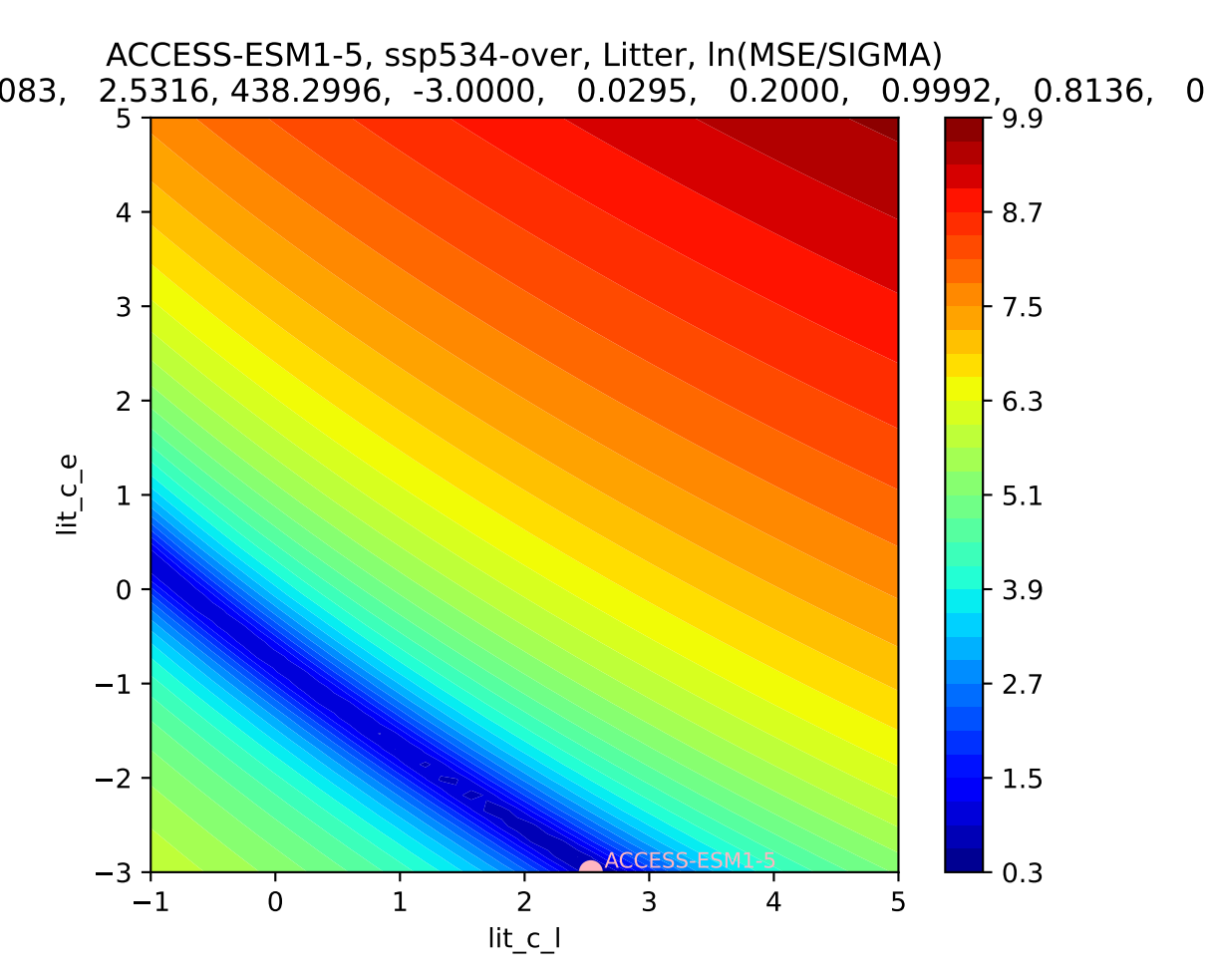

ACCESS-ESM1-5, ssp534-over, GPP, ln(MSE/SIGMA)
863, -2.1037, 554.6146, 2.5994, 0.0472, 0.2000, 0.9992, 0.8249, 0
1e−14 −1.493839887e−1
ACCESS-ESM1-5
gpp_slow
gpp_c_tan2
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
−0.04
−0.02
0.00
0.02
0.04
−7.003
−7.302
−7.602
−7.902
−8.202
−8.502
−8.801
−9.101
−9.401
−9.703

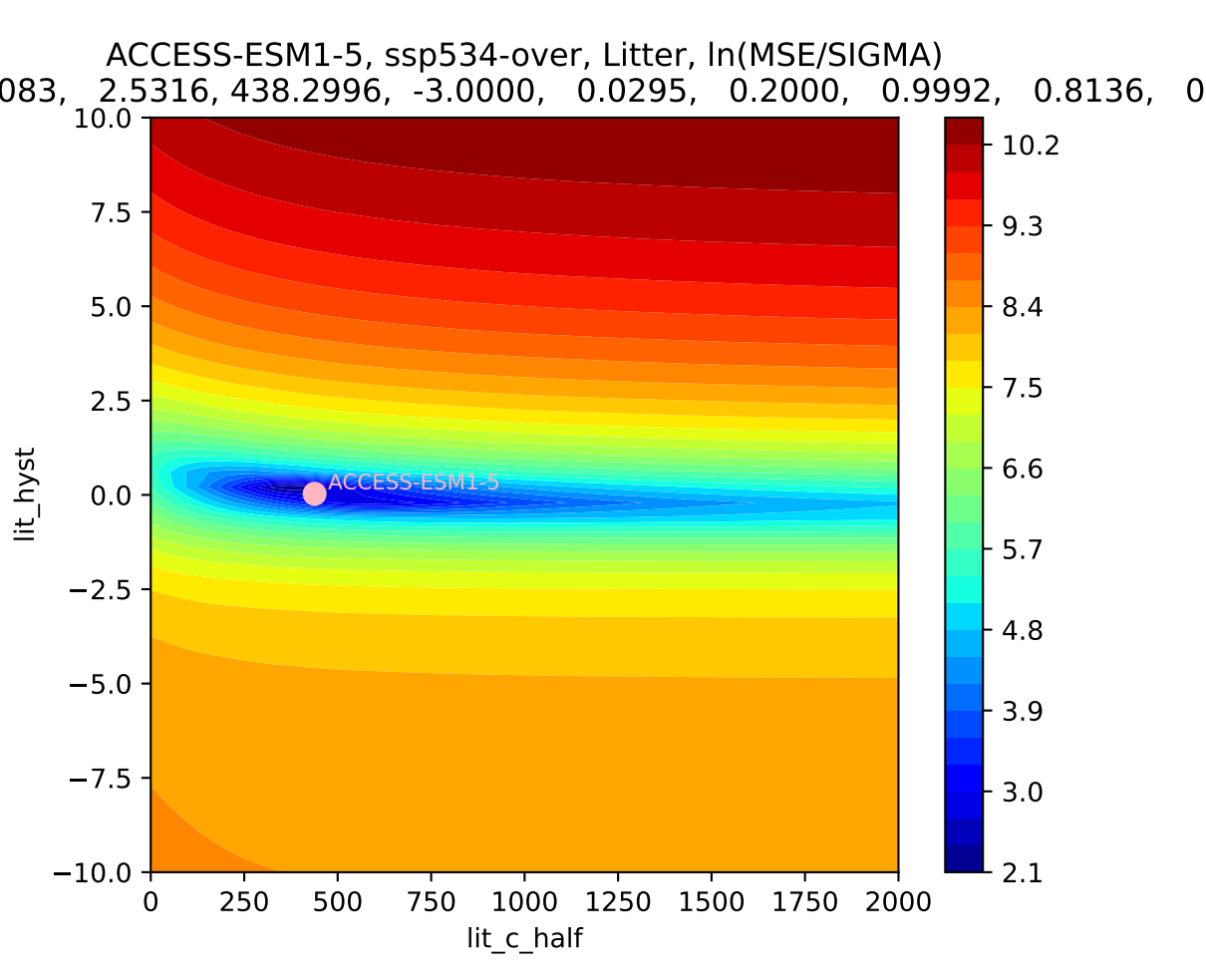

ACCESS-ESM1-5, ssp534-over, Litter
ESM
Fit
Litter
Year
ACCESS-ESM1-5, ssp534-over, Litt
ESM-Fit
Litter, ESM - FIT
Year

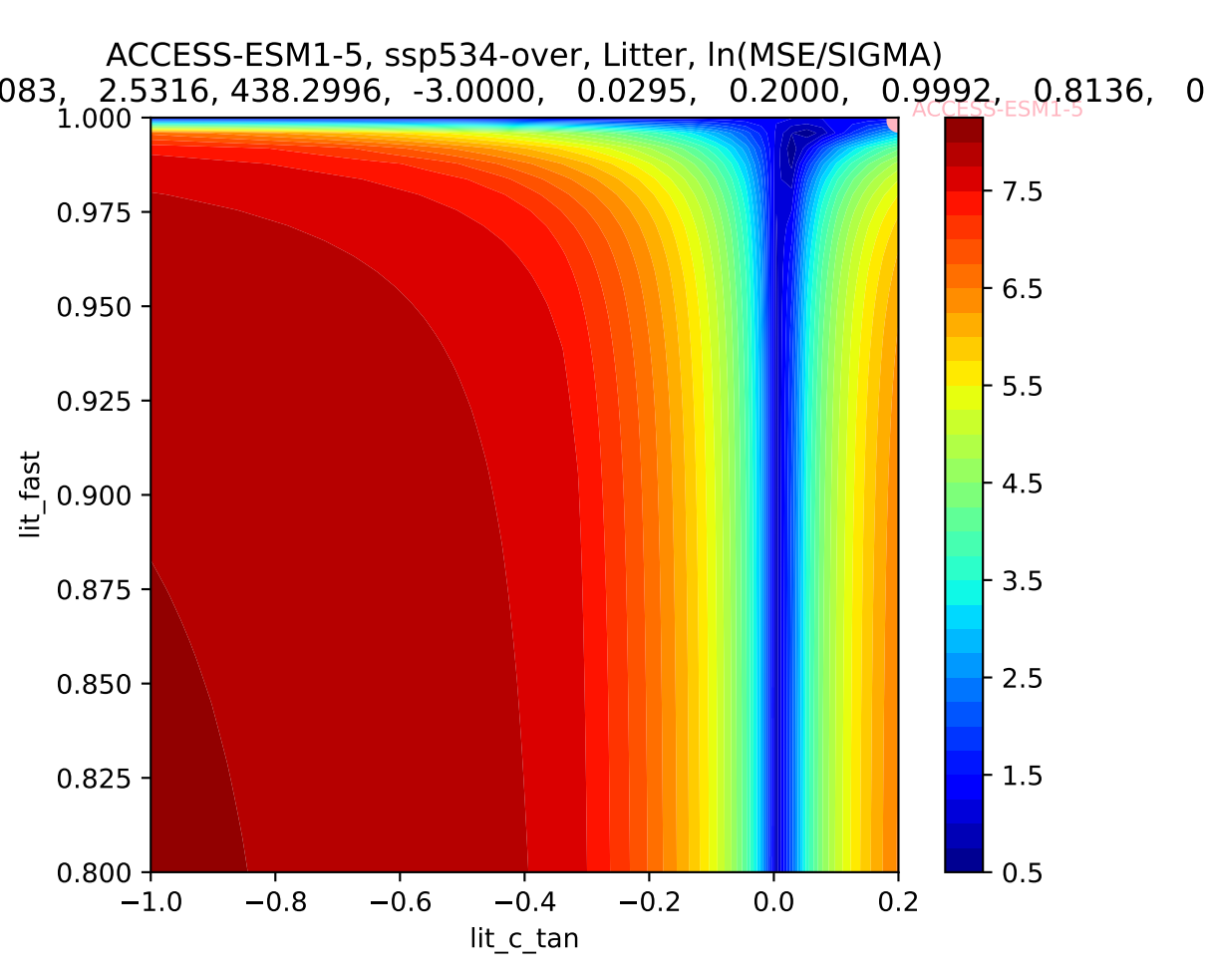

ACCESS-ESM1-5, ssp534-over, Litter
ESM
Fit
Litter
ΔT
ACCESS-ESM1-5, ssp534-over, Litt
ESM-Fit
Litter, ESM - FIT
ΔT

