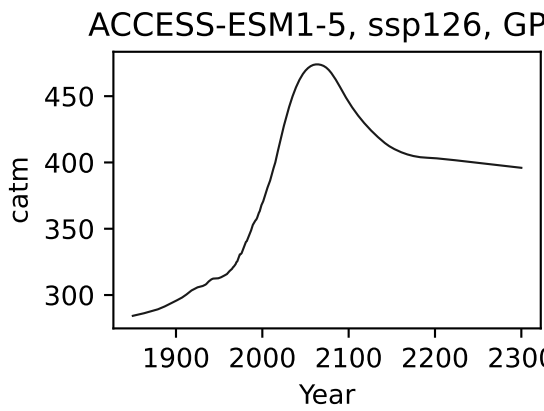
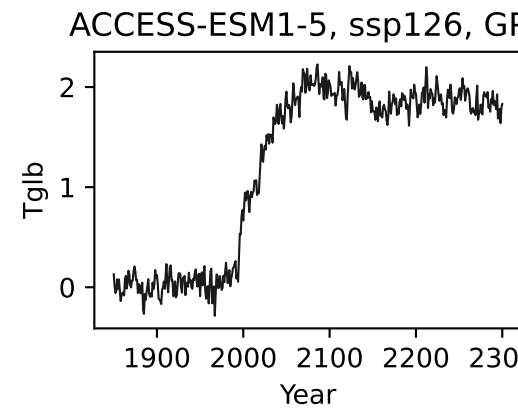
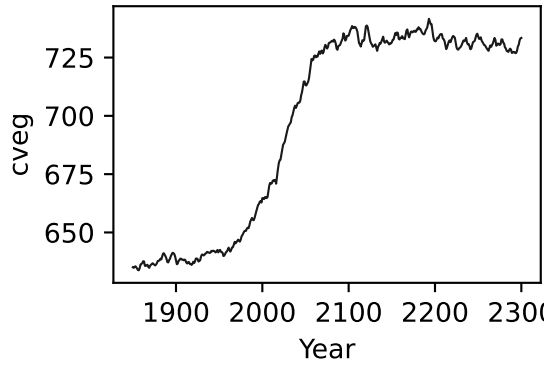
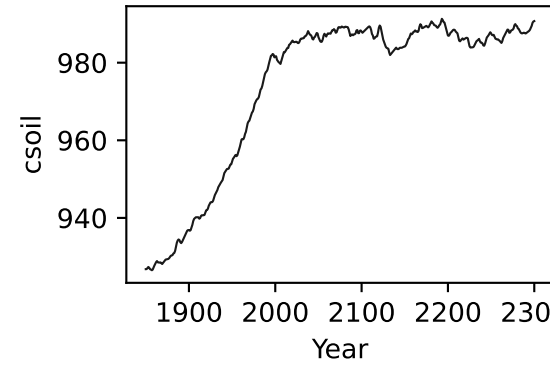
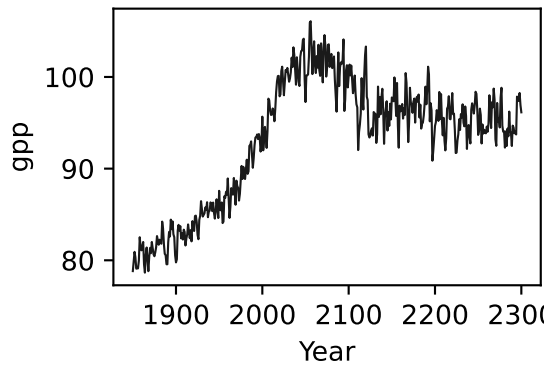
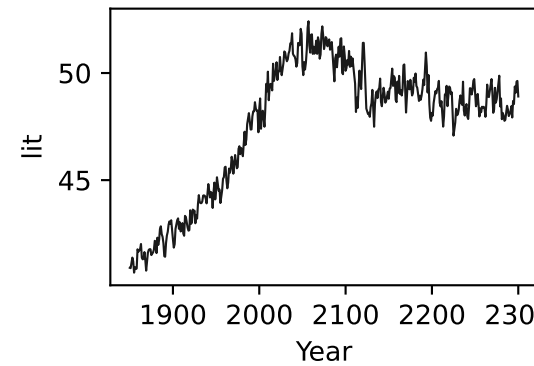

