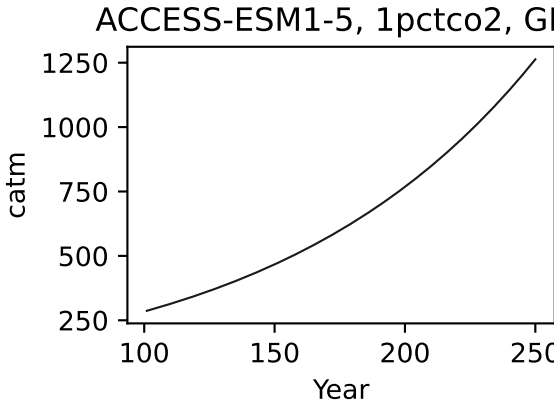
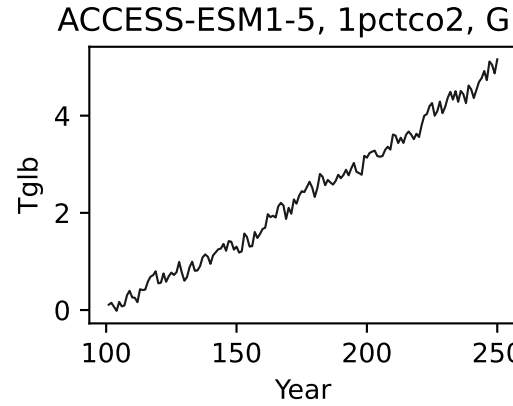
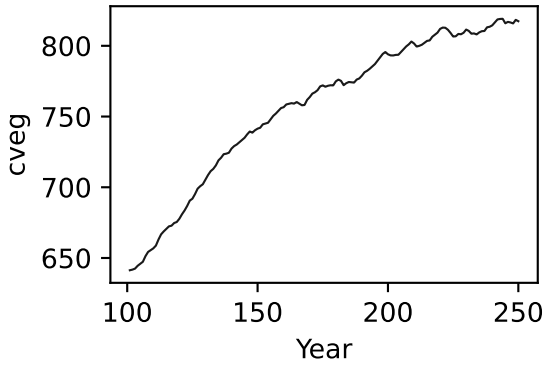
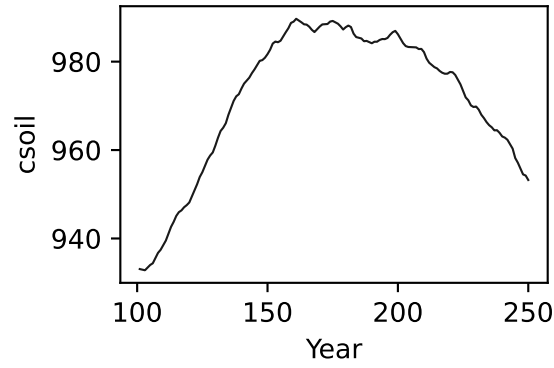
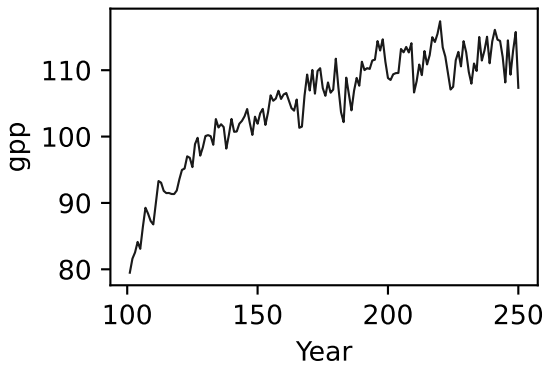
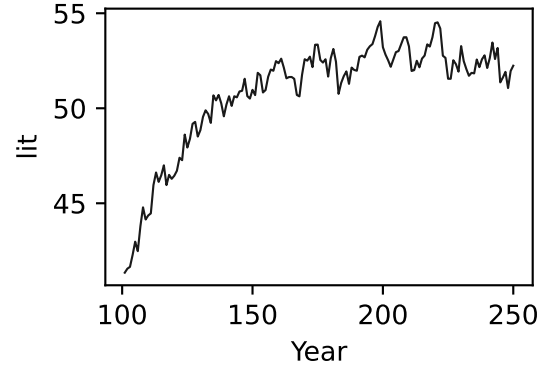