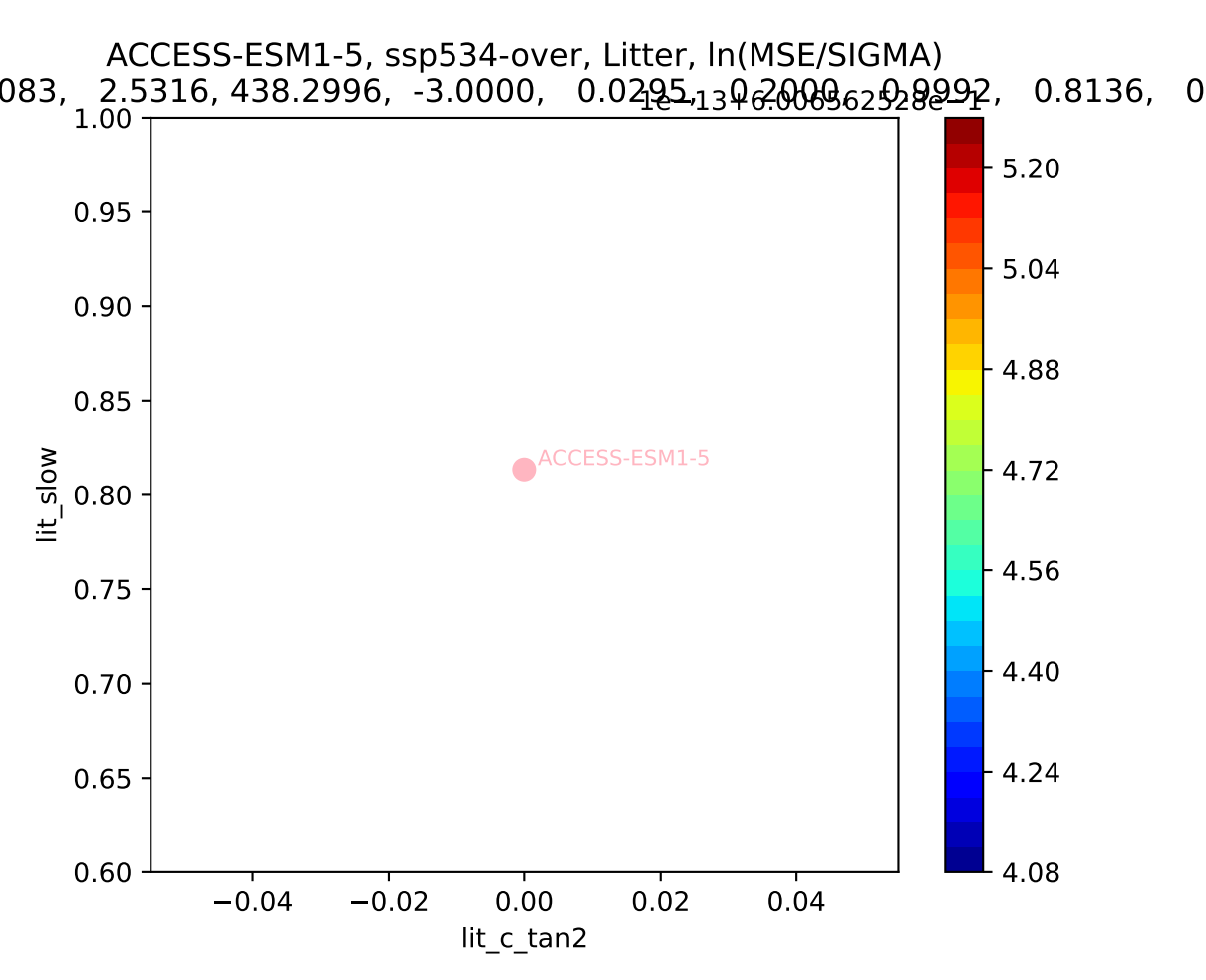

ACCESS-ESM1-5, ssp534-over, Litter
ESM
Fit
Litter
c_atm
ACCESS-ESM1-5, ssp534-over, Litt
ESM-Fit
Litter, ESM - FIT
c_atm

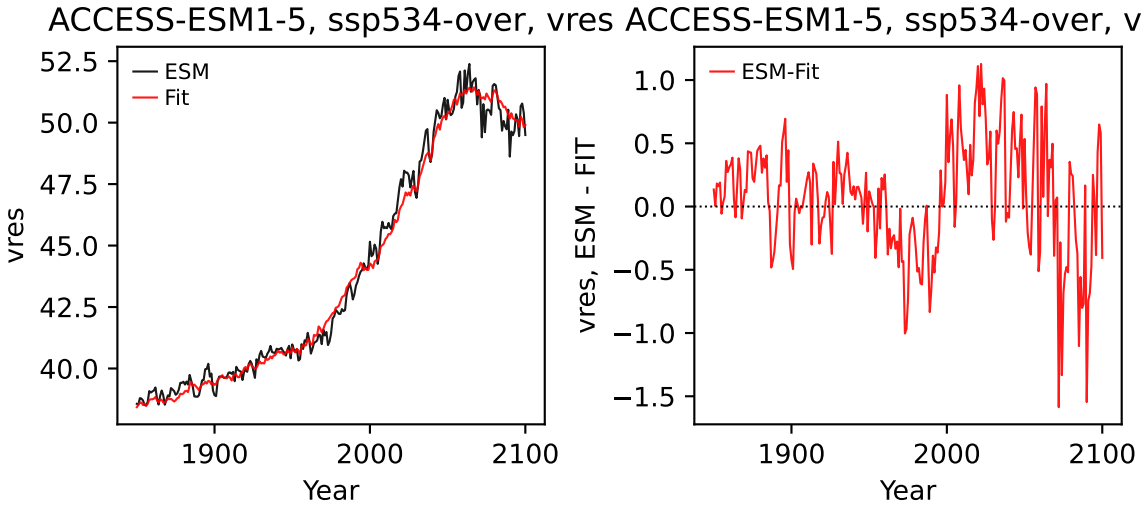

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
083, 2.5316, 438.2996, -3.0000, 0.0295, 0.2000, 0.9992, 0.8136, 0
ACCESS-ESM1-5
lit_t_e
lit_t_l
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
11.4
10.2
9.0
7.8
6.6
5.4
4.2
3.0
1.8

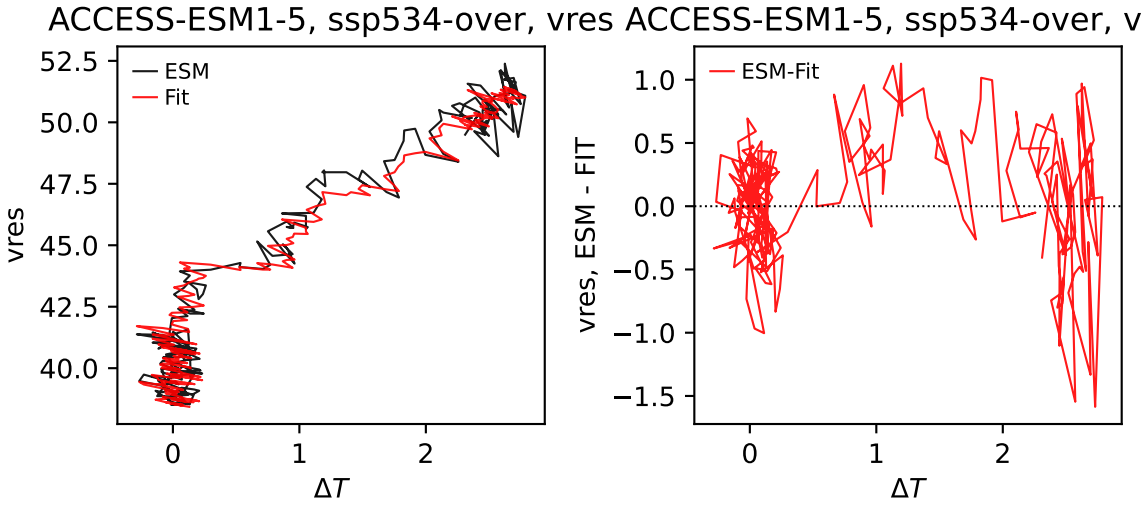

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
083, 2.5316, 438.2996, -3.0000, 0.0295, 0.2000, 0.9992, 0.8136, 0
lit_c_e
lit_c_l
ACCESS-ESM1-5
5
4
3
2
1
0
−1
−2
−3
−1
0
1
2
3
4
5
9.9
8.7
7.5
6.3
5.1
3.9
2.7
1.5
0.3

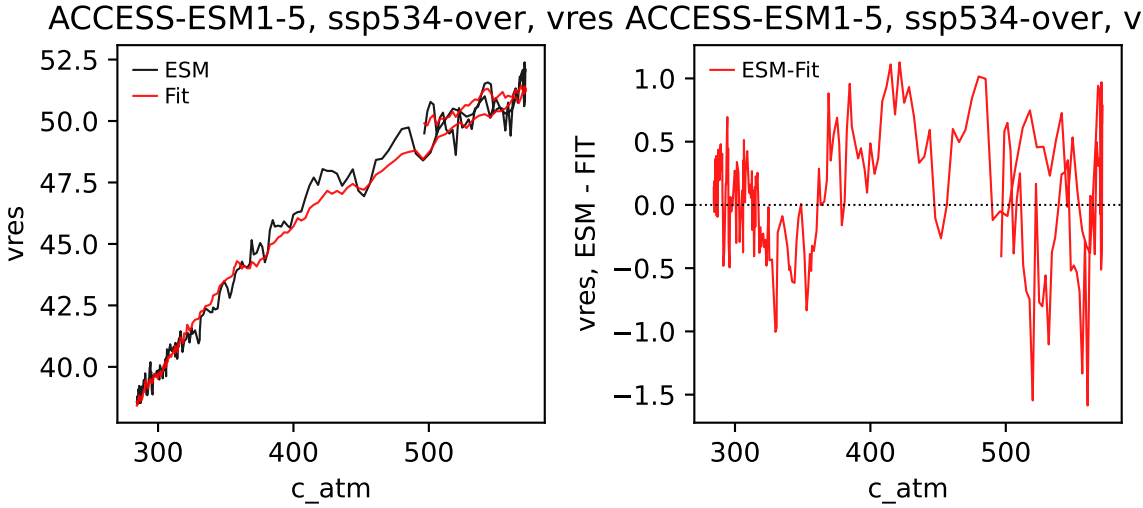

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
083, 2.5316, 438.2996, -3.0000, 0.0295, 0.2000, 0.9992, 0.8136, 0
ACCESS-ESM1-5
lit_hyst
lit_c_half
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
250
500
750
1000
1250
1500
1750
2000
10.2
9.3
8.4
7.5
6.6
5.7
4.8
3.9
3.0
2.1

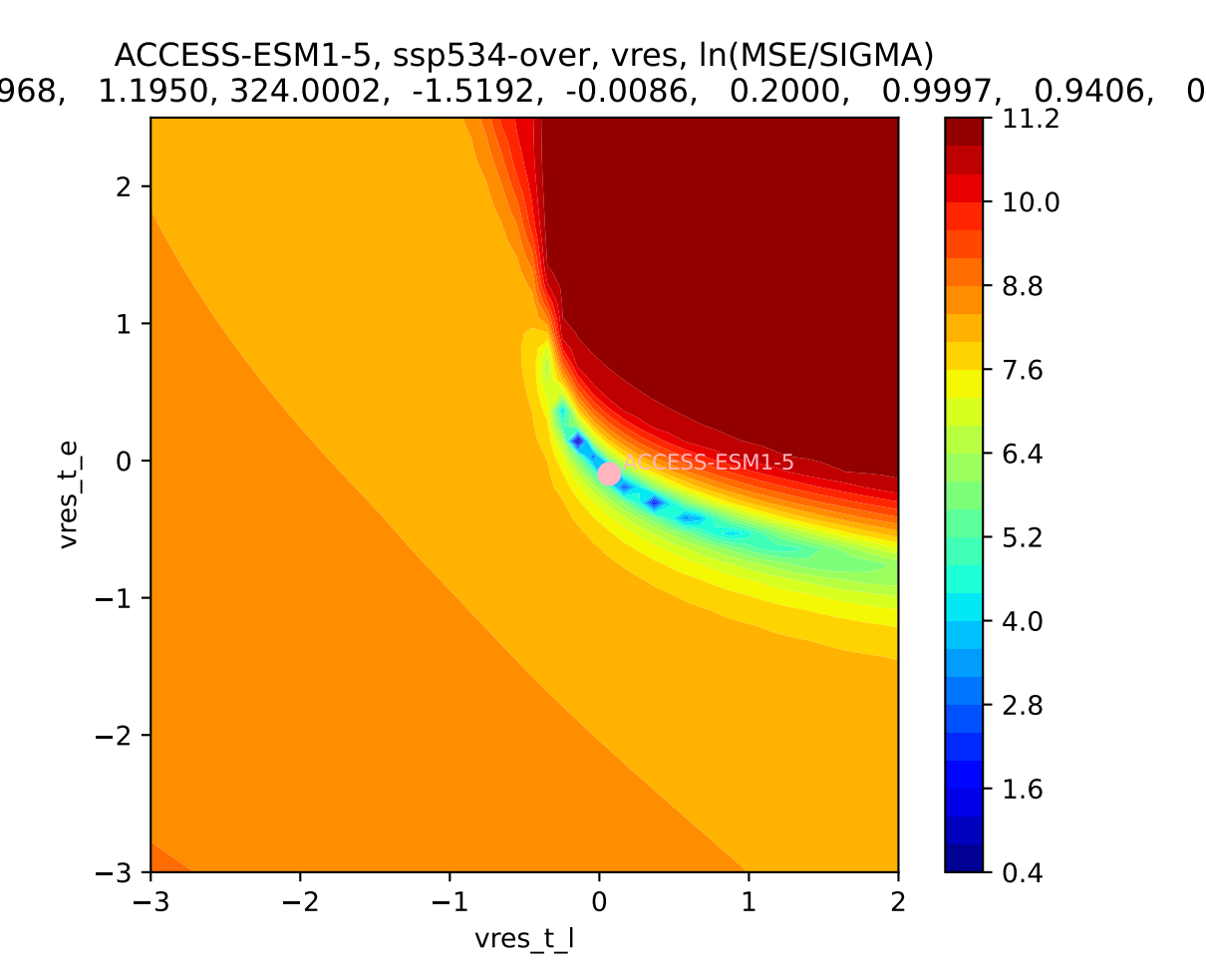

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
083, 2.5316, 438.2996, -3.0000, 0.0295, 0.2000, 0.9992, 0.8136, 0
ACCESS-ESM1-5
lit_fast
lit_c_tan
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
7.5
6.5
5.5
4.5
3.5
2.5
1.5
0.5

