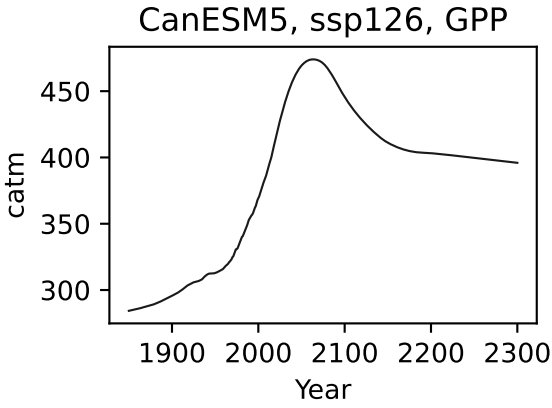
CanESM5, ssp126, GPP
catm
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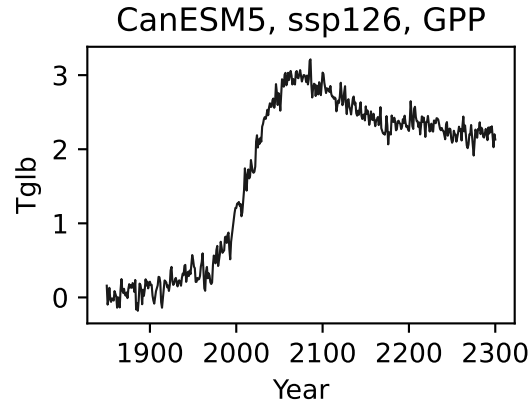
350
300
1900
2000
2100
2200
2300
Year


CanESM5, ssp126, GPP
Tglb
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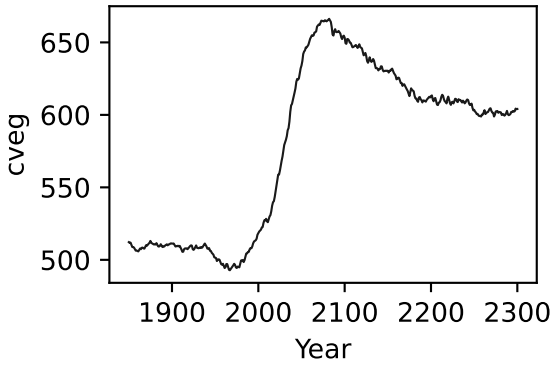
2200
2300
Year


cveg
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1900
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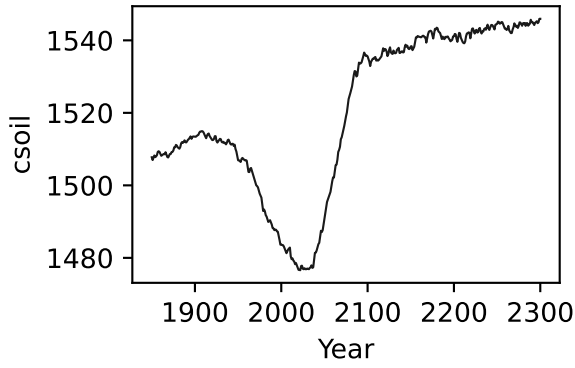
2200
2300
Year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1520
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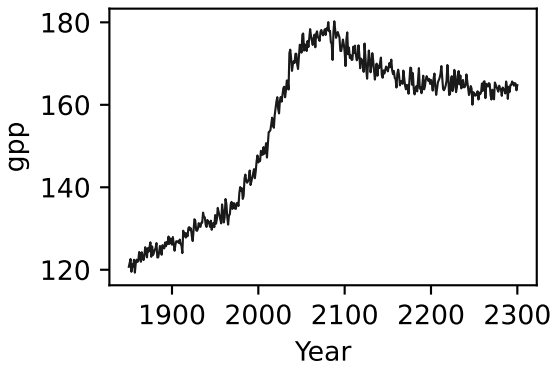
2200
2300
Year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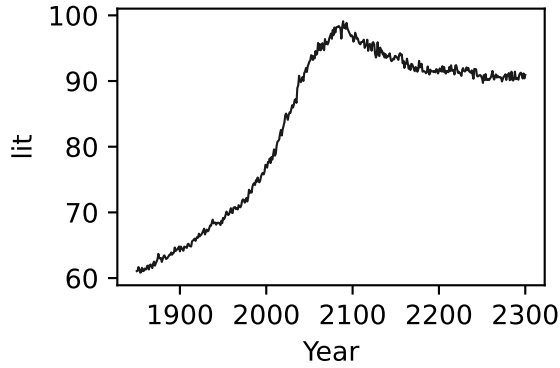
2200
2300
Year