ACCESS-ESM1-5, ssp126, GPP
catm
450
400
350
300
1900
2000
2100
2200
2300
Year

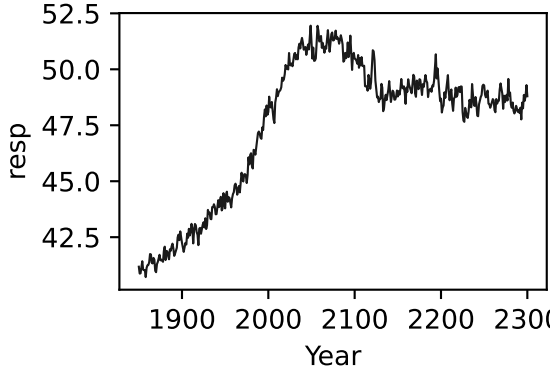

ACCESS-ESM1-5, ssp126, GPP
Tglb
2
1
0
1900
2000
2100
2200
2300
Year

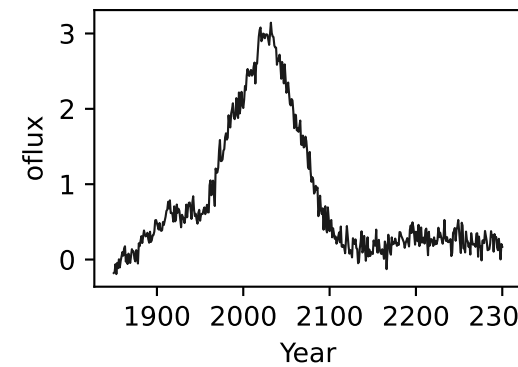

cveg
725
700
675
650
1900
2000
2100
2200
2300
Year

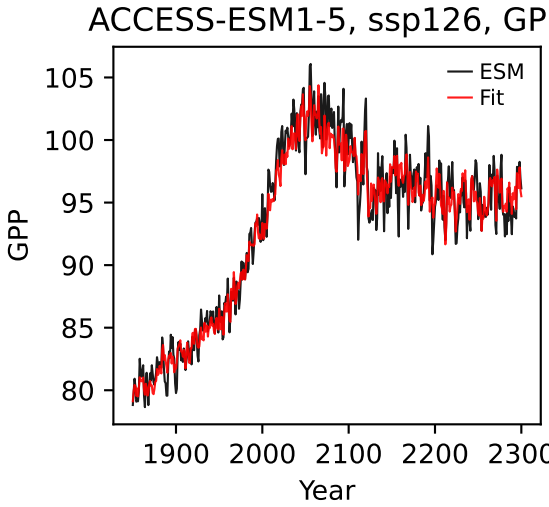

csoil
980
960
940
1900
2000
2100
2200
2300
Year

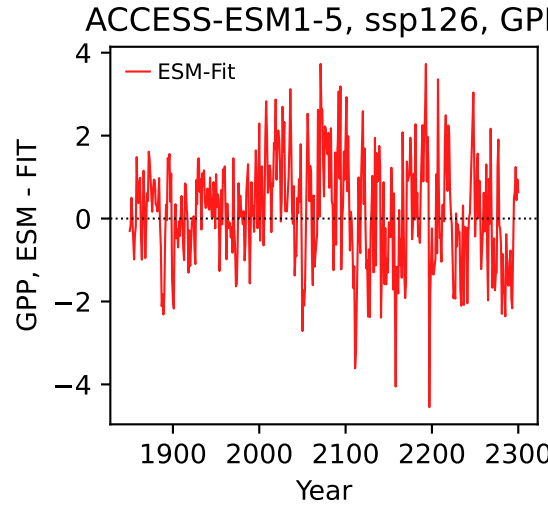

gpp
100
90
80
1900
2000
2100
2200
2300
Year

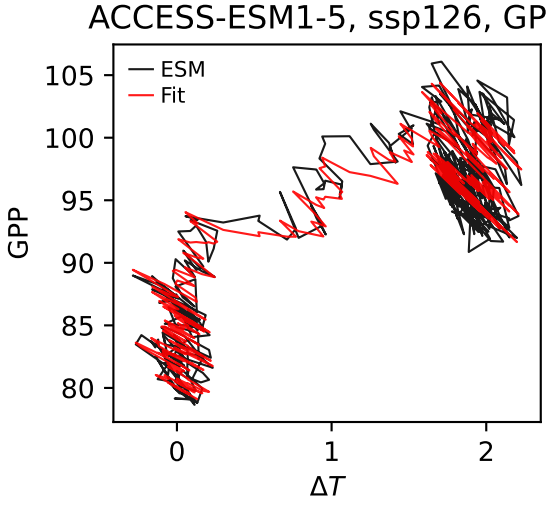

lit
50
45
1900
2000
2100
2200
2300
Year

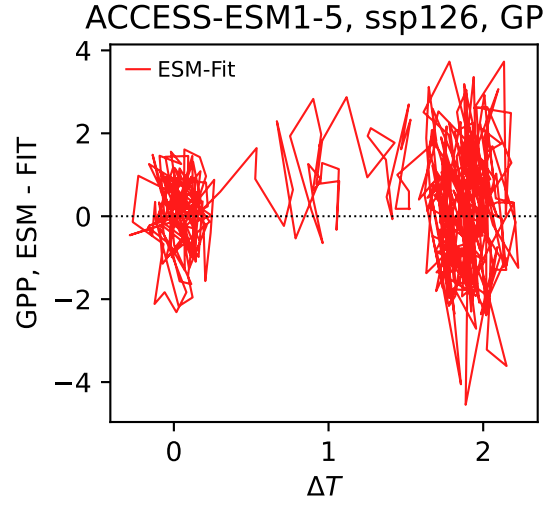

resp
52.5
50.0
47.5
45.0
42.5
1900
2000
2100
2200
2300
Year

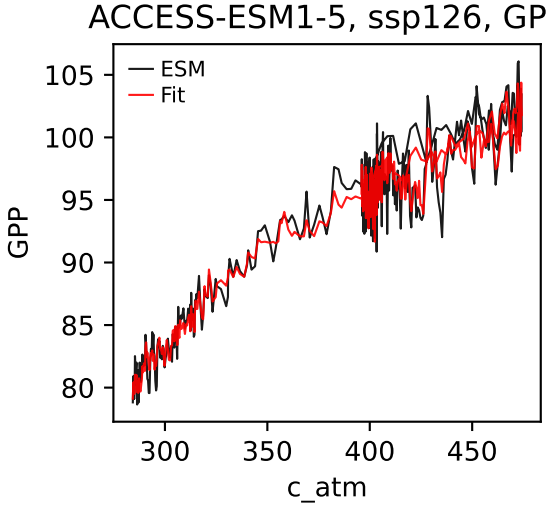

oflux
3
2
1
0
1900
2000
2100
2200
2300
Year

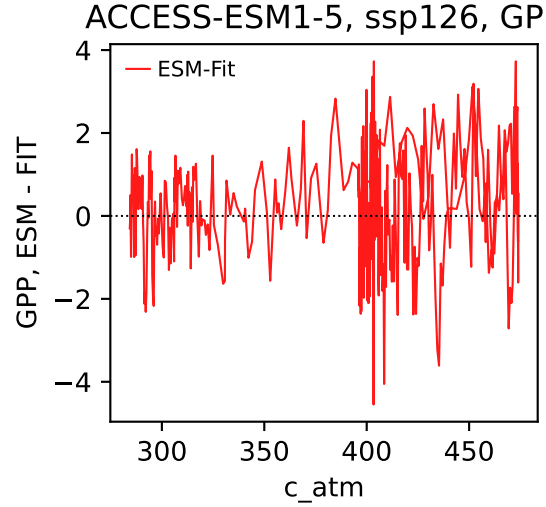

ACCESS-ESM1-5, ssp126, GPP
ESM
Fit
GPP
Year

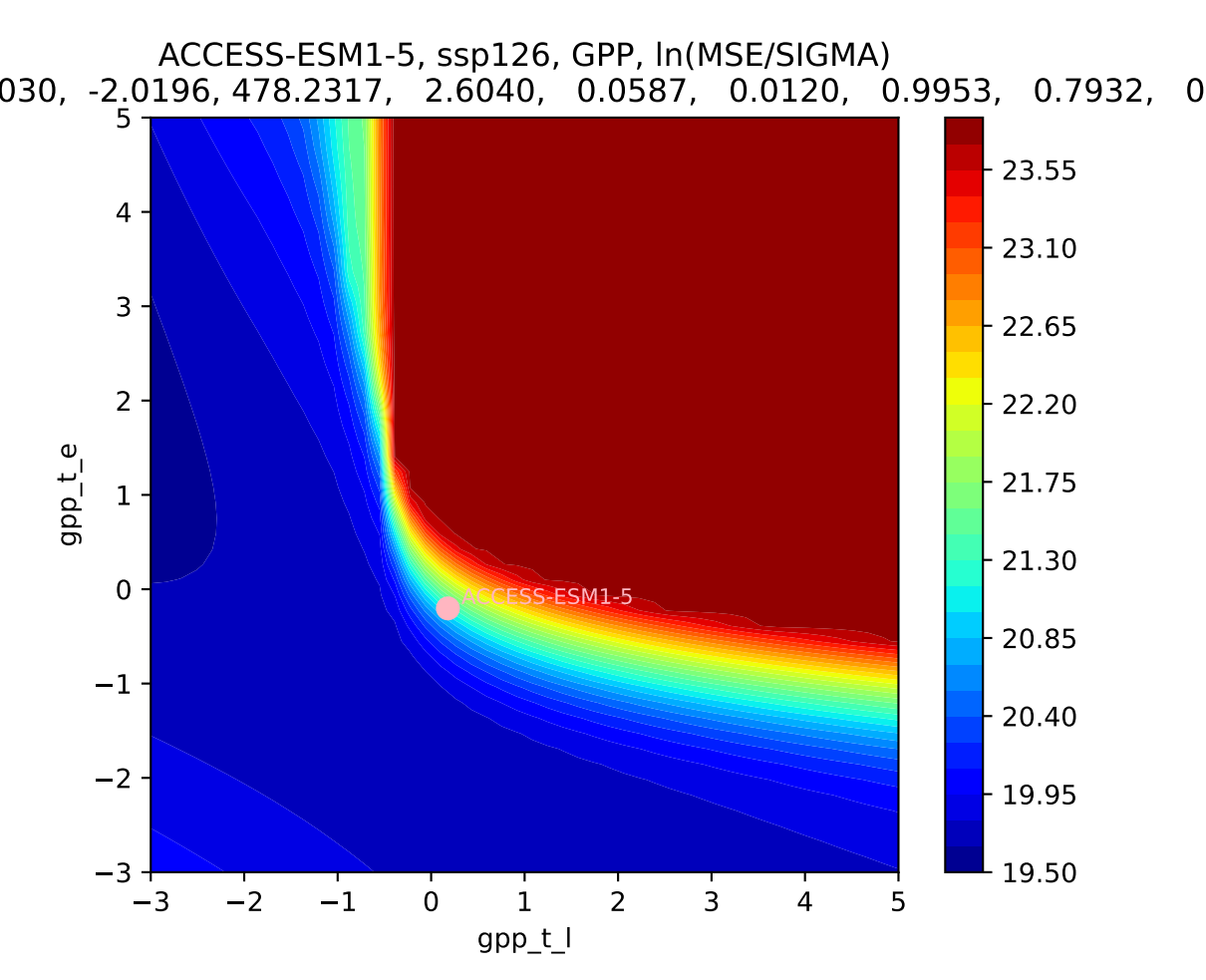

ACCESS-ESM1-5, ssp126, GPP
ESM-Fit
GPP, ESM - FIT
Year

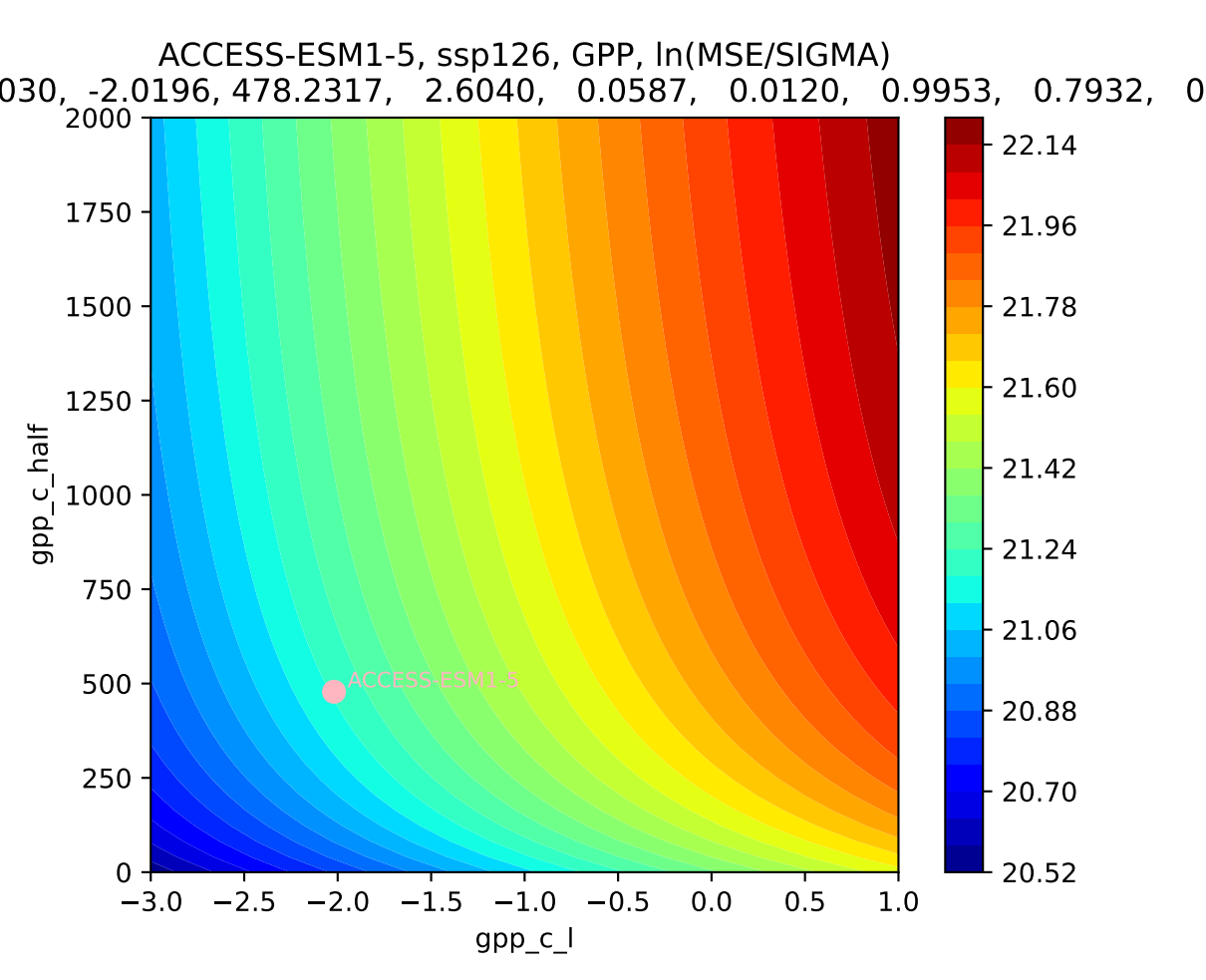

ACCESS-ESM1-5, ssp126, GPP
ESM
Fit
GPP
ΔT

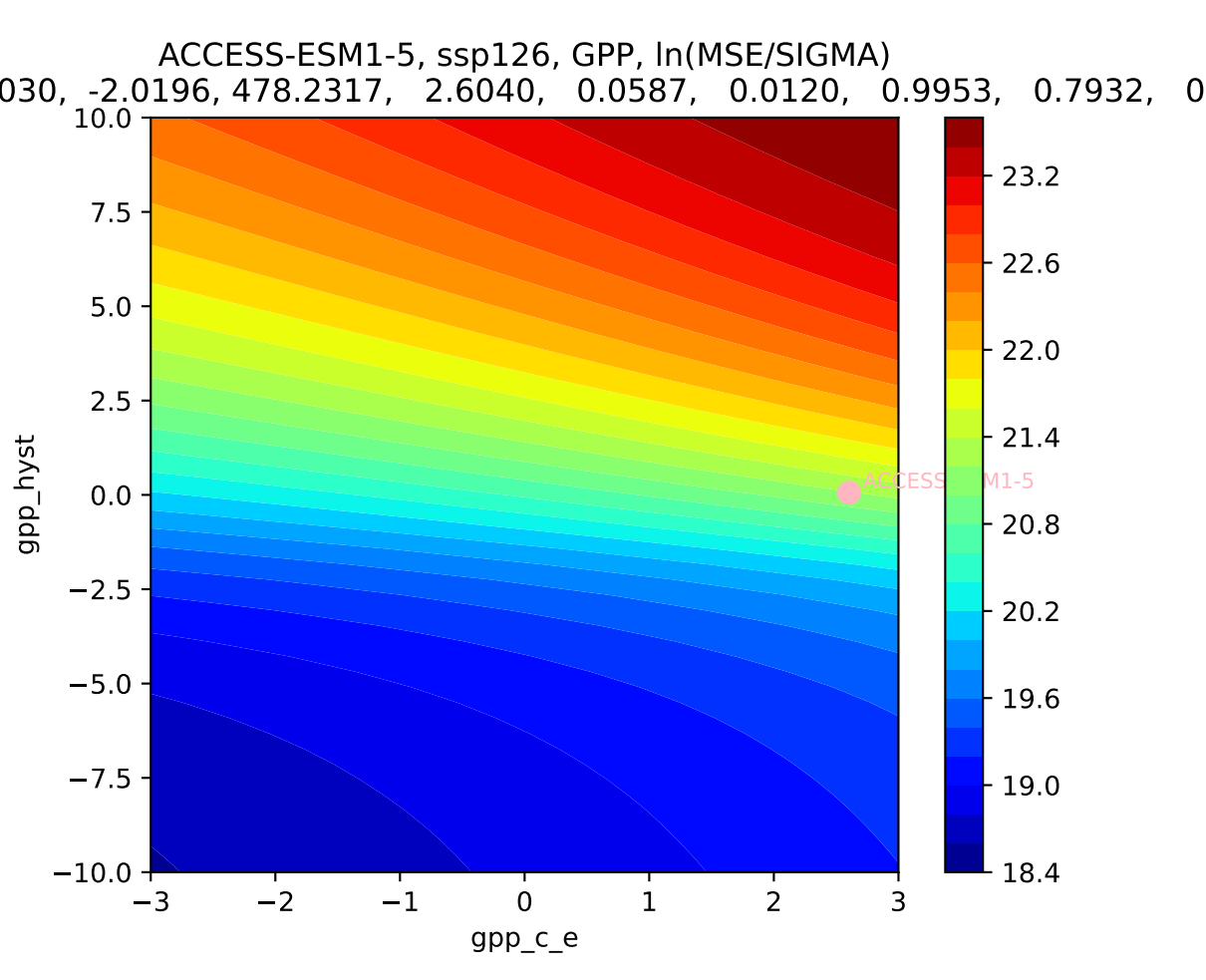

ACCESS-ESM1-5, ssp126, GPP
ESM-Fit
GPP, ESM - FIT
ΔT

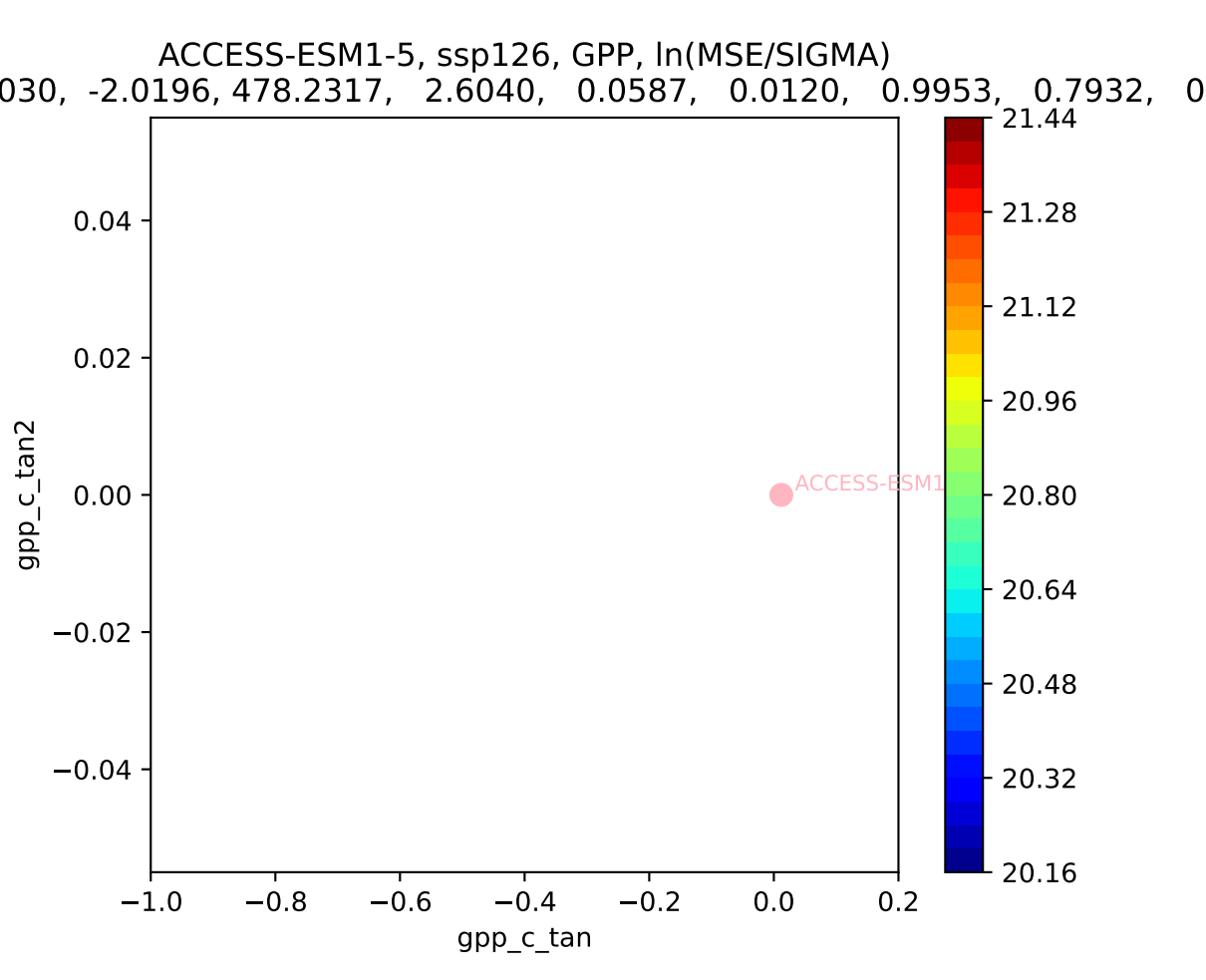

ACCESS-ESM1-5, ssp126, GPP
ESM
Fit
GPP
c_atm

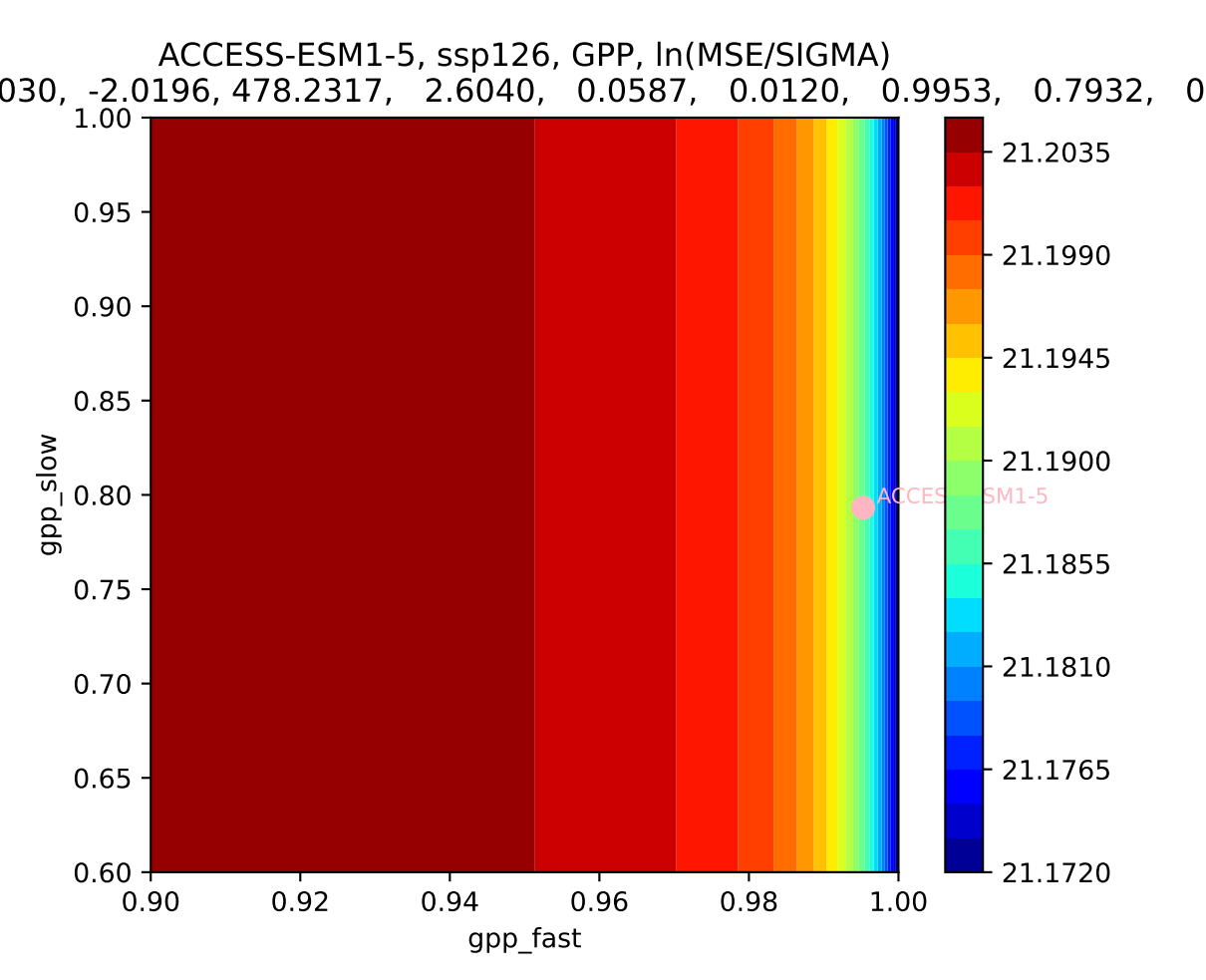

ACCESS-ESM1-5, ssp126, GPP
ESM-Fit
GPP, ESM - FIT
c_atm

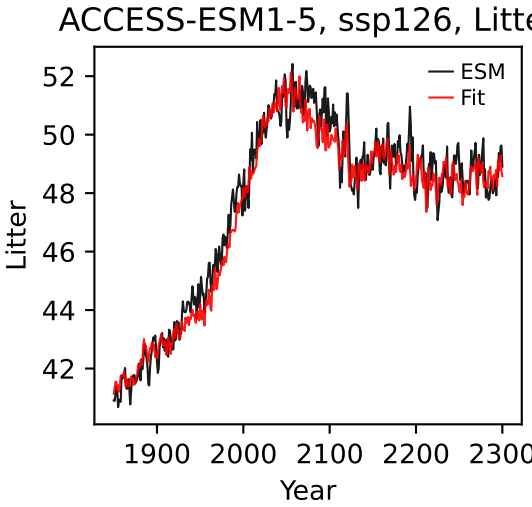

ACCESS-ESM1-5, ssp126, GPP, ln(MSE/SIGMA)
030, -2.0196, 478.2317, 2.6040, 0.0587, 0.0120, 0.9953, 0.7932, 0