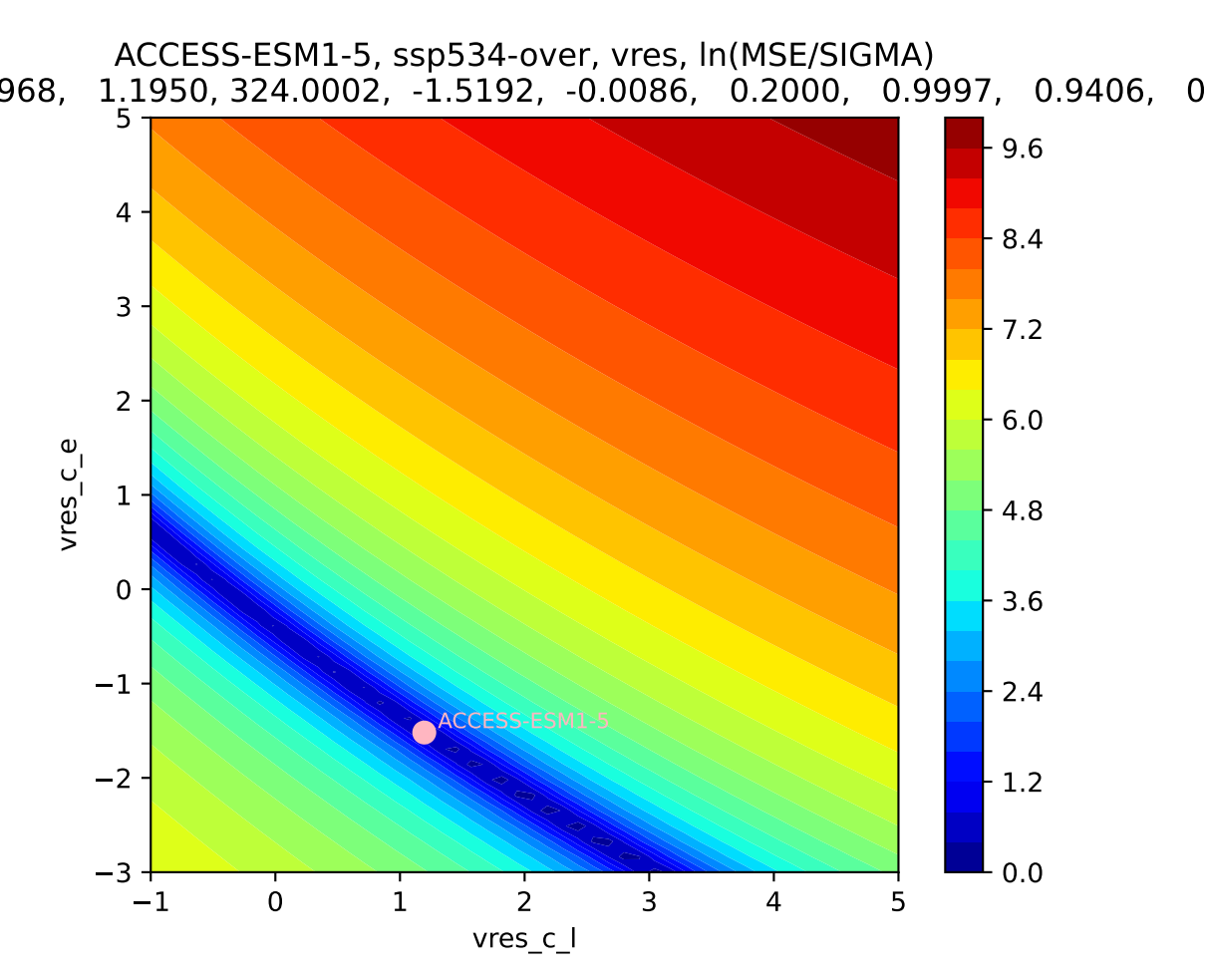

ACCESS-ESM1-5, ssp534-over, Litter, ln(MSE/SIGMA)
083, 2.5316, 438.2996, -3.0000, 0.0295, 0.2000, 0.9992, 0.8136, 0
1e−13+6.006562528e−1
ACCESS-ESM1-5
lit_slow
lit_c_tan2
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
−0.04
−0.02
0.00
0.02
0.04
5.20
5.04
4.88
4.72
4.56
4.40
4.24
4.08

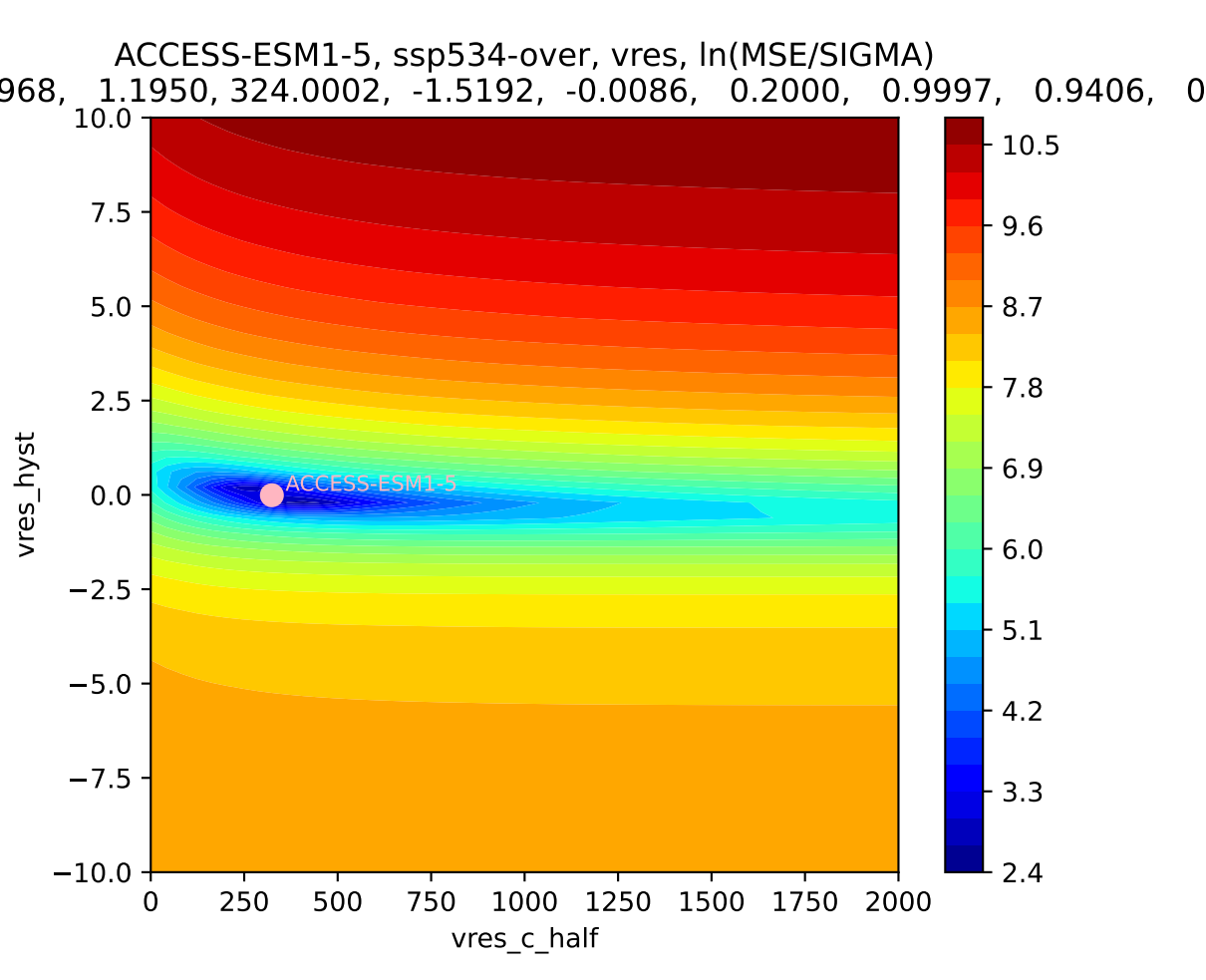

ACCESS-ESM1-5, ssp534-over, vres ACCESS-ESM1-5, ssp534-over, vr
ESM
Fit
vres
Year
ESM-Fit
vres, ESM - FIT
Year

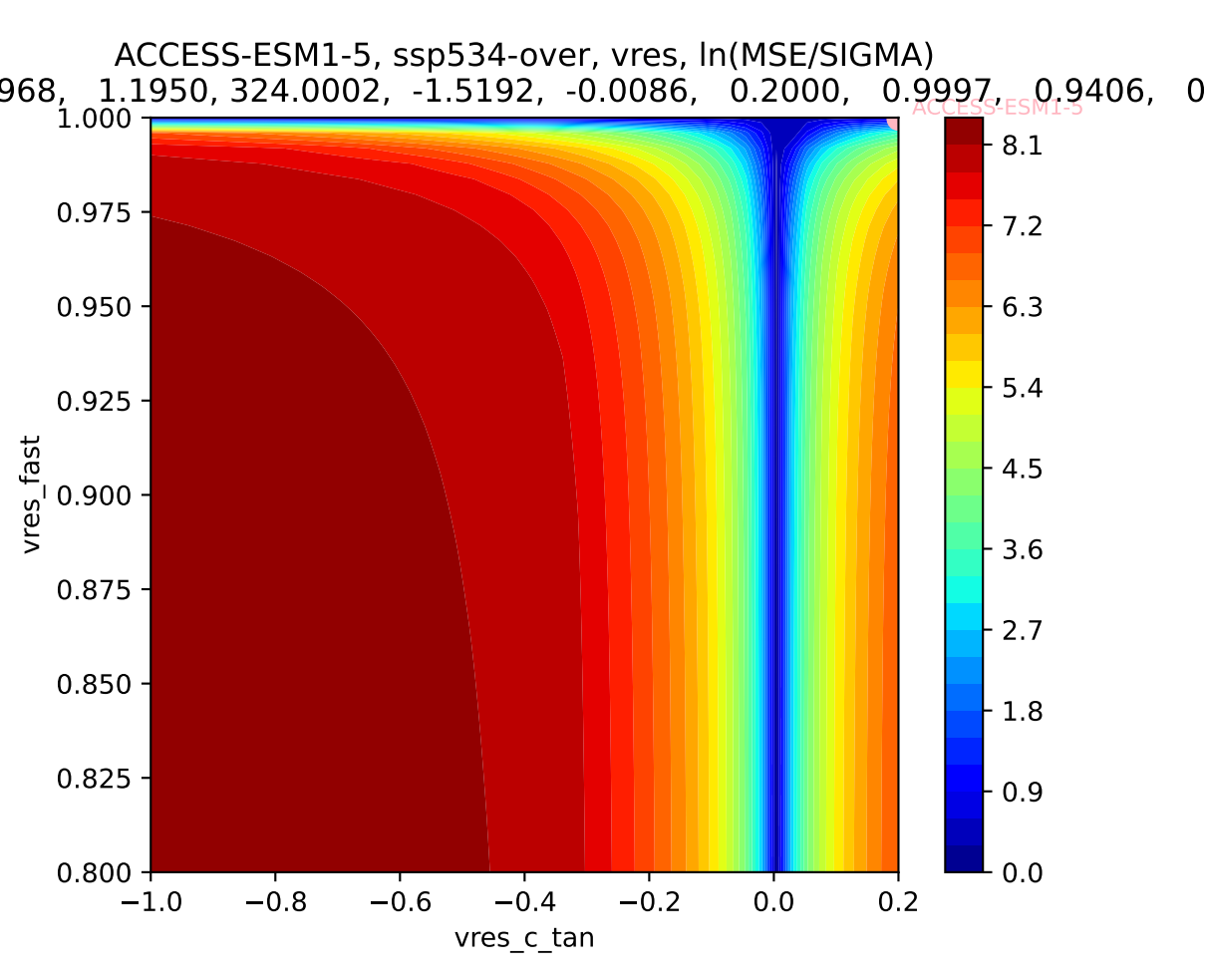

ACCESS-ESM1-5, ssp534-over, vres ACCESS-ESM1-5, ssp534-over, vr
ESM
Fit
vres
ΔT
ESM-Fit
vres, ESM - FIT
ΔT