ACCESS-ESM1-5, 1pctco2, GPP
catm
Year

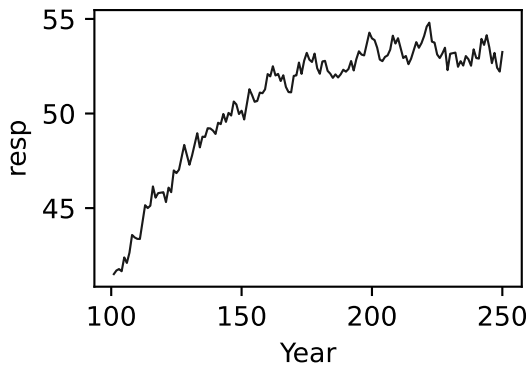

ACCESS-ESM1-5, 1pctco2, GPP
Tglb
Year

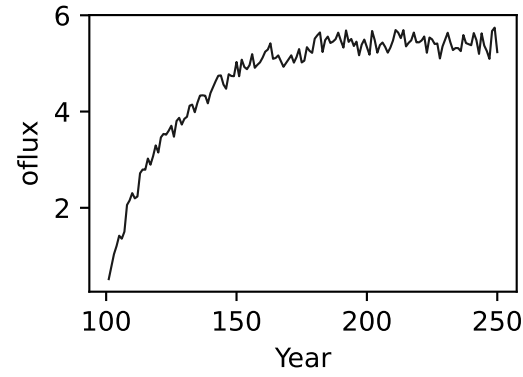

cveg
Year

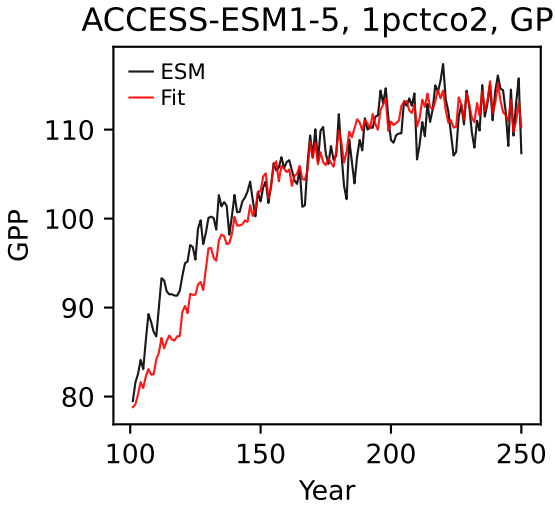

csoil
Year

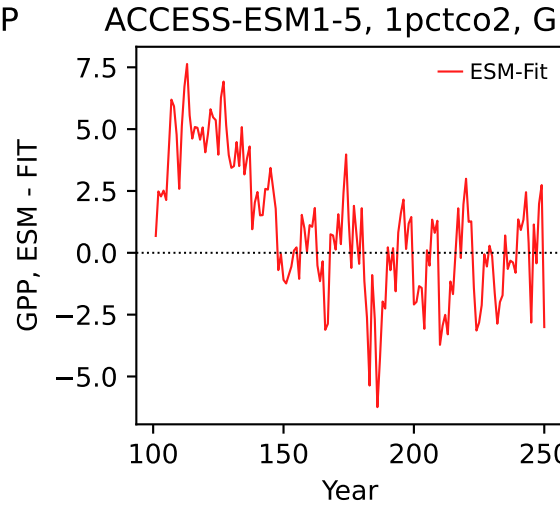

gpp
Year

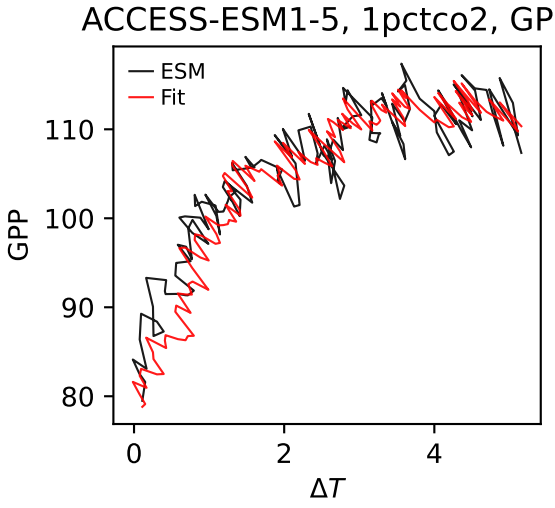

lit
Year

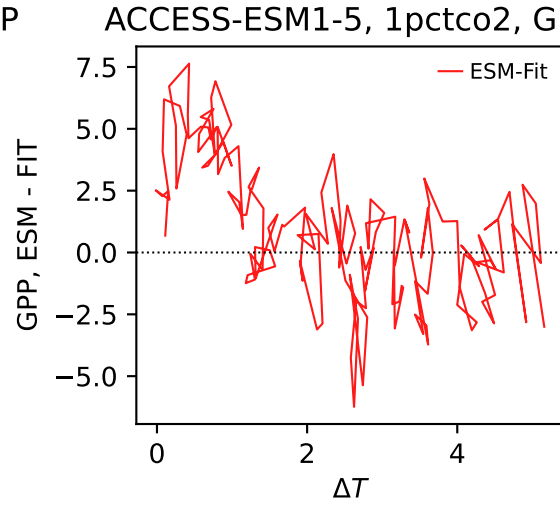

resp
Year

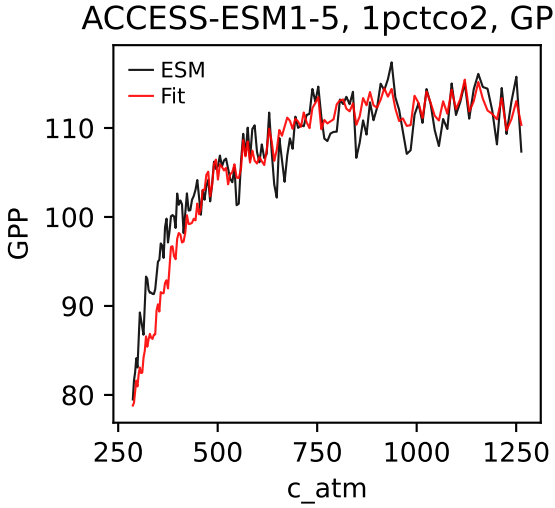

oflux
Year

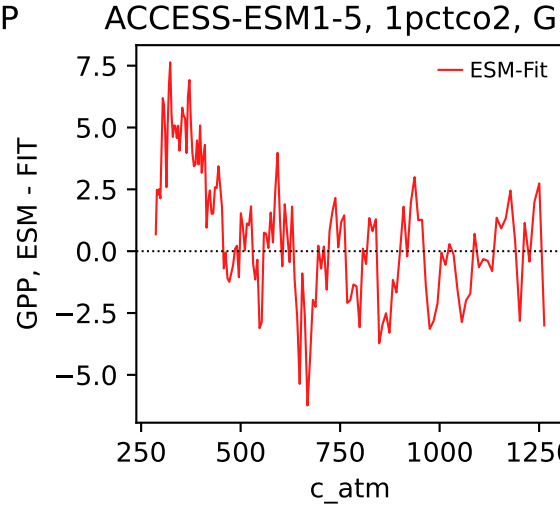

ACCESS-ESM1-5, 1pctco2, GPP
ESM
Fit
GPP
Year

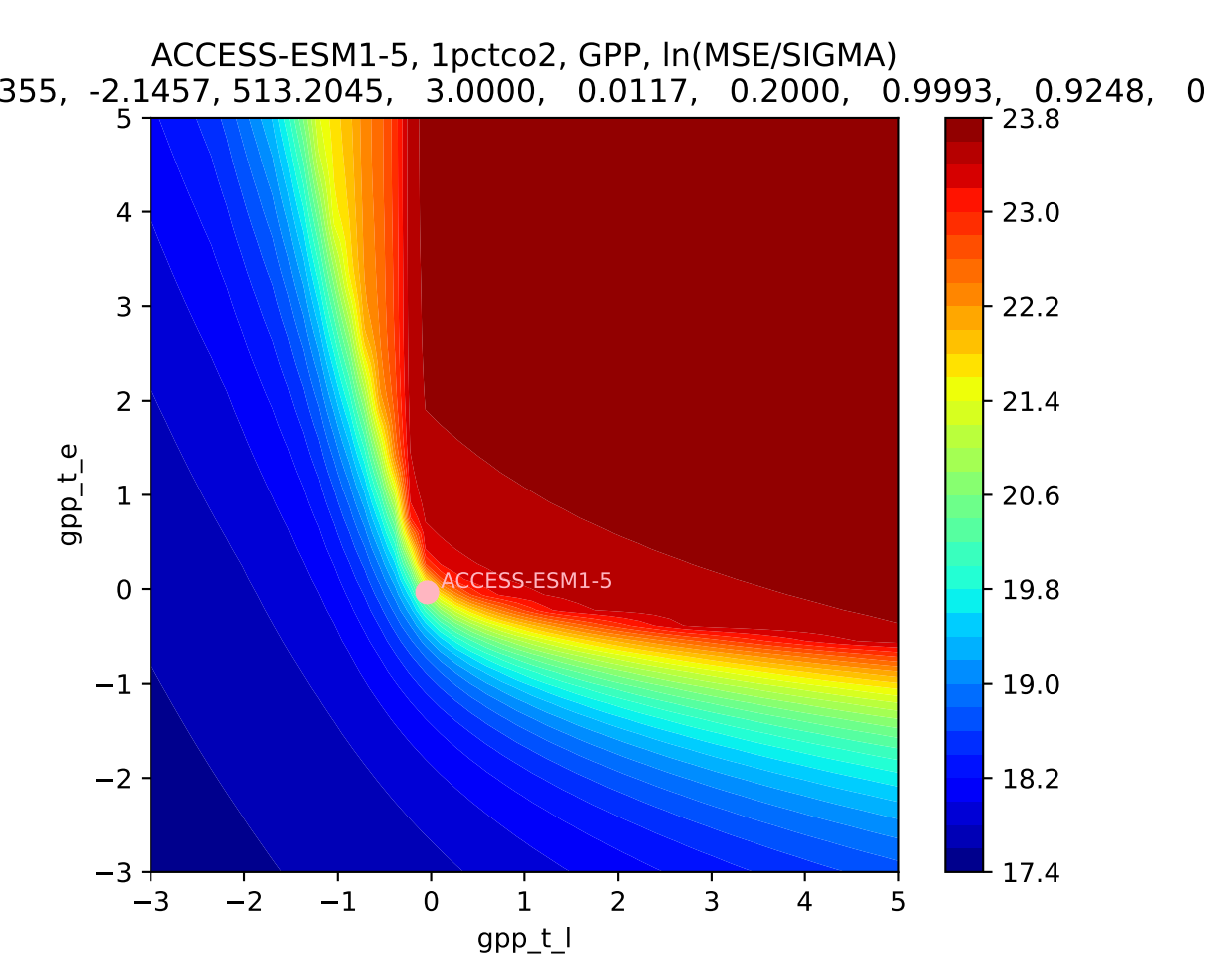

ACCESS-ESM1-5, 1pctco2, GPP
ESM-Fit
GPP, ESM - FIT
Year

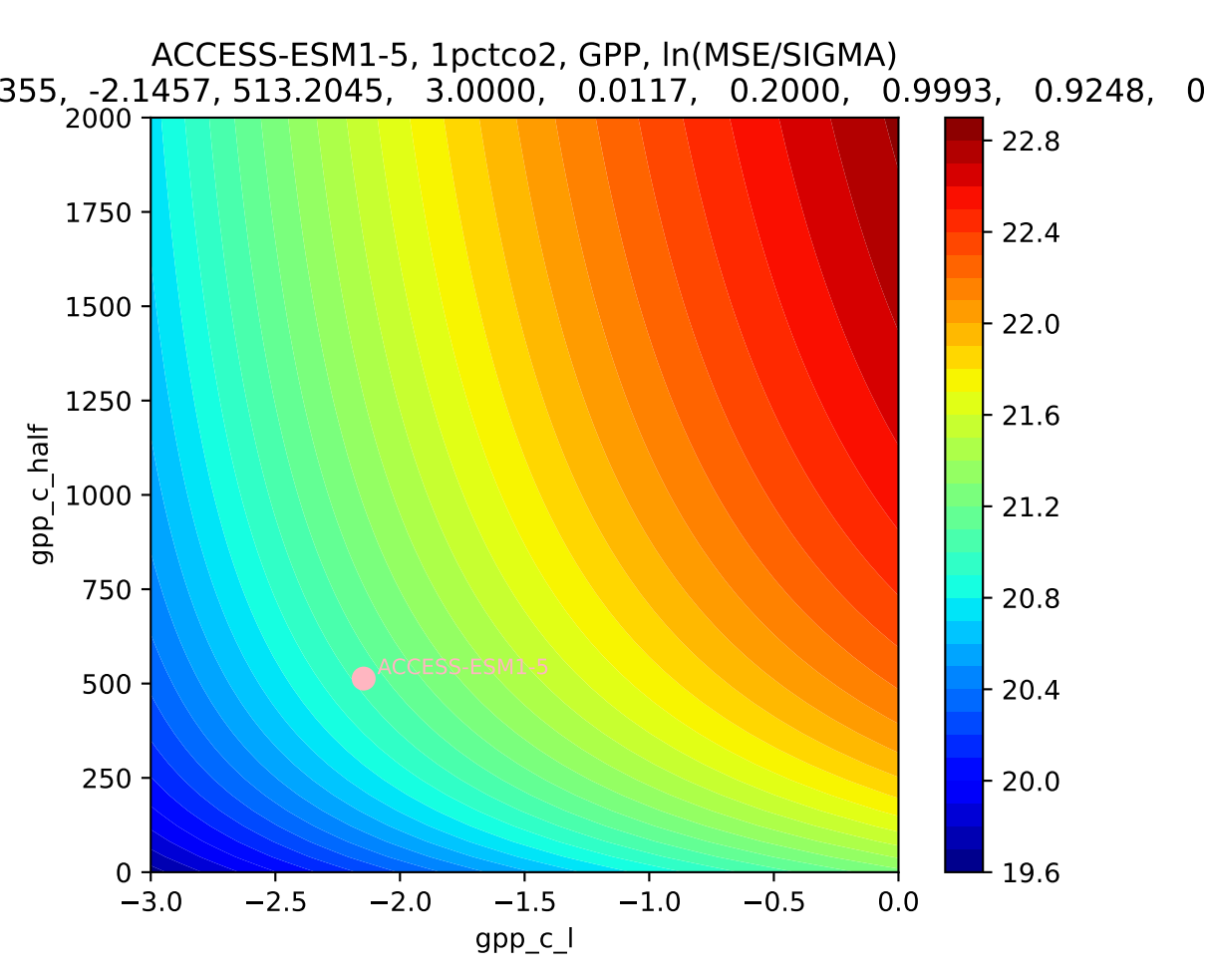

ACCESS-ESM1-5, 1pctco2, GPP
ESM
Fit
GPP
ΔT

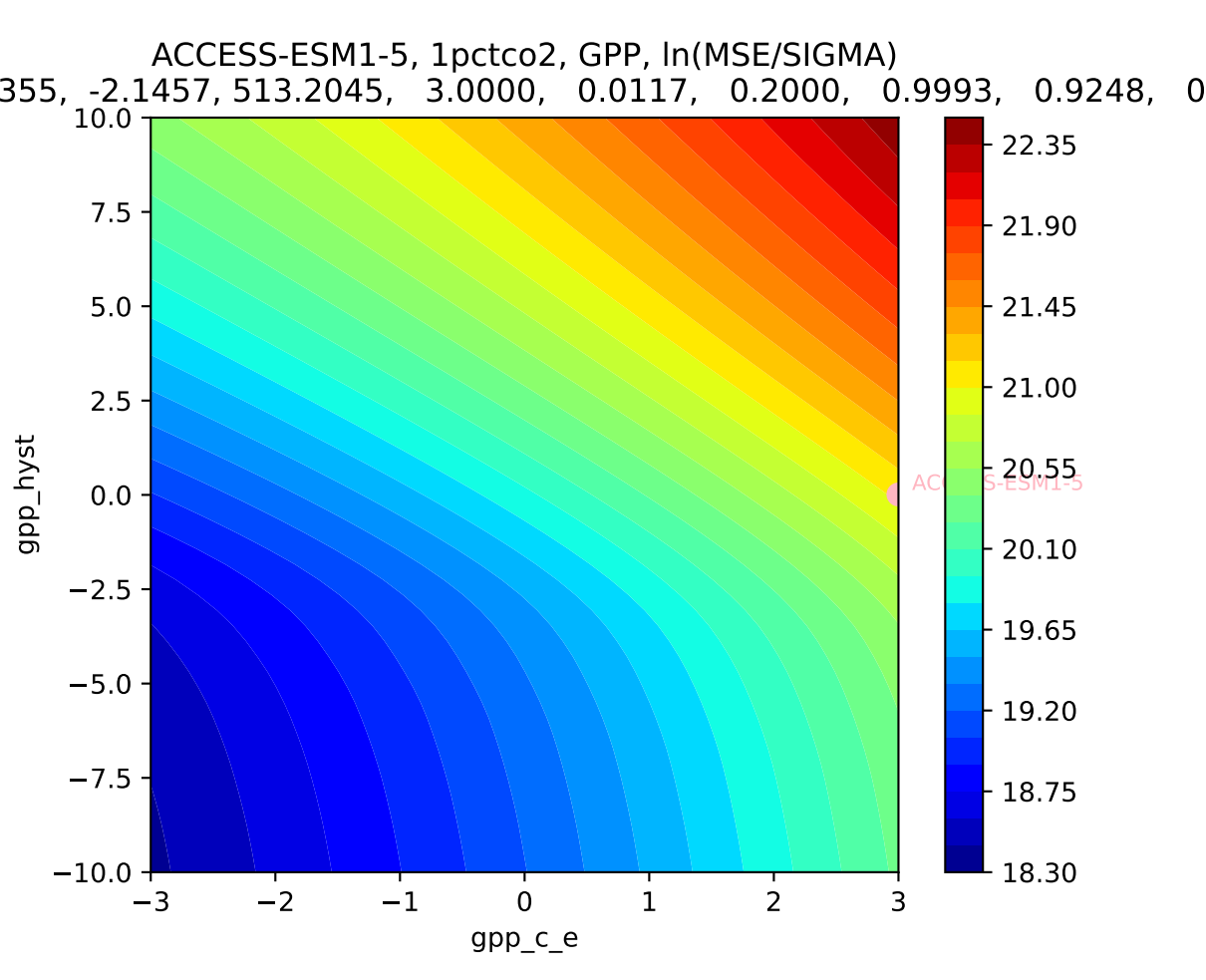

ACCESS-ESM1-5, 1pctco2, GPP
ESM-Fit
GPP, ESM - FIT
ΔT

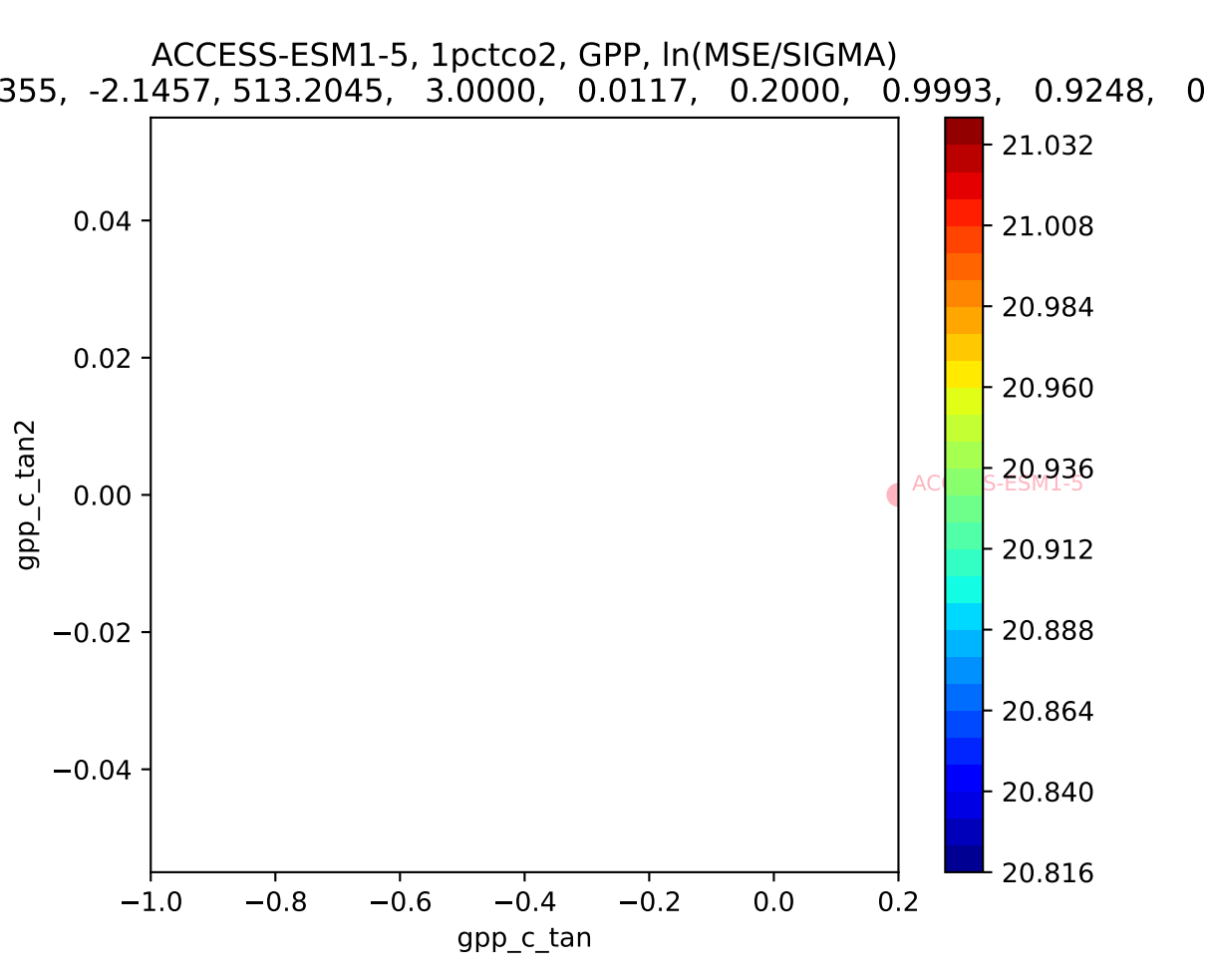

ACCESS-ESM1-5, 1pctco2, GPP
ESM
Fit
GPP
c_atm

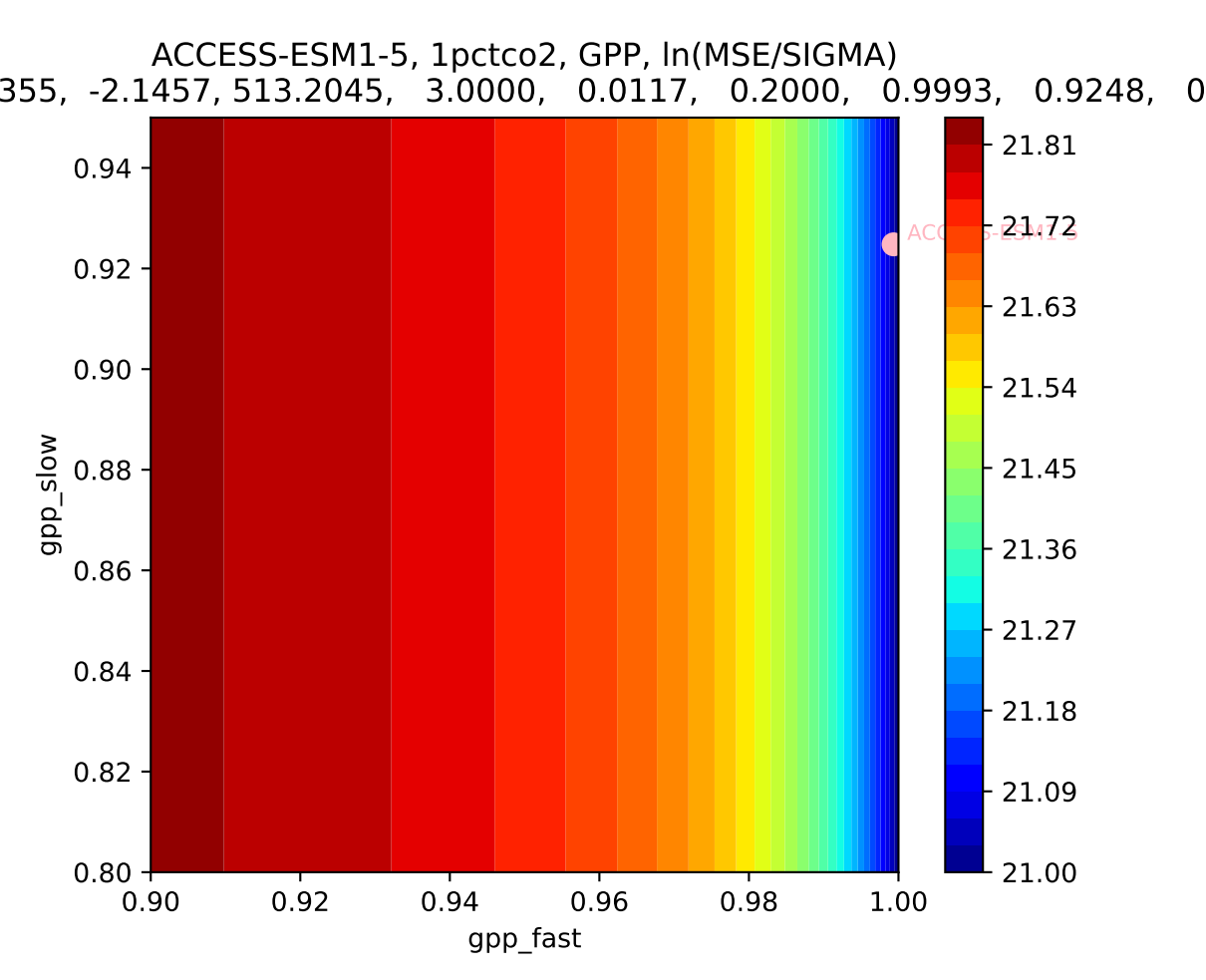

ACCESS-ESM1-5, 1pctco2, GPP
ESM-Fit
GPP, ESM - FIT
c_atm

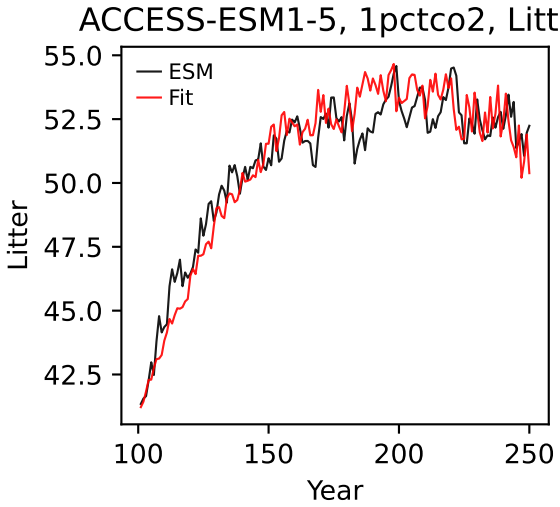

ACCESS-ESM1-5, 1pctco2, GPP, ln(MSE/SIGMA)
355, -2.1457, 513.2045, 3.0000, 0.0117, 0.2000, 0.9993, 0.9248, 0
ACCESS-ESM1-5
gpp_t_e
gpp_t_l
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
23.8
23.0
22.2
21.4
20.6
19.8
19.0
18.2
17.4

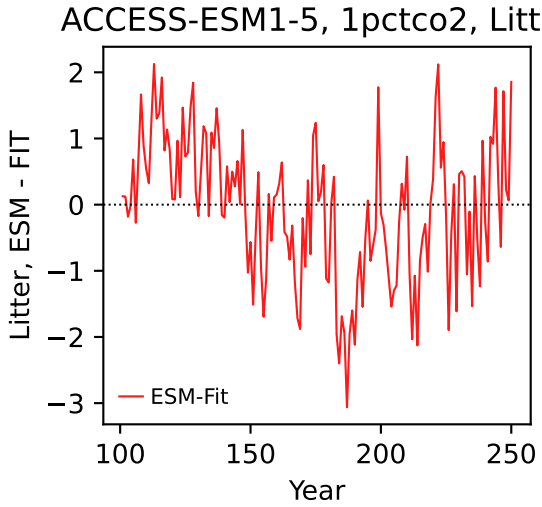

ACCESS-ESM1-5, 1pctco2, GPP, ln(MSE/SIGMA)
355, -2.1457, 513.2045, 3.0000, 0.0117, 0.2000, 0.9993, 0.9248, 0
gpp_c_half
gpp_c_l
ACCESS-ESM1-5
2000
1750
1500
1250
1000
750
500
250
0
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
22.8
22.4
22.0
21.6
21.2
20.8
20.4
20.0
19.6

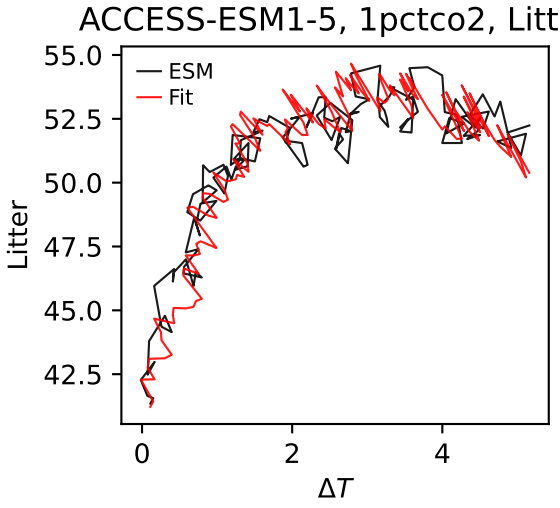

ACCESS-ESM1-5, 1pctco2, GPP, ln(MSE/SIGMA)
355, -2.1457, 513.2045, 3.0000, 0.0117, 0.2000, 0.9993, 0.9248, 0
gpp_hyst
gpp_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
22.35
21.90
21.45
21.00
20.55
20.10
19.65
19.20
18.75
18.30

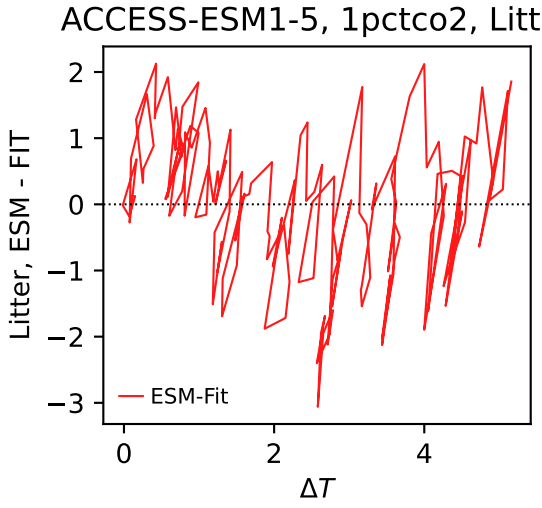

ACCESS-ESM1-5, 1pctco2, GPP, ln(MSE/SIGMA)
355, -2.1457, 513.2045, 3.0000, 0.0117, 0.2000, 0.9993, 0.9248, 0
gpp_c_tan2
gpp_c_tan
0.04
0.02
0.00
−0.02
−0.04
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
21.032
21.008
20.984
20.960
20.936
20.912
20.888
20.864
20.840
20.816

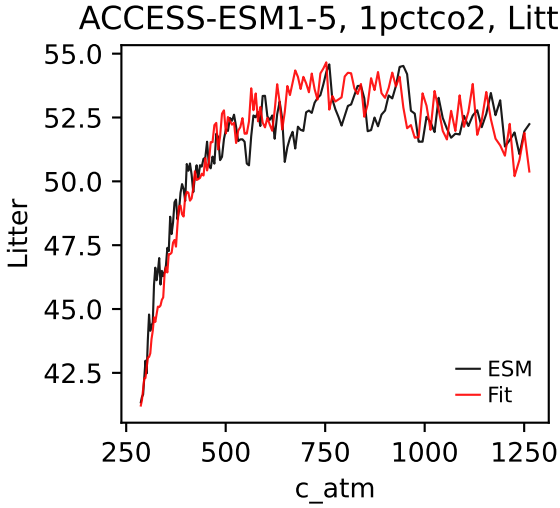

ACCESS-ESM1-5, 1pctco2, GPP, ln(MSE/SIGMA)
355, -2.1457, 513.2045, 3.0000, 0.0117, 0.2000, 0.9993, 0.9248, 0
gpp_slow
0.94
0.92
0.90
0.88
0.86
0.84
0.82
0.80
0.90
0.92
0.94
0.96
0.98
1.00
gpp_fast
21.81
21.72
21.63
21.54
21.45
21.36
21.27
21.18
21.09
21.00