ACCESS-ESM1-5
gpp_t_e
gpp_t_l
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
23.55
23.10
22.65
22.20
21.75
21.30
20.85
20.40
19.95
19.50

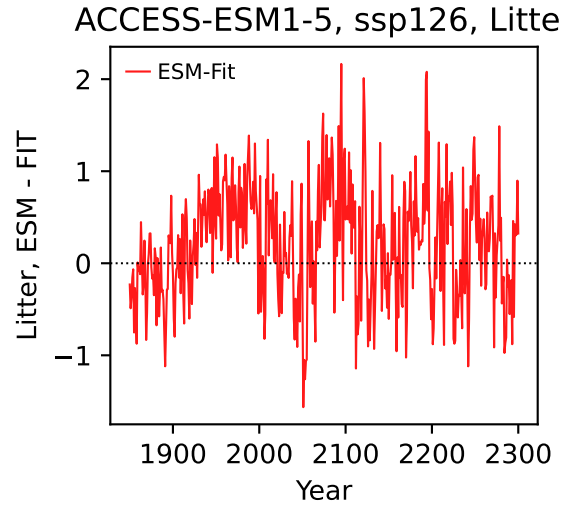

ACCESS-ESM1-5, ssp126, GPP, ln(MSE/SIGMA)
030, -2.0196, 478.2317, 2.6040, 0.0587, 0.0120, 0.9953, 0.7932, 0
gpp_c_half
gpp_c_l
ACCESS-ESM1-5
2000
1750
1500
1250
1000
750
500
250
0
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
22.14
21.96
21.78
21.60
21.42
21.24
21.06
20.88
20.70
20.52

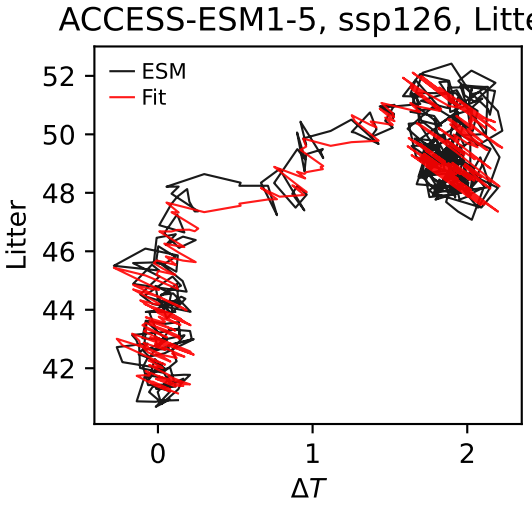

ACCESS-ESM1-5, ssp126, GPP, ln(MSE/SIGMA)
030, -2.0196, 478.2317, 2.6040, 0.0587, 0.0120, 0.9953, 0.7932, 0
gpp_hyst
gpp_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
23.2
22.6
22.0
21.4
20.8
20.2
19.6
19.0
18.4

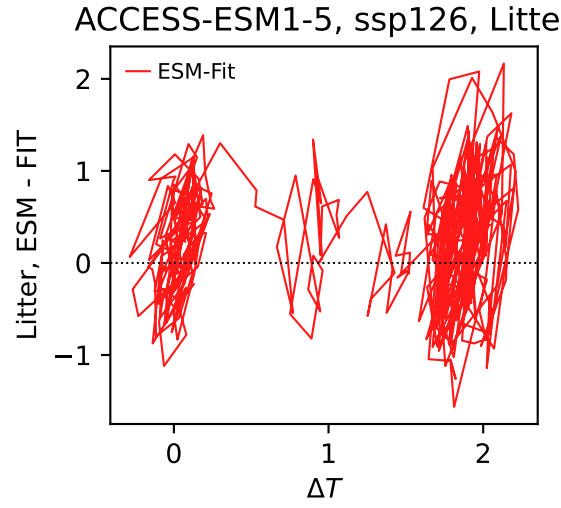

ACCESS-ESM1-5, ssp126, GPP, ln(MSE/SIGMA)
030, -2.0196, 478.2317, 2.6040, 0.0587, 0.0120, 0.9953, 0.7932, 0
gpp_c_tan2
gpp_c_tan
0.04
0.02
0.00
−0.02
−0.04
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
21.44
21.28
21.12
20.96
20.80
20.64
20.48
20.32
20.16
ACCESS-ESM1

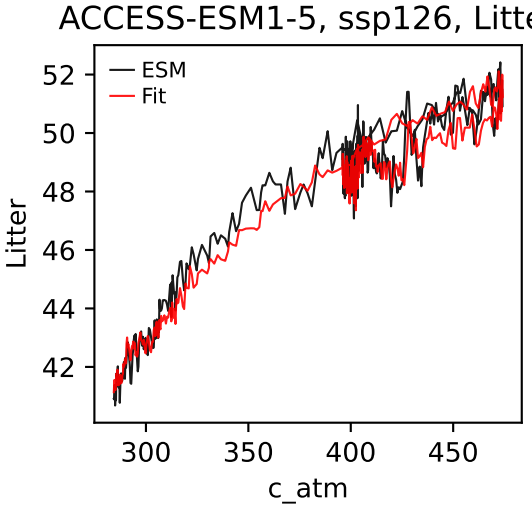

ACCESS-ESM1-5, ssp126, GPP, ln(MSE/SIGMA)
030, -2.0196, 478.2317, 2.6040, 0.0587, 0.0120, 0.9953, 0.7932, 0
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
gpp_slow
0.90
0.92
0.94
0.96
0.98
1.00
gpp_fast
21.2035
21.1990
21.1945
21.1900
21.1855
21.1810
21.1765
21.1720