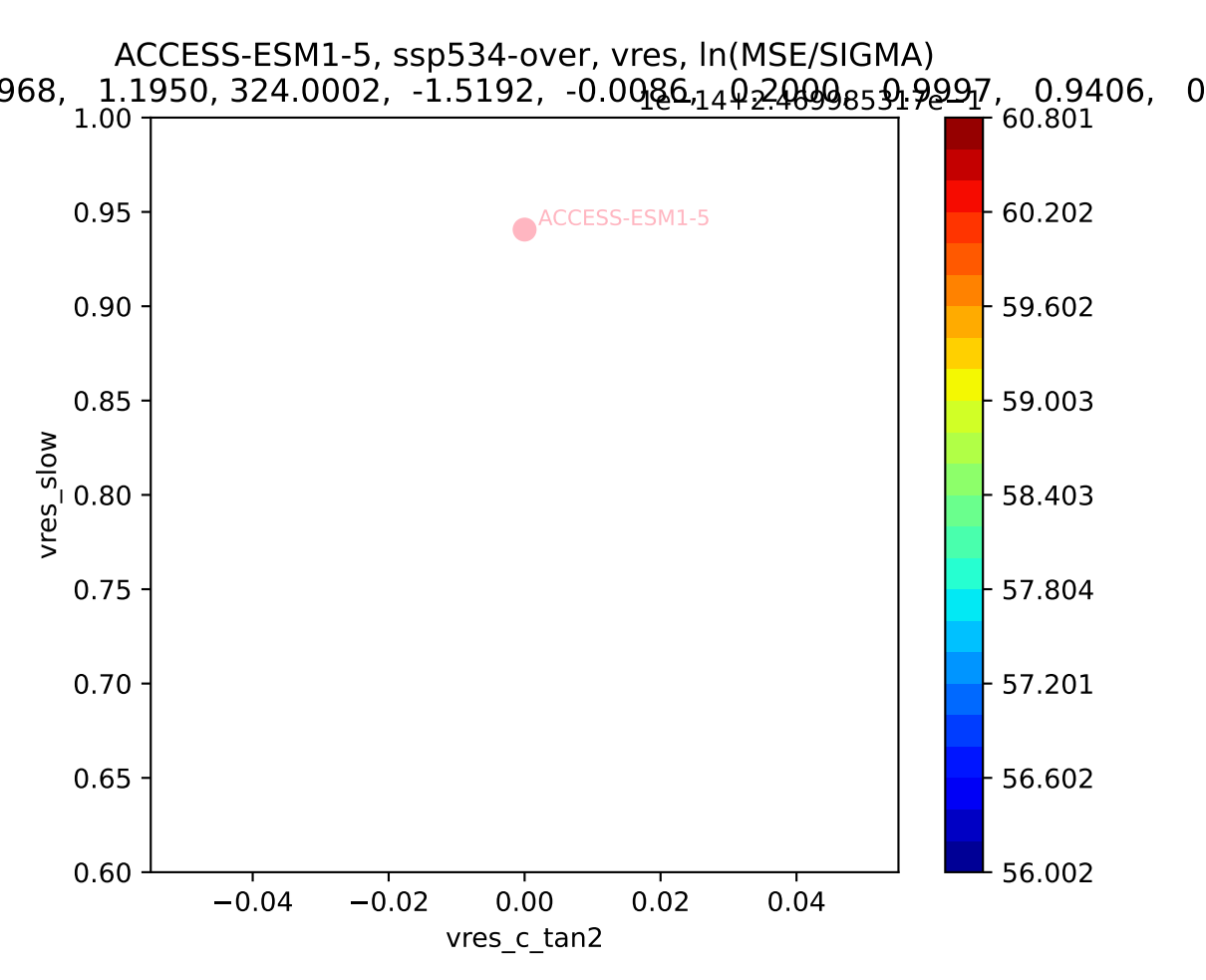

ACCESS-ESM1-5, ssp534-over, vres ACCESS-ESM1-5, ssp534-over, vr
ESM
Fit
vres
c_atm
ESM-Fit
vres, ESM - FIT
c_atm

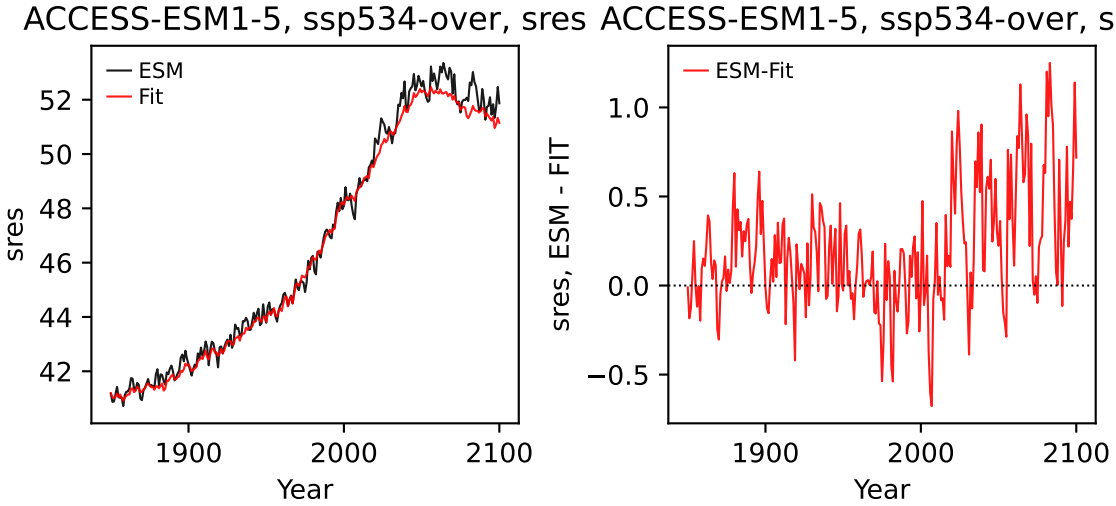

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
968, 1.1950, 324.0002, -1.5192, -0.0086, 0.2000, 0.9997, 0.9406, 0
ACCESS-ESM1-5
vres_t_e
vres_t_l
−3
−2
−1
0
1
2
11.2
10.0
8.8
7.6
6.4
5.2
4.0
2.8
1.6
0.4

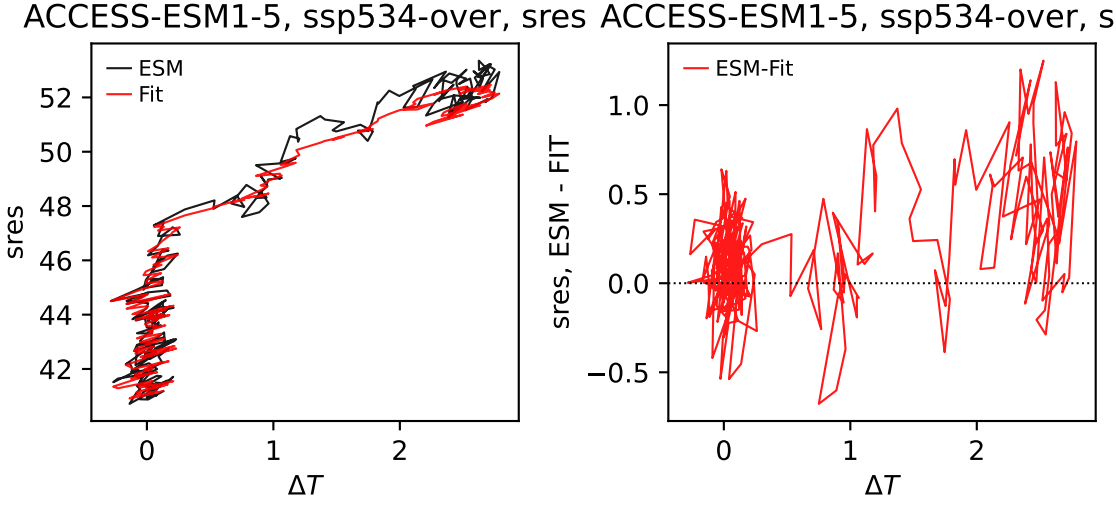

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
968, 1.1950, 324.0002, -1.5192, -0.0086, 0.2000, 0.9997, 0.9406, 0
vres_c_e
vres_c_l
ACCESS-ESM1-5
5
4
3
2
1
0
−1
−2
−3
−1
0
1
2
3
4
5
9.6
8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0

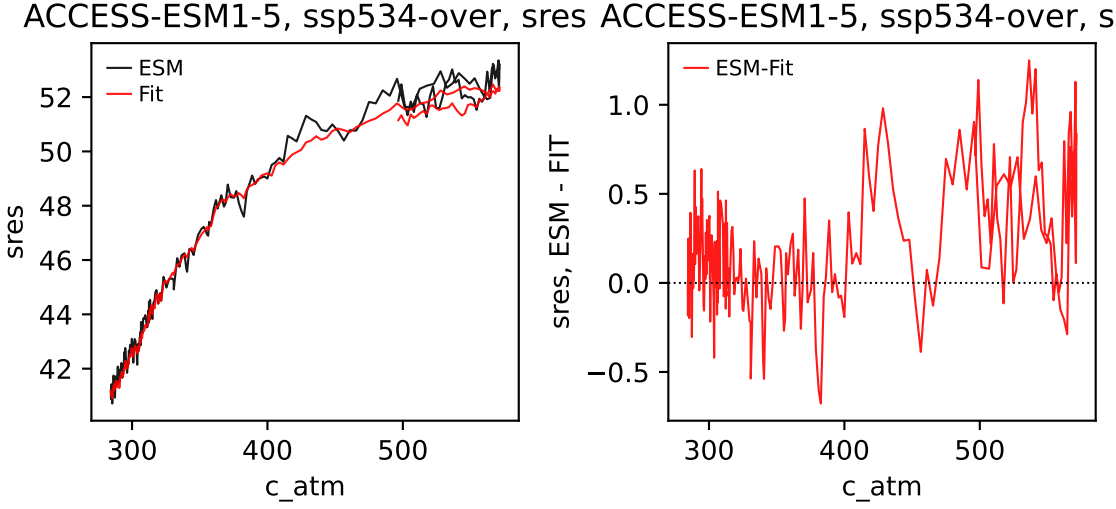

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
968, 1.1950, 324.0002, -1.5192, -0.0086, 0.2000, 0.9997, 0.9406, 0
ACCESS-ESM1-5
vres_hyst
vres_c_half
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
250
500
750
1000
1250
1500
1750
2000
10.5
9.6
8.7
7.8
6.9
6.0
5.1
4.2
3.3
2.4

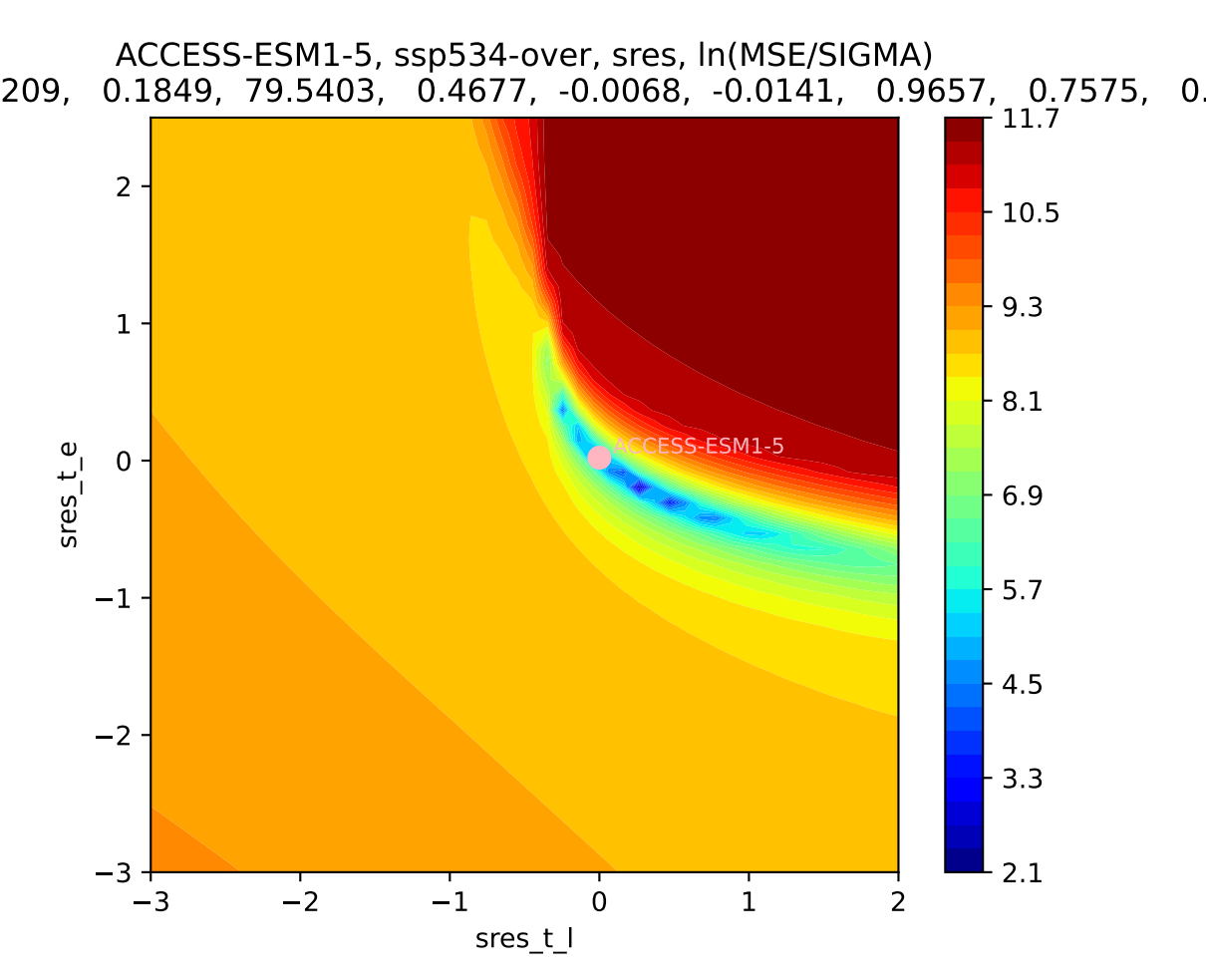

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
968, 1.1950, 324.0002, -1.5192, -0.0086, 0.2000, 0.9997, 0.9406, 0
ACCESS-ESM1-5
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
vres_fast
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
vres_c_tan
8.1
7.2
6.3
5.4
4.5
3.6
2.7
1.8
0.9
0.0