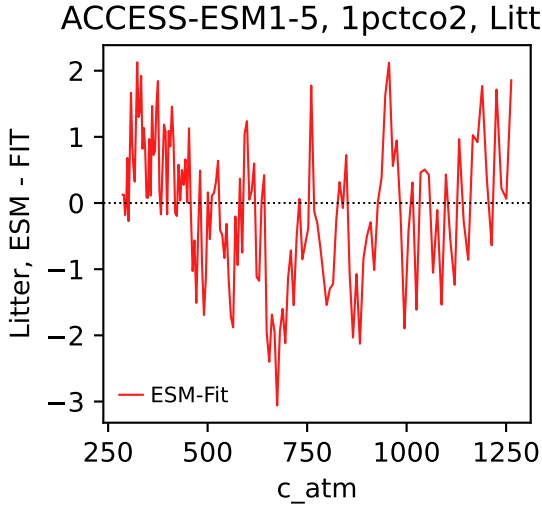

ACCESS-ESM1-5, 1pctco2, Litter
ESM
Fit
Litter
Year

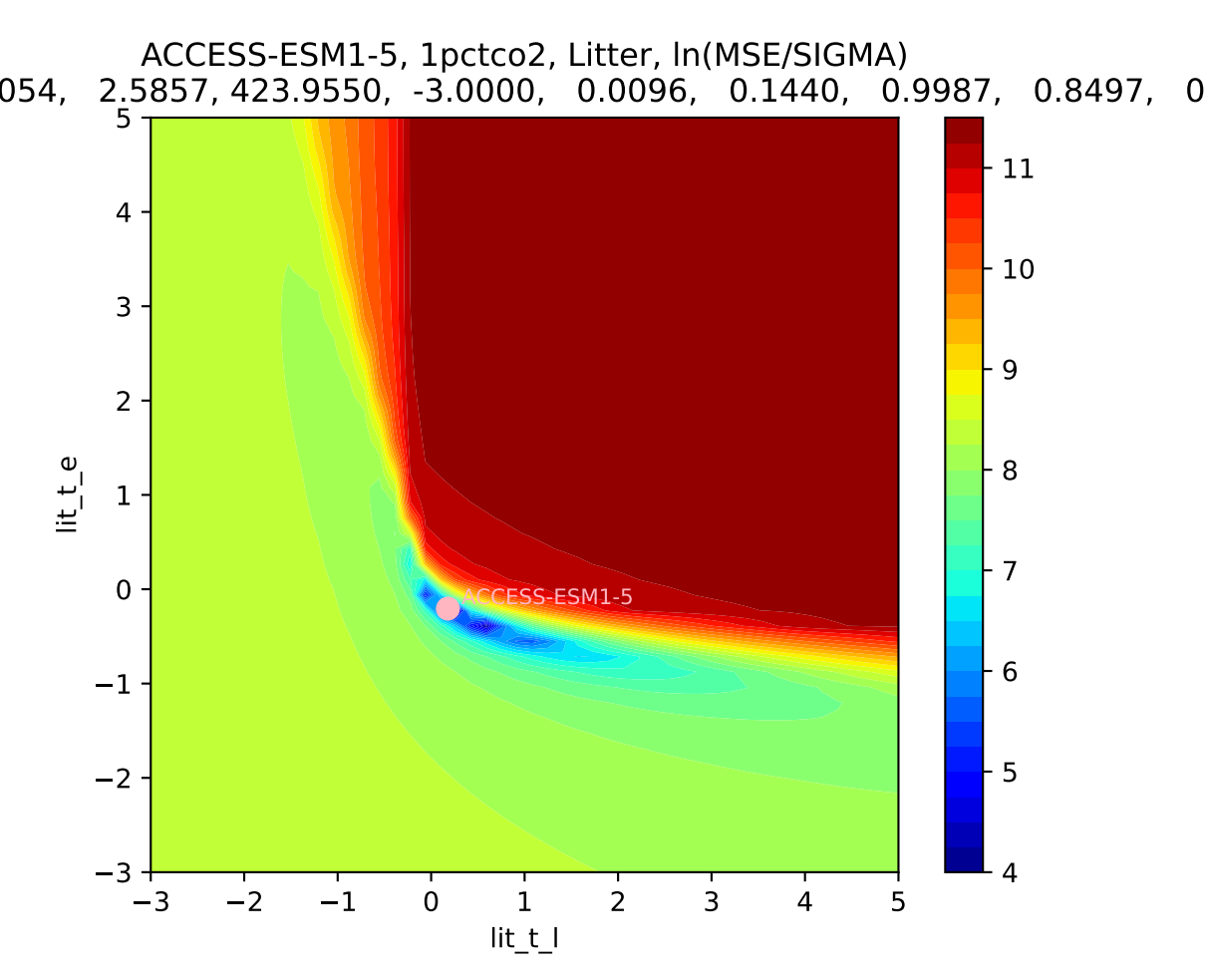

ACCESS-ESM1-5, 1pctco2, Litter
Litter, ESM - FIT
ESM-Fit
Year

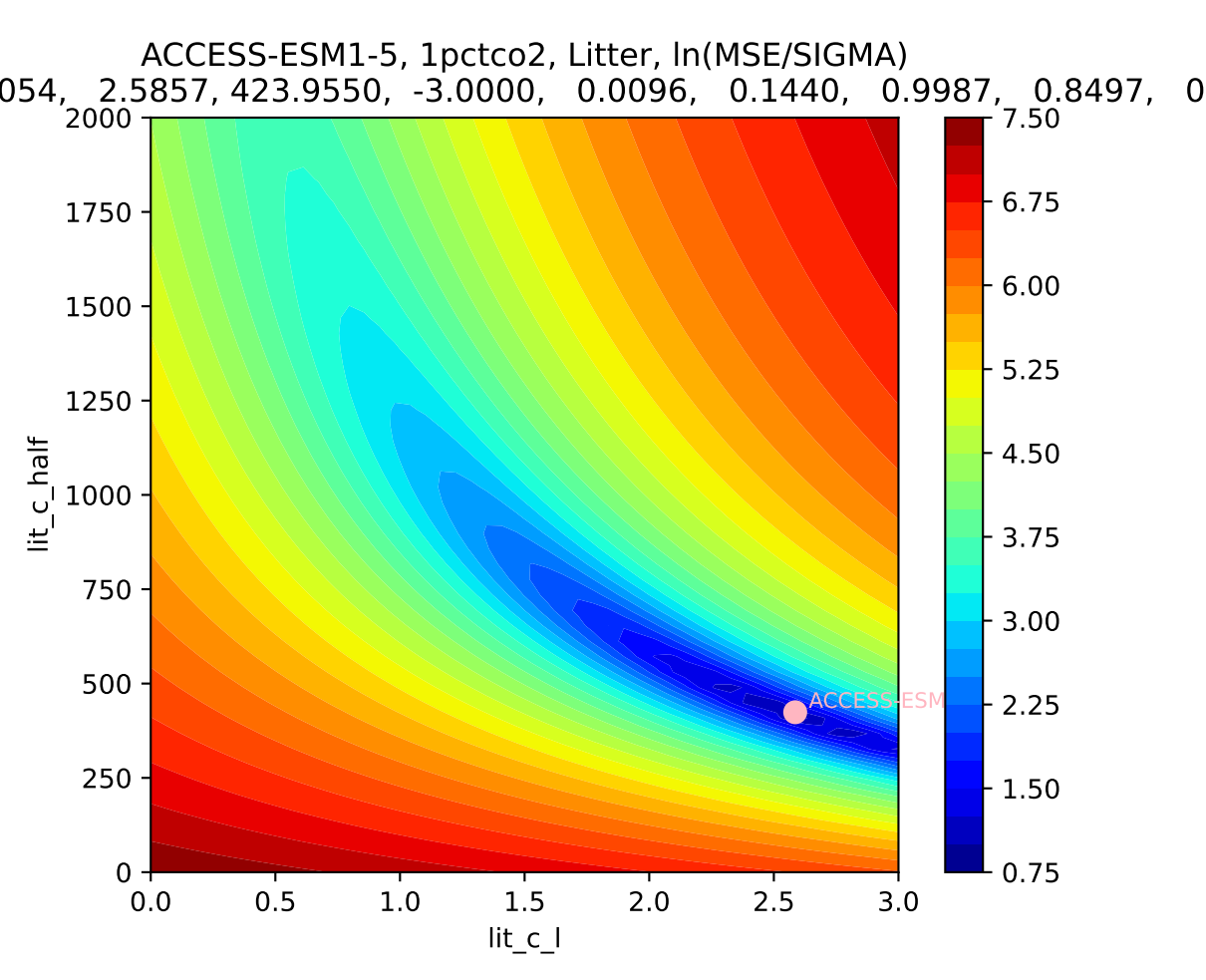

ACCESS-ESM1-5, 1pctco2, Litter
ESM
Fit
Litter
ΔT

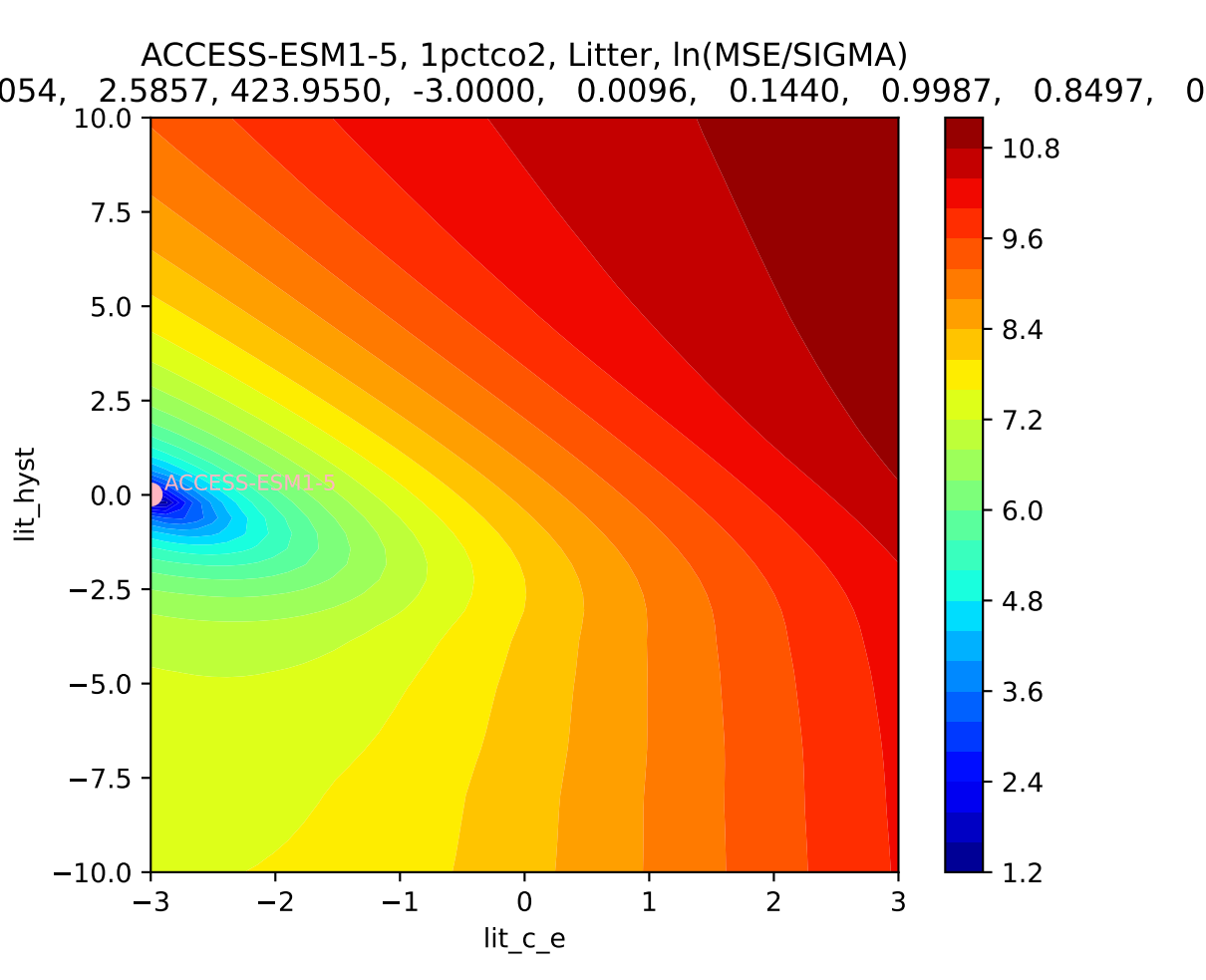

ACCESS-ESM1-5, 1pctco2, Litter
Litter, ESM - FIT
ESM-Fit
ΔT

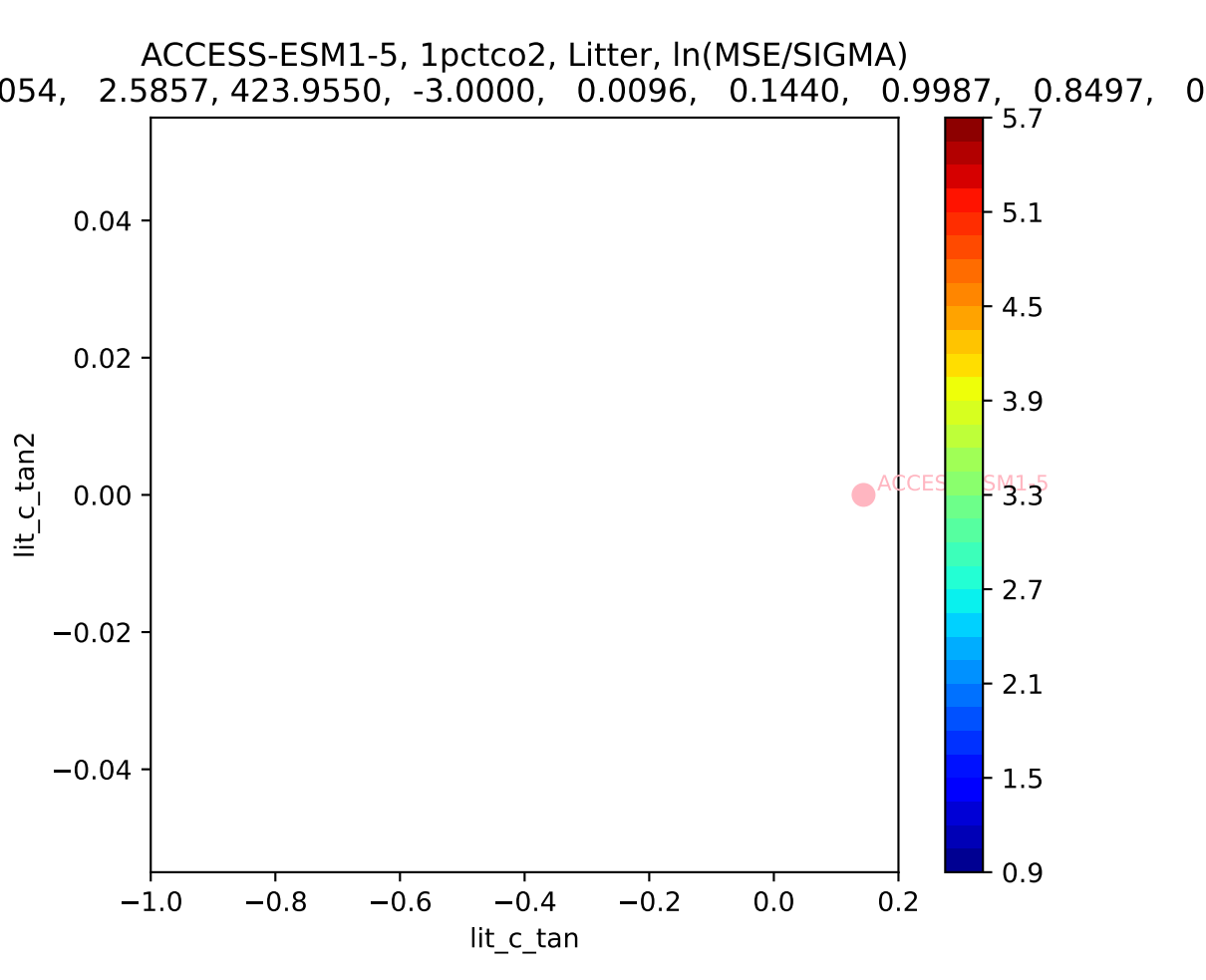

ACCESS-ESM1-5, 1pctco2, Litter
ESM
Fit
Litter
c_atm

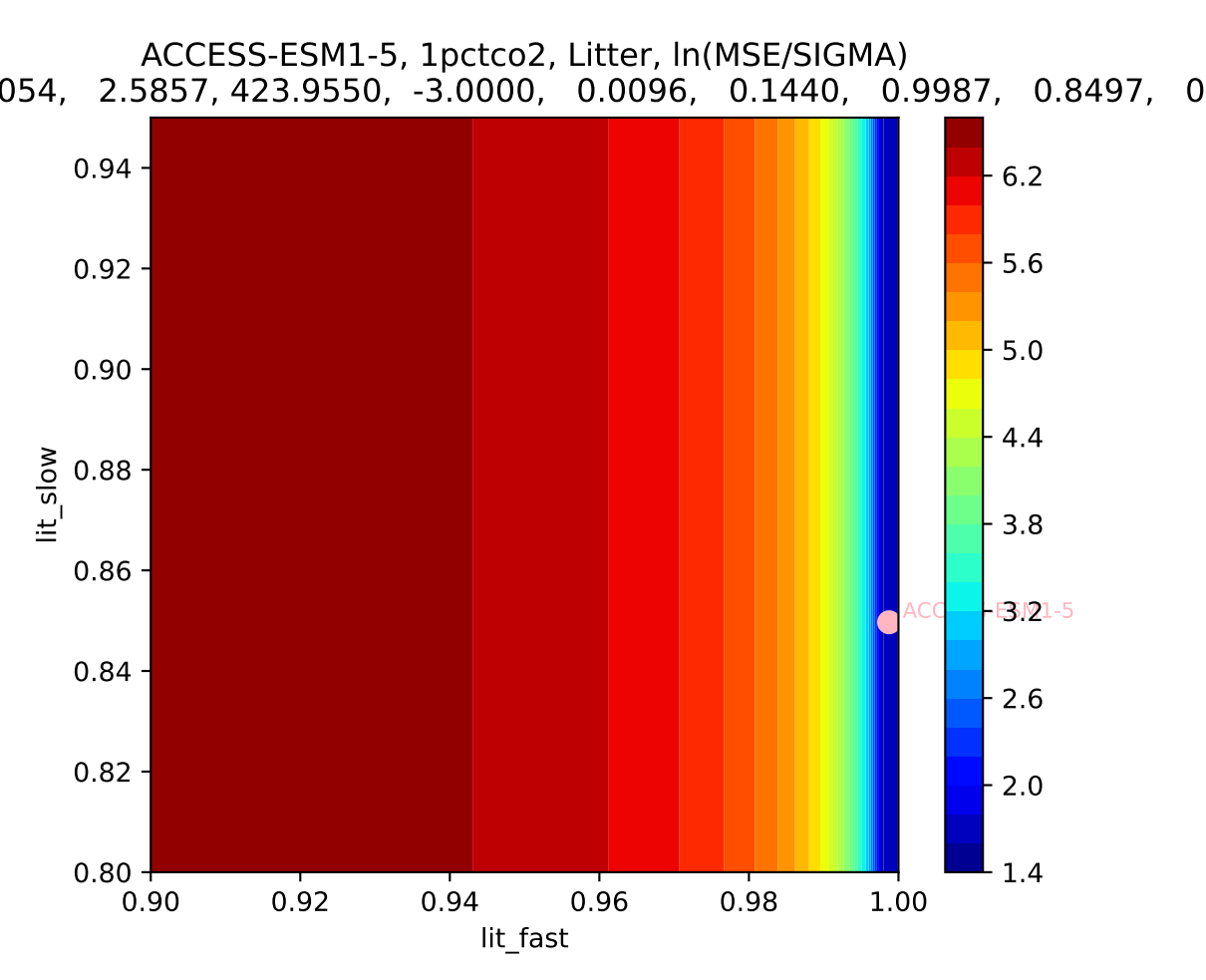

ACCESS-ESM1-5, 1pctco2, Litter
Litter, ESM - FIT
ESM-Fit
c_atm


ACCESS-ESM1-5, 1pctco2, Litter, ln(MSE/SIGMA)
054, 2.5857, 423.9550, -3.0000, 0.0096, 0.1440, 0.9987, 0.8497, 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
10
9
8
7
6
5
4