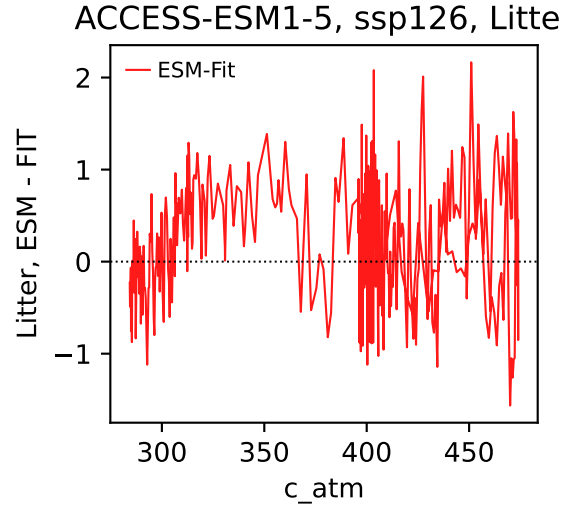

ACCESS-ESM1-5, ssp126, Litter
ESM
Fit
Litter
Year

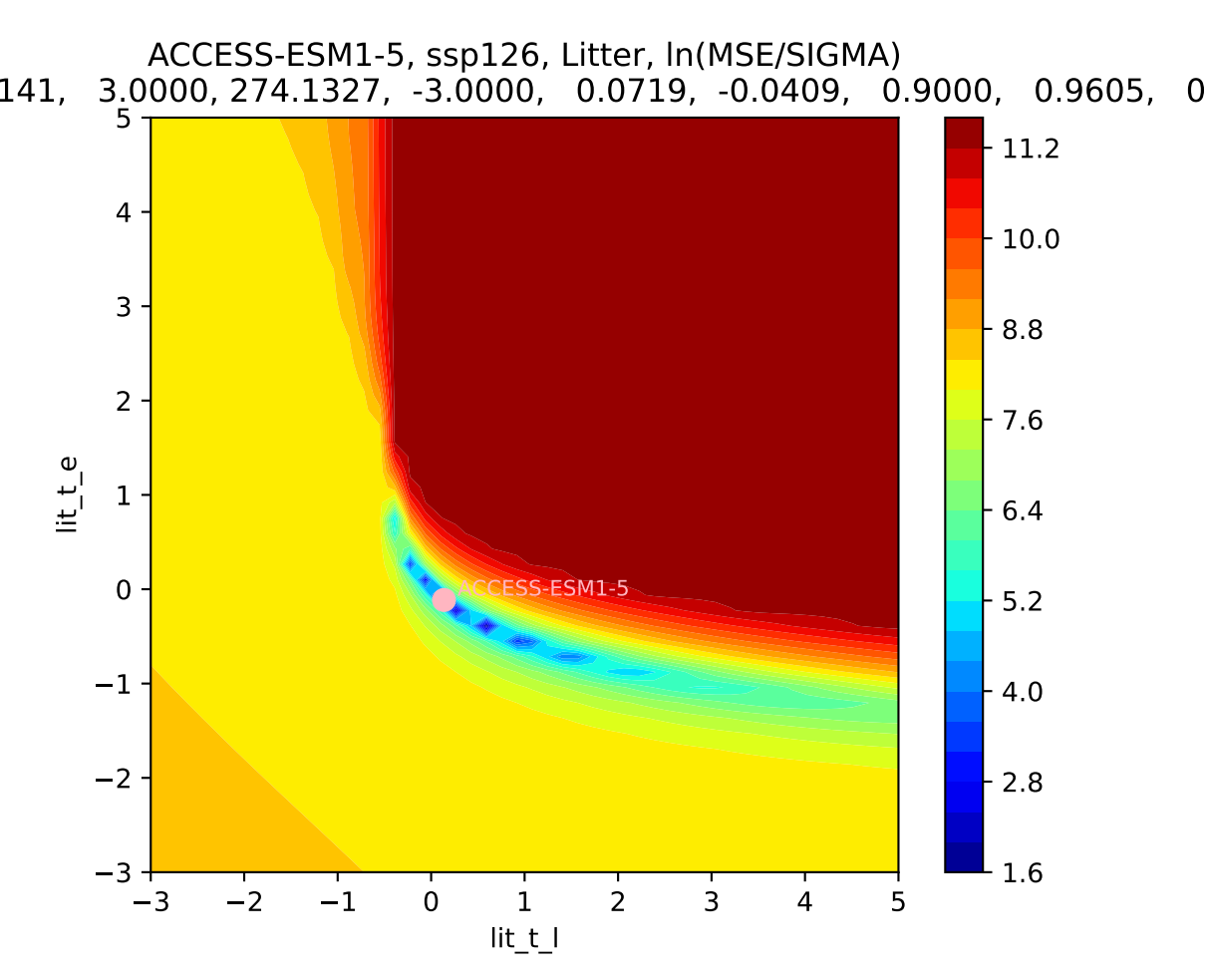

ACCESS-ESM1-5, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
Year

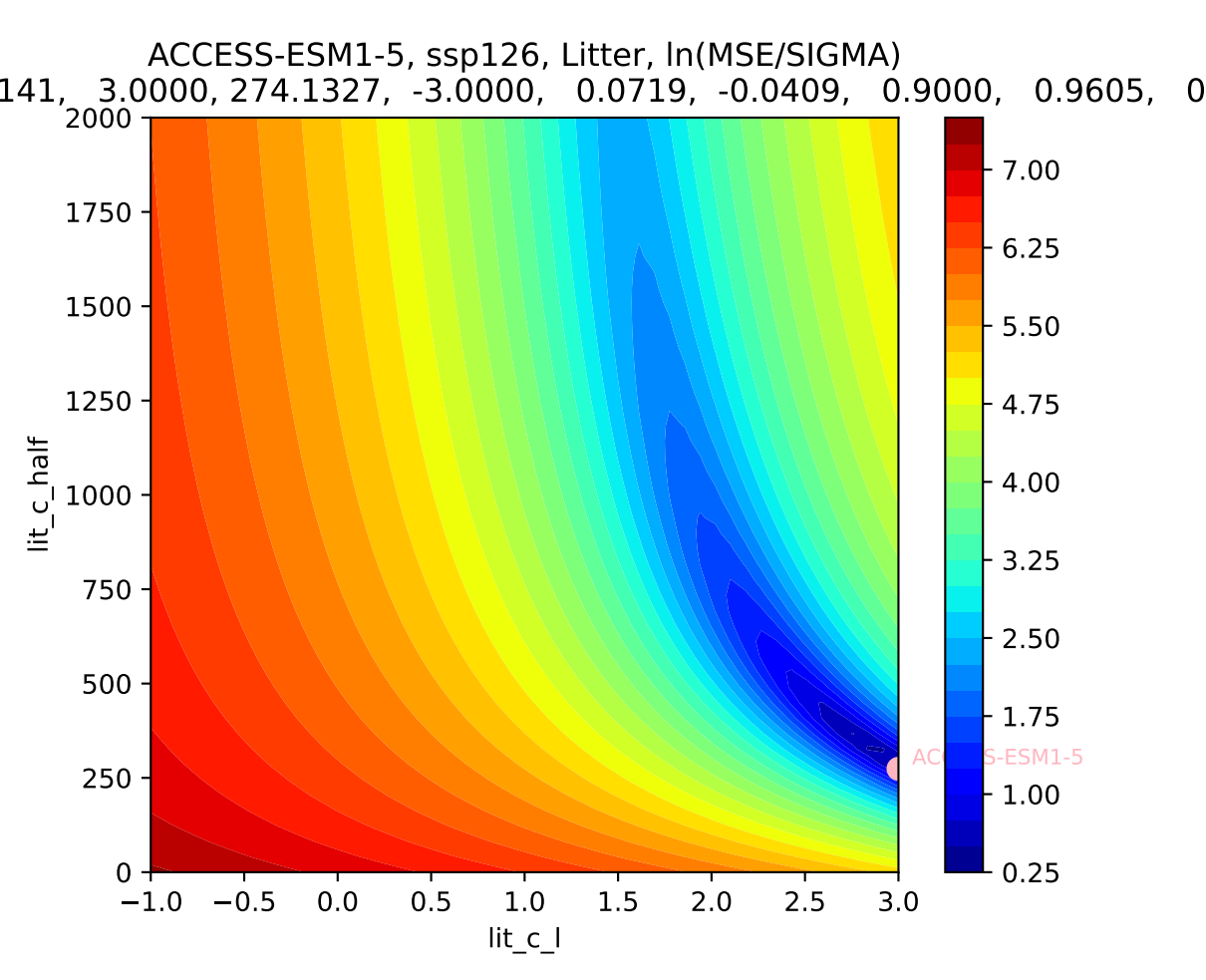

ACCESS-ESM1-5, ssp126, Litter
ESM
Fit
Litter
ΔT

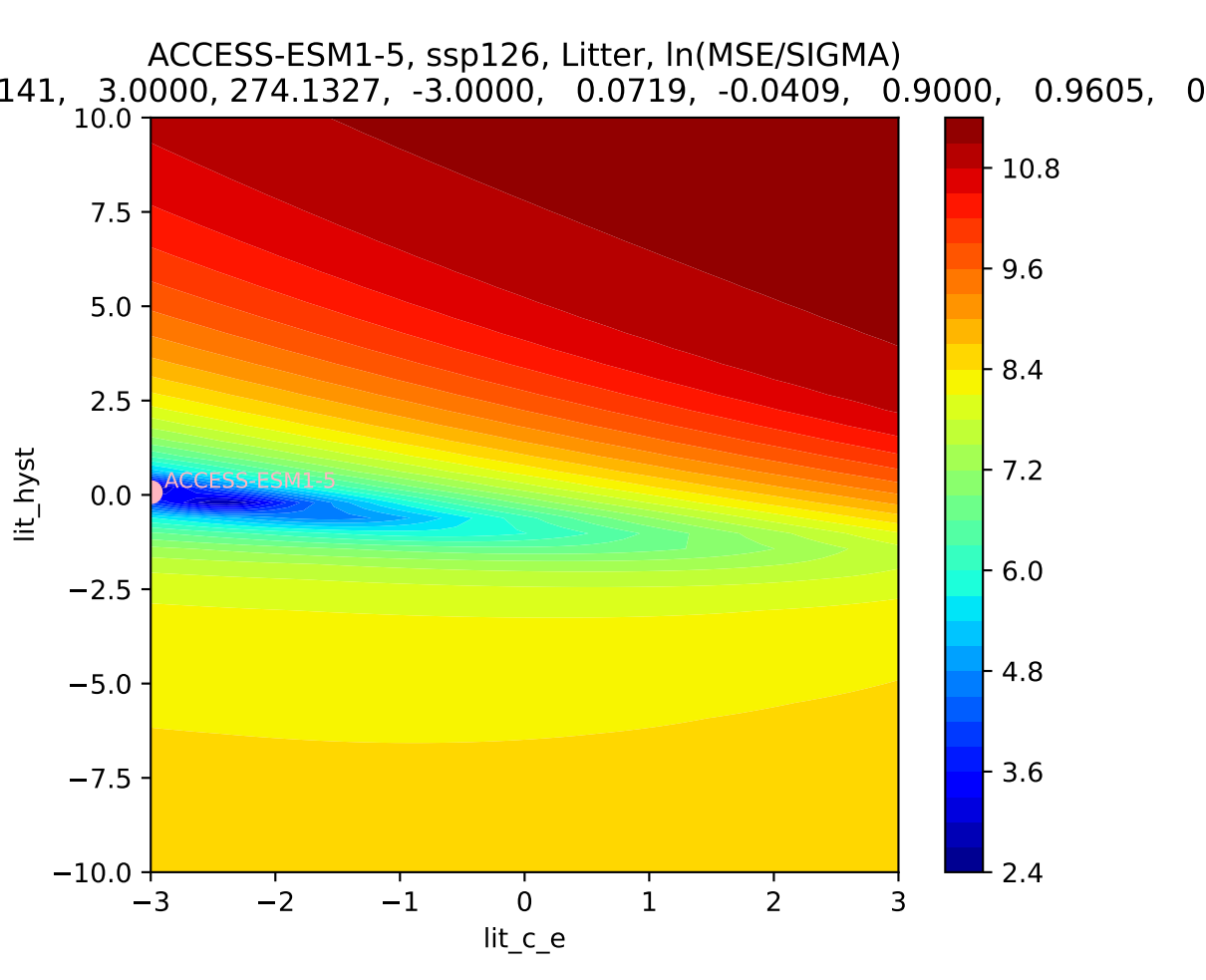

ACCESS-ESM1-5, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
ΔT

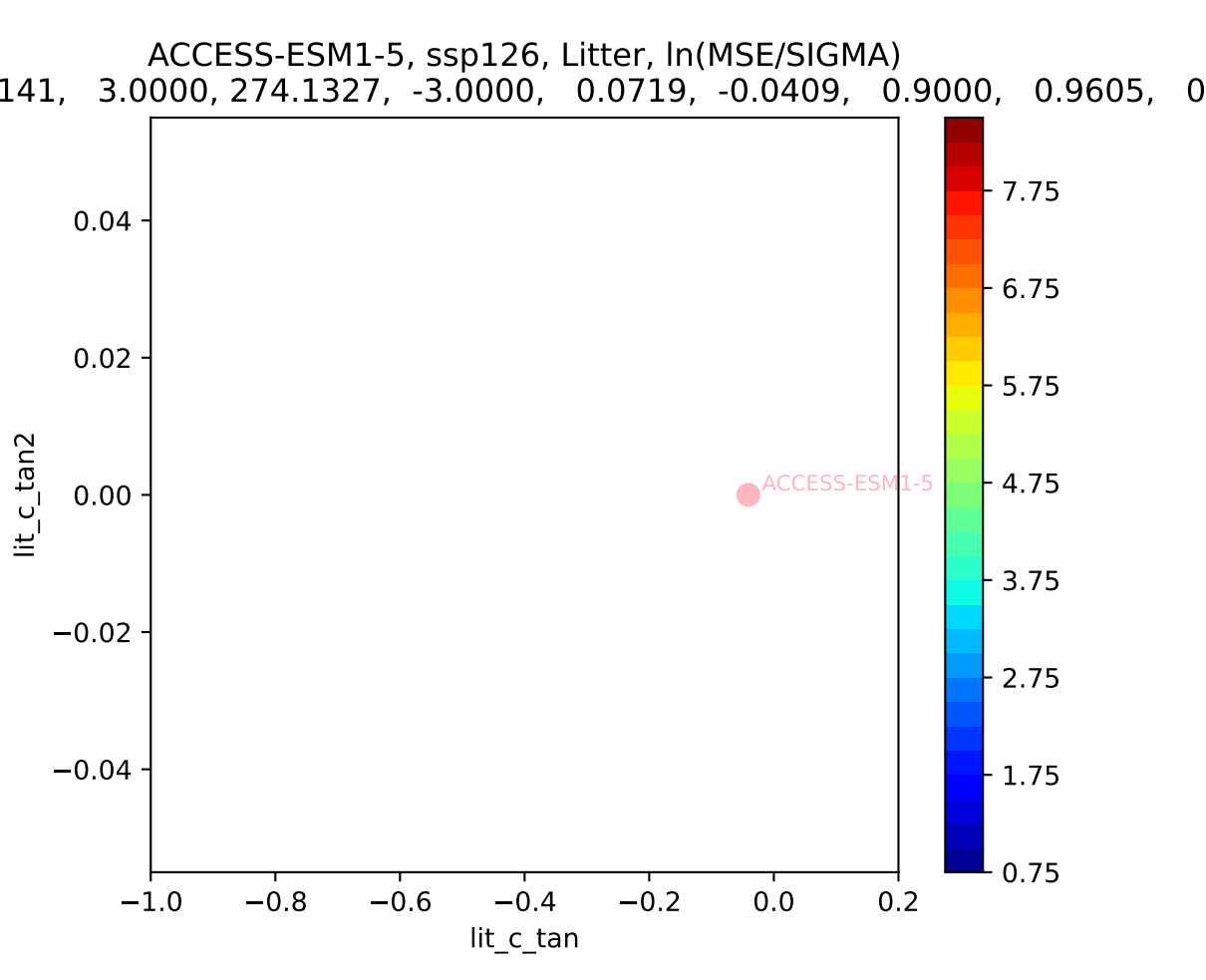

ACCESS-ESM1-5, ssp126, Litter
ESM
Fit
Litter
c_atm

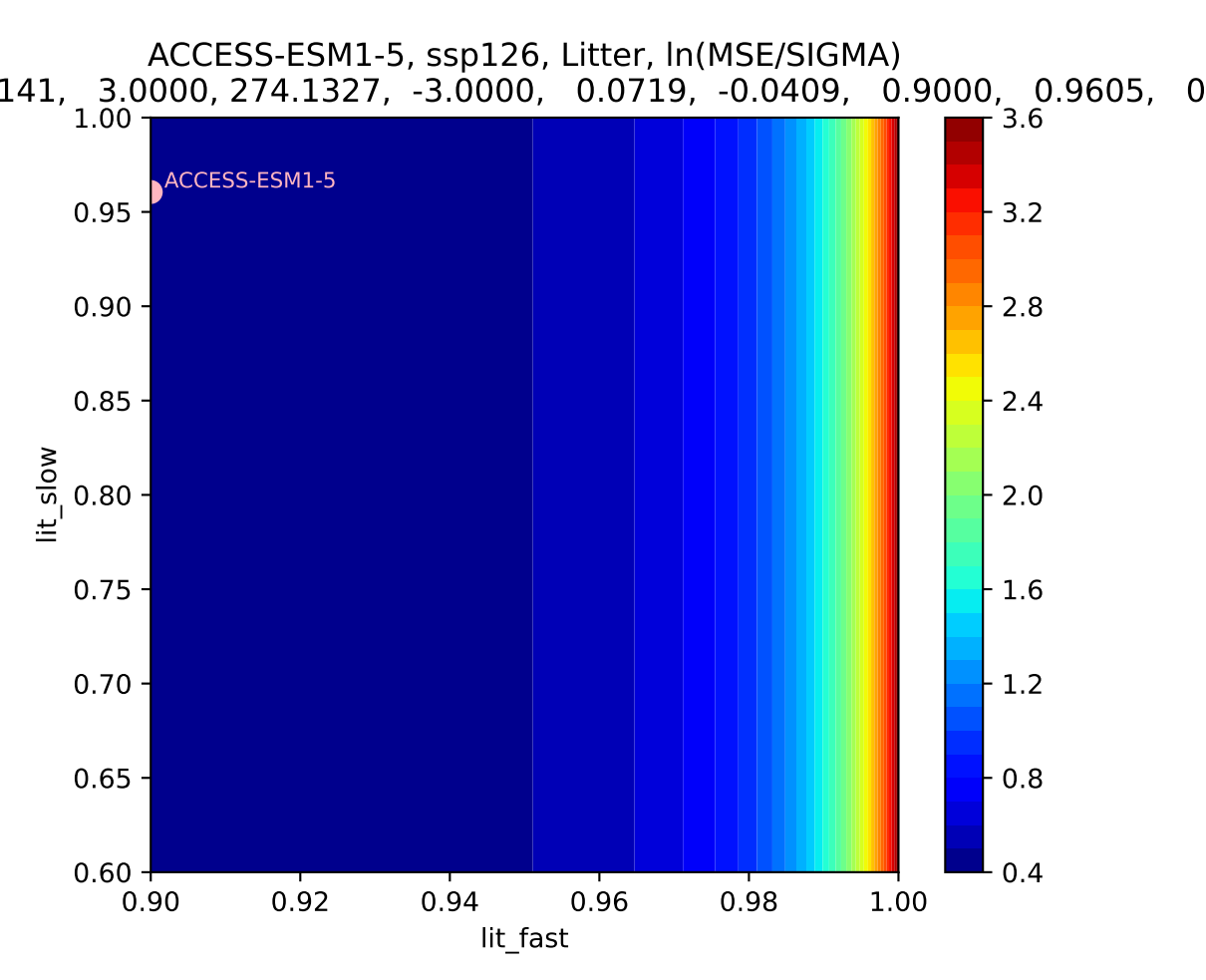

ACCESS-ESM1-5, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
c_atm

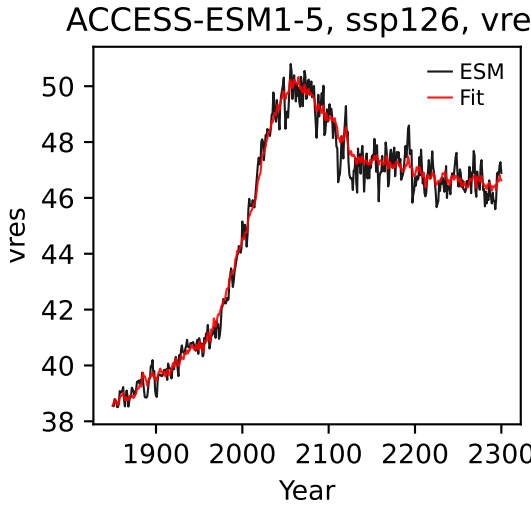

ACCESS-ESM1-5, ssp126, Litter, ln(MSE/SIGMA)
141, 3.0000, 274.1327, -3.0000, 0.0719, -0.0409, 0.9000, 0.9605, 0
lit_t_e
lit_t_l
ACCESS-ESM1-5
11.2
10.0
8.8
7.6
6.4
5.2
4.0
2.8
1.6

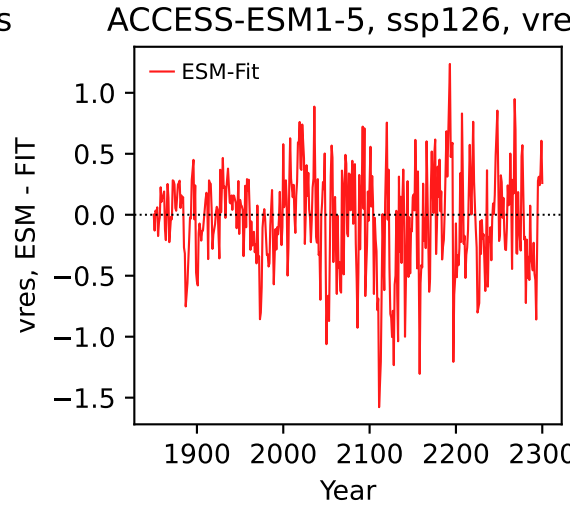

ACCESS-ESM1-5, ssp126, Litter, ln(MSE/SIGMA)
141, 3.0000, 274.1327, -3.0000, 0.0719, -0.0409, 0.9000, 0.9605, 0
lit_c_half
lit_c_l
2000
1750
1500
1250
1000
750
500
250
0
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
7.00
6.25
5.50
4.75
4.00
3.25
2.50
1.75
1.00
0.25
ACCESS-ESM1-5

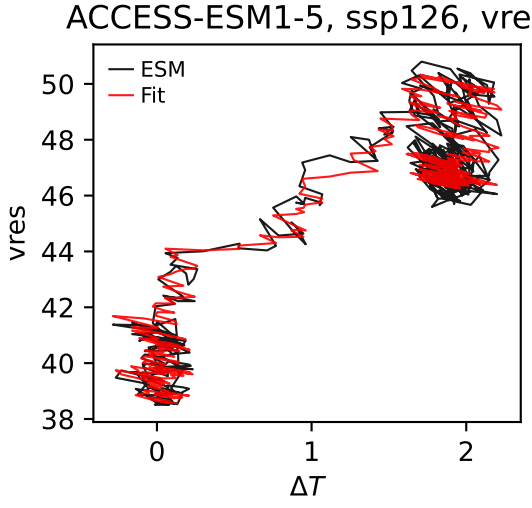

ACCESS-ESM1-5, ssp126, Litter, ln(MSE/SIGMA)
141, 3.0000, 274.1327, -3.0000, 0.0719, -0.0409, 0.9000, 0.9605, 0
ACCESS-ESM1-5
lit_hyst
lit_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
10.8
9.6
8.4
7.2
6.0
4.8
3.6
2.4

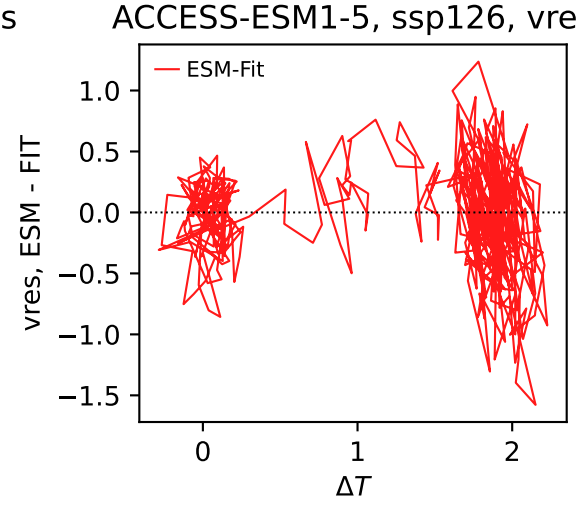

ACCESS-ESM1-5, ssp126, Litter, ln(MSE/SIGMA)
141, 3.0000, 274.1327, -3.0000, 0.0719, -0.0409, 0.9000, 0.9605, 0
ACCESS-ESM1-5
lit_c_tan
lit_c_tan2
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
0.04
0.02
0.00
−0.02
−0.04
7.75
6.75
5.75
4.75
3.75
2.75
1.75
0.75

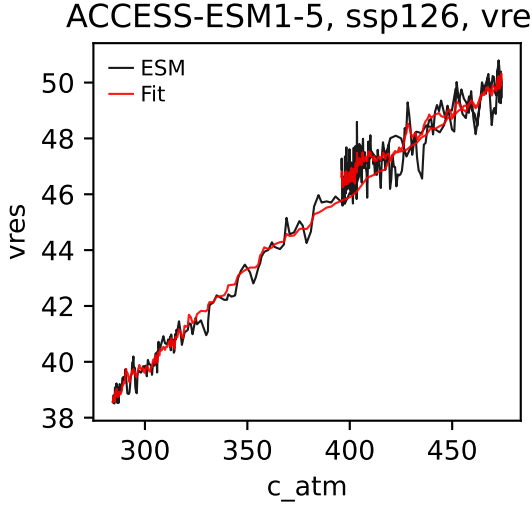

ACCESS-ESM1-5, ssp126, Litter, ln(MSE/SIGMA)
141, 3.0000, 274.1327, -3.0000, 0.0719, -0.0409, 0.9000, 0.9605, 0
ACCESS-ESM1-5
lit_slow
lit_fast
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.90
0.92
0.94
0.96
0.98
1.00
3.6
3.2
2.8
2.4
2.0
1.6
1.2
0.8
0.4