lit
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90
80
70
60
1900
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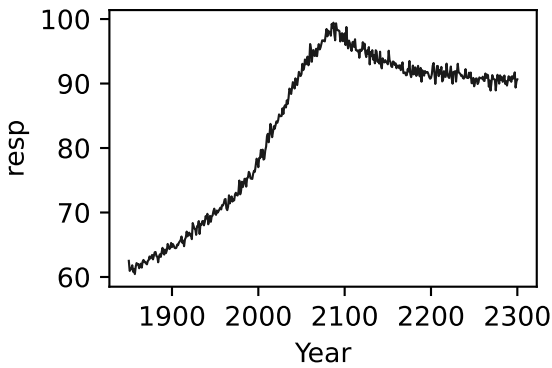
2100
2200
2300
Year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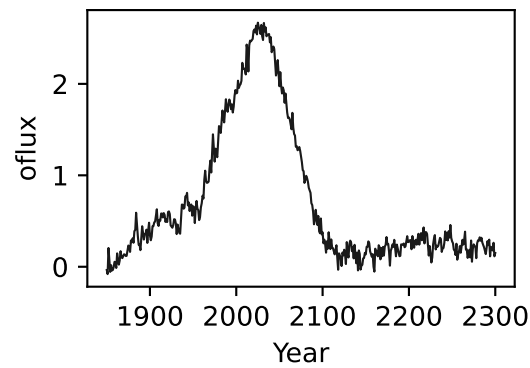
1900
2000
2100
2200
2300
Year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2100
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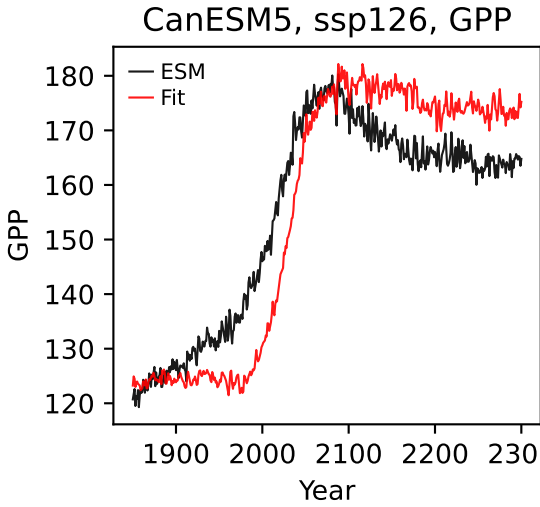
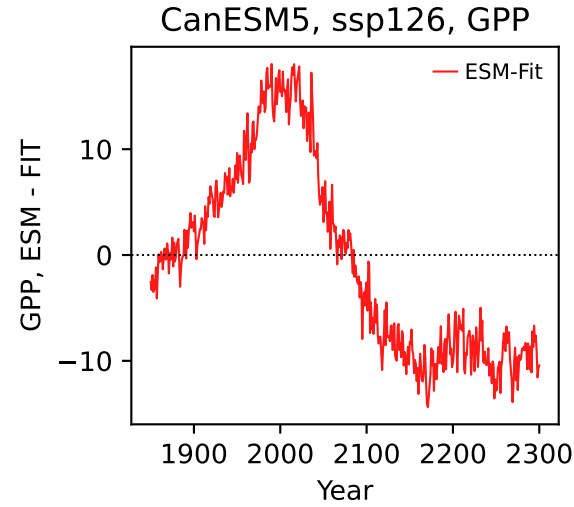
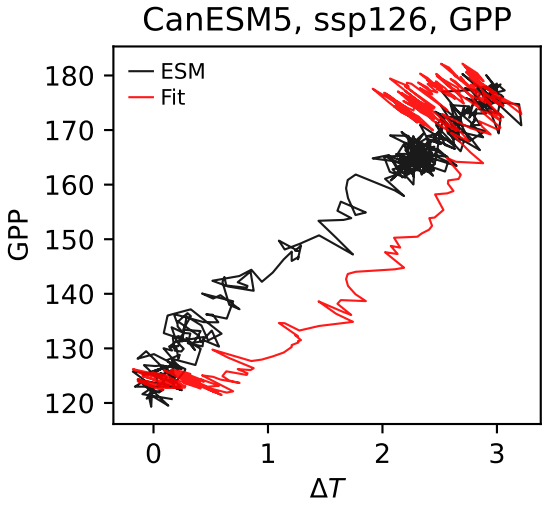
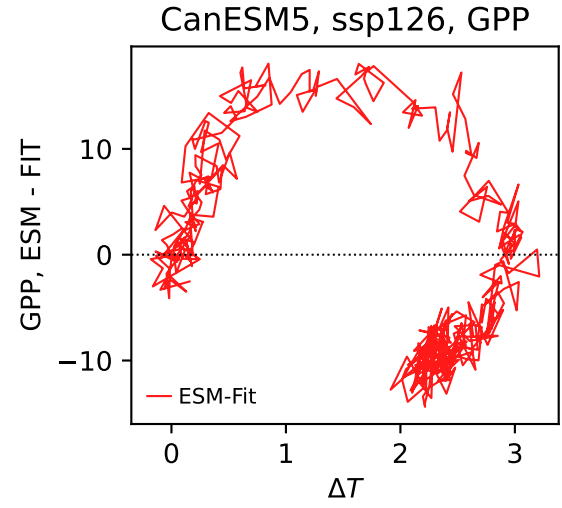
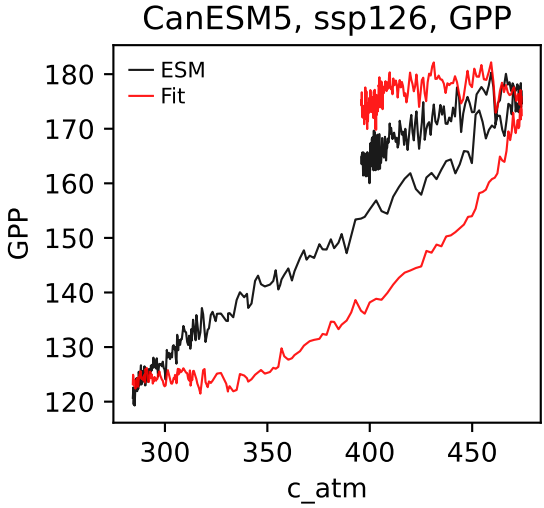
2300
Year