ACCESS-ESM1-5, 1pctco2, Litter, ln(MSE/SIGMA)
054, 2.5857, 423.9550, -3.0000, 0.0096, 0.1440, 0.9987, 0.8497, 0
lit_c_half
lit_c_l
0
250
500
750
1000
1250
1500
1750
2000
0.0
0.5
1.0
1.5
2.0
2.5
3.0
7.50
6.75
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
ACCESS-ESM


ACCESS-ESM1-5, 1pctco2, Litter, ln(MSE/SIGMA)
054, 2.5857, 423.9550, -3.0000, 0.0096, 0.1440, 0.9987, 0.8497, 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
1.2


ACCESS-ESM1-5, 1pctco2, Litter, ln(MSE/SIGMA)
054, 2.5857, 423.9550, -3.0000, 0.0096, 0.1440, 0.9987, 0.8497, 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
5.7
5.1
4.5
3.9
3.3
2.7
2.1
1.5
0.9


ACCESS-ESM1-5, 1pctco2, Litter, ln(MSE/SIGMA)
054, 2.5857, 423.9550, -3.0000, 0.0096, 0.1440, 0.9987, 0.8497, 0
lit_slow
lit_fast
0.80
0.82
0.84
0.86
0.88
0.90
0.92
0.94
0.90
0.92
0.94
0.96
0.98
1.00
6.2
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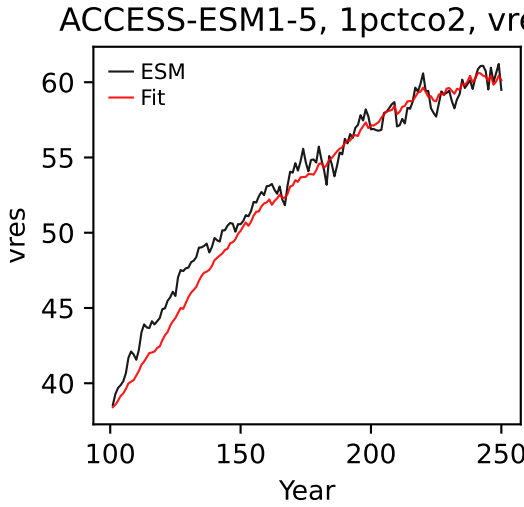
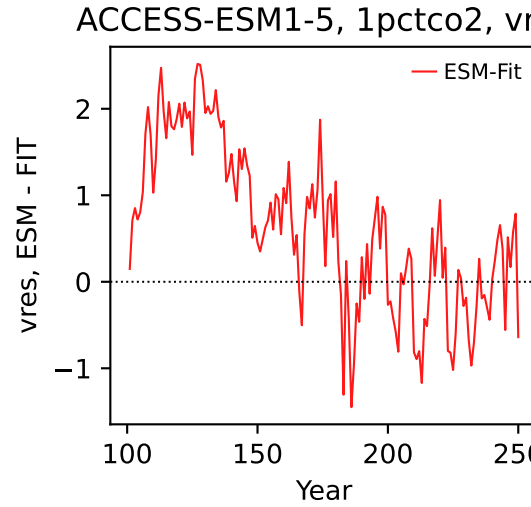
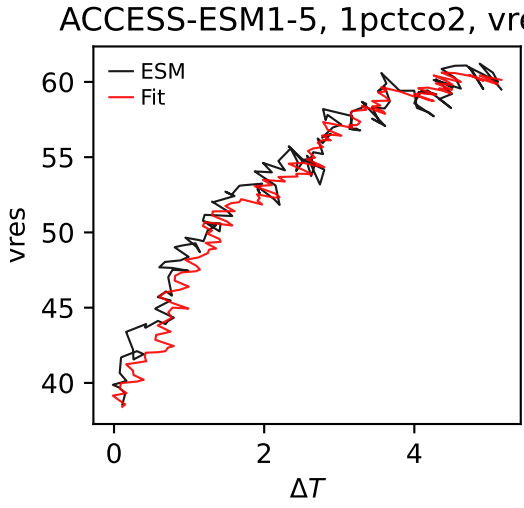
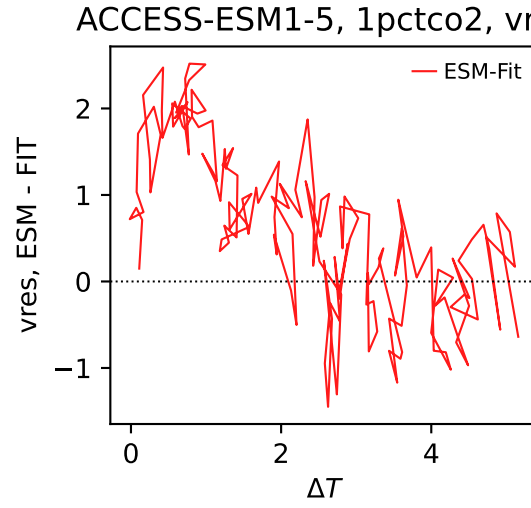
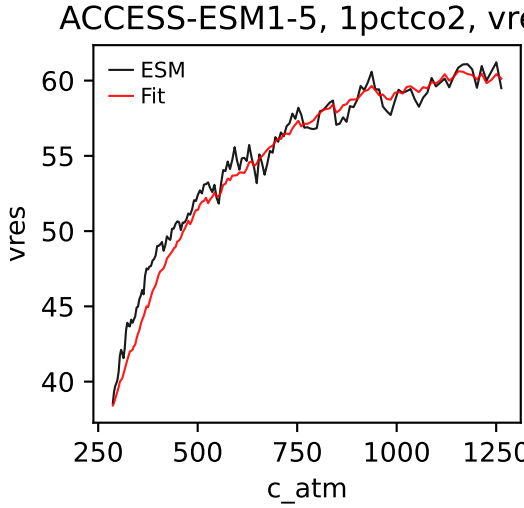
5.0
4.4
3.8
3.2
2.6
2.0
1.4