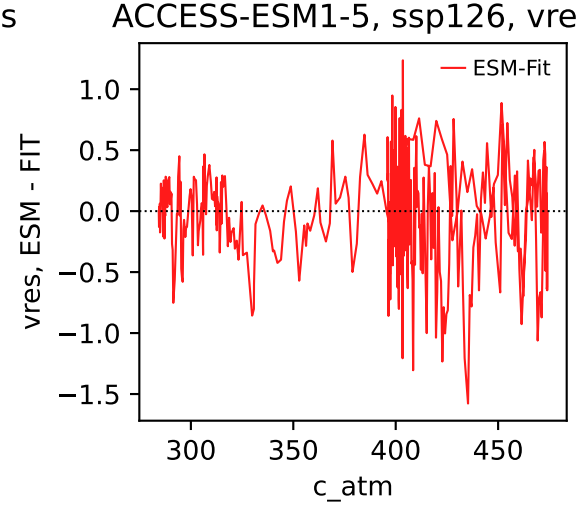

ACCESS-ESM1-5, ssp126, vres
ESM
Fit
vres
Year

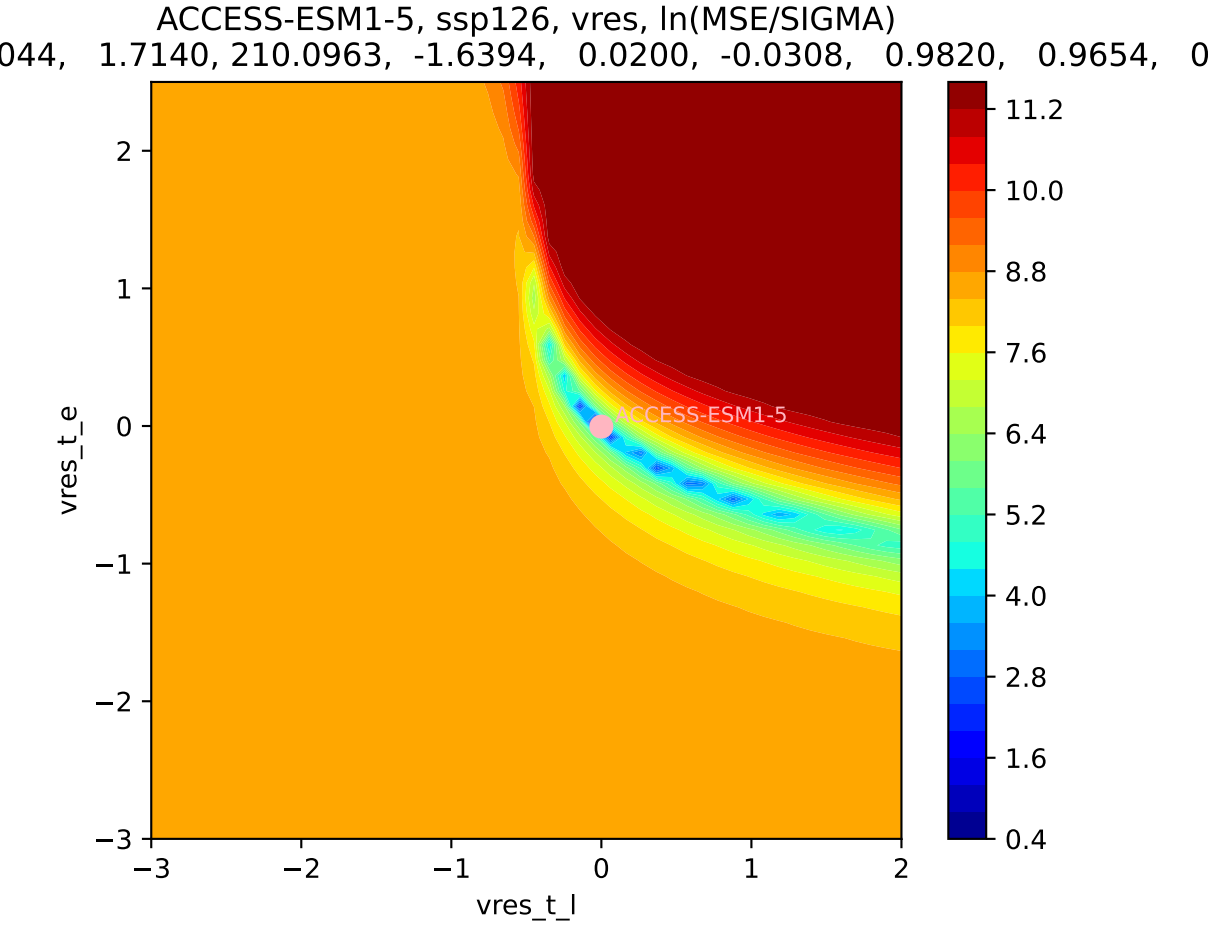

ACCESS-ESM1-5, ssp126, vres
ESM-Fit
vres, ESM - FIT
Year

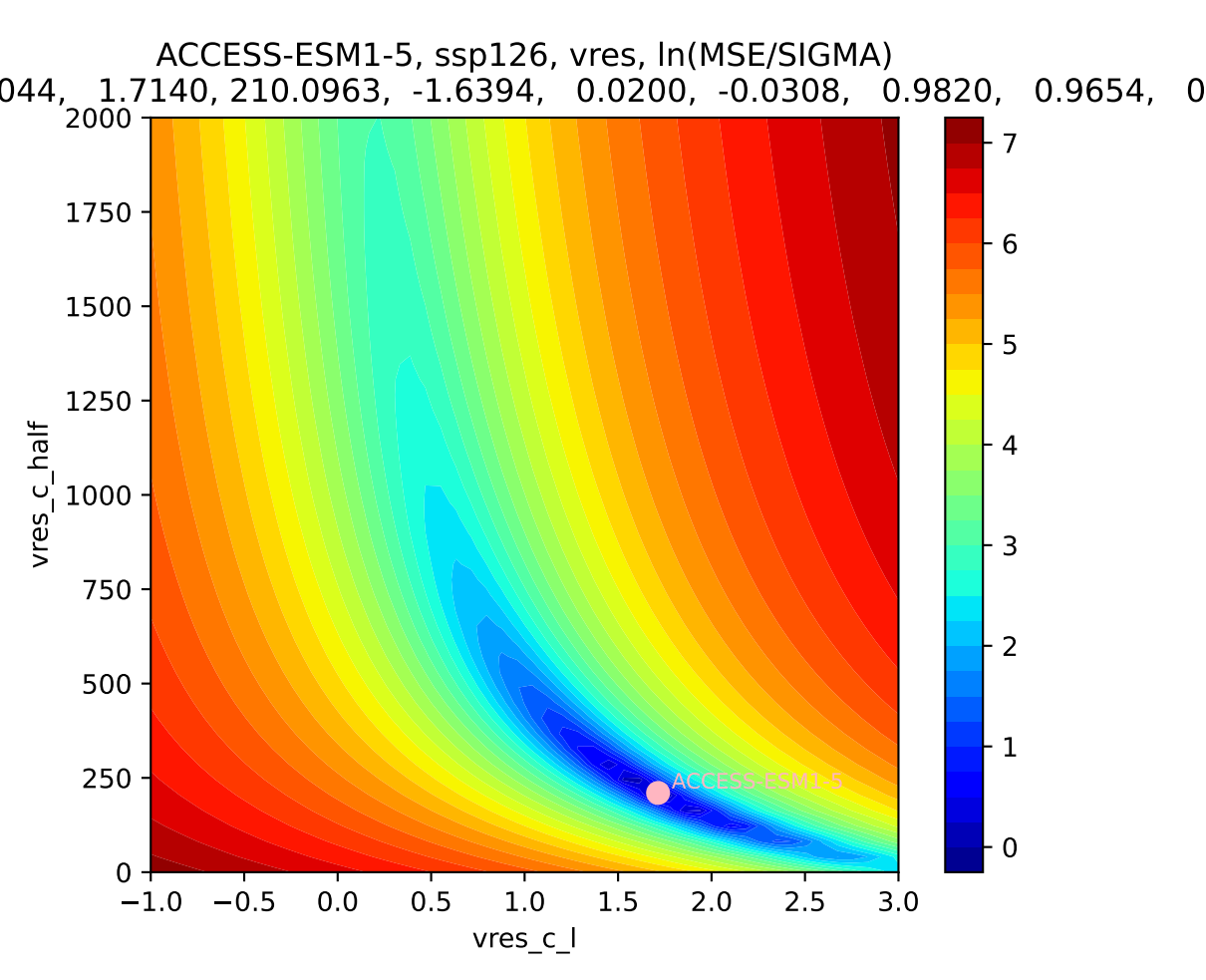

ACCESS-ESM1-5, ssp126, vres
ESM
Fit
vres
ΔT

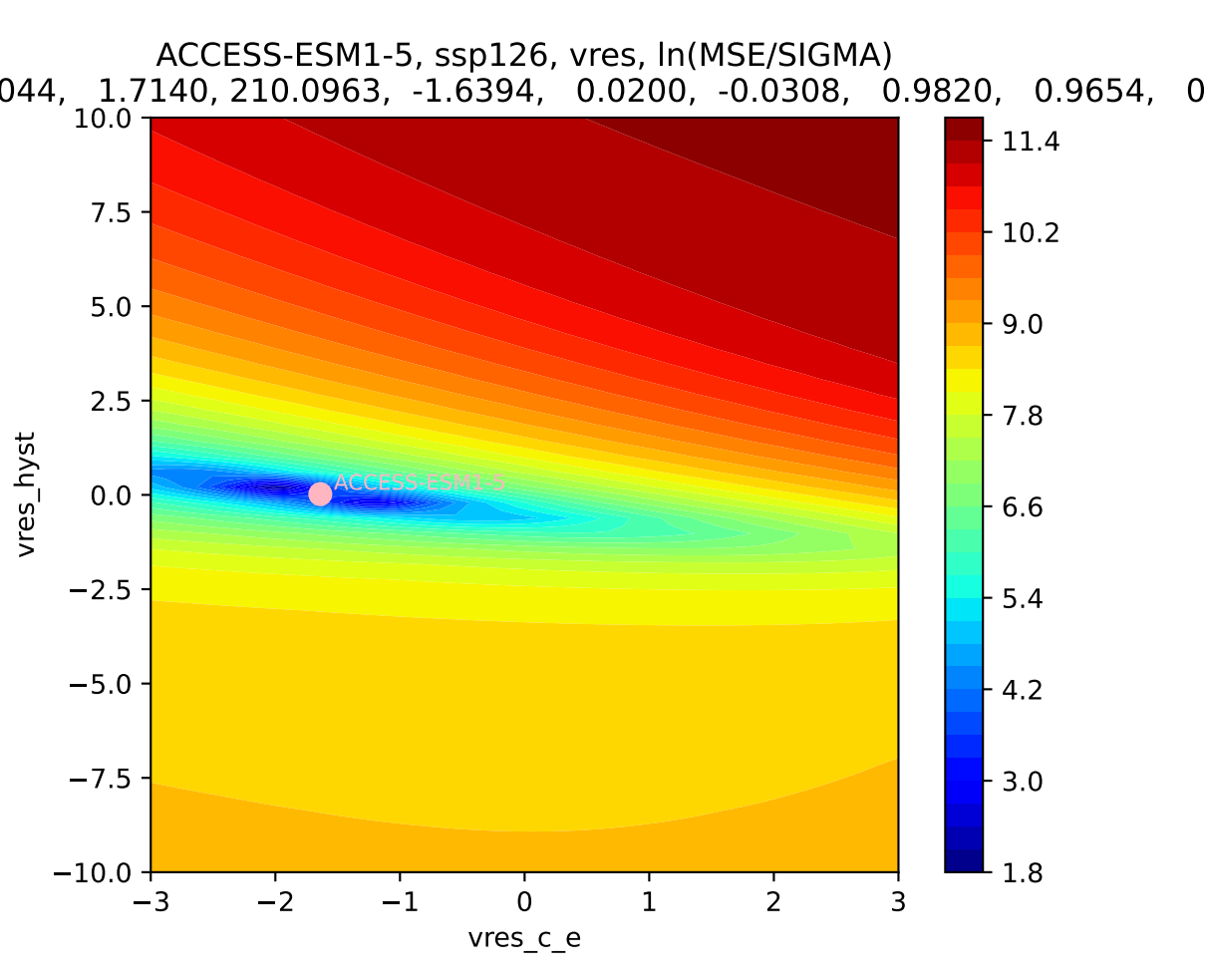

ACCESS-ESM1-5, ssp126, vres
ESM-Fit
vres, ESM - FIT
ΔT

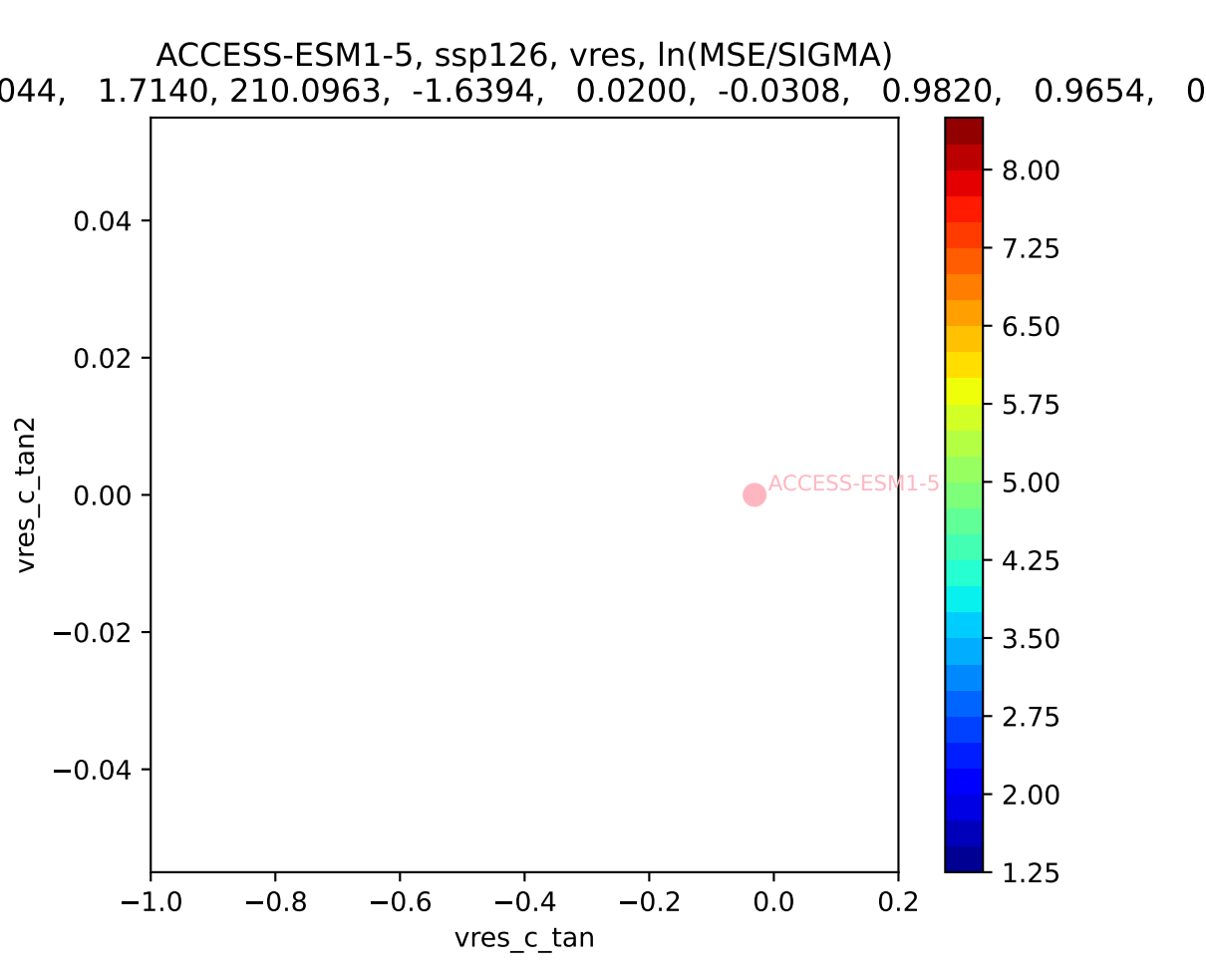

ACCESS-ESM1-5, ssp126, vres
ESM
Fit
vres
c_atm

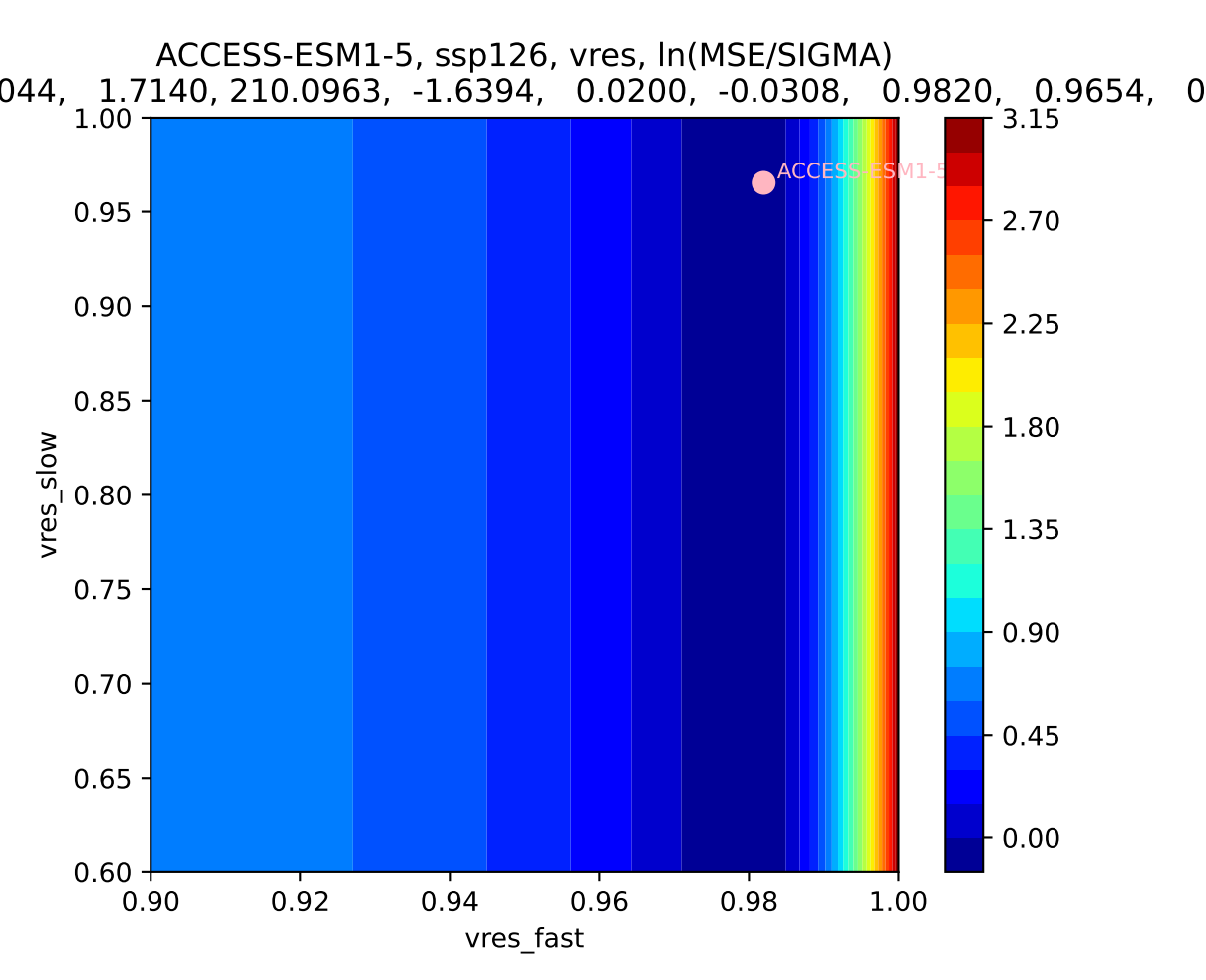

ACCESS-ESM1-5, ssp126, vres
ESM-Fit
vres, ESM - FIT
c_atm

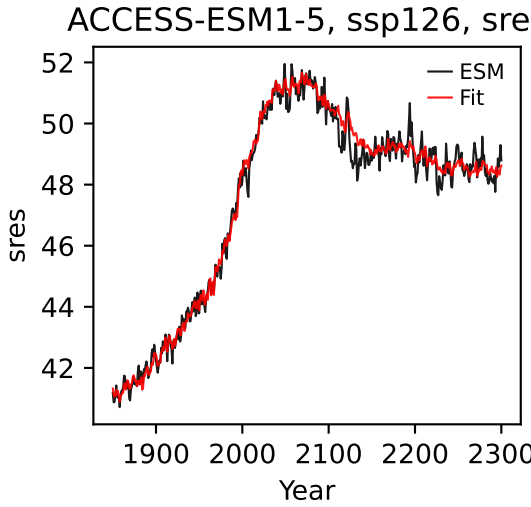

ACCESS-ESM1-5, ssp126, vres, ln(MSE/SIGMA)
044, 1.7140, 210.0963, -1.6394, 0.0200, -0.0308, 0.9820, 0.9654, 0
ACCESS-ESM1-5
vres_t_e
vres_t_l
2
1
0
−1
−2
−3
11.2
10.0
8.8
7.6
6.4
5.2
4.0
2.8
1.6
0.4

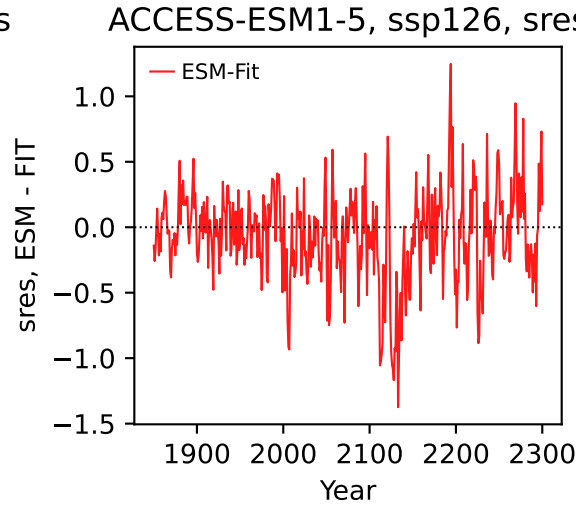

ACCESS-ESM1-5, ssp126, vres, ln(MSE/SIGMA)
044, 1.7140, 210.0963, -1.6394, 0.0200, -0.0308, 0.9820, 0.9654, 0
vres_c_half
vres_c_l
ACCESS-ESM1-5

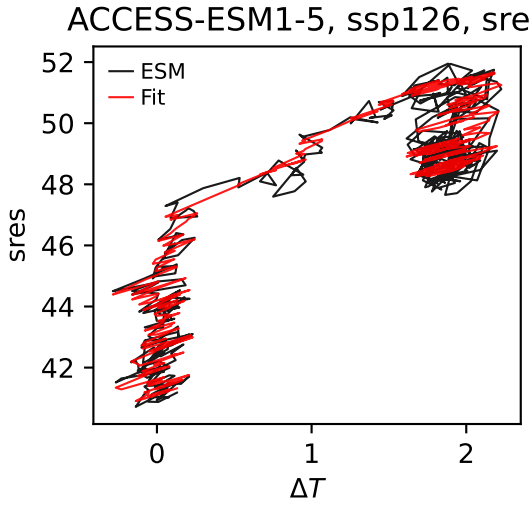

ACCESS-ESM1-5, ssp126, vres, ln(MSE/SIGMA)
044, 1.7140, 210.0963, -1.6394, 0.0200, -0.0308, 0.9820, 0.9654, 0
ACCESS-ESM1-5
vres_hyst
vres_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
11.4
10.2
9.0
7.8
6.6
5.4
4.2
3.0
1.8

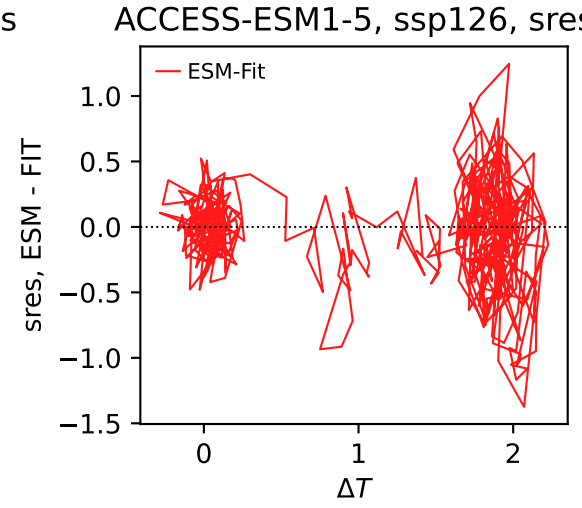

ACCESS-ESM1-5, ssp126, vres, ln(MSE/SIGMA)
044, 1.7140, 210.0963, -1.6394, 0.0200, -0.0308, 0.9820, 0.9654, 0
ACCESS-ESM1-5
vres_c_tan2
vres_c_tan
0.04
0.02
0.00
−0.02
−0.04
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
8.00
7.25
6.50
5.75
5.00
4.25
3.50
2.75
2.00
1.25

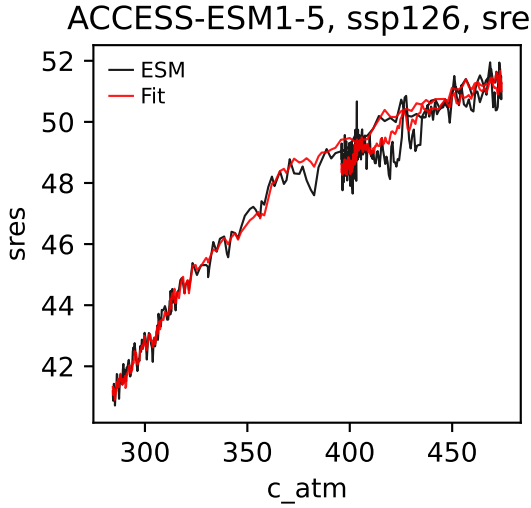

ACCESS-ESM1-5, ssp126, vres, ln(MSE/SIGMA)
044, 1.7140, 210.0963, -1.6394, 0.0200, -0.0308, 0.9820, 0.9654, 0
ACCESS-ESM1-5
vres_slow
vres_fast
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.90
0.92
0.94
0.96
0.98
1.00
3.15
2.70
2.25
1.80
1.35
0.90
0.45
0.00