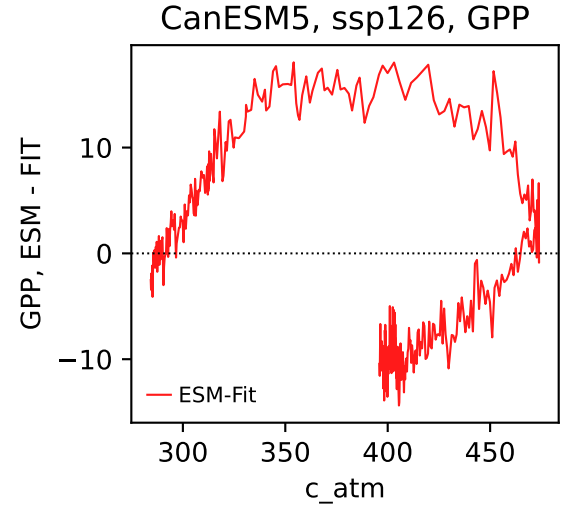

CanESM5, ssp126, GPP
ESM
Fit
GPP
Year

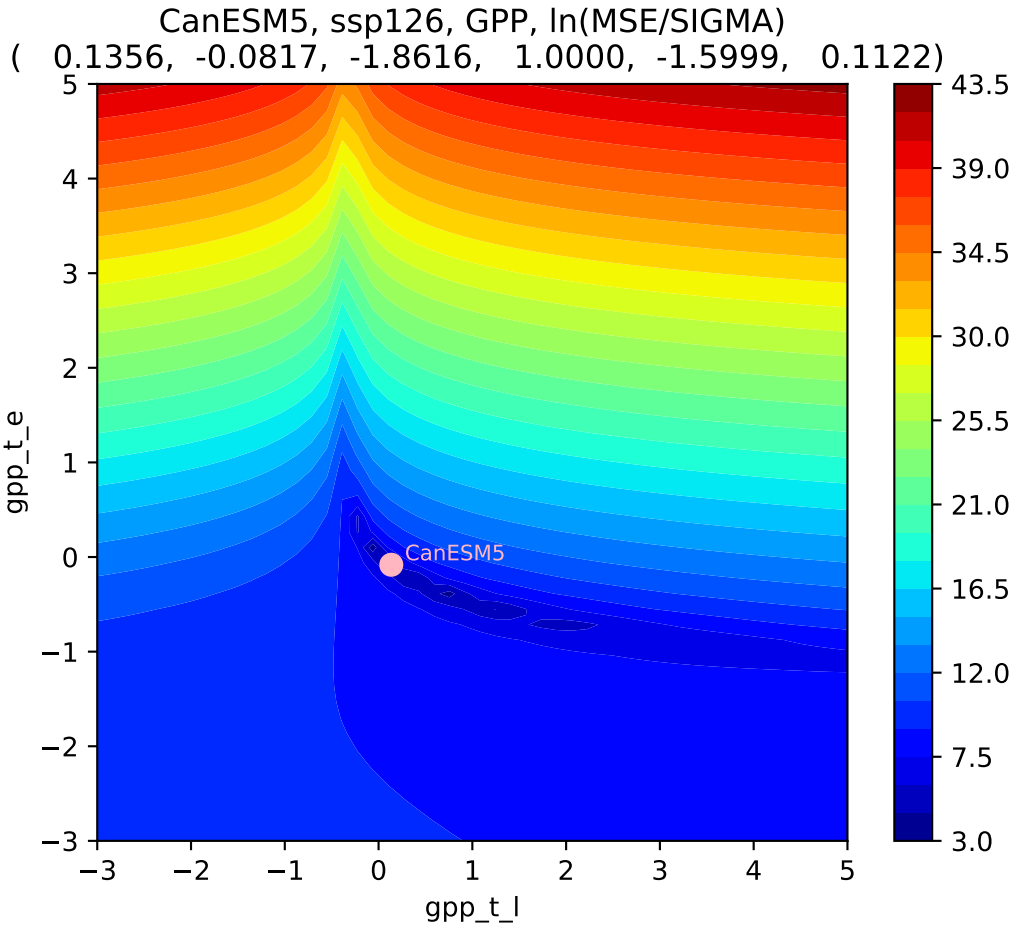

CanESM5, ssp126, GPP