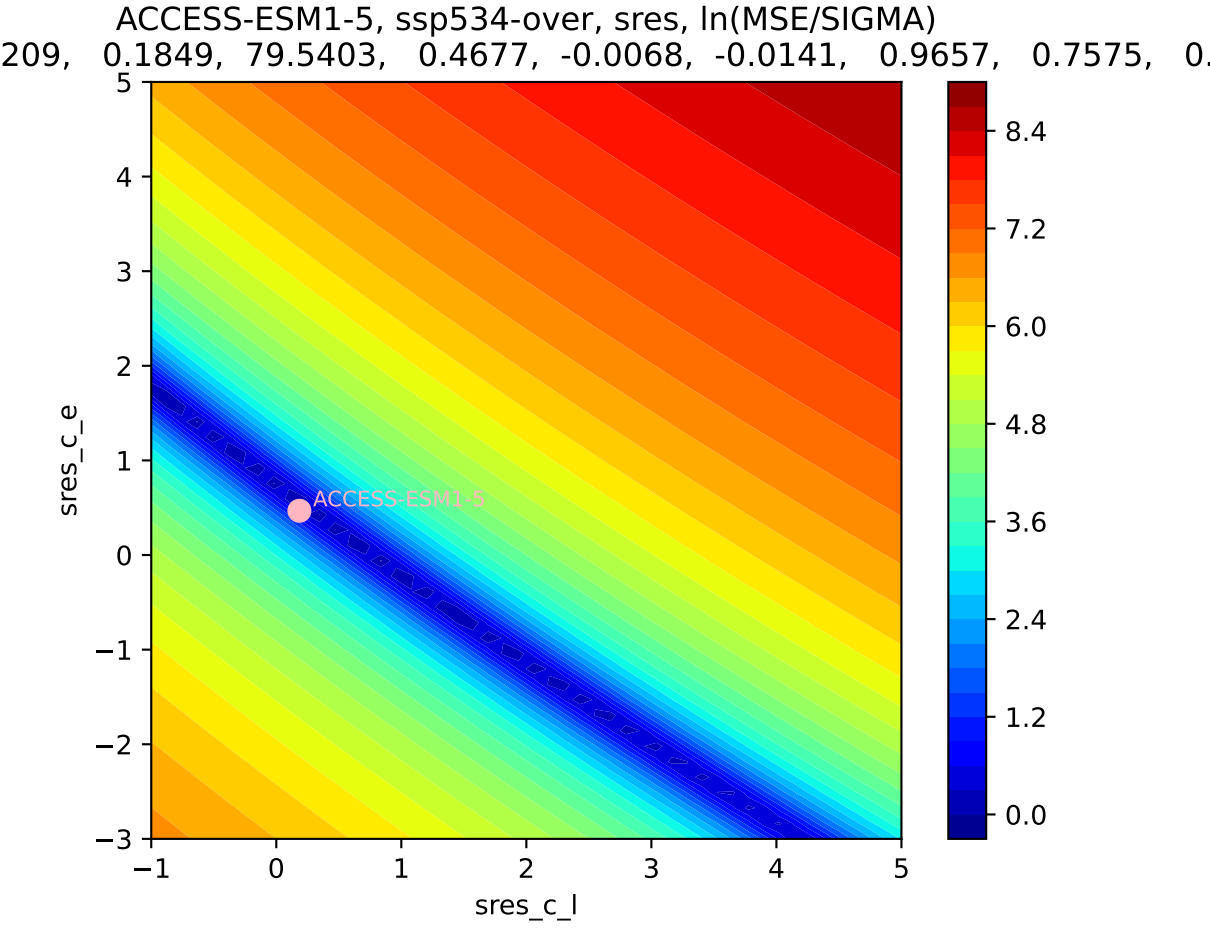

ACCESS-ESM1-5, ssp534-over, vres, ln(MSE/SIGMA)
968, 1.1950, 324.0002, -1.5192, -0.0086, 0.2000, 0.9997, 0.9406, 0
1e−14+2.469985317e−1
ACCESS-ESM1-5
vres_slow
vres_c_tan2
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
−0.04
−0.02
0.00
0.02
0.04
60.801
60.202
59.602
59.003
58.403
57.804
57.201
56.602
56.002

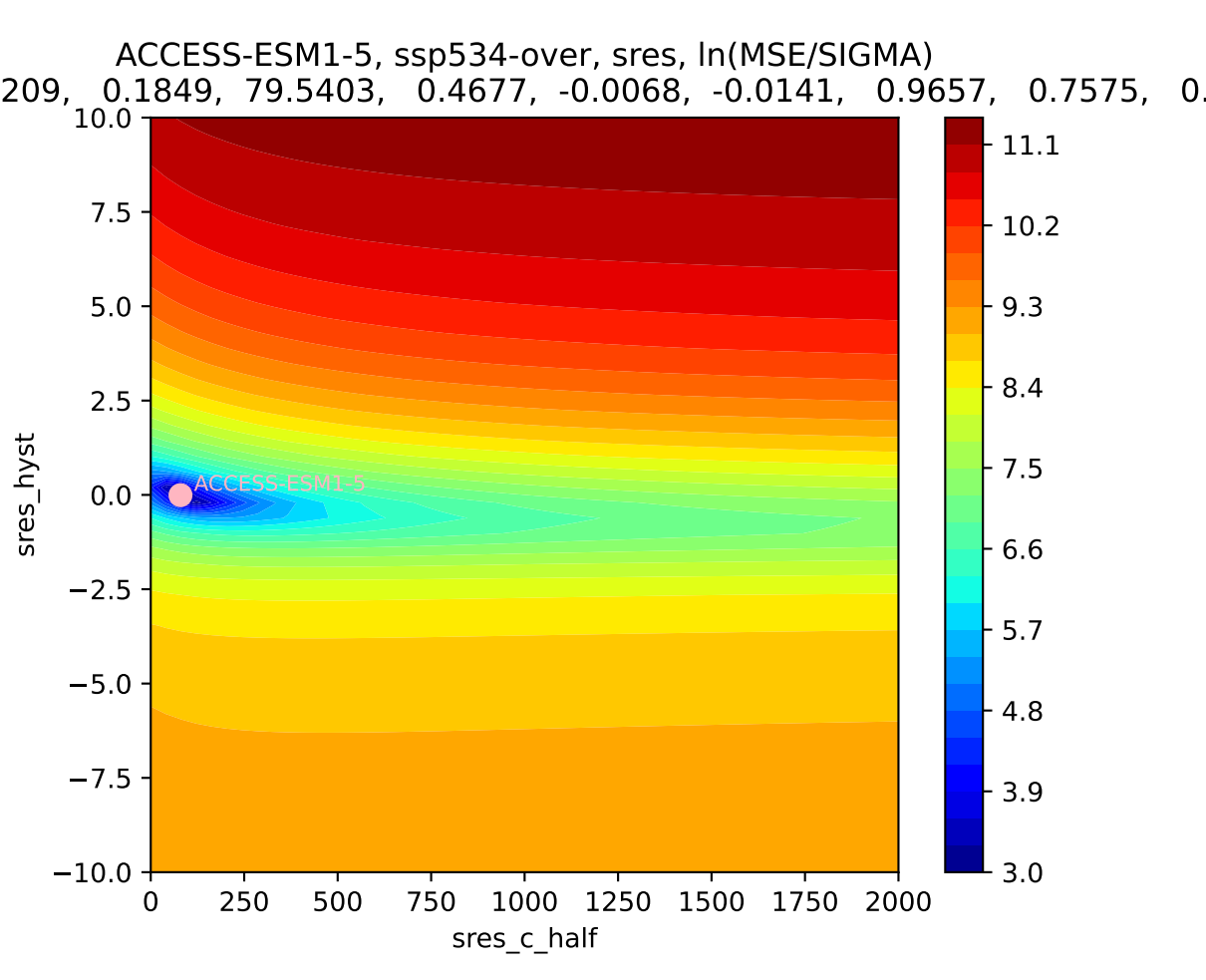

ACCESS-ESM1-5, ssp534-over, sres
ESM
Fit
sres
Year
ACCESS-ESM1-5, ssp534-over, sr
ESM-Fit
sres, ESM - FIT
Year

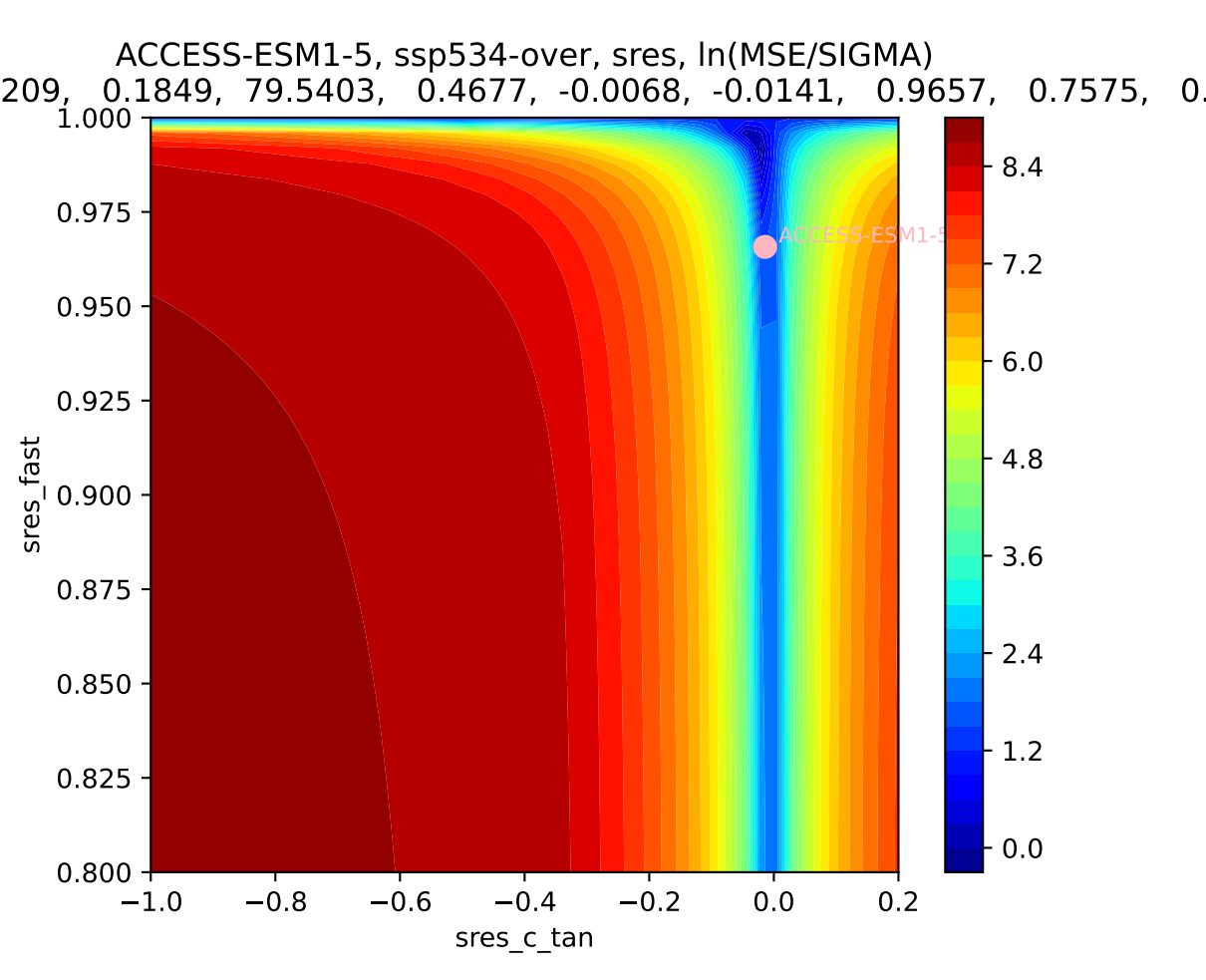

ACCESS-ESM1-5, ssp534-over, sres
ESM
Fit
sres
ΔT
ACCESS-ESM1-5, ssp534-over, sr
ESM-Fit
sres, ESM - FIT
ΔT

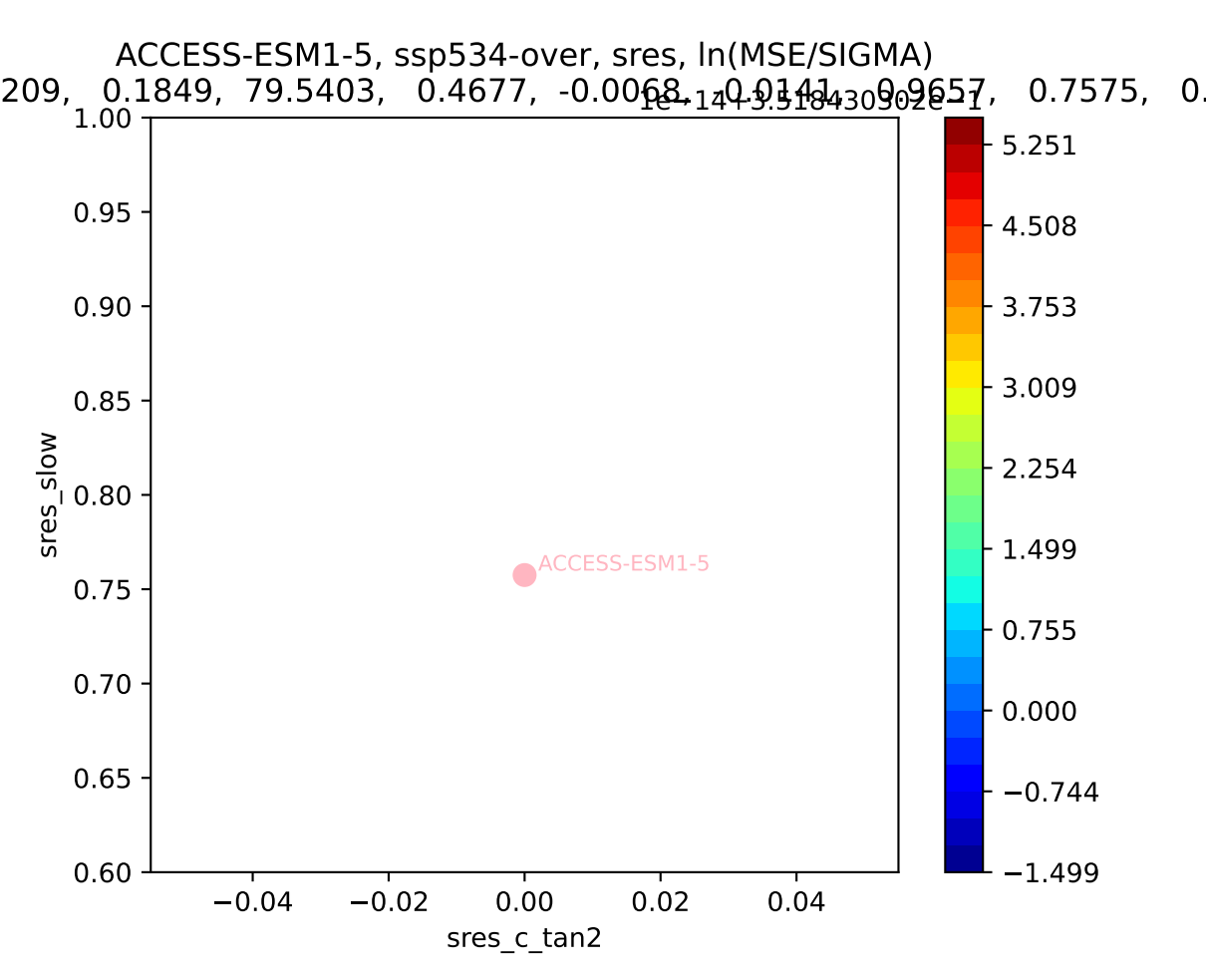

ACCESS-ESM1-5, ssp534-over, sres
ESM
Fit
sres
c_atm
ACCESS-ESM1-5, ssp534-over, sr
ESM-Fit
sres, ESM - FIT
c_atm