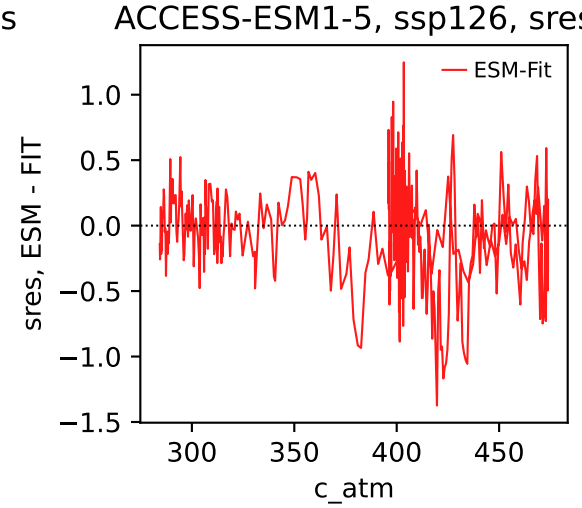

ACCESS-ESM1-5, ssp126, sres
ESM
Fit
sres
Year

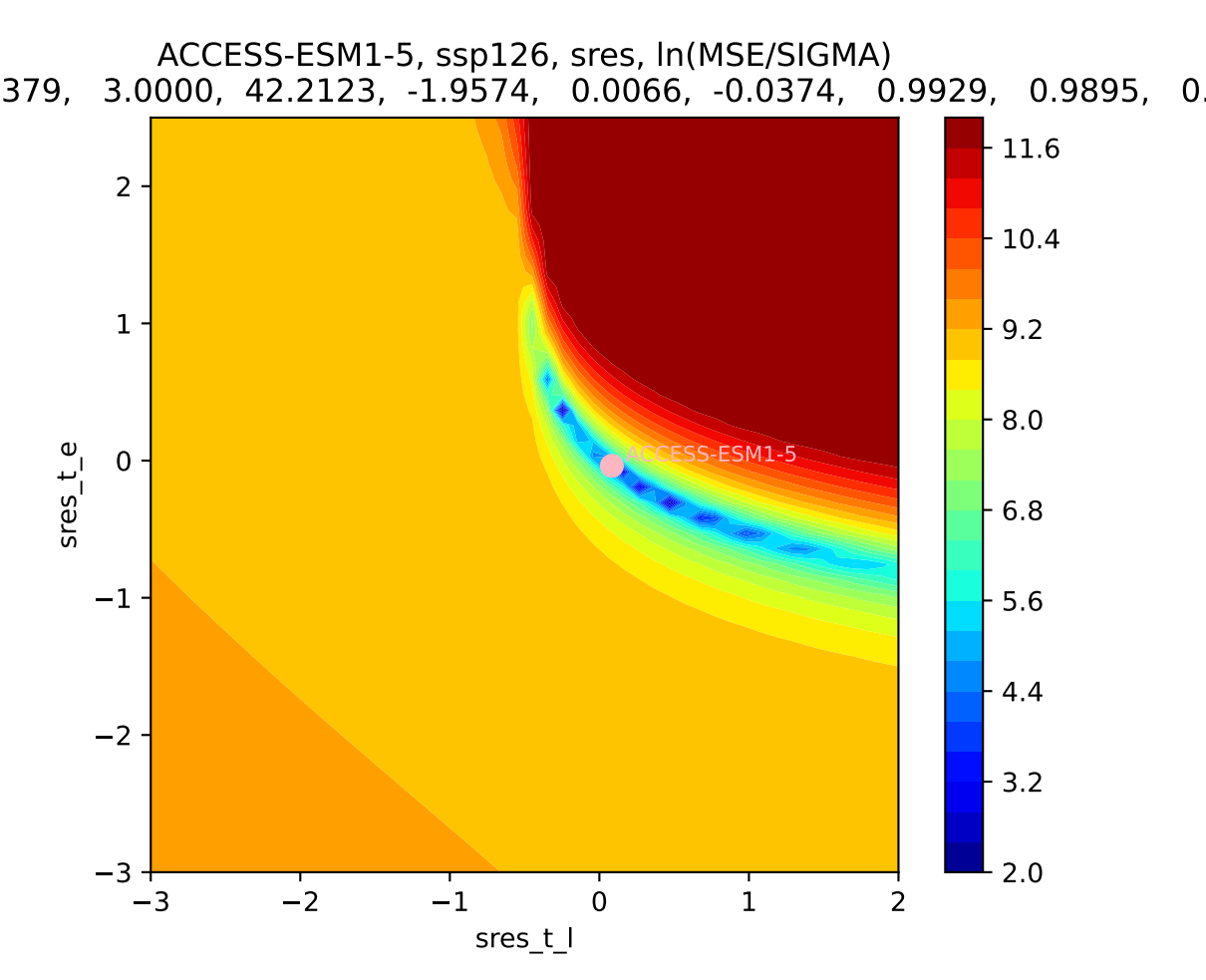

ACCESS-ESM1-5, ssp126, sres
ESM-Fit
sres, ESM - FIT
Year

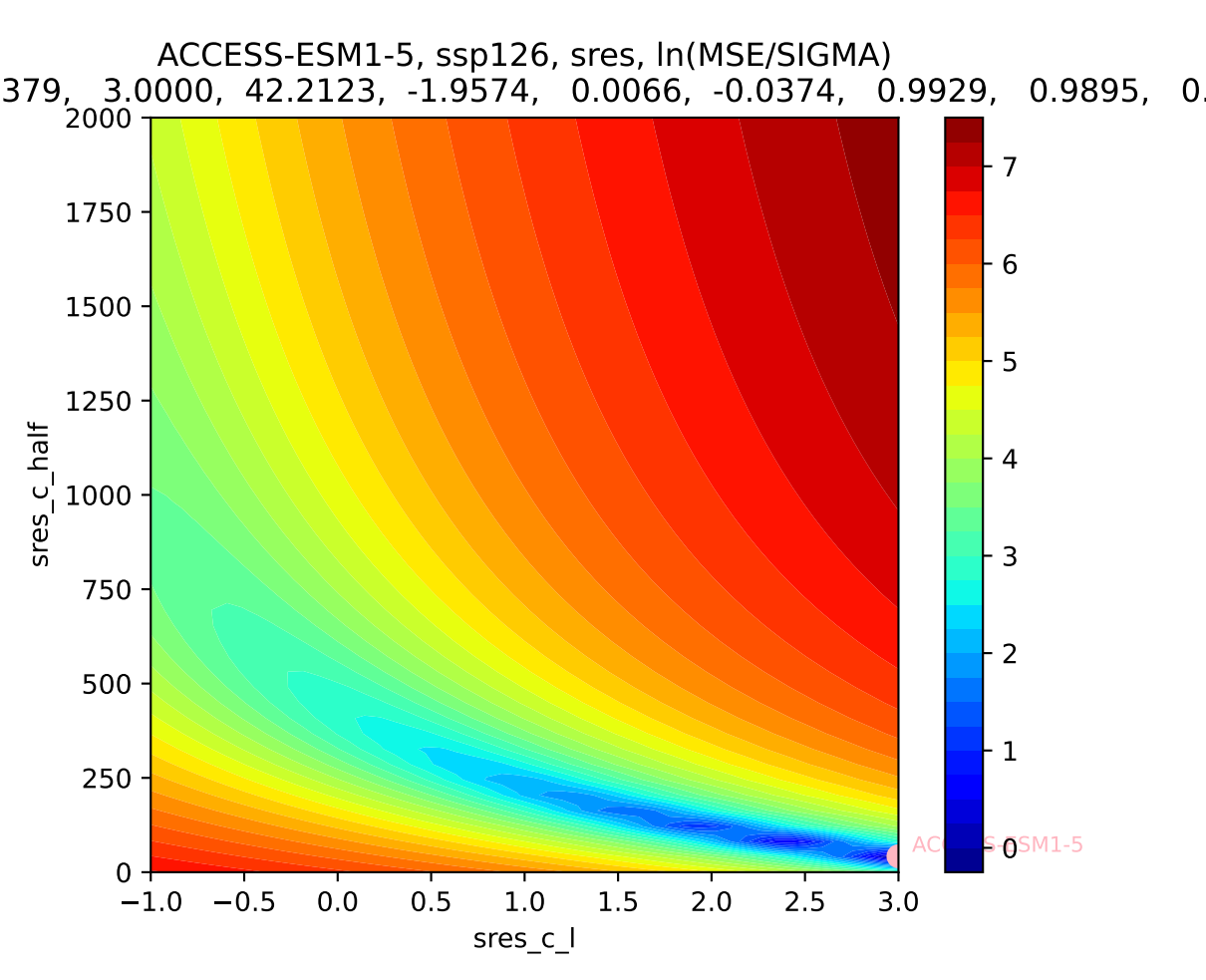

ACCESS-ESM1-5, ssp126, sres
ESM
Fit
sres
ΔT

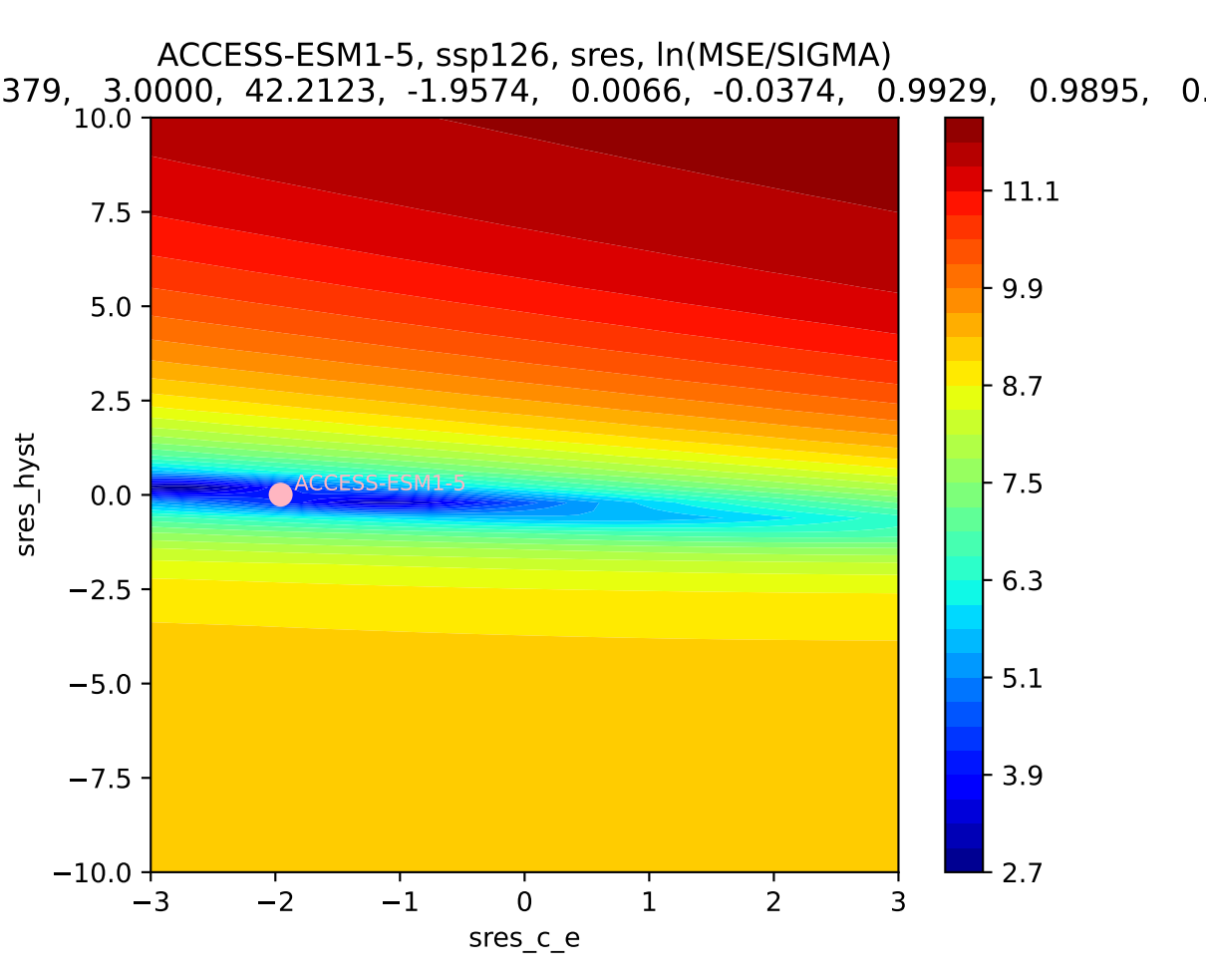

ACCESS-ESM1-5, ssp126, sres
ESM-Fit
sres, ESM - FIT
ΔT

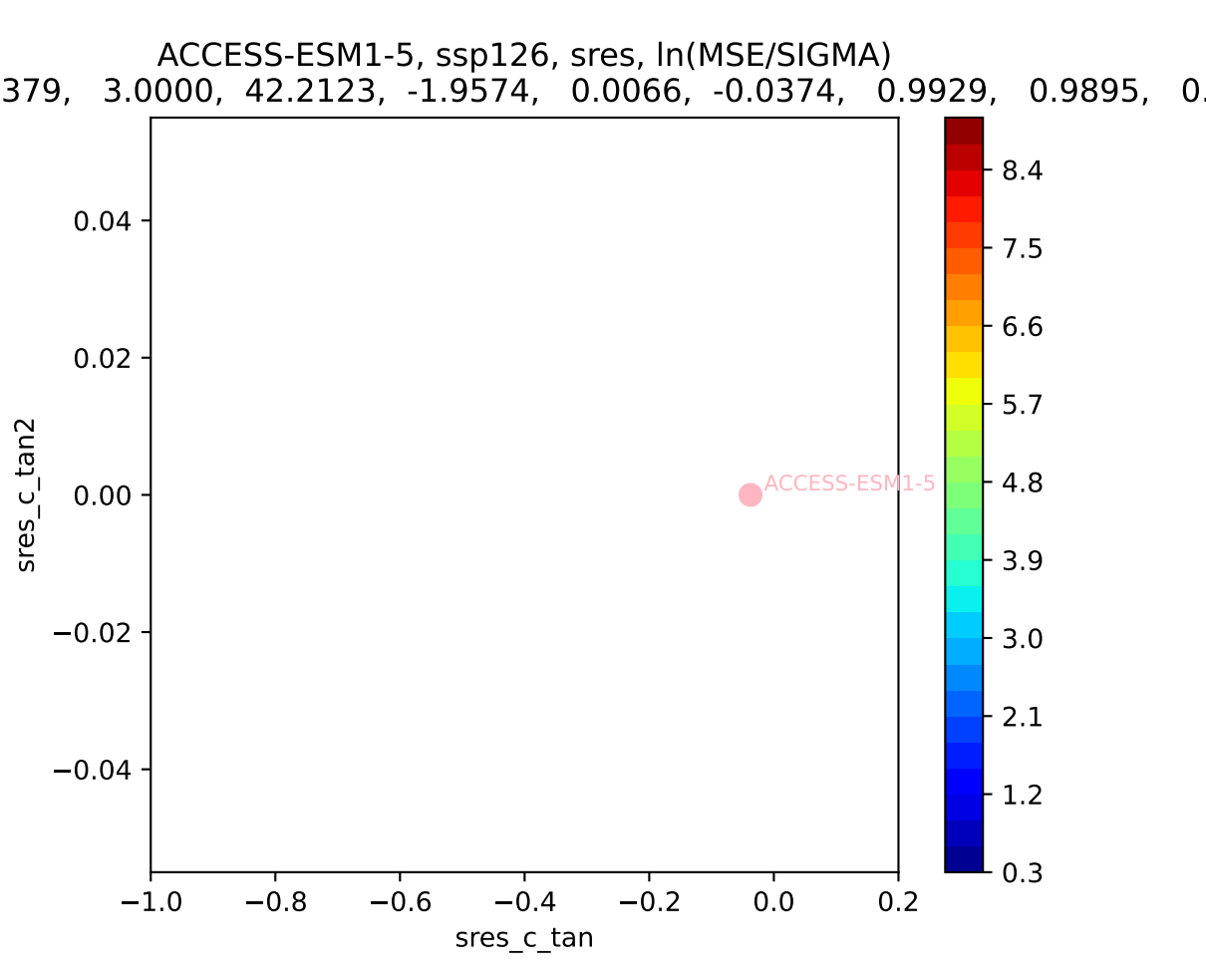

ACCESS-ESM1-5, ssp126, sres
ESM
Fit
sres
c_atm

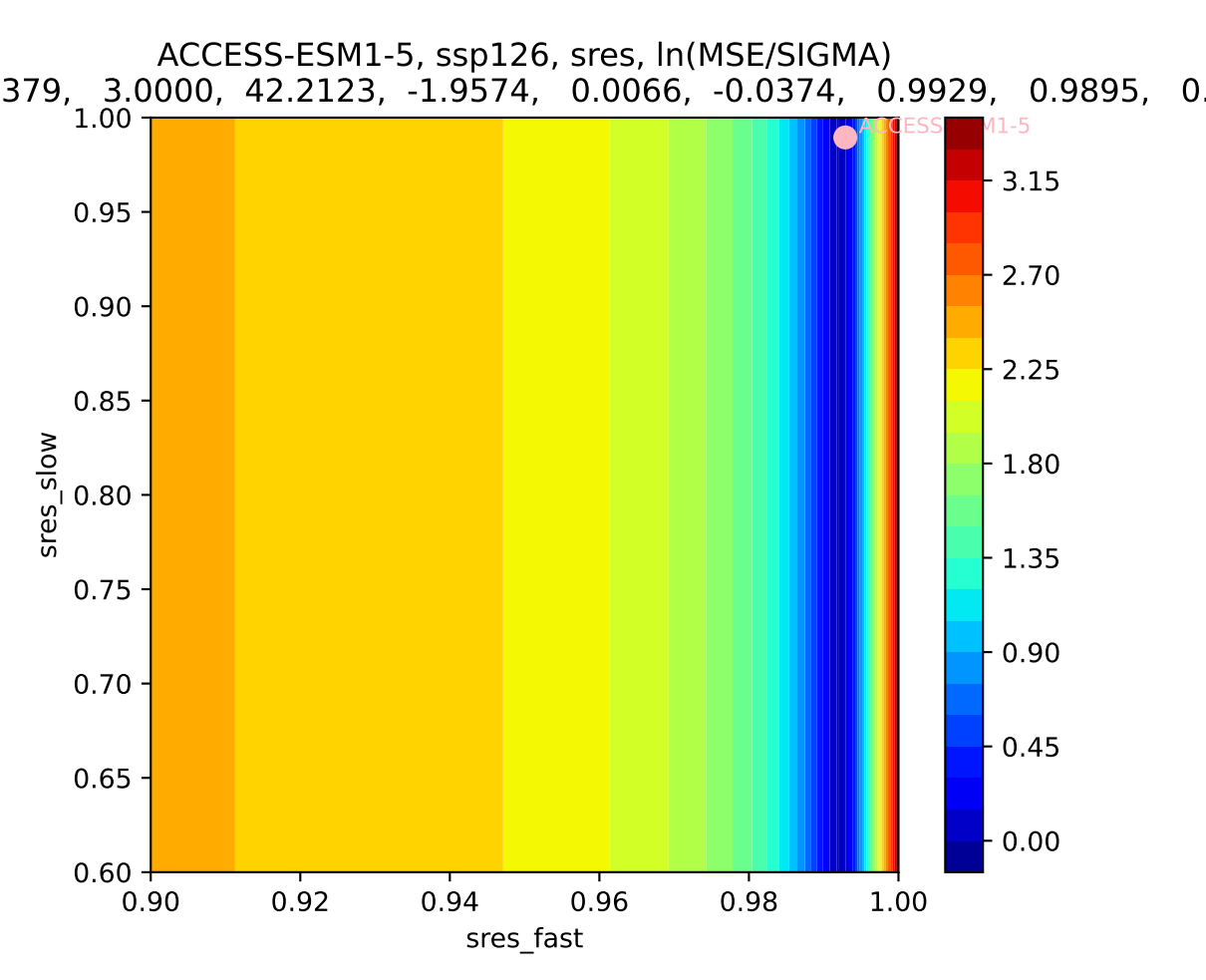

ACCESS-ESM1-5, ssp126, sres
ESM-Fit
sres, ESM - FIT
c_atm

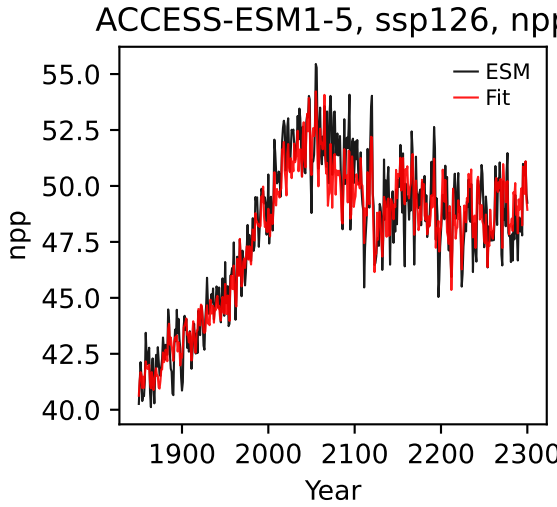

ACCESS-ESM1-5, ssp126, sres, ln(MSE/SIGMA)
379, 3.0000, 42.2123, -1.9574, 0.0066, -0.0374, 0.9929, 0.9895, 0.
ACCESS-ESM1-5
sres_t_e
sres_t_l
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
11.6
10.4
9.2
8.0
6.8
5.6
4.4
3.2
2.0