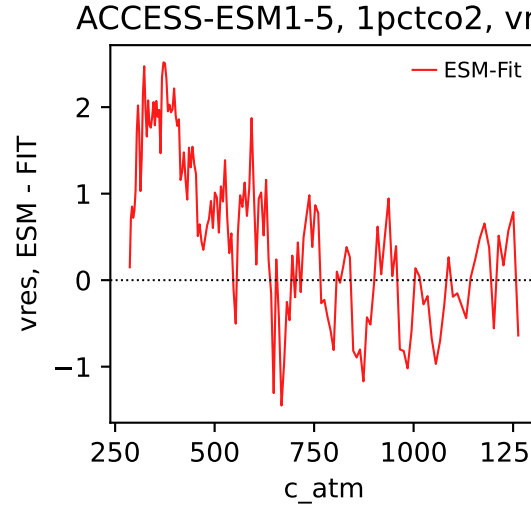

ACCESS-ESM1-5, 1pctco2, vres
ESM
Fit
vres
Year

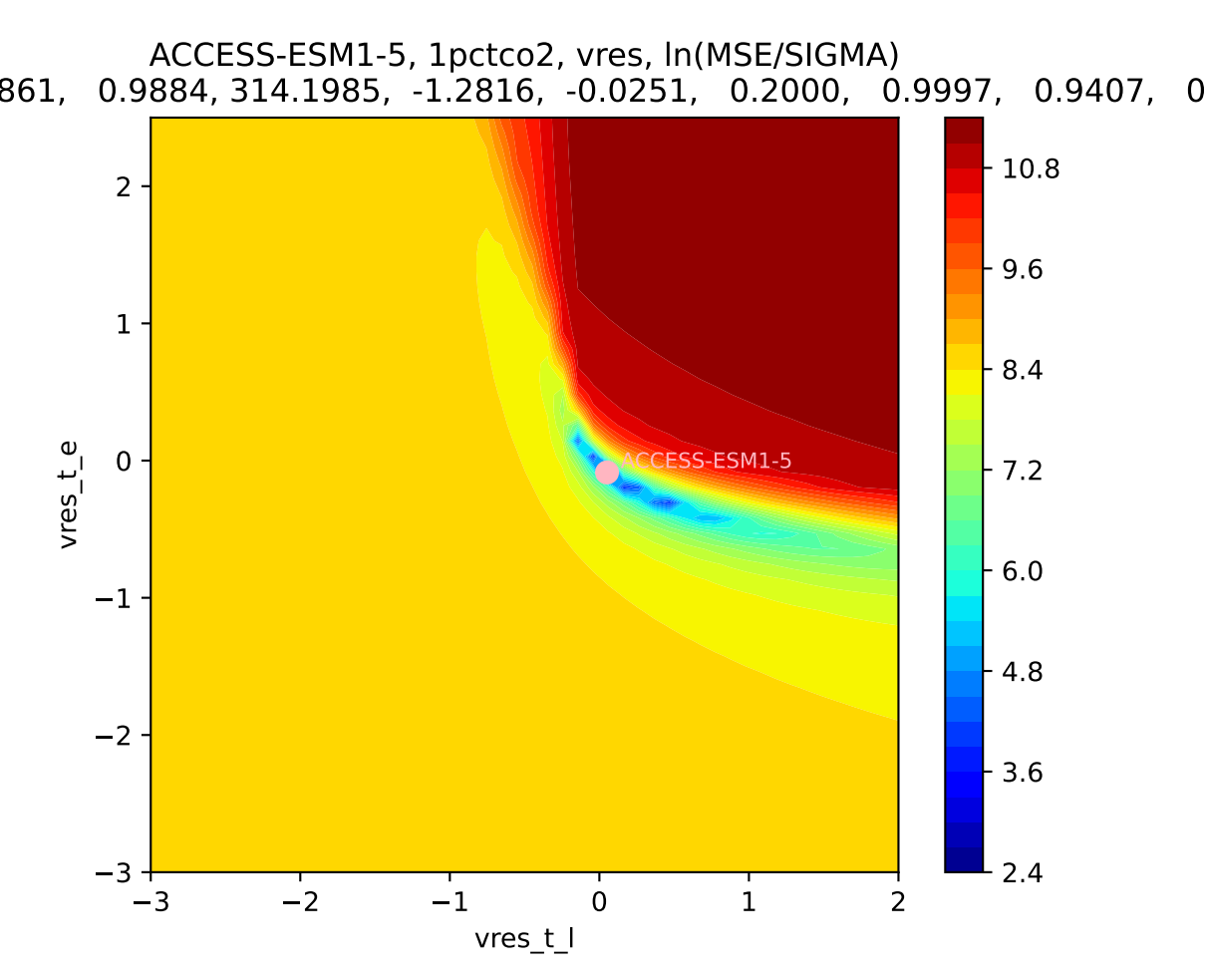

ACCESS-ESM1-5, 1pctco2, vres
ESM-Fit
vres, ESM - FIT
Year

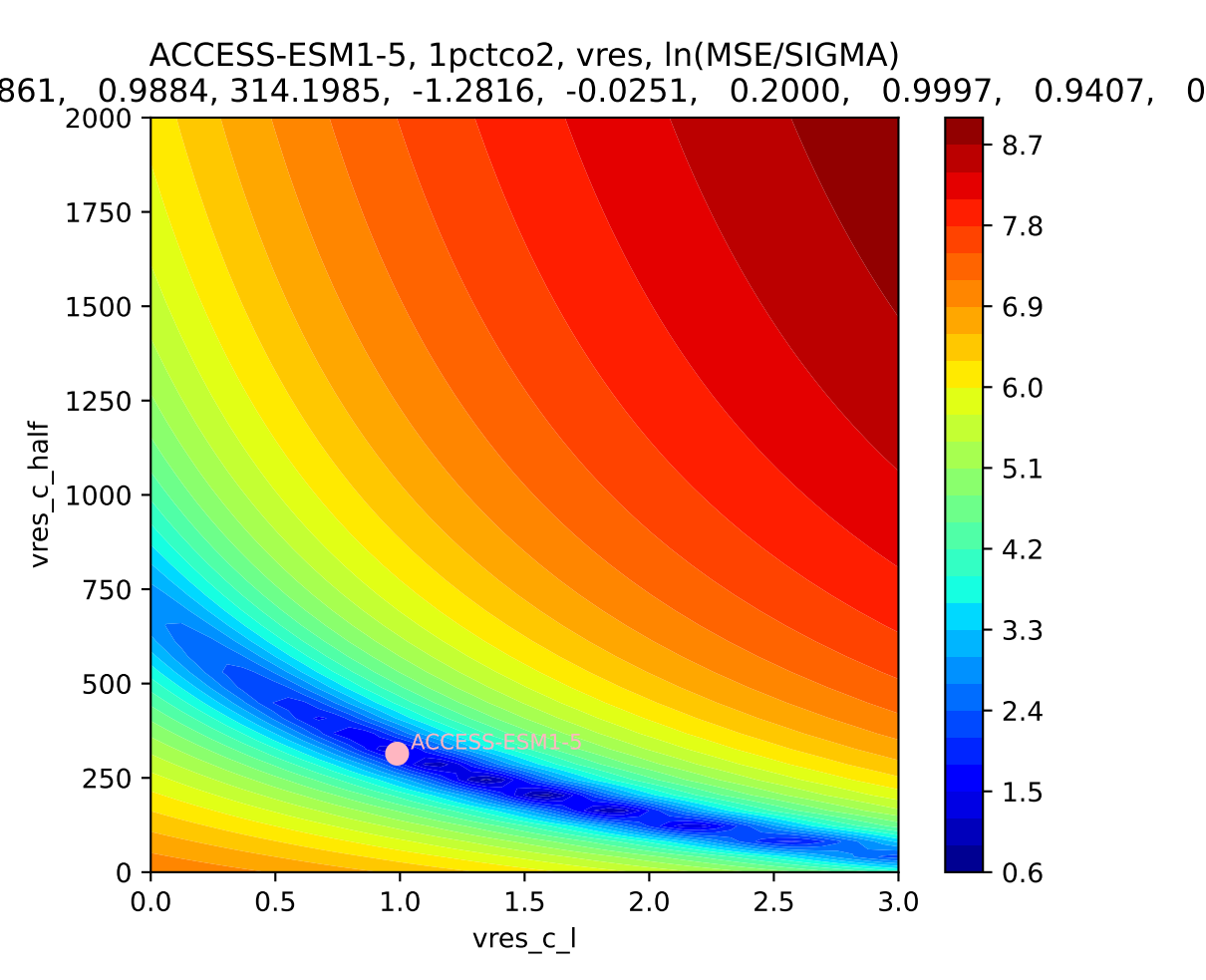

ACCESS-ESM1-5, 1pctco2, vres
ESM
Fit
vres
ΔT

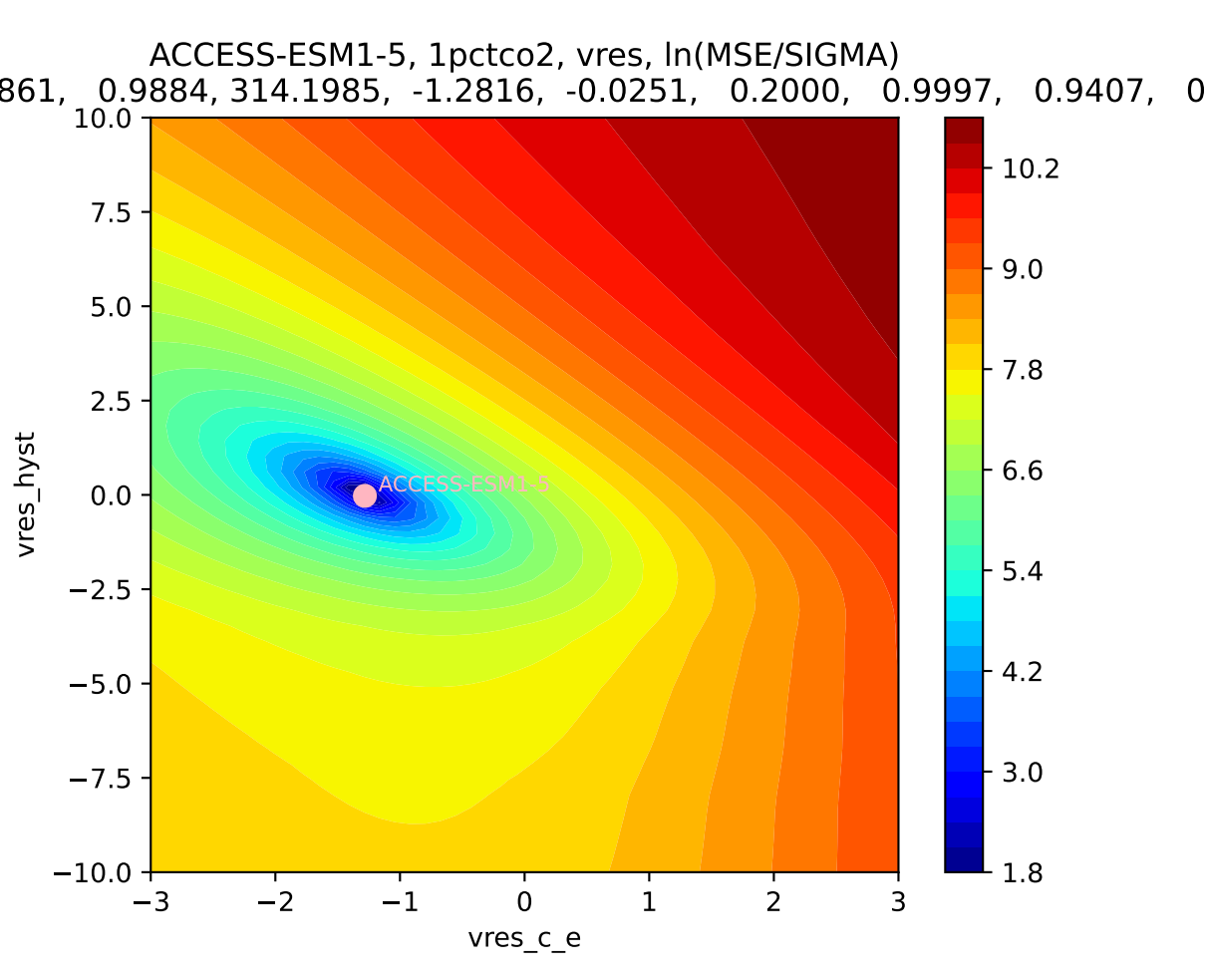

ACCESS-ESM1-5, 1pctco2, vres
ESM-Fit
vres, ESM - FIT
ΔT

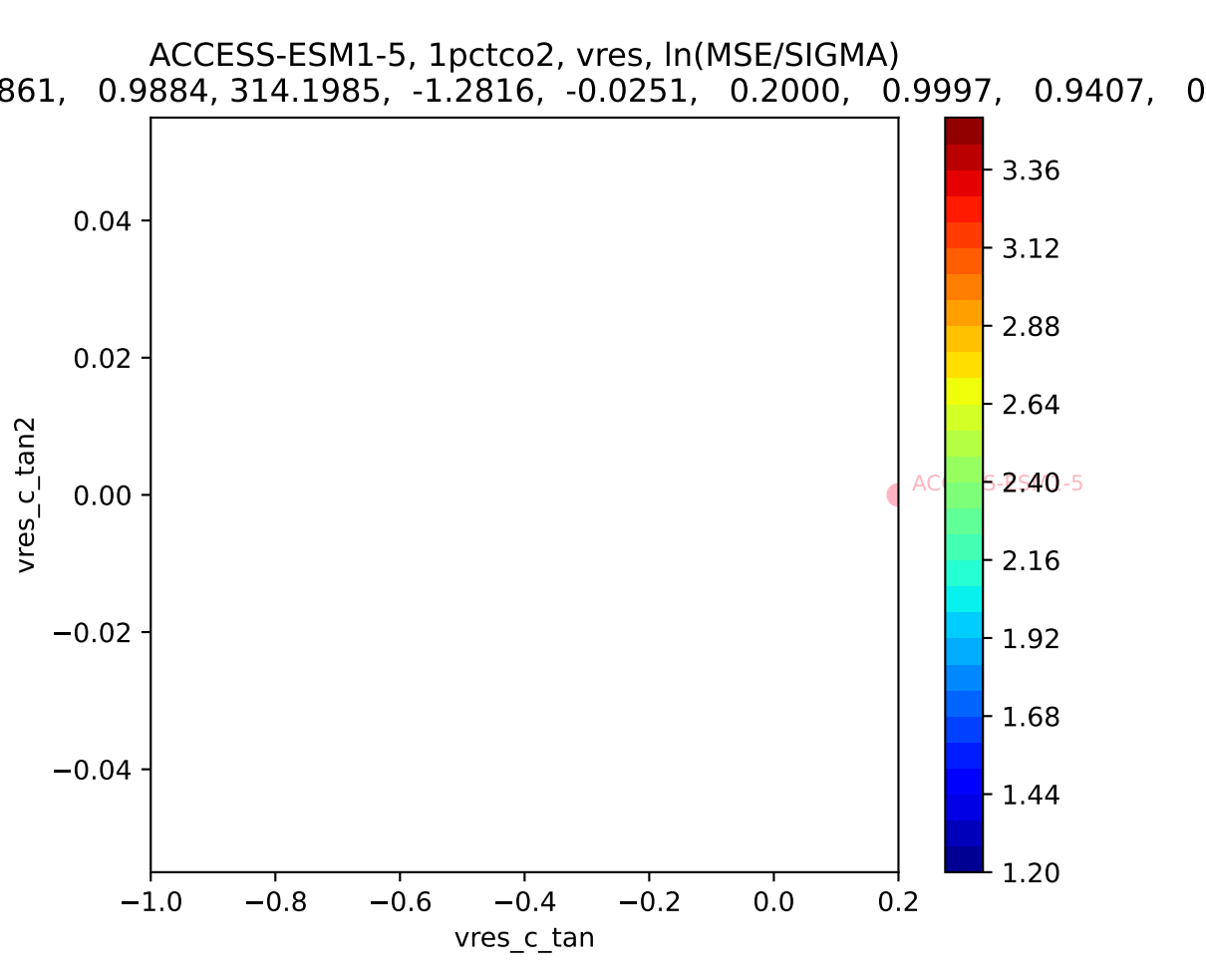

ACCESS-ESM1-5, 1pctco2, vres
ESM
Fit
vres
c_atm

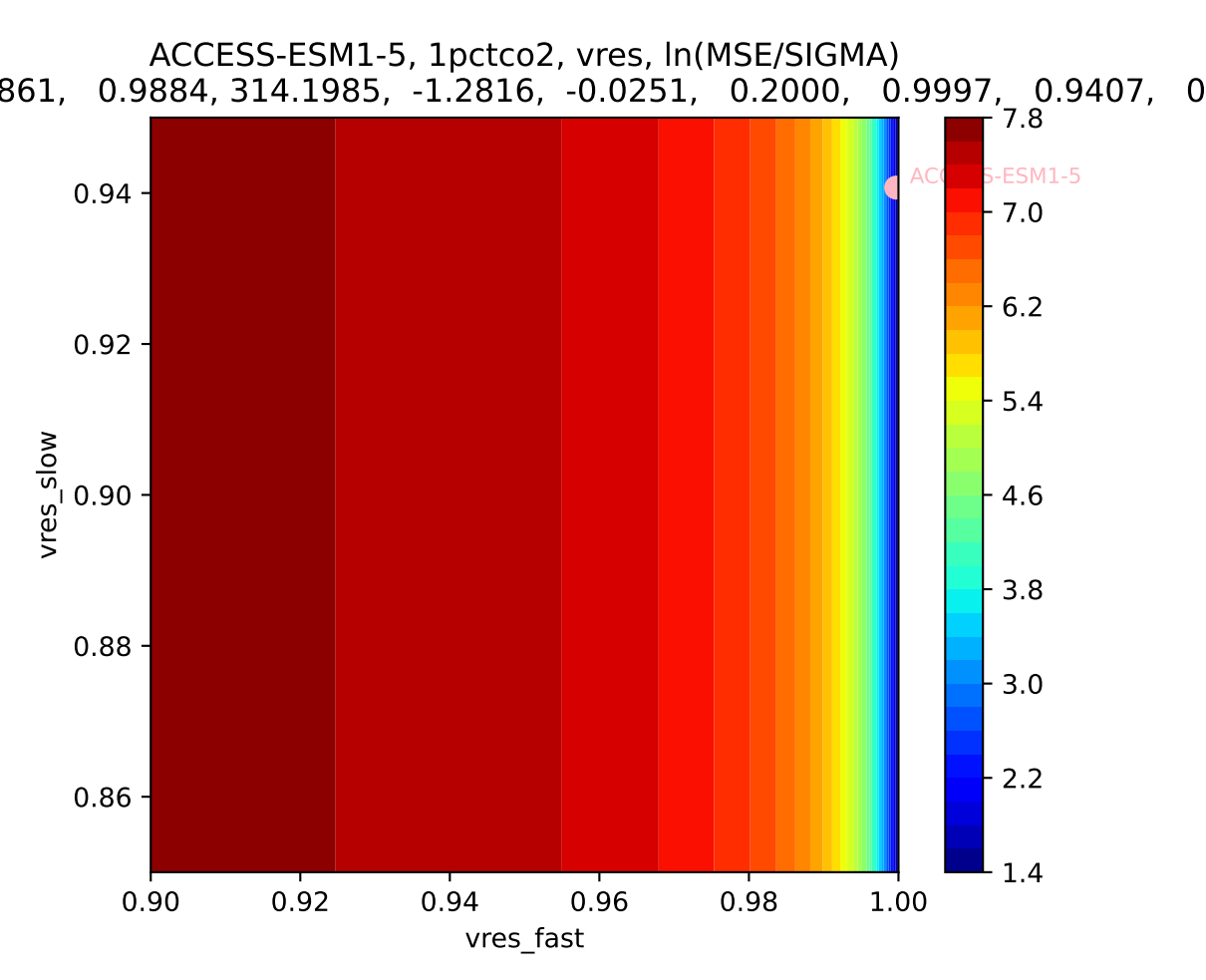

ACCESS-ESM1-5, 1pctco2, vres
ESM-Fit
vres, ESM - FIT
c_atm

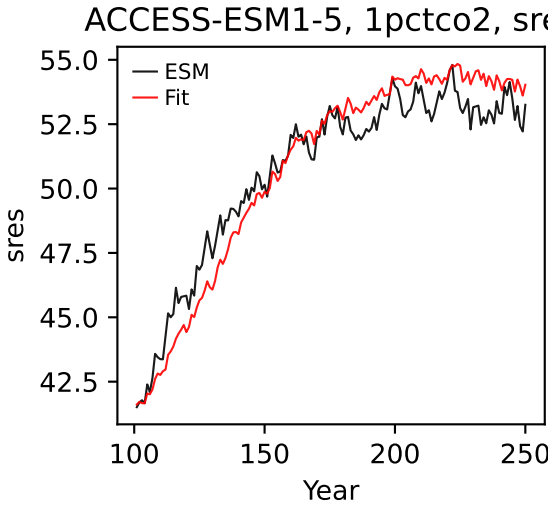

ACCESS-ESM1-5, 1pctco2, vres, ln(MSE/SIGMA)
861, 0.9884, 314.1985, -1.2816, -0.0251, 0.2000, 0.9997, 0.9407, 0
ACCESS-ESM1-5
vres_t_e
vres_t_l
10.8
9.6
8.4
7.2
6.0
4.8
3.6
2.4

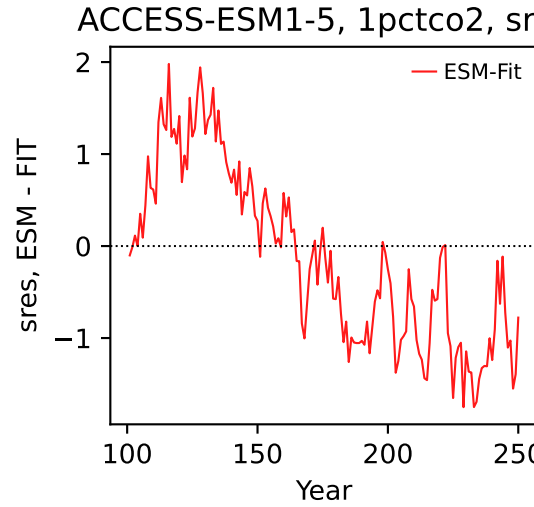

ACCESS-ESM1-5, 1pctco2, vres, ln(MSE/SIGMA)
861, 0.9884, 314.1985, -1.2816, -0.0251, 0.2000, 0.9997, 0.9407, 0
vres_c_half
vres_c_l
ACCESS-ESM1-5
0
250
500
750
1000
1250
1500
1750
2000
0.0
0.5
1.0
1.5
2.0
2.5
3.0
8.7
7.8
6.9
6.0
5.1
4.2
3.3
2.4
1.5
0.6

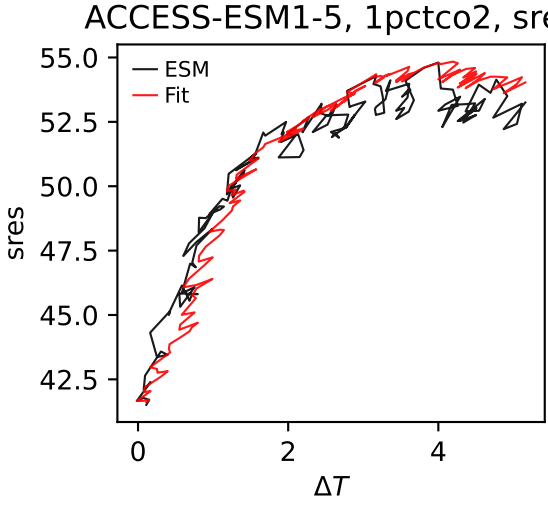

ACCESS-ESM1-5, 1pctco2, vres, ln(MSE/SIGMA)
861, 0.9884, 314.1985, -1.2816, -0.0251, 0.2000, 0.9997, 0.9407, 0
ACCESS-ESM1-5
vres_hyst
vres_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
10.2
9.0
7.8
6.6
5.4
4.2
3.0
1.8

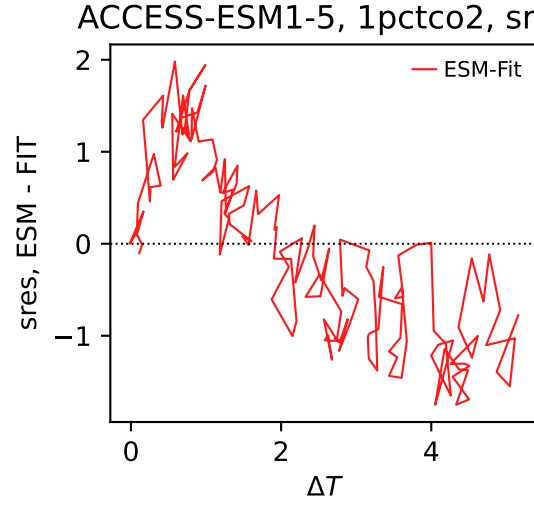

ACCESS-ESM1-5, 1pctco2, vres, ln(MSE/SIGMA)
861, 0.9884, 314.1985, -1.2816, -0.0251, 0.2000, 0.9997, 0.9407, 0
0.04
0.02
0.00
−0.02
−0.04
vres_c_tan2
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
vres_c_tan
3.36
3.12
2.88
2.64
2.40
2.16
1.92
1.68
1.44
1.20

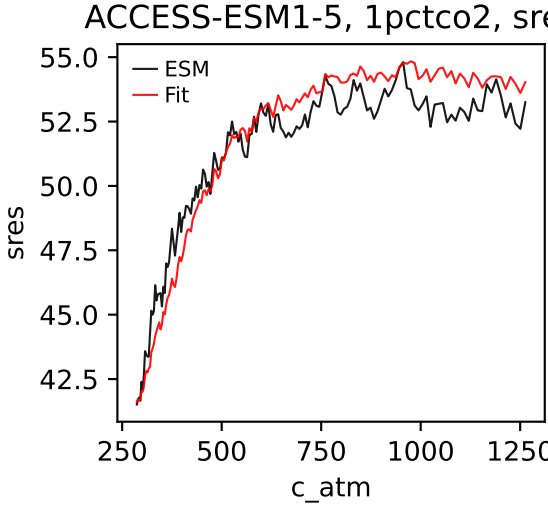

ACCESS-ESM1-5, 1pctco2, vres, ln(MSE/SIGMA)
861, 0.9884, 314.1985, -1.2816, -0.0251, 0.2000, 0.9997, 0.9407, 0
vres_slow
0.94
0.92
0.90
0.88
0.86
0.90
0.92
0.94
0.96
0.98
1.00
vres_fast
7.8
7.0
6.2
5.4
4.6
3.8
3.0
2.2
1.4