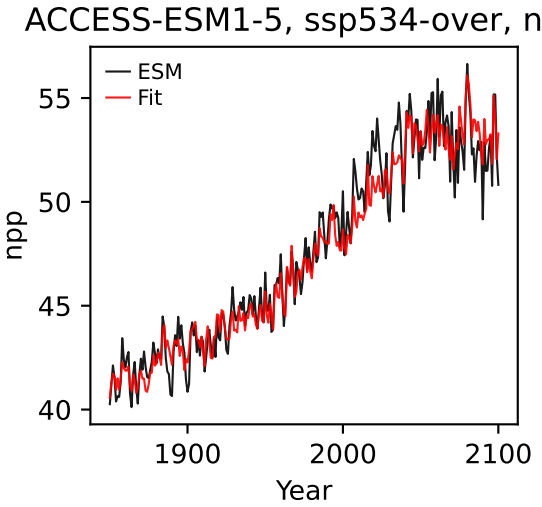

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
209, 0.1849, 79.5403, 0.4677, -0.0068, -0.0141, 0.9657, 0.7575, 0.
ACCESS-ESM1-5
sres_t_e
sres_t_l
−3
−2
−1
0
1
2
11.7
10.5
9.3
8.1
6.9
5.7
4.5
3.3
2.1

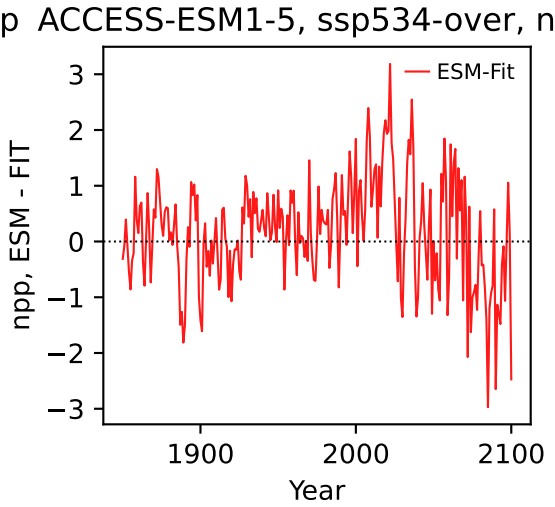

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
209, 0.1849, 79.5403, 0.4677, -0.0068, -0.0141, 0.9657, 0.7575, 0.
ACCESS-ESM1-5
sres_c_e
sres_c_l
5
4
3
2
1
0
−1
−2
−3
−1
0
1
2
3
4
5
8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0

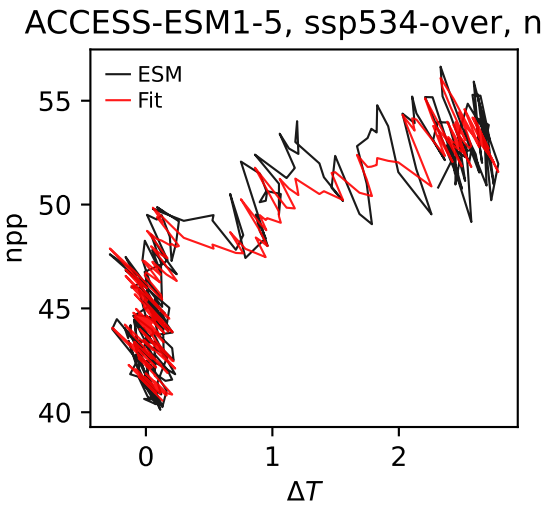

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
209, 0.1849, 79.5403, 0.4677, -0.0068, -0.0141, 0.9657, 0.7575, 0.
ACCESS-ESM1-5
sres_hyst
sres_c_half
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
250
500
750
1000
1250
1500
1750
2000
11.1
10.2
9.3
8.4
7.5
6.6
5.7
4.8
3.9
3.0

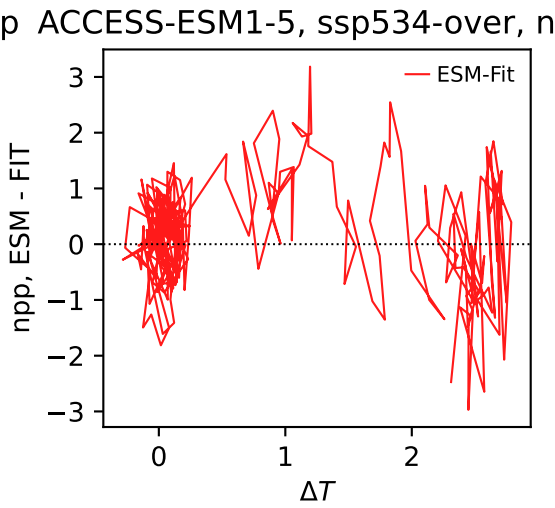

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
209, 0.1849, 79.5403, 0.4677, -0.0068, -0.0141, 0.9657, 0.7575, 0.
ACCESS-ESM1-5
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
sres_fast
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
sres_c_tan
8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0

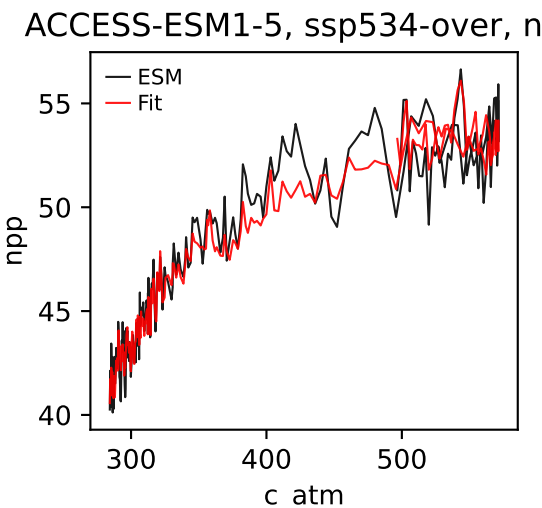

ACCESS-ESM1-5, ssp534-over, sres, ln(MSE/SIGMA)
209, 0.1849, 79.5403, 0.4677, -0.0068, -0.0141, 0.9657, 0.7575, 0.
1e-14+3.518430302e-1
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
sres_slow
ACCESS-ESM1-5
−0.04
−0.02
0.00
0.02
0.04
sres_c_tan2
5.251
4.508
3.753
3.009
2.254
1.499
0.755
0.000
−0.744
−1.499