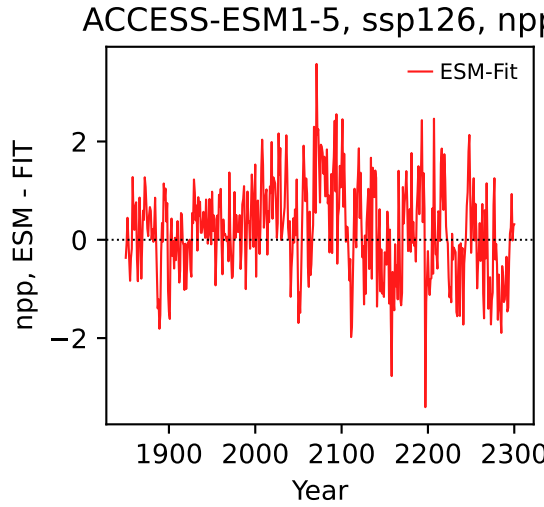

ACCESS-ESM1-5, ssp126, sres, ln(MSE/SIGMA)
379, 3.0000, 42.2123, -1.9574, 0.0066, -0.0374, 0.9929, 0.9895, 0.
sres_c_half
sres_c_l
2000
1750
1500
1250
1000
750
500
250
0
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
7
6
5
4
3
2
1
0

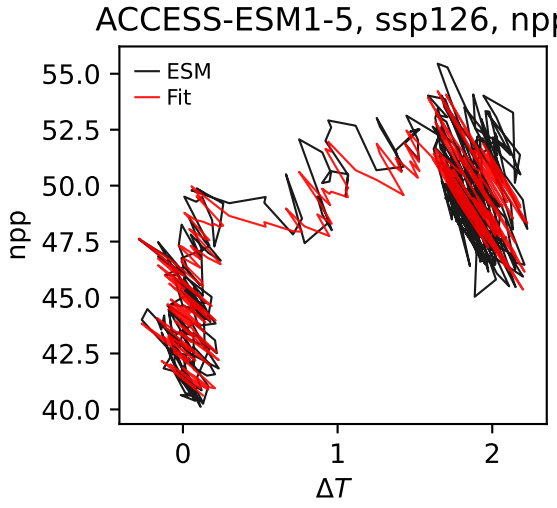

ACCESS-ESM1-5, ssp126, sres, ln(MSE/SIGMA)
379, 3.0000, 42.2123, -1.9574, 0.0066, -0.0374, 0.9929, 0.9895, 0.
sres_hyst
sres_c_e
ACCESS-ESM1-5
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
11.1
9.9
8.7
7.5
6.3
5.1
3.9
2.7


ACCESS-ESM1-5, ssp126, sres, ln(MSE/SIGMA)
379, 3.0000, 42.2123, -1.9574, 0.0066, -0.0374, 0.9929, 0.9895, 0.
ACCESS-ESM1-5
sres_c_tan2
sres_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
8.4
7.5
6.6
5.7
4.8
3.9
3.0
2.1
1.2
0.3


ACCESS-ESM1-5, ssp126, sres, ln(MSE/SIGMA)
379, 3.0000, 42.2123, -1.9574, 0.0066, -0.0374, 0.9929, 0.9895, 0.
ACCESS-ESM1-5
sres_slow
sres_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
3.15
2.70
2.25
1.80
1.35
0.90
0.45
0.00


ACCESS-ESM1-5, ssp126, npp
ESM
Fit
npp
55.0
52.5
50.0
47.5
45.0
42.5
40.0
1900
2000
2100
2200
2300
Year


ACCESS-ESM1-5, ssp126, npp
ESM-Fit
npp, ESM - FIT
2
0
−2
1900
2000
2100
2200
2300
Year


ACCESS-ESM1-5, ssp126, npp
ESM
Fit
npp
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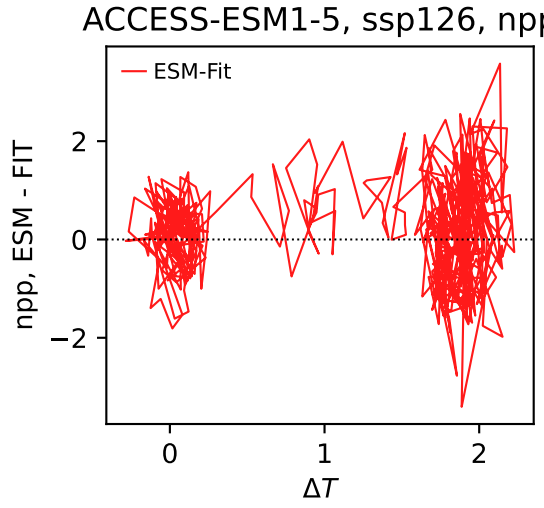
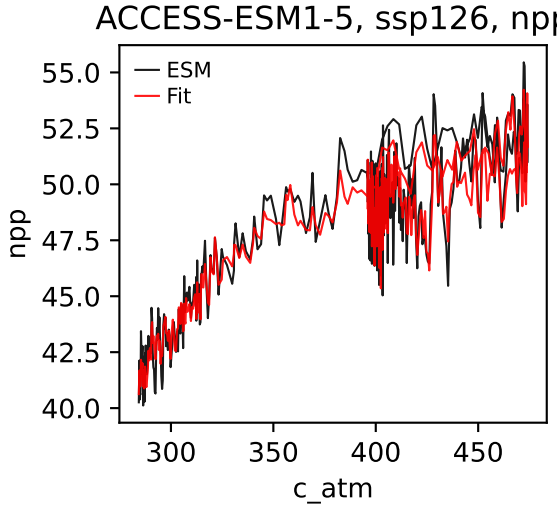
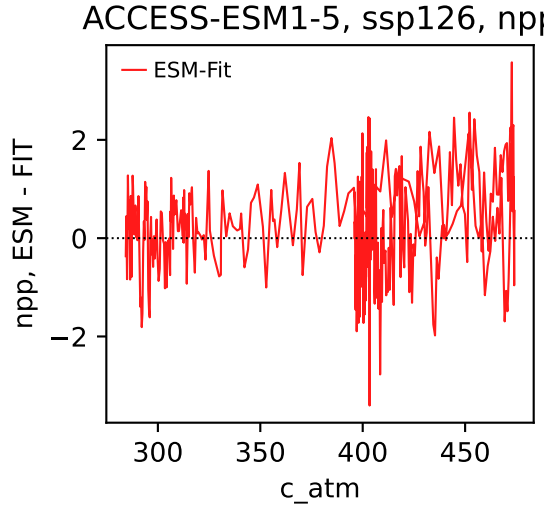
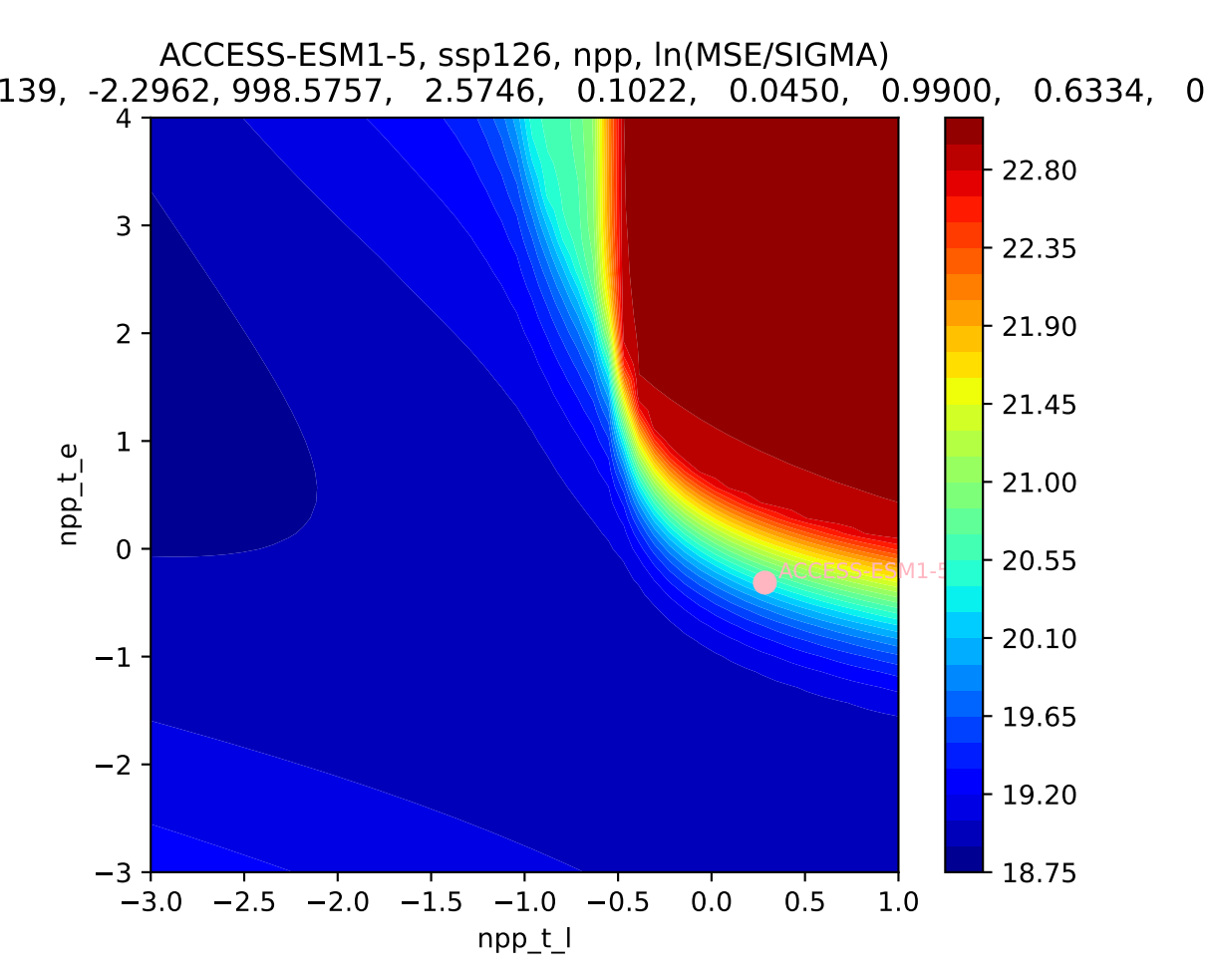
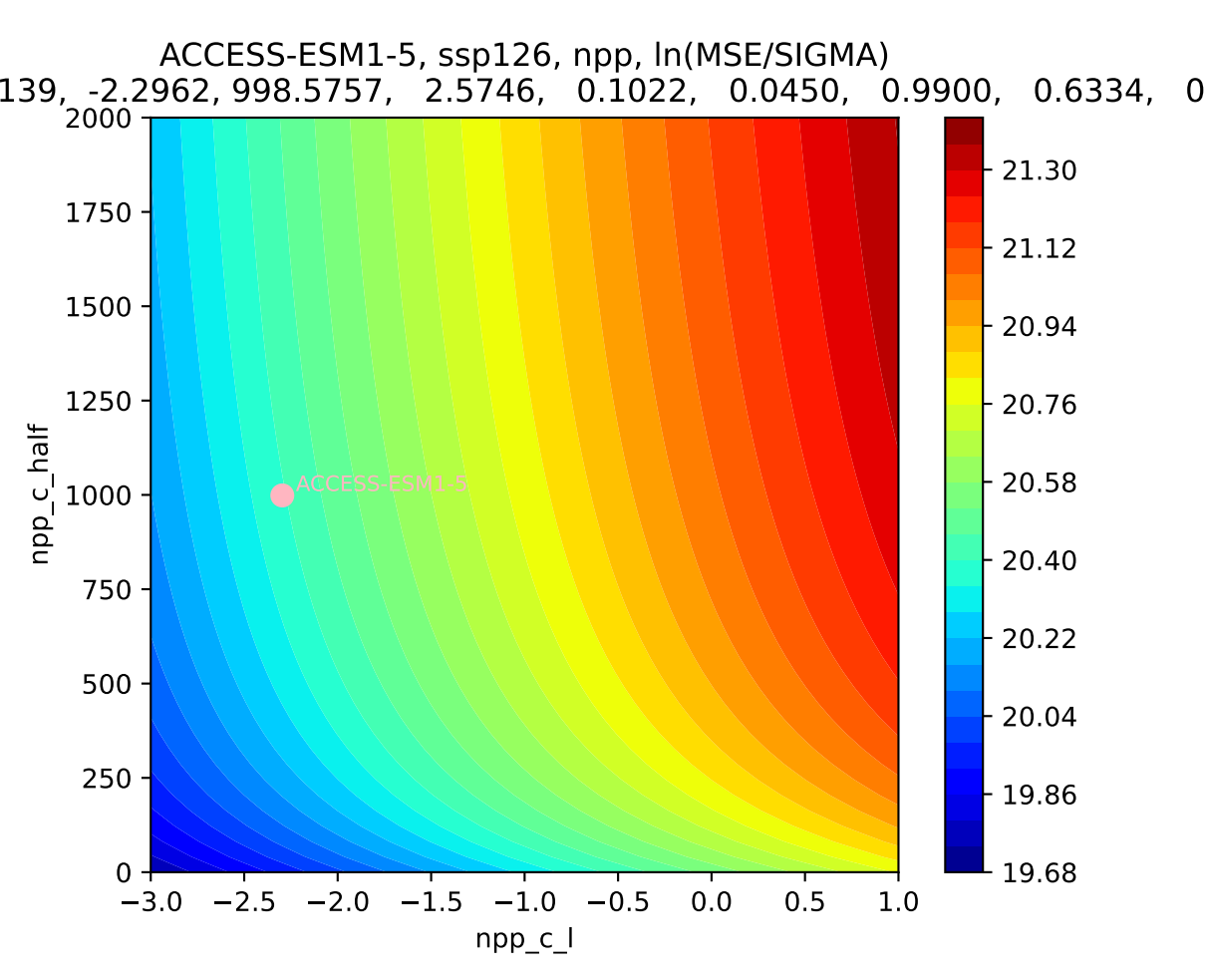
52.5
50.0
47.5
45.0
42.5
40.0
0
1
2
ΔT