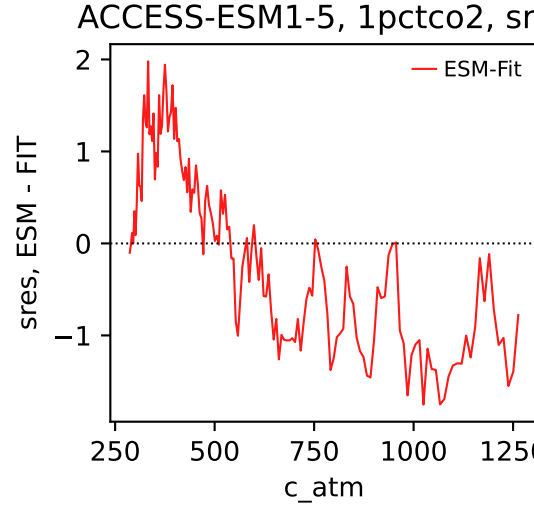

ACCESS-ESM1-5, 1pctco2, sres
ESM
Fit
sres
Year

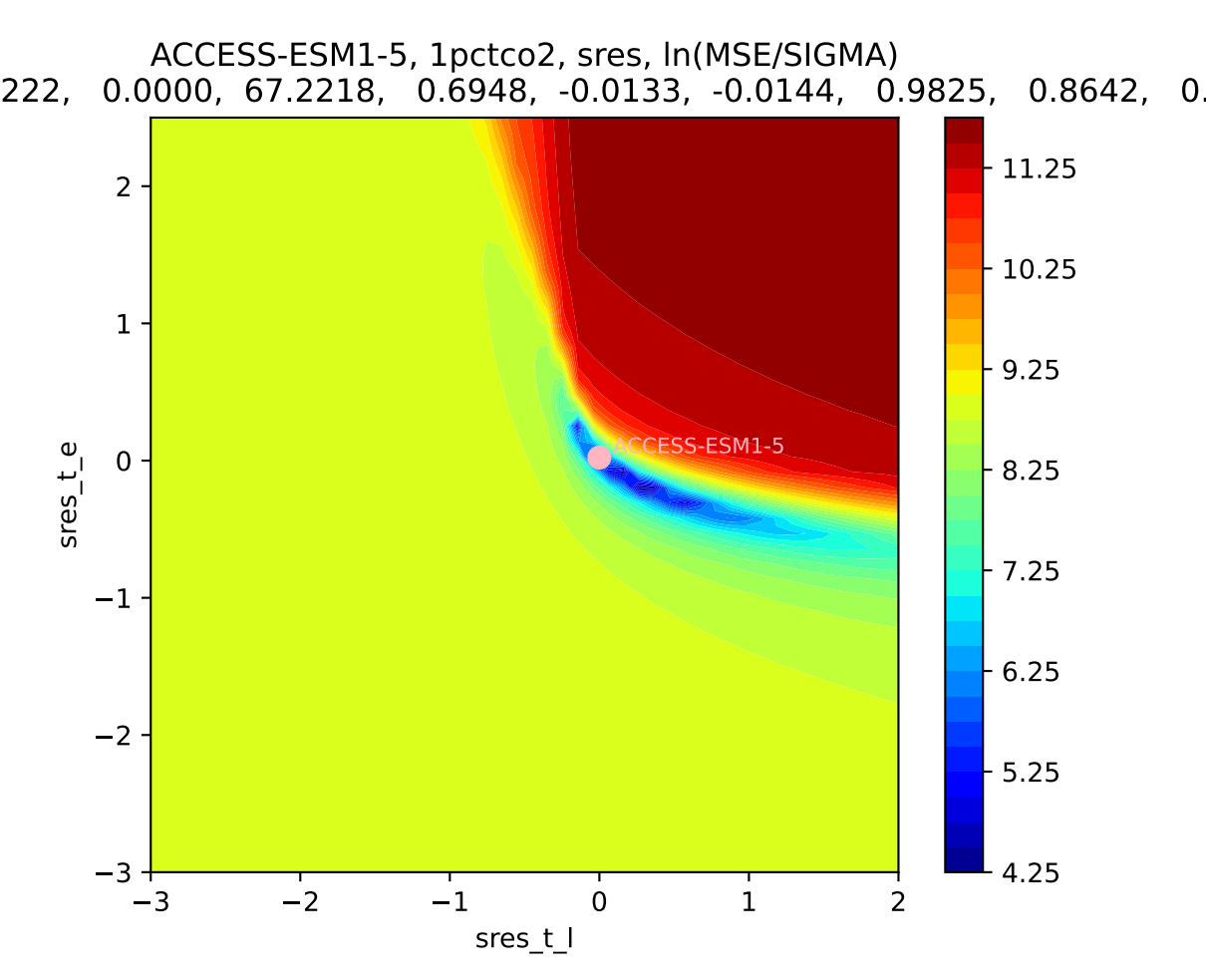

ACCESS-ESM1-5, 1pctco2, sres
ESM-Fit
sres, ESM - FIT
Year

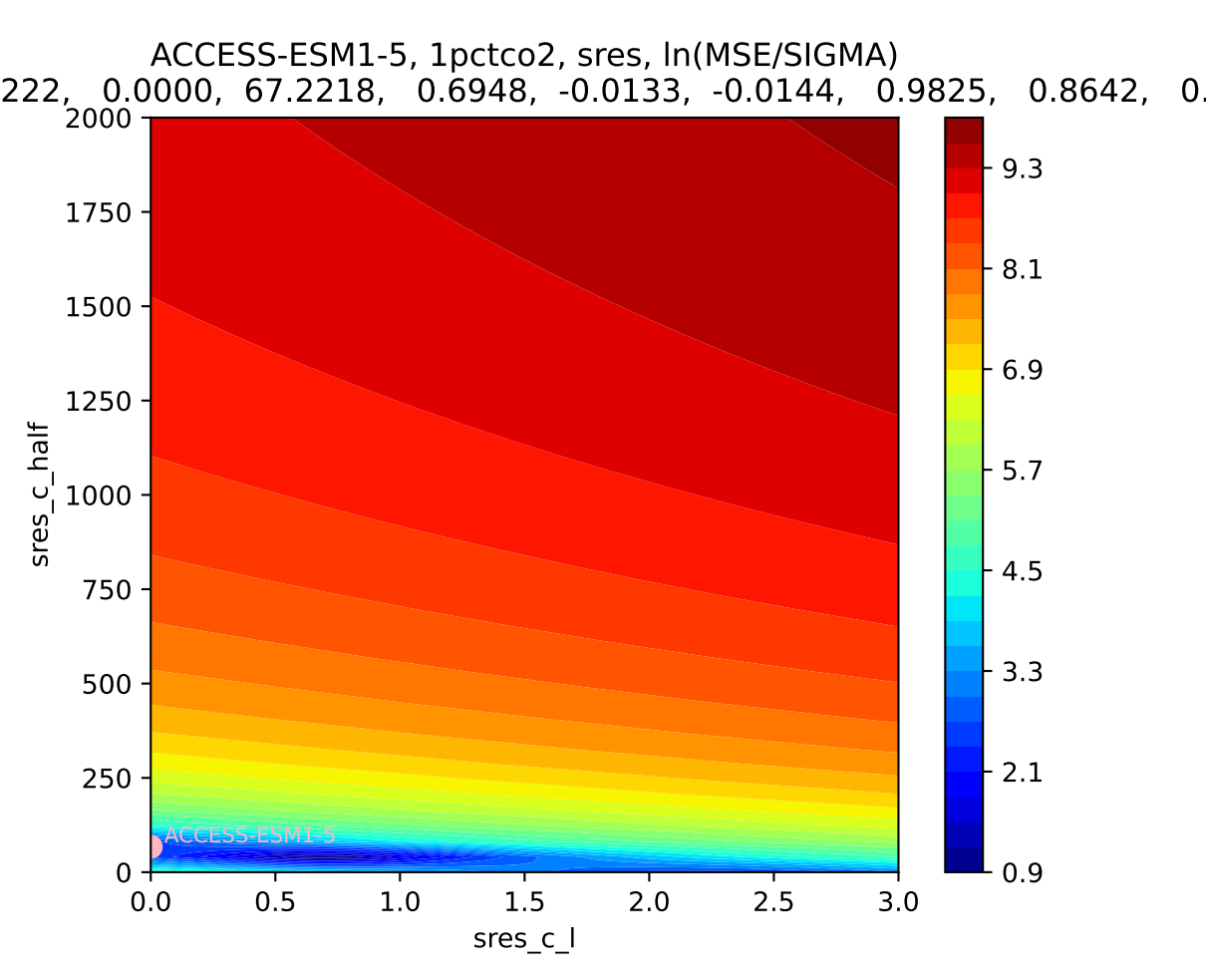

ACCESS-ESM1-5, 1pctco2, sres
ESM
Fit
sres
ΔT

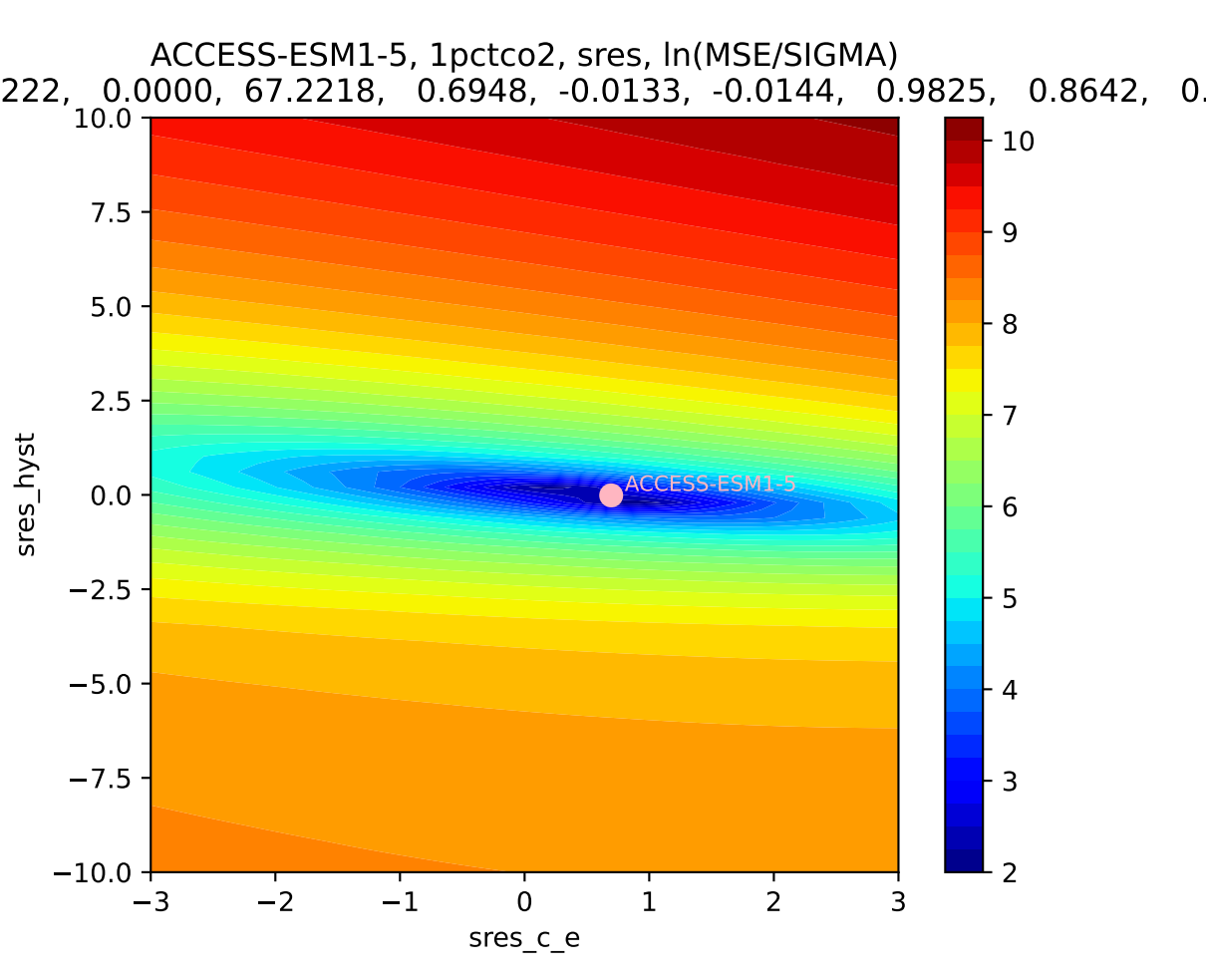

ACCESS-ESM1-5, 1pctco2, sres
ESM-Fit
sres, ESM - FIT
ΔT

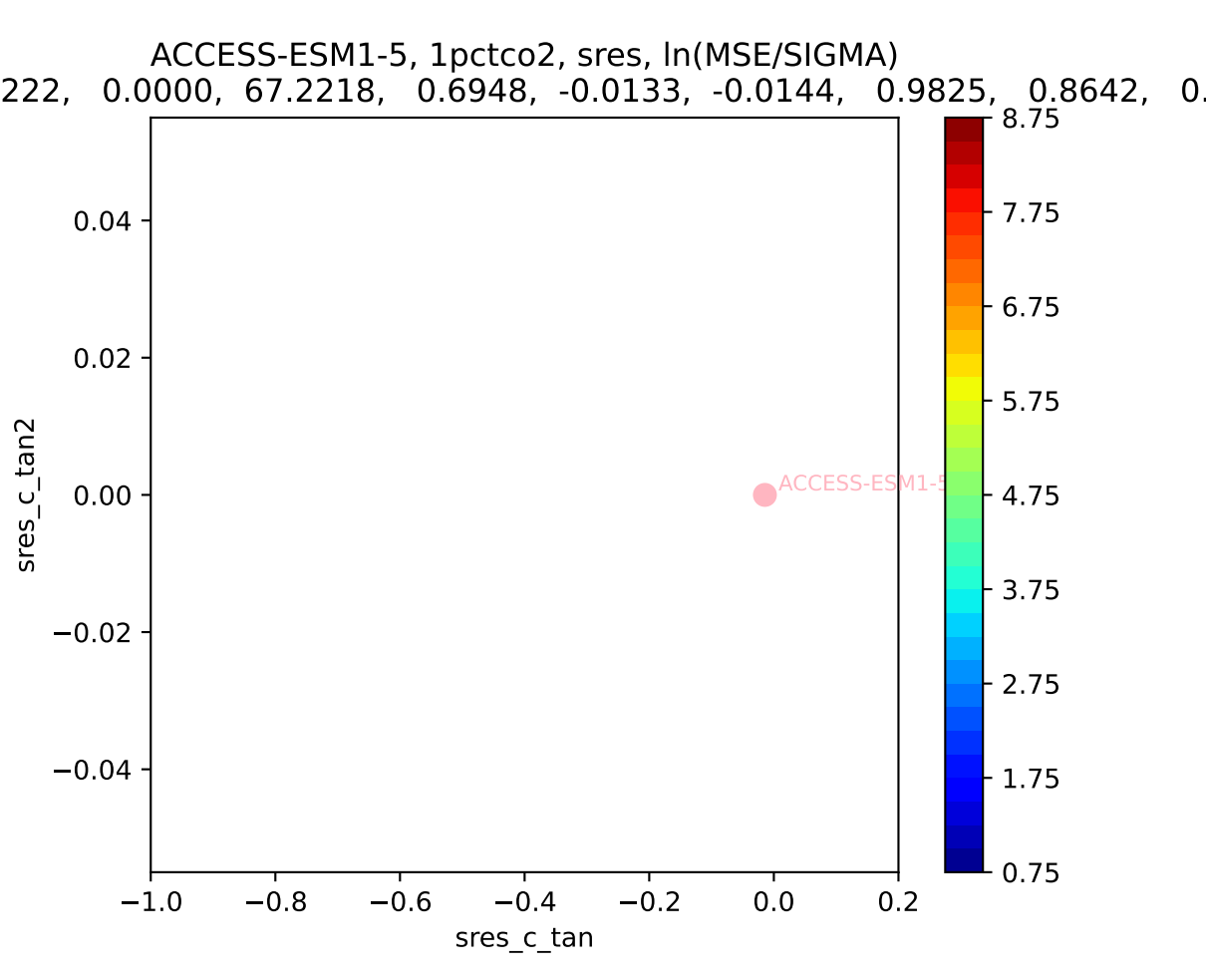

ACCESS-ESM1-5, 1pctco2, sres
ESM
Fit
sres
c_atm

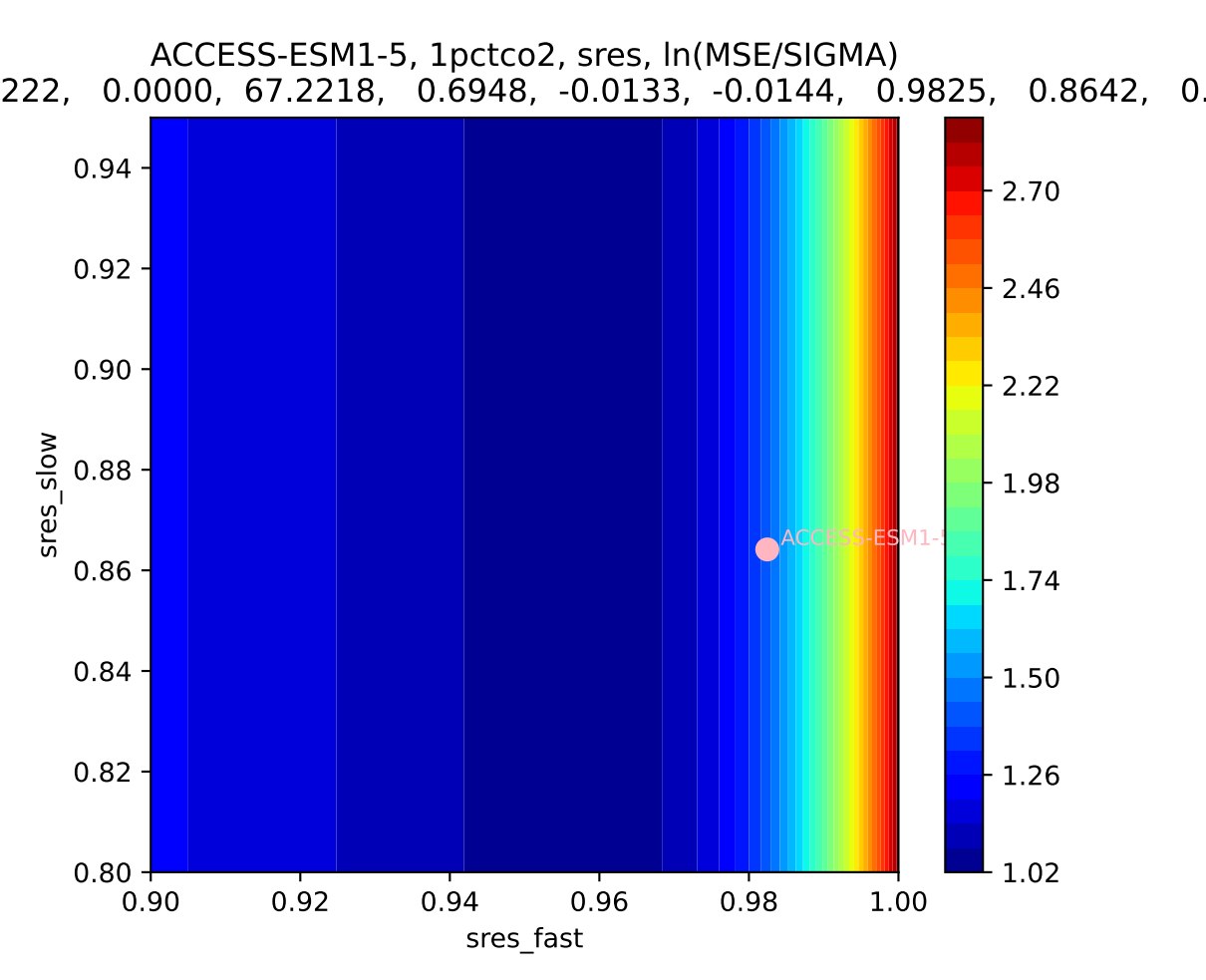

ACCESS-ESM1-5, 1pctco2, sres
ESM-Fit
sres, ESM - FIT
c_atm

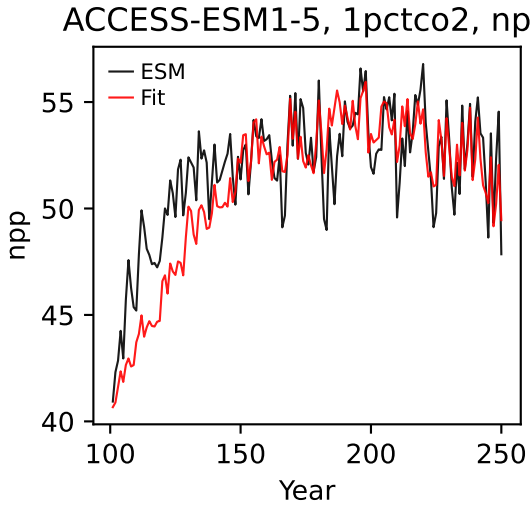

ACCESS-ESM1-5, 1pctco2, sres, ln(MSE/SIGMA)
222, 0.0000, 67.2218, 0.6948, -0.0133, -0.0144, 0.9825, 0.8642, 0.
ACCESS-ESM1-5
sres_t_e
sres_t_l
−3
−2
−1
0
1
2
11.25
10.25
9.25
8.25
7.25
6.25
5.25
4.25