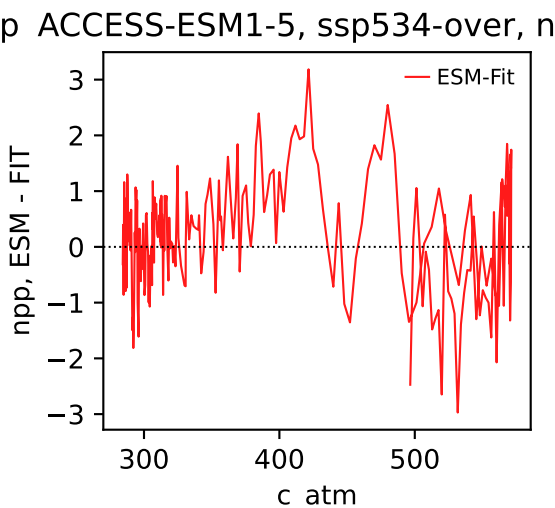

ACCESS-ESM1-5, ssp534-over, npp
ESM
Fit
npp
Year

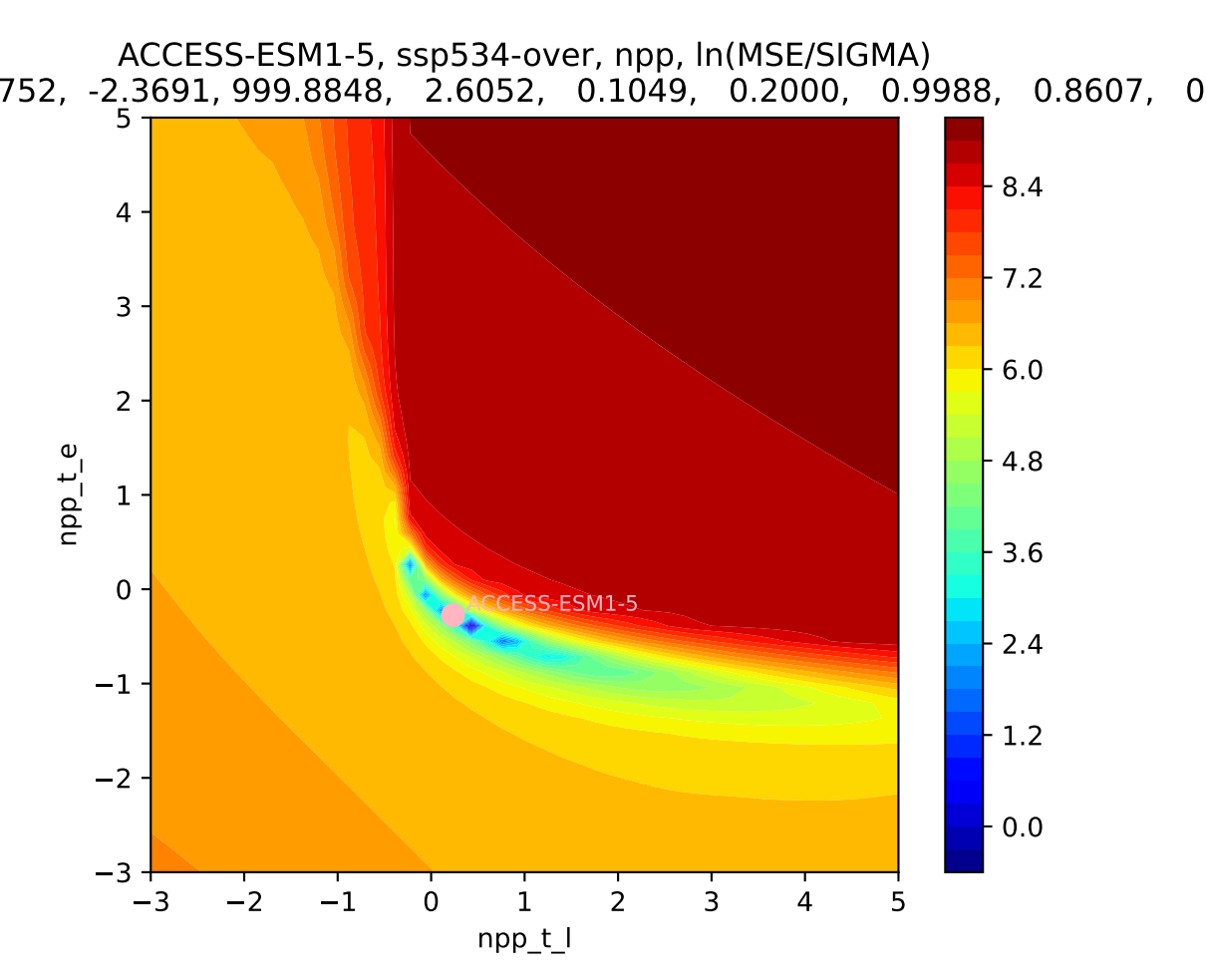

ACCESS-ESM1-5, ssp534-over, np
ESM-Fit
npp, ESM - FIT
Year

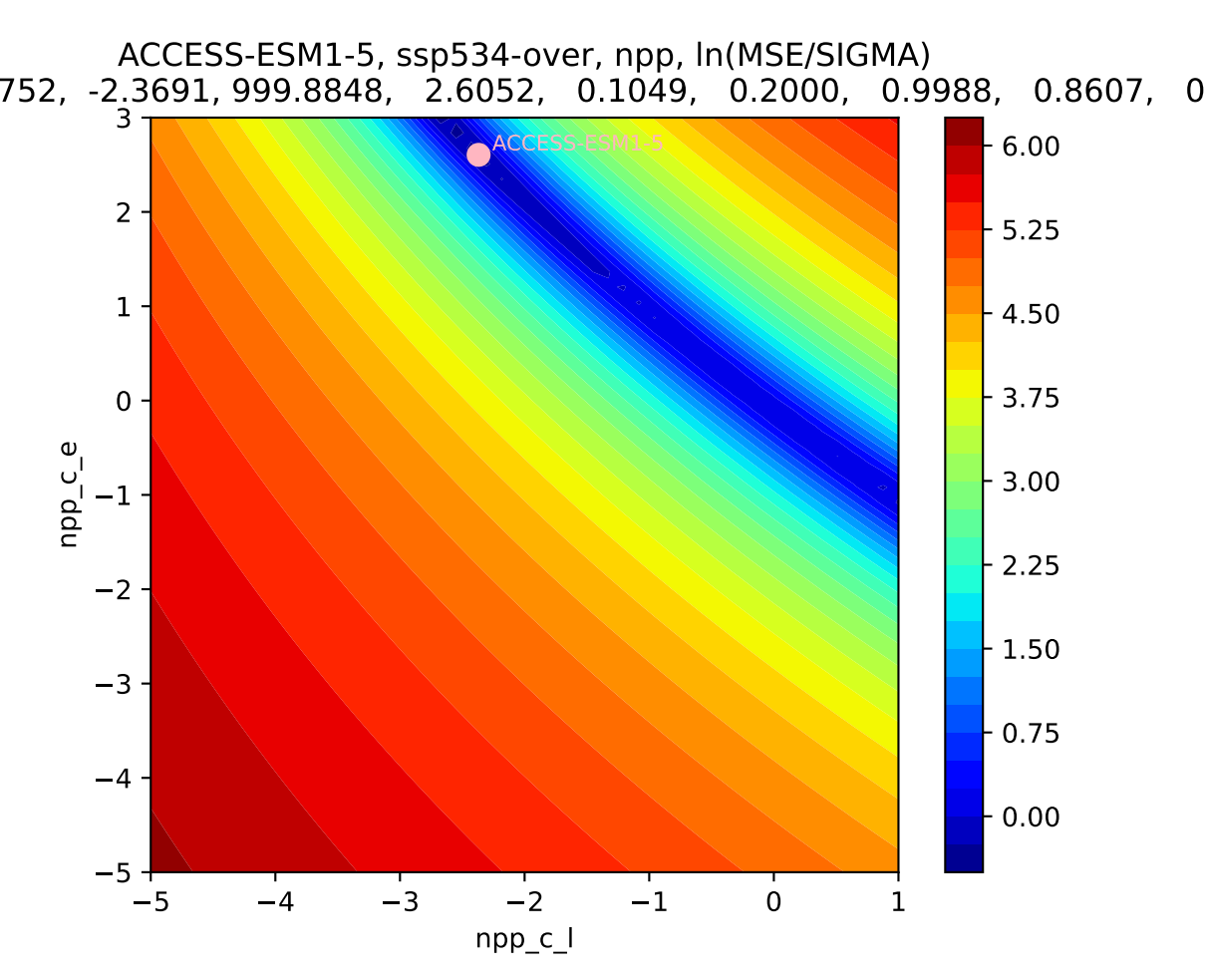

ACCESS-ESM1-5, ssp534-over, npp
ESM
Fit
npp
ΔT

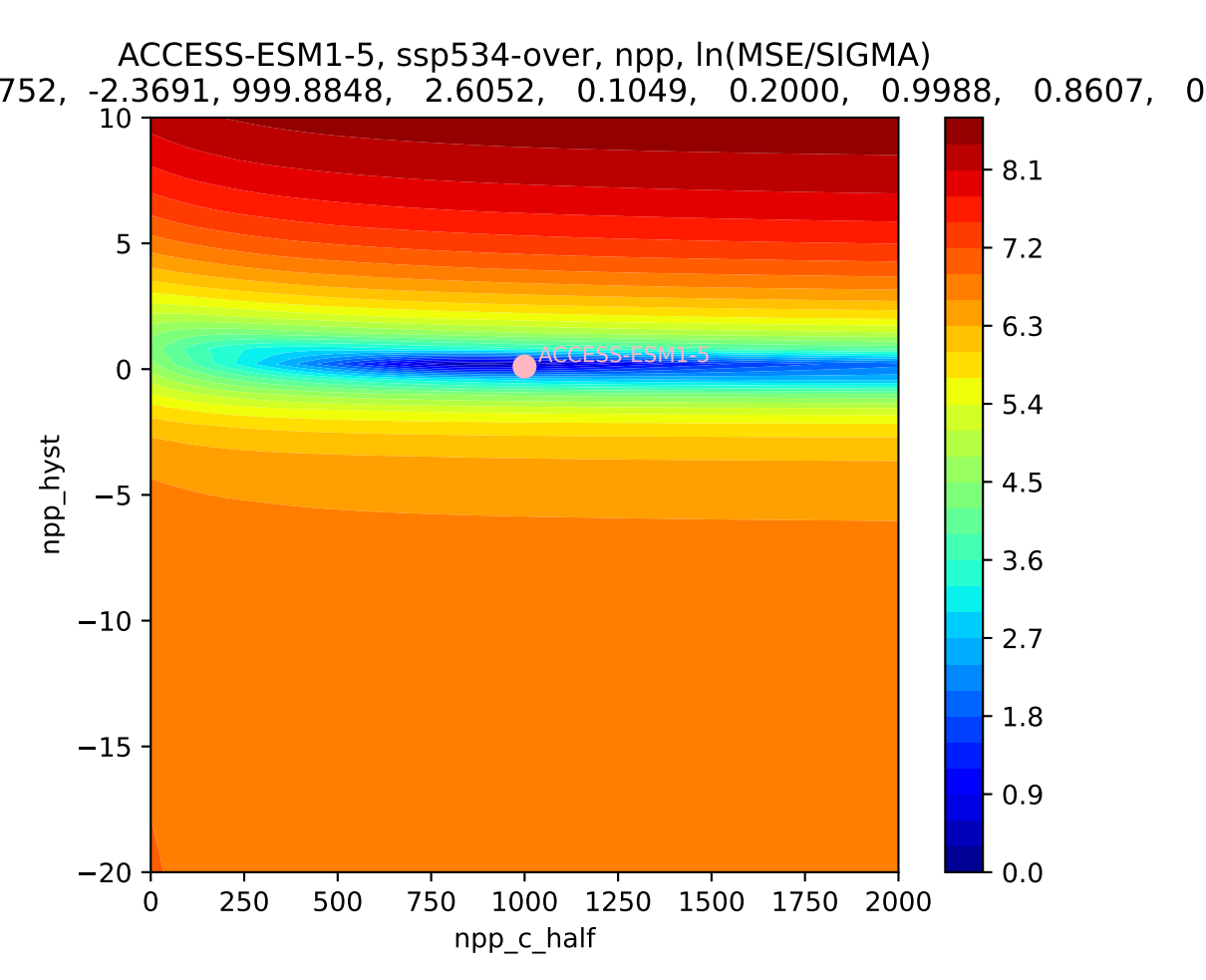

ACCESS-ESM1-5, ssp534-over, np
ESM-Fit
npp, ESM - FIT
ΔT

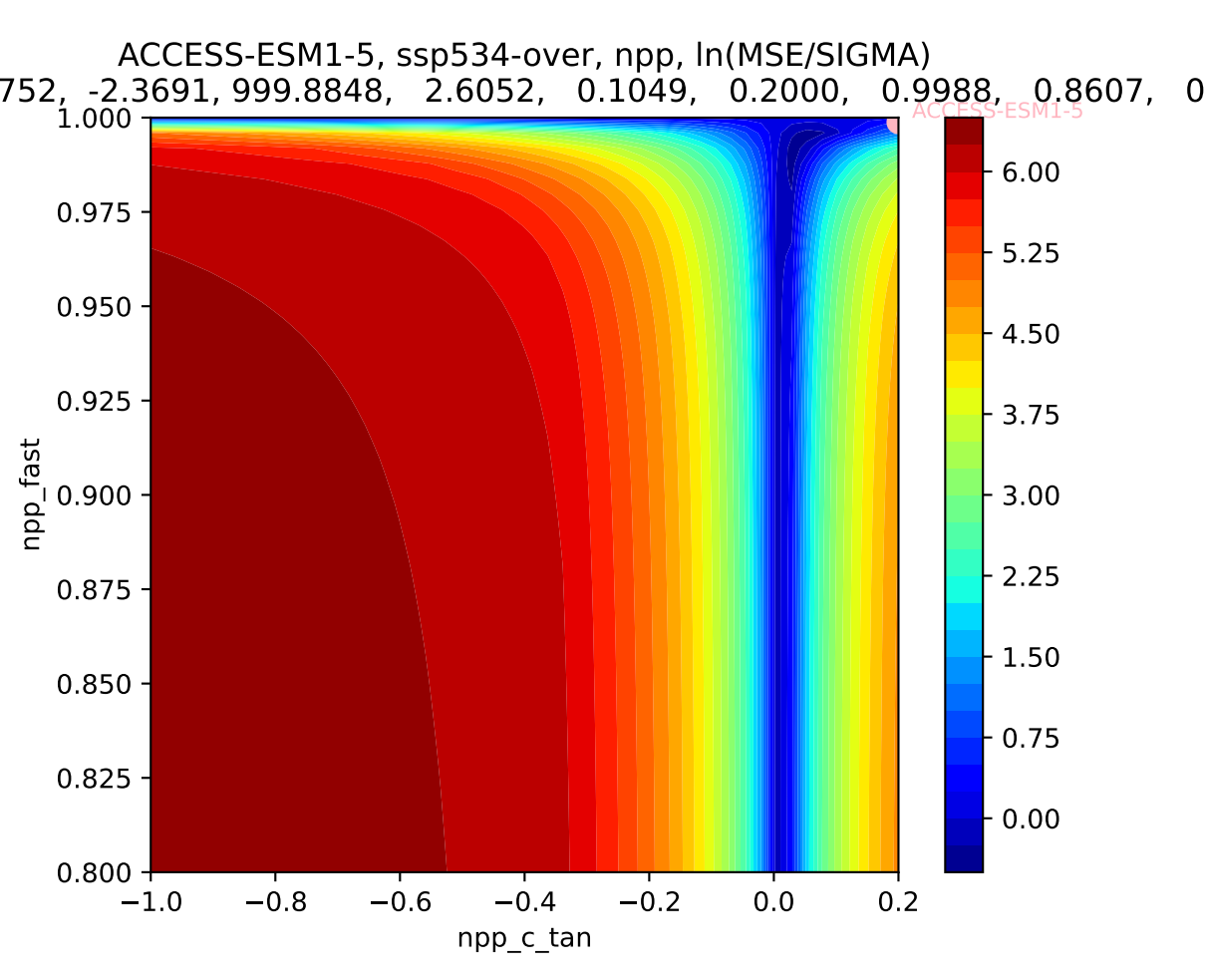

ACCESS-ESM1-5, ssp534-over, npp
ESM
Fit
npp
c_atm

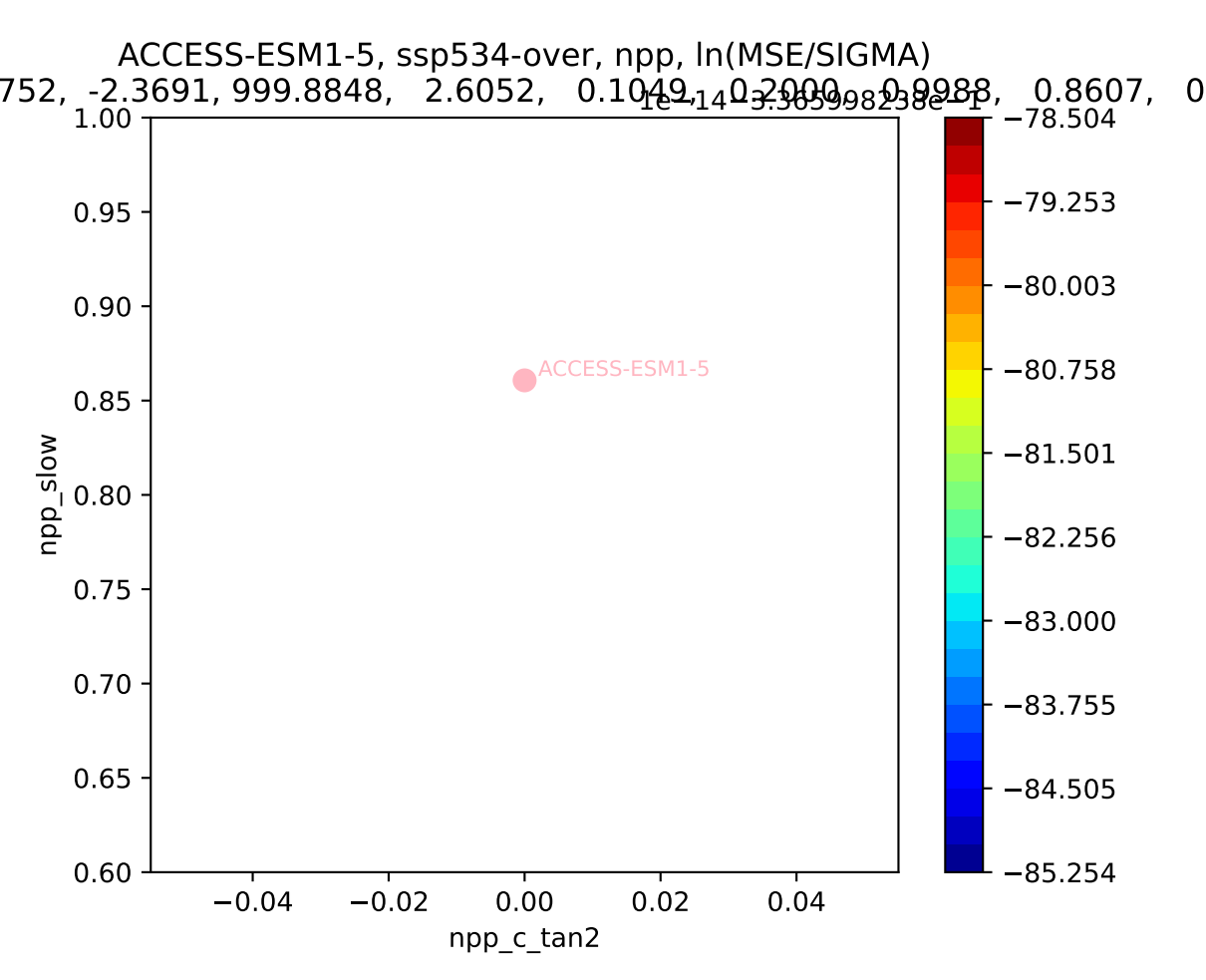

ACCESS-ESM1-5, ssp534-over, np
ESM-Fit
npp, ESM - FIT
c_atm

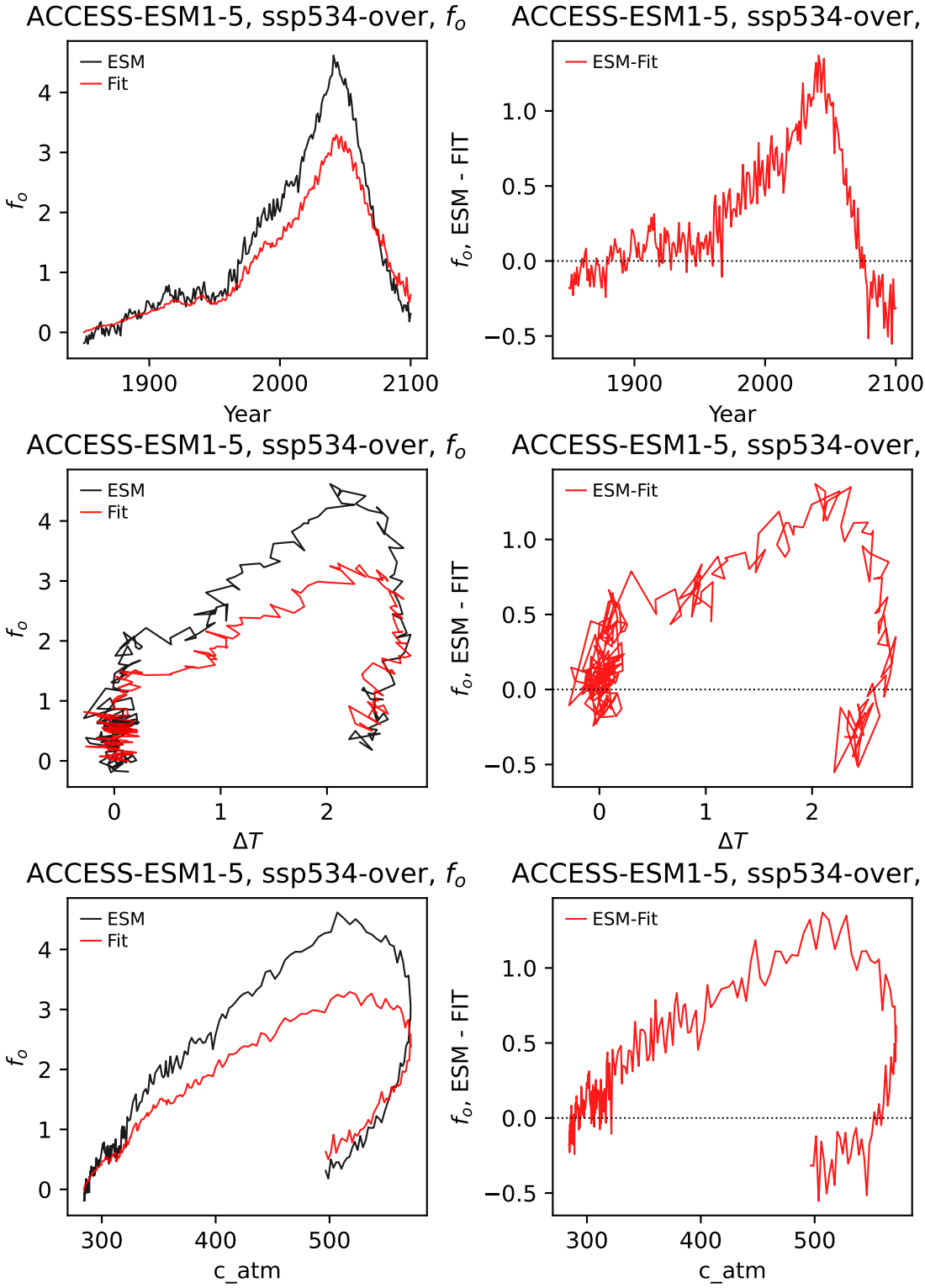

ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
752, -2.3691, 999.8848, 2.6052, 0.1049, 0.2000, 0.9988, 0.8607, 0
ACCESS-ESM1-5
npp_t_e
npp_t_l
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0

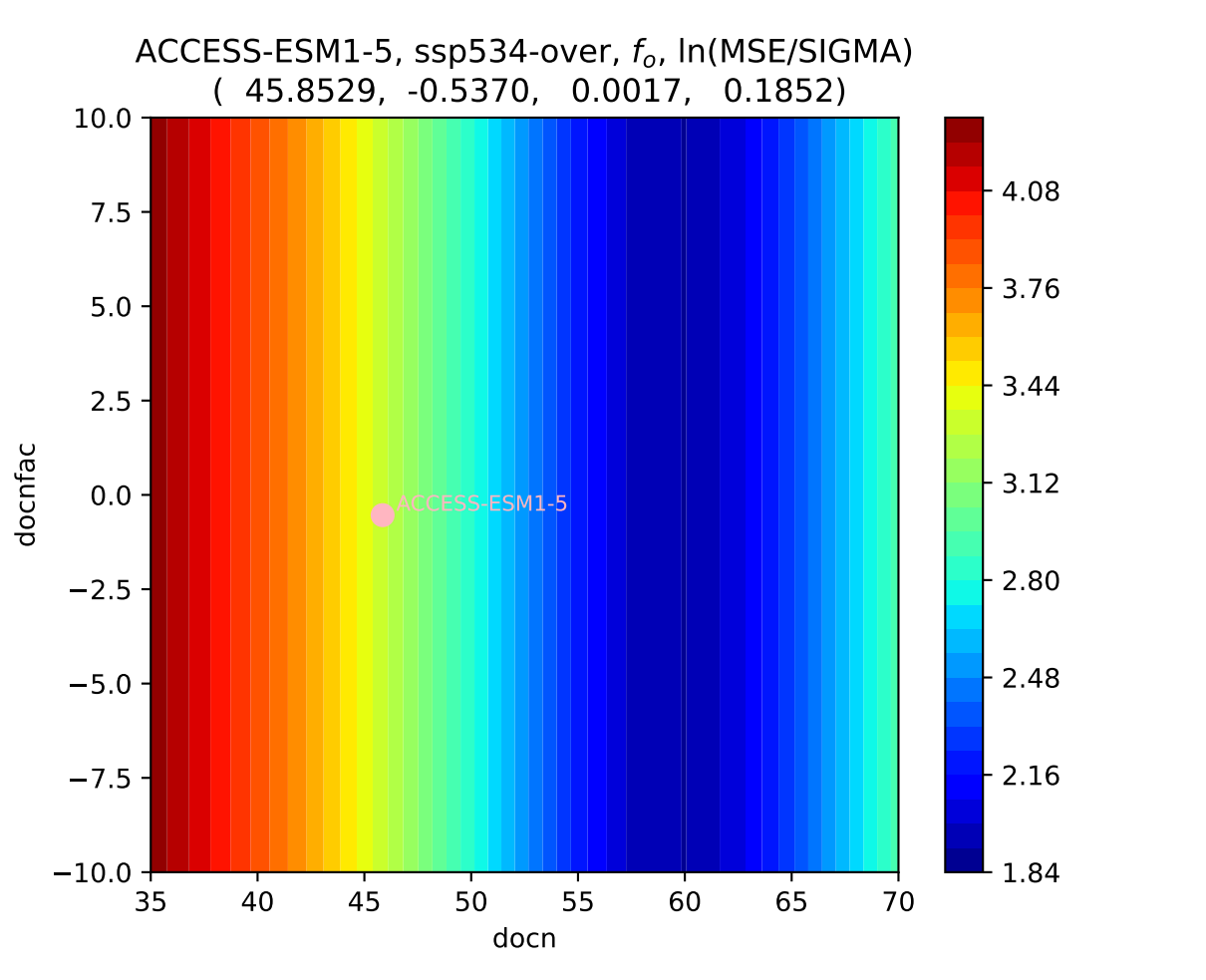

ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
752, -2.3691, 999.8848, 2.6052, 0.1049, 0.2000, 0.9988, 0.8607, 0
ACCESS-ESM1-5
npp_c_e
npp_c_l
3
2
1
0
−1
−2
−3
−4
−5
−5
−4
−3
−2
−1
0
1
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00

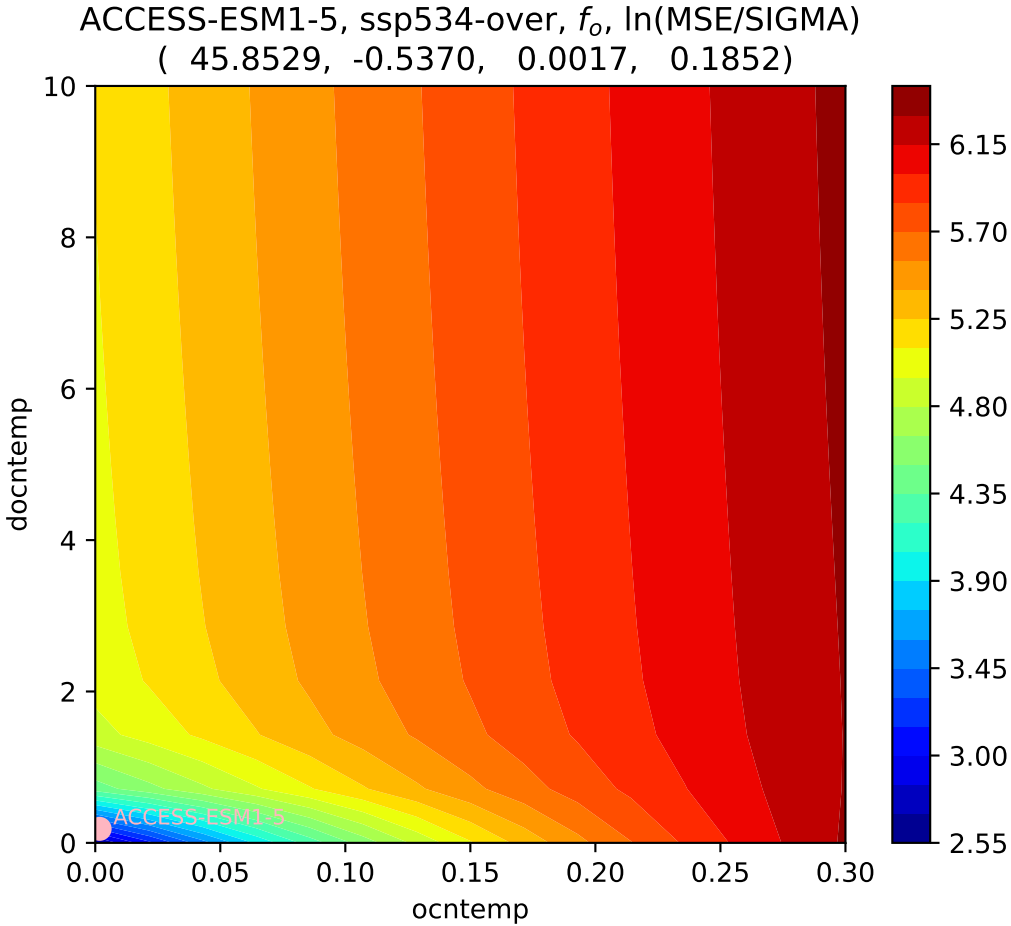

ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