ESM-Fit
GPP, ESM - FIT
Year

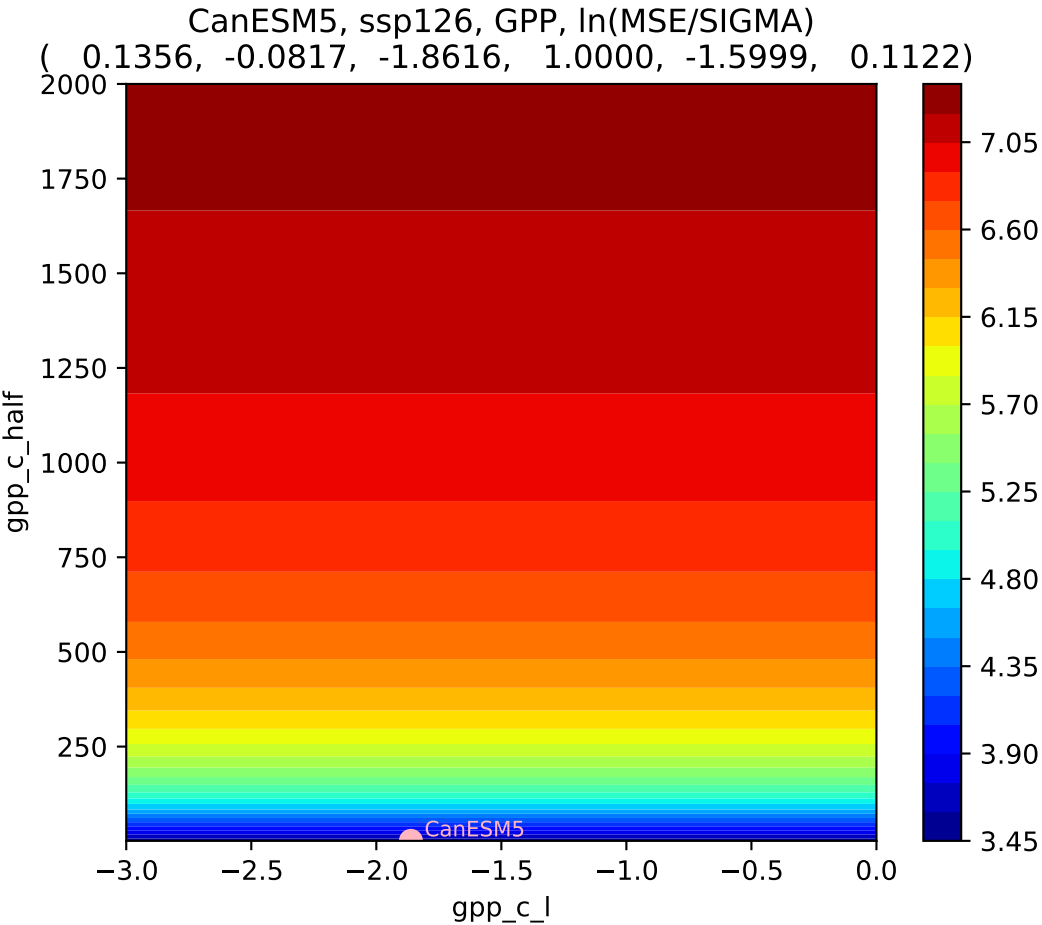

CanESM5, ssp126, GPP
ESM
Fit
GPP
ΔT