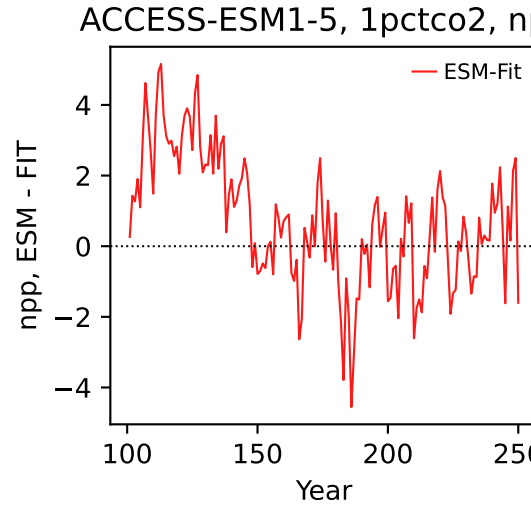

ACCESS-ESM1-5, 1pctco2, sres, ln(MSE/SIGMA)
222, 0.0000, 67.2218, 0.6948, -0.0133, -0.0144, 0.9825, 0.8642, 0.
sres_c_half
sres_c_l
ACCESS-ESM1-5
2000
1750
1500
1250
1000
750
500
250
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
9.3
8.1
6.9
5.7
4.5
3.3
2.1
0.9

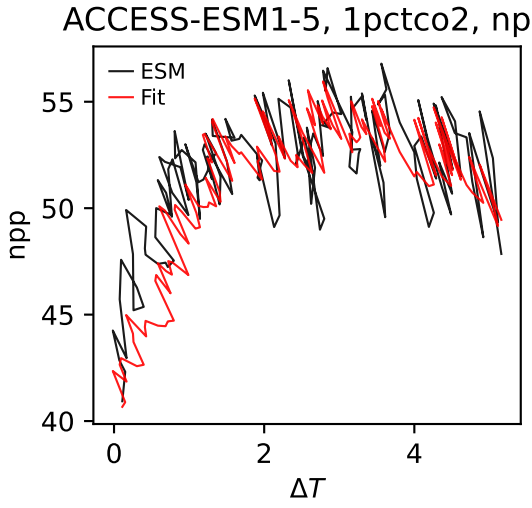

ACCESS-ESM1-5, 1pctco2, sres, ln(MSE/SIGMA)
222, 0.0000, 67.2218, 0.6948, -0.0133, -0.0144, 0.9825, 0.8642, 0.
ACCESS-ESM1-5
sres_hyst
sres_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
10
9
8
7
6
5
4
3
2

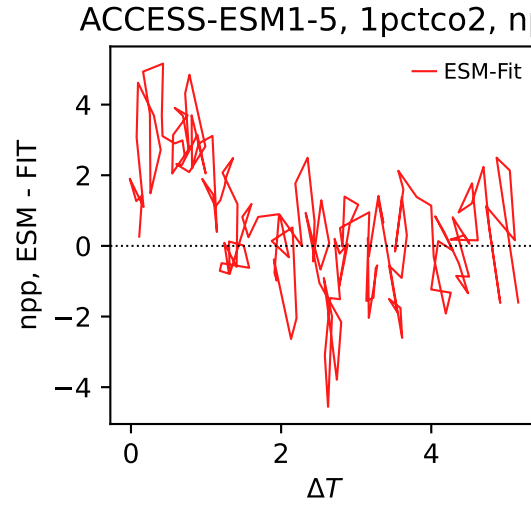

ACCESS-ESM1-5, 1pctco2, sres, ln(MSE/SIGMA)
222, 0.0000, 67.2218, 0.6948, -0.0133, -0.0144, 0.9825, 0.8642, 0.
ACCESS-ESM1-5
sres_c_tan2
sres_c_tan
0.04
0.02
0.00
−0.02
−0.04
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
8.75
7.75
6.75
5.75
4.75
3.75
2.75
1.75
0.75

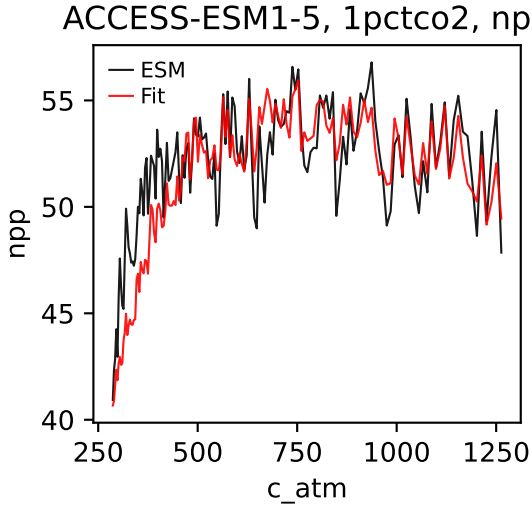

ACCESS-ESM1-5, 1pctco2, sres, ln(MSE/SIGMA)
222, 0.0000, 67.2218, 0.6948, -0.0133, -0.0144, 0.9825, 0.8642, 0.
sres_slow
sres_fast
0.94
0.92
0.90
0.88
0.86
0.84
0.82
0.80
0.90
0.92
0.94
0.96
0.98
1.00
2.70
2.46
2.22
1.98
1.74
1.50
1.26
1.02