752, -2.3691, 999.8848, 2.6052, 0.1049, 0.2000, 0.9988, 0.8607, 0
ACCESS-ESM1-5
npp_hyst
npp_c_half
10
5
0
−5
−10
−15
−20
0
250
500
750
1000
1250
1500
1750
2000
8.1
7.2
6.3
5.4
4.5
3.6
2.7
1.8
0.9
0.0


ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
752, -2.3691, 999.8848, 2.6052, 0.1049, 0.2000, 0.9988, 0.8607, 0
ACCESS-ESM1-5
1.000
0.975
0.950
0.925
0.900
0.875
0.850
0.825
0.800
npp_fast
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
npp_c_tan
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00


ACCESS-ESM1-5, ssp534-over, npp, ln(MSE/SIGMA)
752, -2.3691, 999.8848, 2.6052, 0.1049, 0.2000, 0.9988, 0.8607, 0
1e−14 − 3.365998238e−1
ACCESS-ESM1-5
npp_slow
npp_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
−78.504
−79.253
−80.003
−80.758
−81.501
−82.256
−83.000
−83.755
−84.505
−85.254


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)
(45.8529, -0.5370, 0.0017, 0.1852)
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
4.08
3.76
3.44
3.12
2.80
2.48
2.16
1.84


ACCESS-ESM1-5, ssp534-over, f_o, ln(MSE/SIGMA)
(45.8529, -0.5370, 0.0017, 0.1852)
docntemp
ocntemp
ACCESS-ESM1-5
0
2
4
6
8
10
0.00
0.05
0.10
0.15
0.20
0.25
0.30
6.15
5.70
5.25
4.80
4.35
3.90
3.45
3.00
2.55