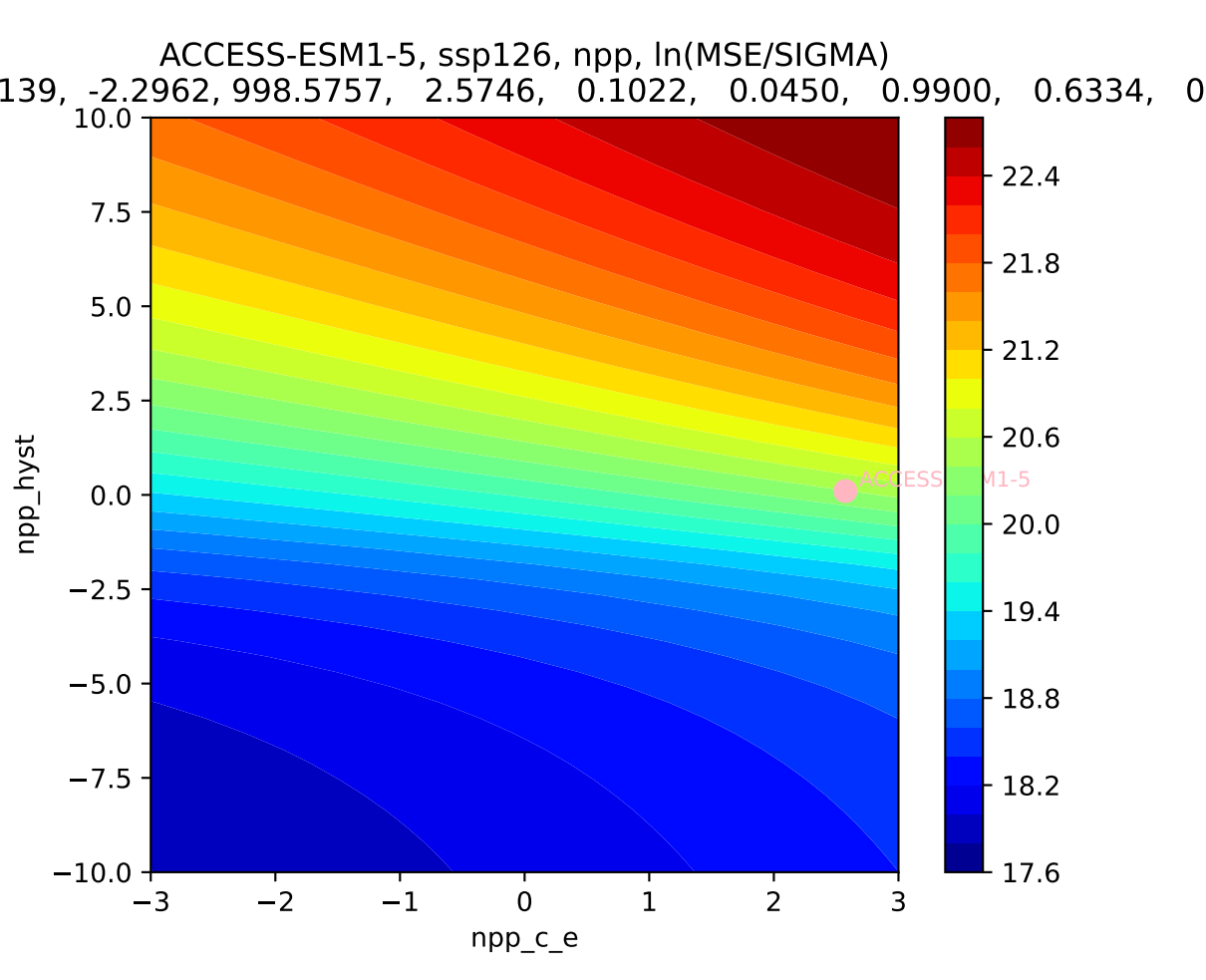

ACCESS-ESM1-5, ssp126, npp
ESM-Fit
npp, ESM - FIT
2
0
−2
0
1
2
ΔT

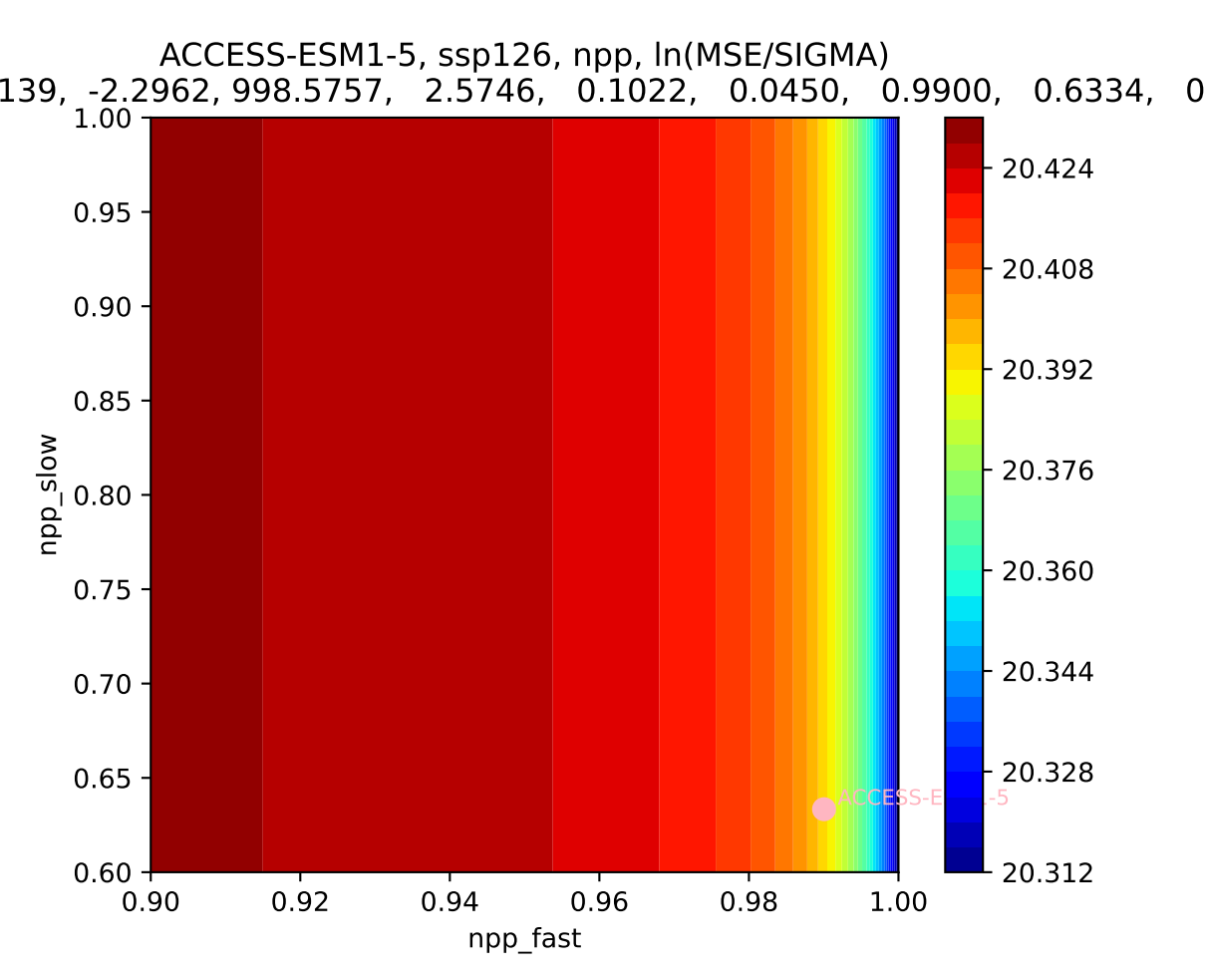

ACCESS-ESM1-5, ssp126, npp
ESM
Fit
npp
55.0
52.5
50.0
47.5
45.0
42.5
40.0
300
350
400
450
c_atm

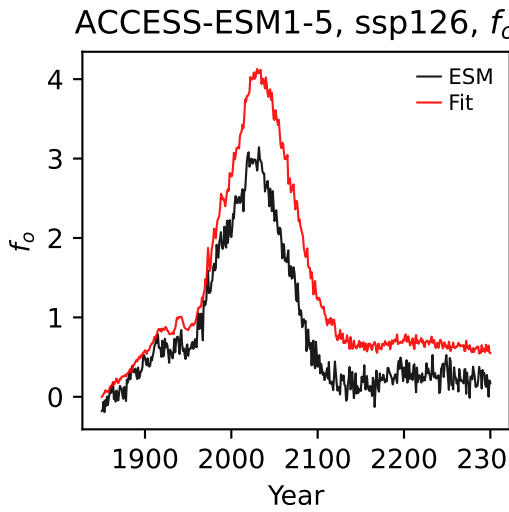

ACCESS-ESM1-5, ssp126, npp
ESM-Fit
npp, ESM - FIT
2
0
−2
300
350
400
450
c_atm

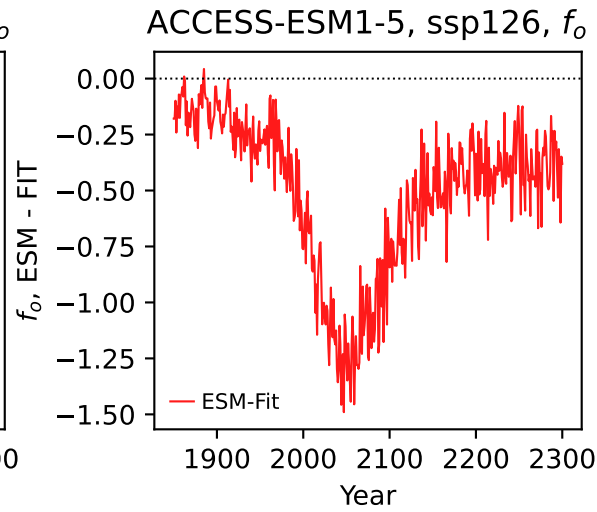

ACCESS-ESM1-5, ssp126, npp, ln(MSE/SIGMA)
139, -2.2962, 998.5757, 2.5746, 0.1022, 0.0450, 0.9900, 0.6334, 0
npp_t_e
npp_t_l
4
3
2
1
0
−1
−2
−3
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
22.80
22.35
21.90
21.45
21.00
20.55
20.10
19.65
19.20
18.75

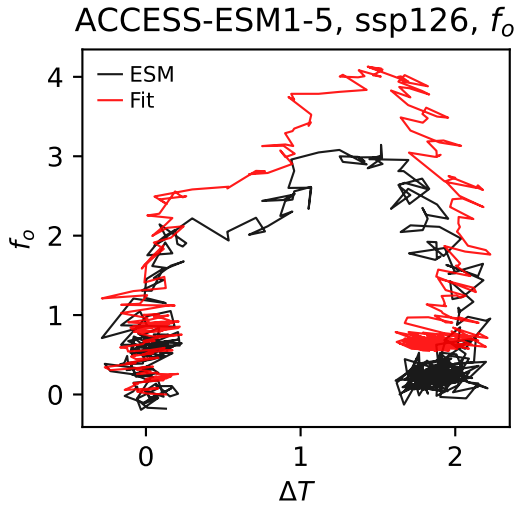

ACCESS-ESM1-5, ssp126, npp, ln(MSE/SIGMA)
139, -2.2962, 998.5757, 2.5746, 0.1022, 0.0450, 0.9900, 0.6334, 0
ACCESS-ESM1-5
npp_c_half
npp_c_l
2000
1750
1500
1250
1000
750
500
250
0
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
21.30
21.12
20.94
20.76
20.58
20.40
20.22
20.04
19.86
19.68

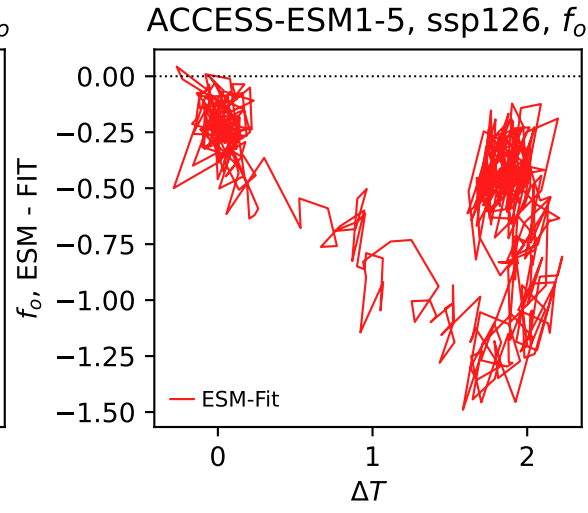

ACCESS-ESM1-5, ssp126, npp, ln(MSE/SIGMA)
139, -2.2962, 998.5757, 2.5746, 0.1022, 0.0450, 0.9900, 0.6334, 0
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
npp_hyst
−3
−2
−1
0
1
2
3
npp_c_e
22.4
21.8
21.2
20.6
20.0
19.4
18.8
18.2
17.6

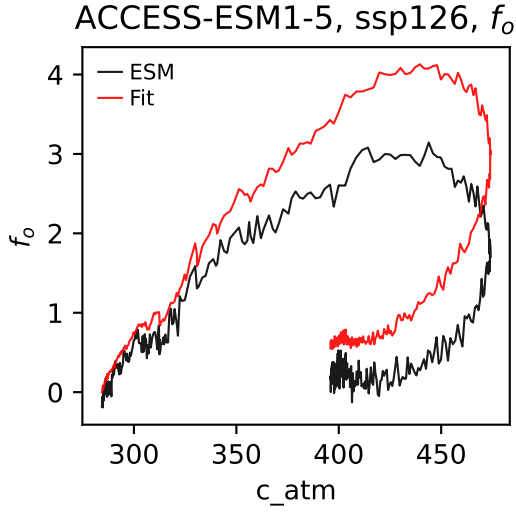

ACCESS-ESM1-5, ssp126, npp, ln(MSE/SIGMA)
139, -2.2962, 998.5757, 2.5746, 0.1022, 0.0450, 0.9900, 0.6334, 0
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.65
0.60
npp_slow
0.90
0.92
0.94
0.96
0.98
1.00
npp_fast
20.424
20.408
20.392
20.376
20.360
20.344
20.328
20.312


ACCESS-ESM1-5, ssp126, f_o
ESM
Fit
f_o
Year


ACCESS-ESM1-5, ssp126, f_o
f_o, ESM - FIT
ESM-Fit
Year


ACCESS-ESM1-5, ssp126, f_o
ESM
Fit
f_o
ΔT


ACCESS-ESM1-5, ssp126, f_o
f_o, ESM - FIT
ESM-Fit
ΔT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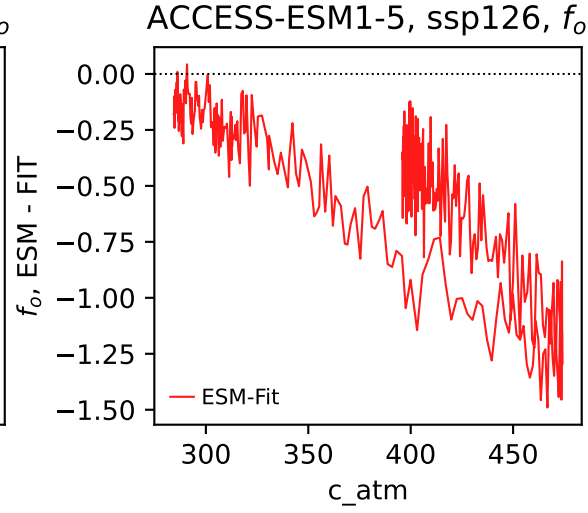
ESM
Fit
f_o
c_atm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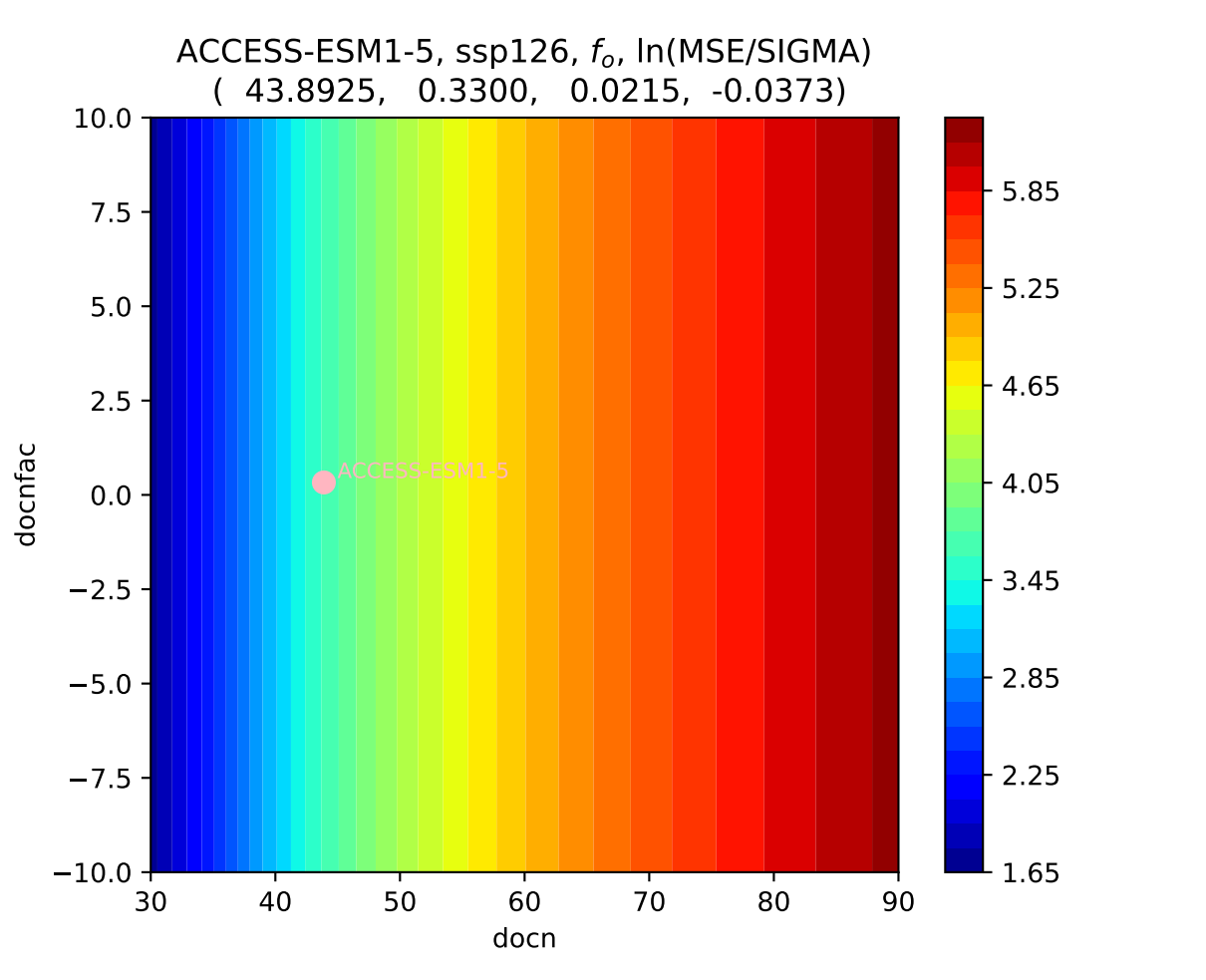
ESM-Fit
c_atm


ACCESS-ESM1-5, ssp126, f_o, ln(MSE/SIGMA)
(43.8925, 0.3300, 0.0215, -0.0373)
ACCESS-ESM1-5
docnfac
docn
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
30
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50
60
70
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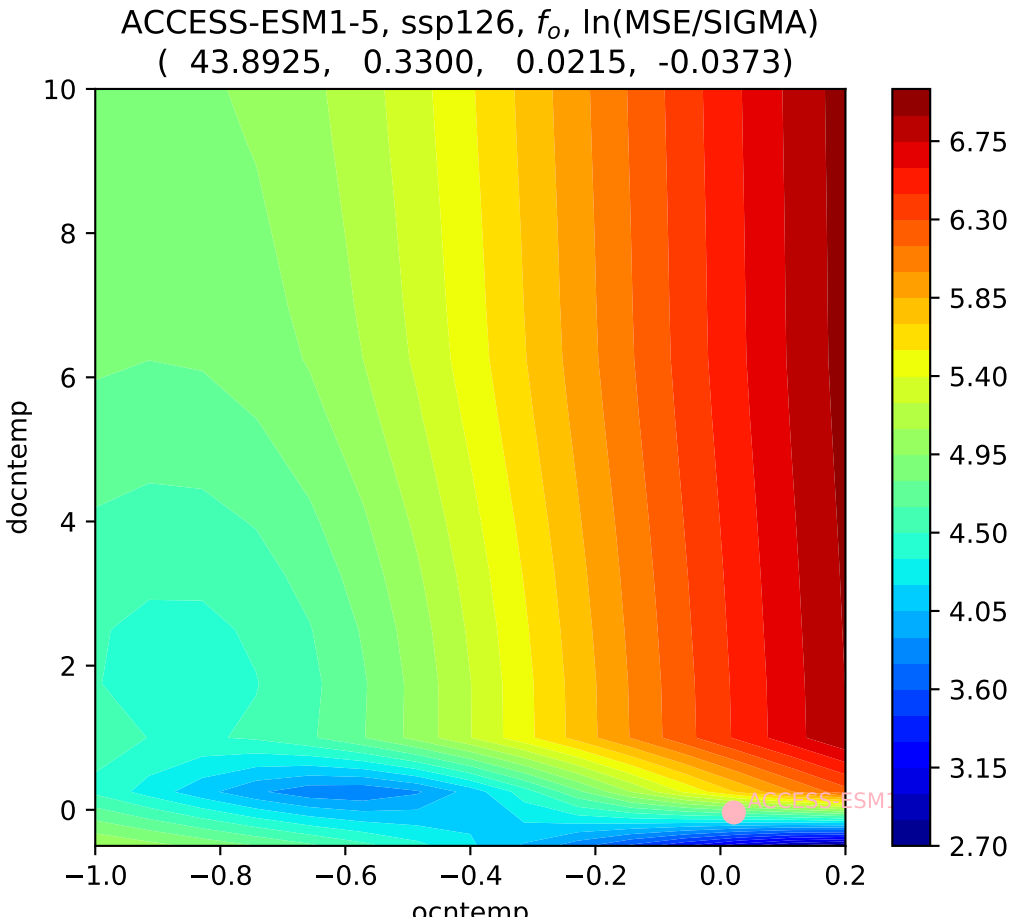
1.65


ACCESS-ESM1-5, ssp126, f_o, ln(MSE/SIGMA)
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docntemp
ocntemp
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6
4
2
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−0.4
−0.2
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6.75
6.30
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5.40
4.95
4.50
4.05
3.60
3.15
2.70