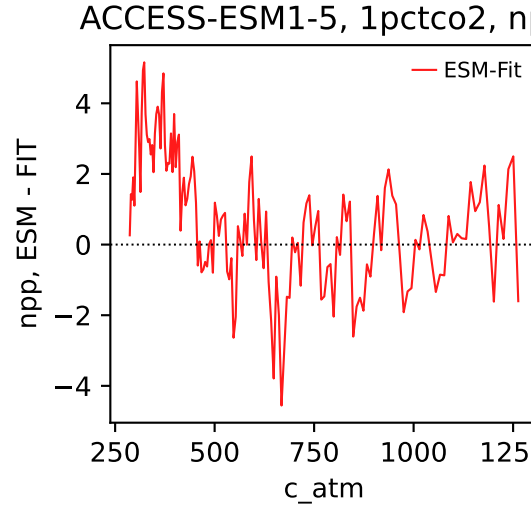

ACCESS-ESM1-5, 1pctco2, npp
ESM
Fit
npp
Year

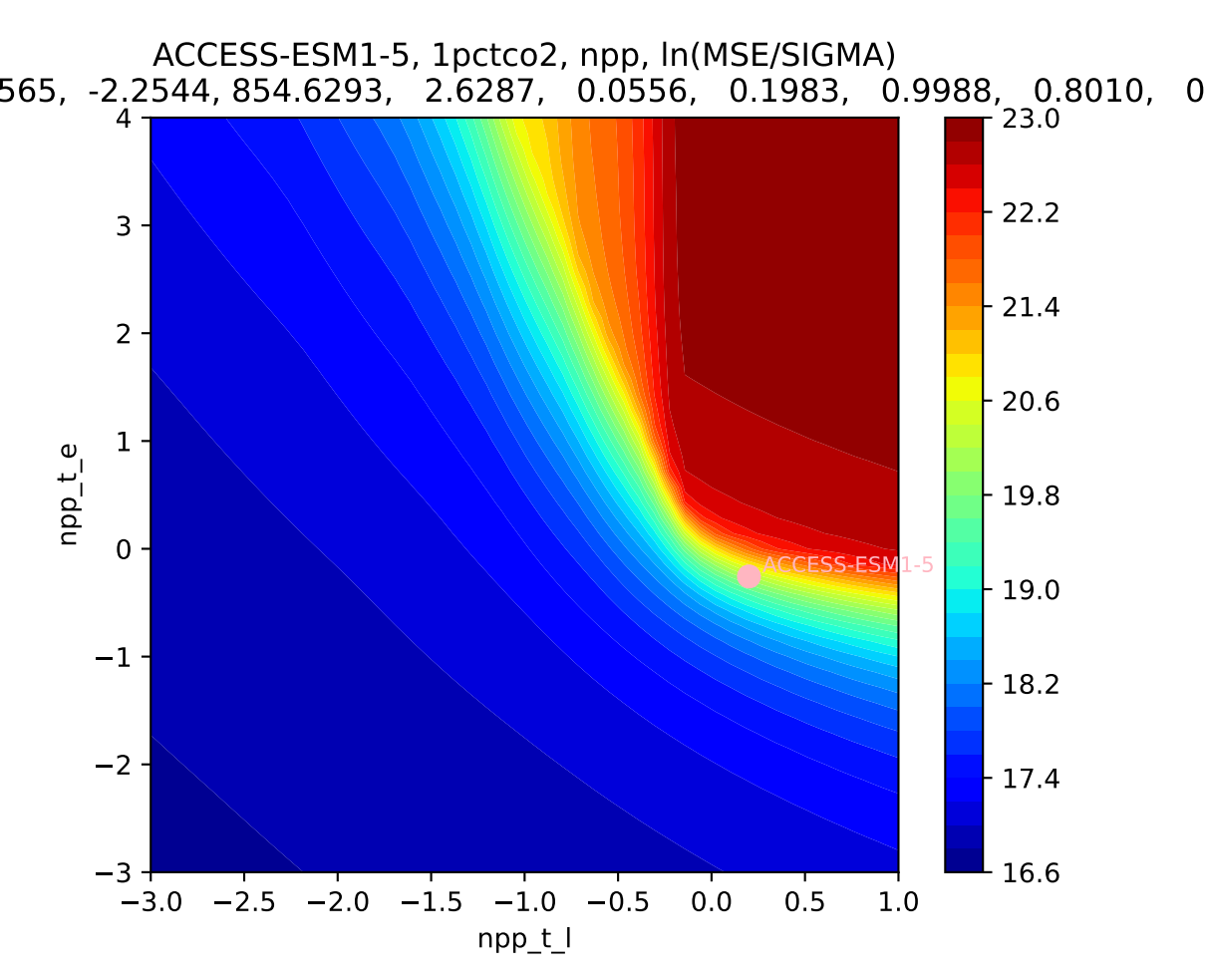

ACCESS-ESM1-5, 1pctco2, npp
ESM-Fit
npp, ESM - FIT
Year

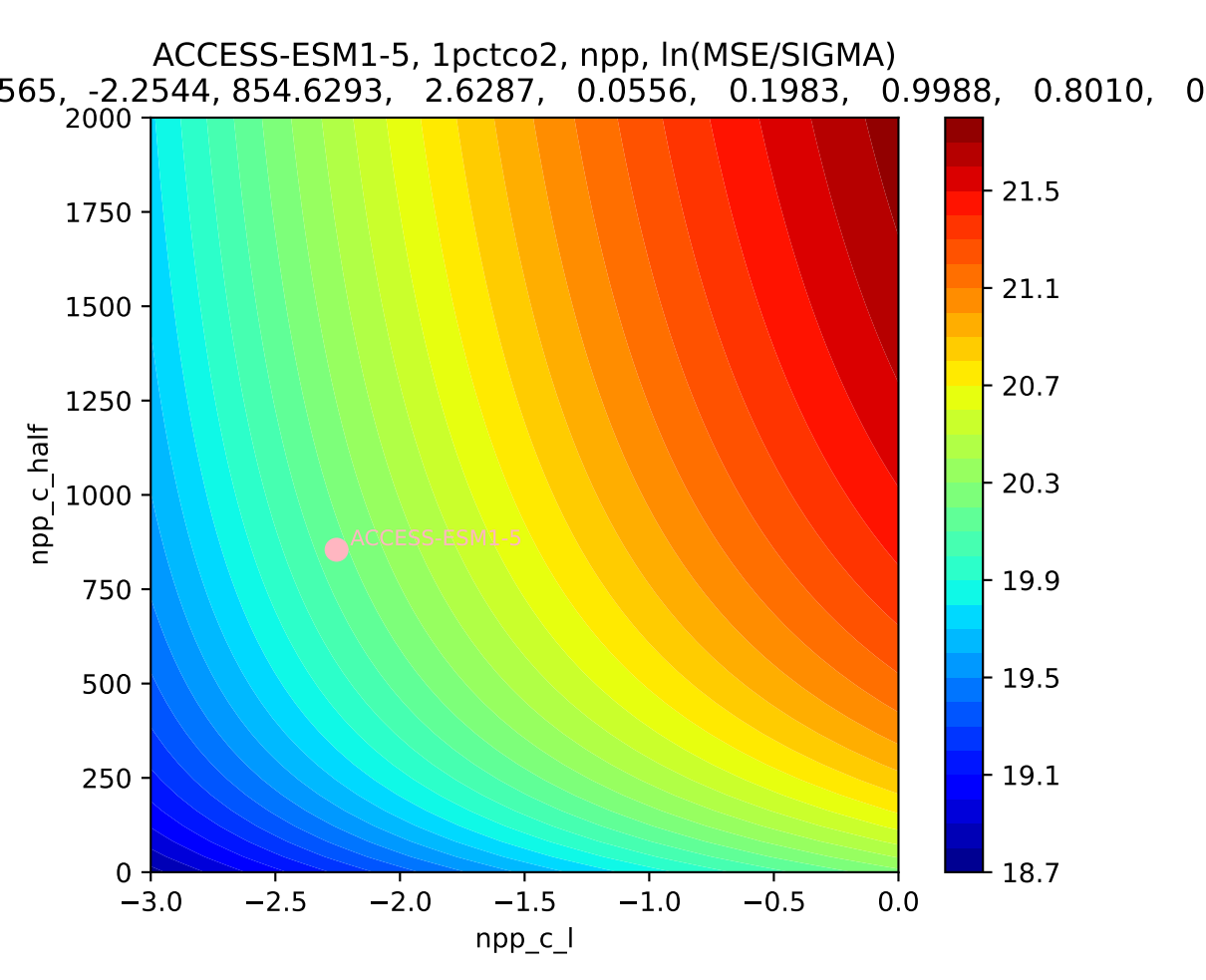

ACCESS-ESM1-5, 1pctco2, npp
ESM
Fit
npp
ΔT

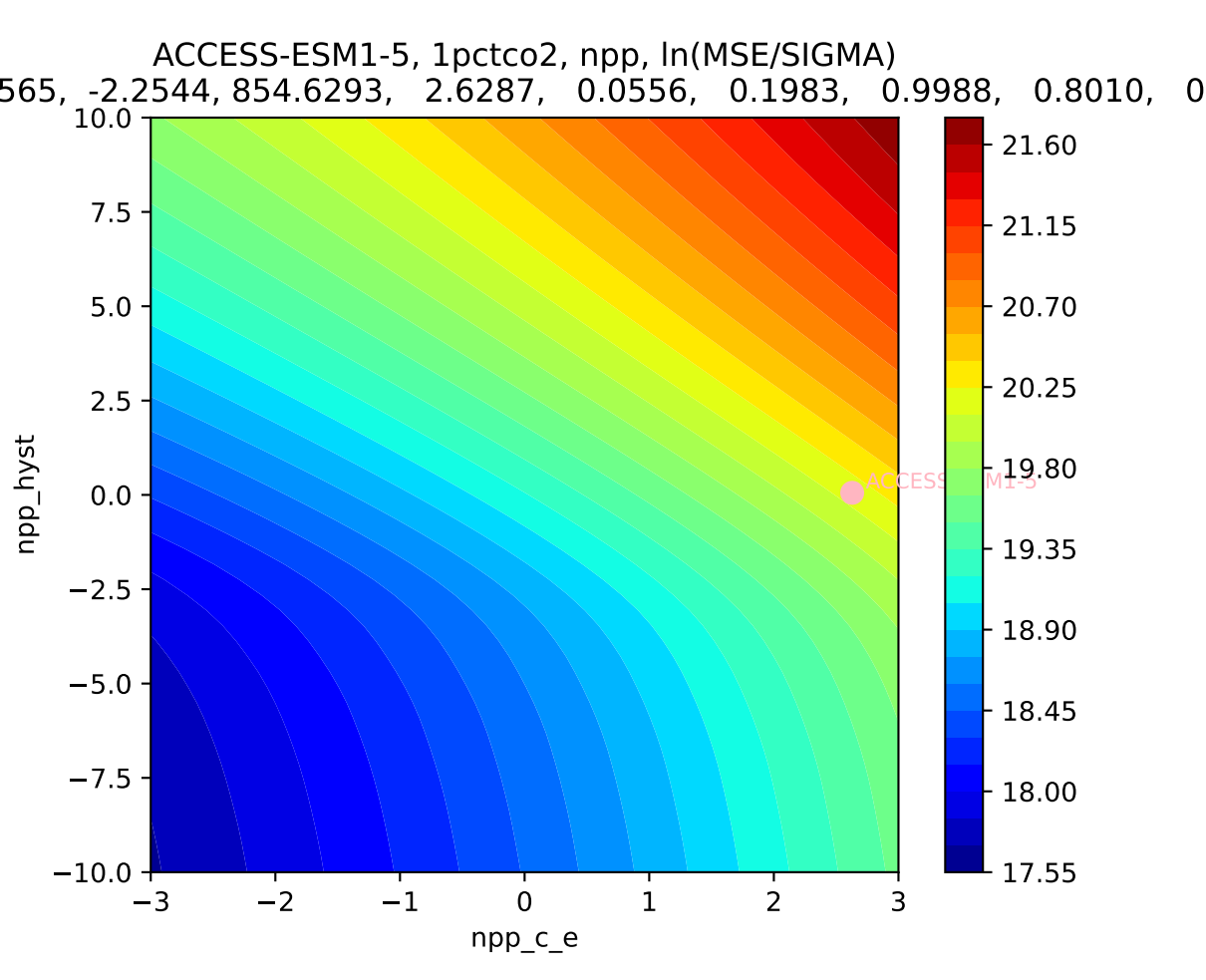

ACCESS-ESM1-5, 1pctco2, npp
ESM-Fit
npp, ESM - FIT
ΔT

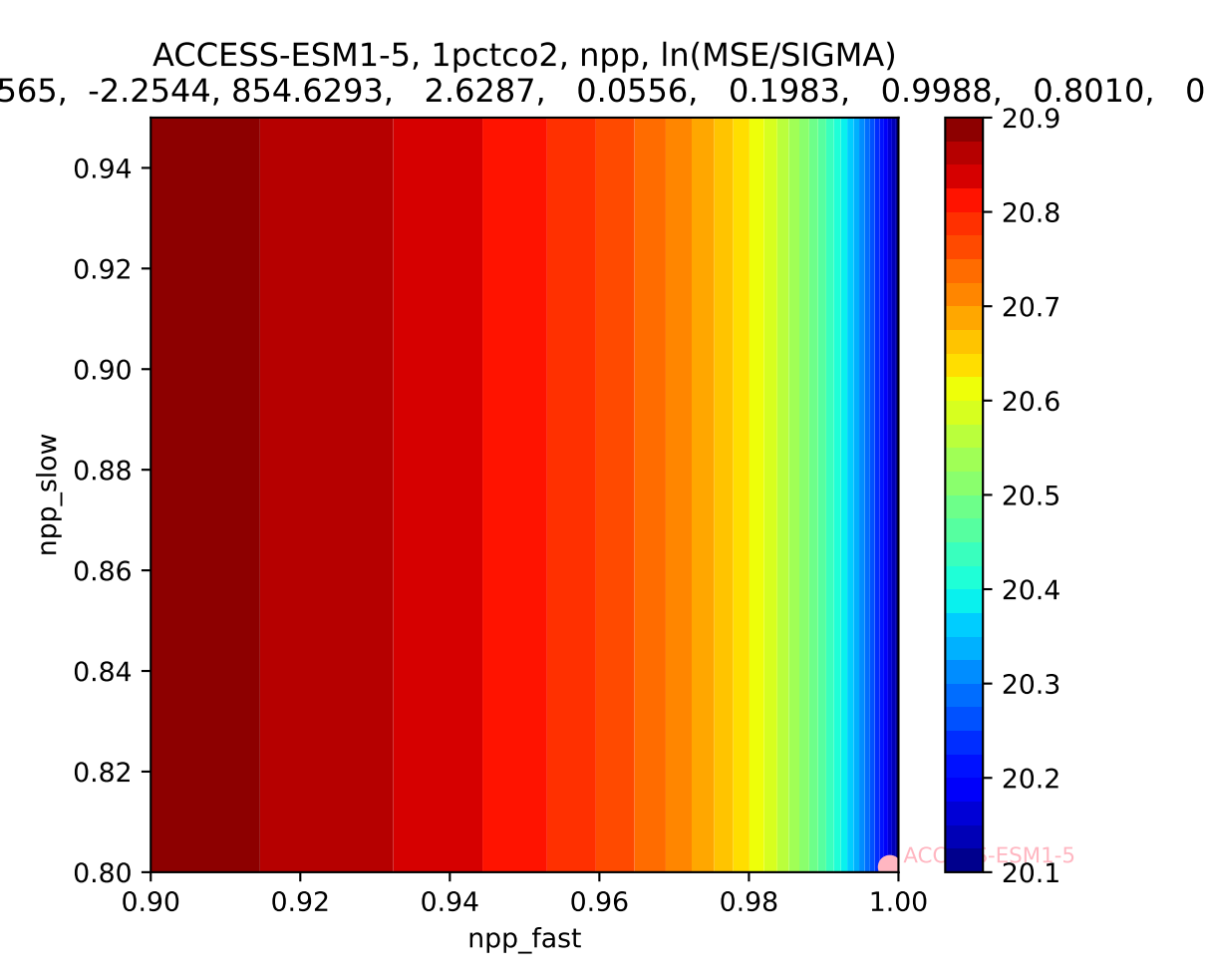

ACCESS-ESM1-5, 1pctco2, npp
ESM
Fit
npp
c_atm

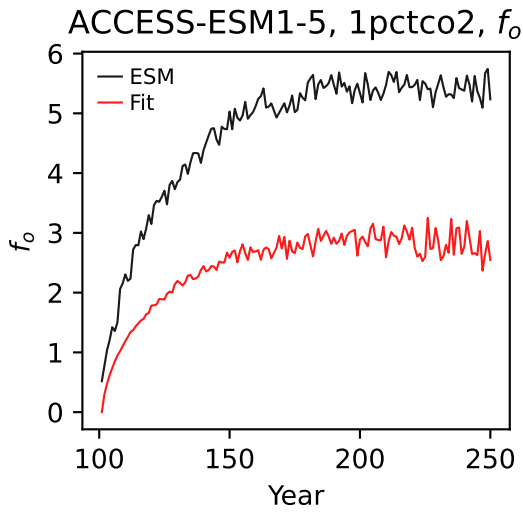

ACCESS-ESM1-5, 1pctco2, npp
ESM-Fit
npp, ESM - FIT
c_atm

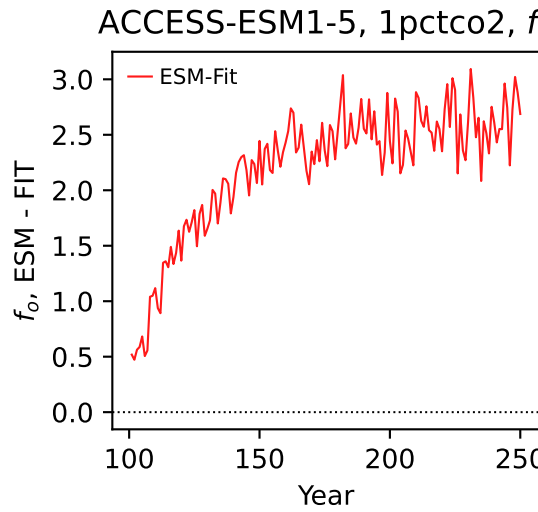

ACCESS-ESM1-5, 1pctco2, npp, ln(MSE/SIGMA)
565, -2.2544, 854.6293, 2.6287, 0.0556, 0.1983, 0.9988, 0.8010, 0
ACCESS-ESM1-5
npp_t_e
npp_t_l
4
3
2
1
0
−1
−2
−3
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
23.0
22.2
21.4
20.6
19.8
19.0
18.2
17.4
16.6

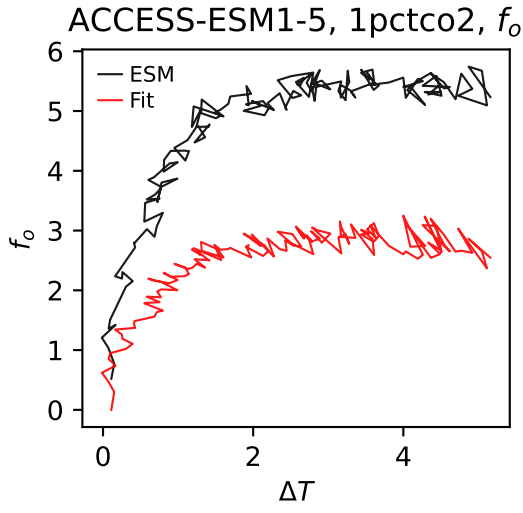

ACCESS-ESM1-5, 1pctco2, npp, ln(MSE/SIGMA)
565, -2.2544, 854.6293, 2.6287, 0.0556, 0.1983, 0.9988, 0.8010, 0
ACCESS-ESM1-5
npp_c_half
npp_c_l
2000
1750
1500
1250
1000
750
500
250
0
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
21.5
21.1
20.7
20.3
19.9
19.5
19.1
18.7

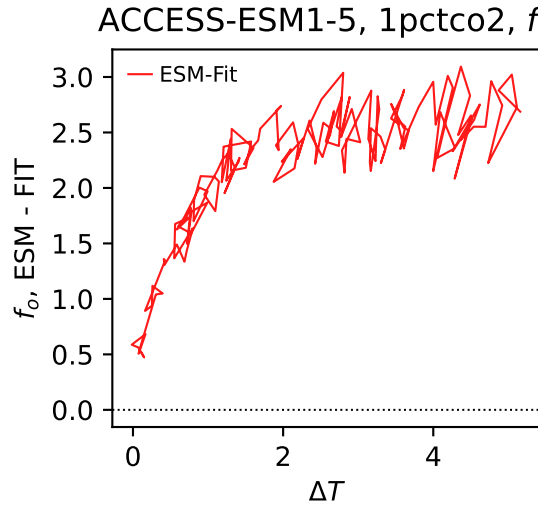

ACCESS-ESM1-5, 1pctco2, npp, ln(MSE/SIGMA)
565, -2.2544, 854.6293, 2.6287, 0.0556, 0.1983, 0.9988, 0.8010, 0
npp_hyst
npp_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−3
−2
−1
0
1
2
3
21.60
21.15
20.70
20.25
19.80
19.35
18.90
18.45
18.00
17.55

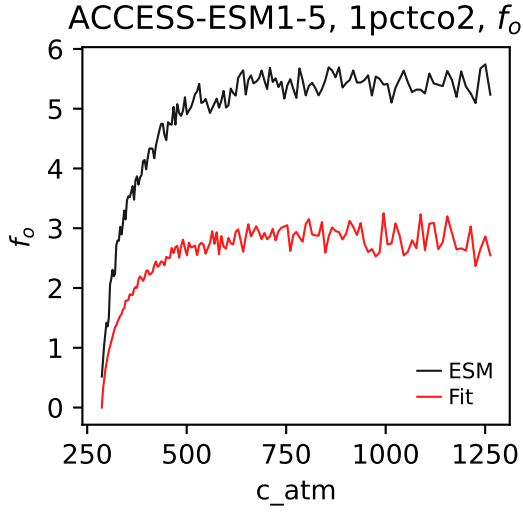

ACCESS-ESM1-5, 1pctco2, npp, ln(MSE/SIGMA)
565, -2.2544, 854.6293, 2.6287, 0.0556, 0.1983, 0.9988, 0.8010, 0
npp_slow
0.94
0.92
0.90
0.88
0.86
0.84
0.82
0.80
0.90
0.92
0.94
0.96
0.98
1.00
npp_fast
20.9
20.8
20.7
20.6
20.5
20.4
20.3
20.2
20.1

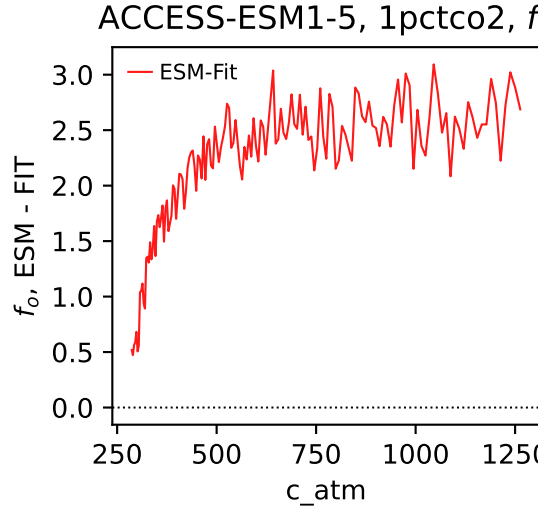

ACCESS-ESM1-5, 1pctco2, f_o
ESM
Fit
f_o
Year

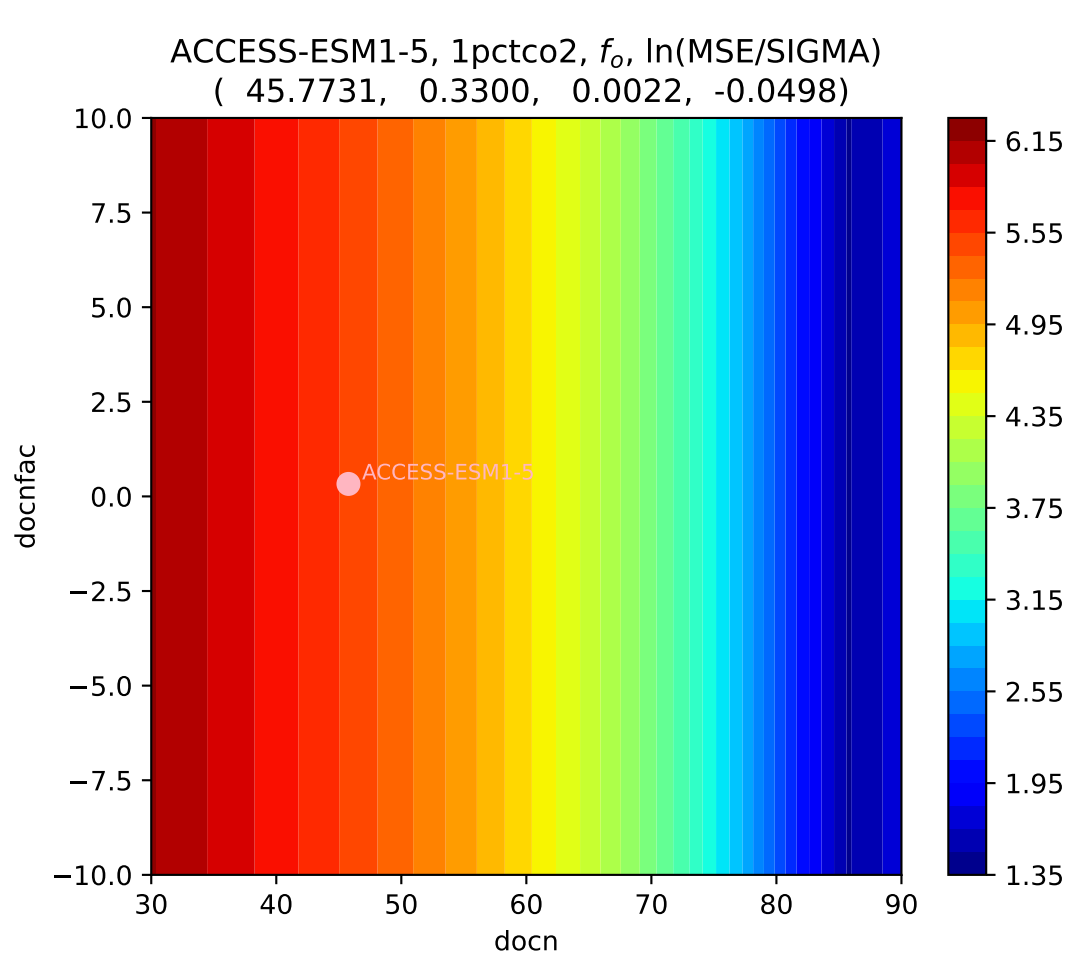

ACCESS-ESM1-5, 1pctco2, f_o
ESM-Fit
f_o, ESM - FIT
Year

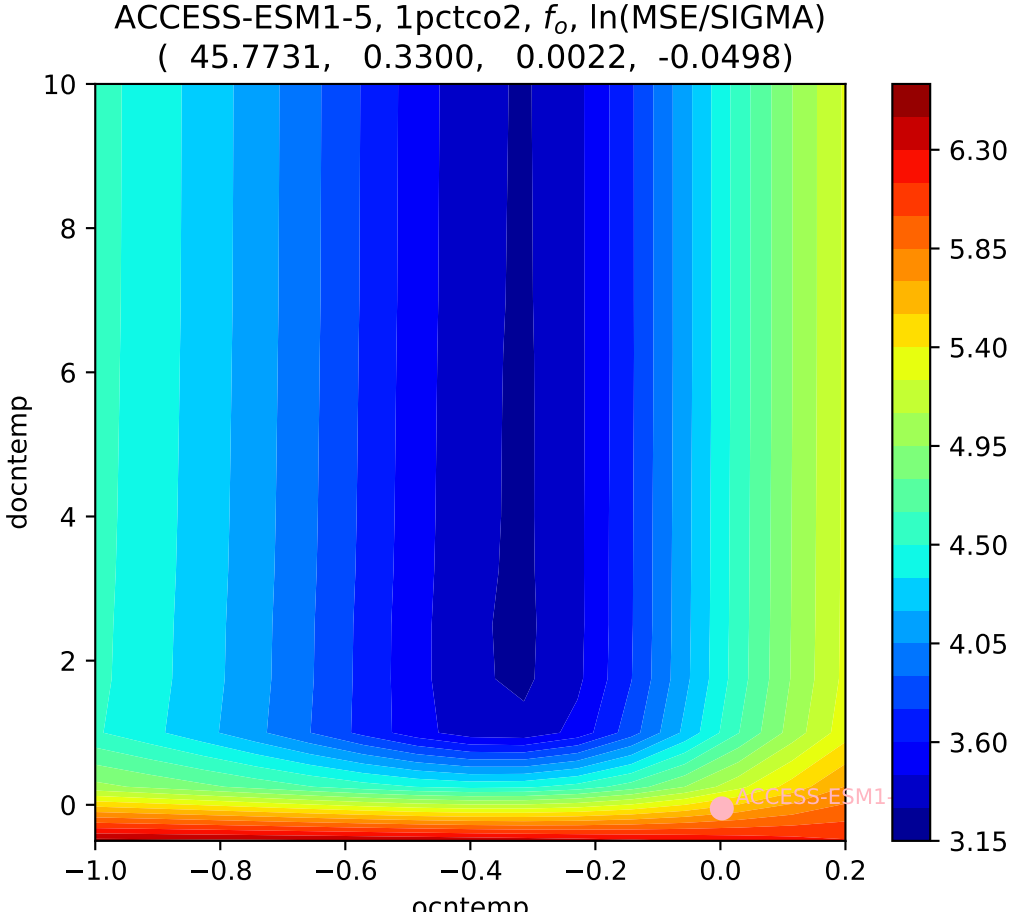

ACCESS-ESM1-5, 1pctco2, f_o
ESM
Fit
f_o
ΔT


ACCESS-ESM1-5, 1pctco2, f_o
ESM-Fit
f_o, ESM - FIT
ΔT


ACCESS-ESM1-5, 1pctco2, f_o
ESM
Fit
f_o
c_atm


ACCESS-ESM1-5, 1pctco2, f_o
ESM-Fit
f_o, ESM - FIT
c_atm


ACCESS-ESM1-5, 1pctco2, f_o, ln(MSE/SIGMA)
(45.7731, 0.3300, 0.0022, -0.0498)
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
6.15
5.55
4.95
4.35
3.75
3.15
2.55
1.95
1.35


ACCESS-ESM1-5, 1pctco2, f_o, ln(MSE/SIGMA)
(45.7731, 0.3300, 0.0022, -0.0498)
docntemp
ocntemp
10
8
6
4
2
0
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
6.30
5.85
5.40
4.95
4.50
4.05
3.60
3.15
ACCESS-ESM1-