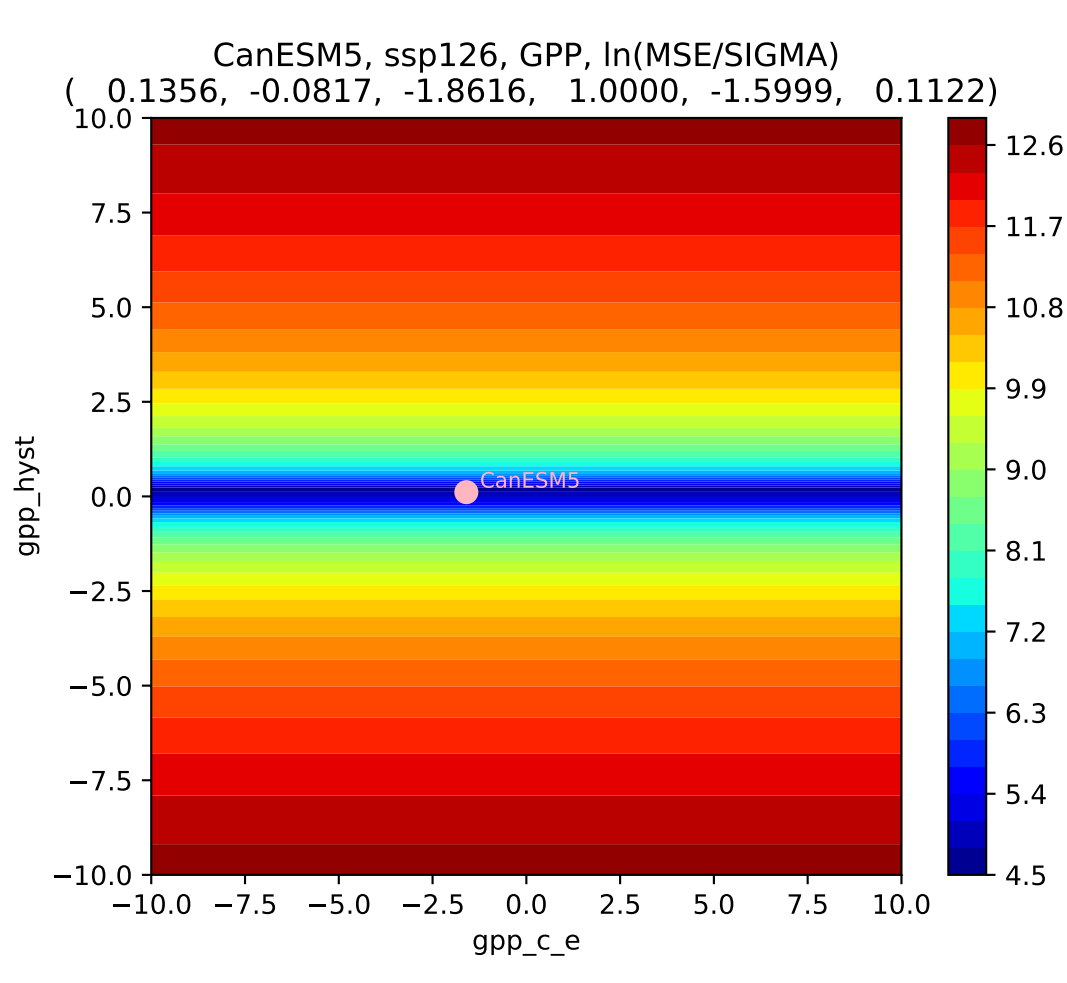

CanESM5, ssp126, GPP
ESM-Fit
GPP, ESM - FIT
ΔT


CanESM5, ssp126, GPP
ESM
Fit
GPP
c_atm


CanESM5, ssp126, GPP
ESM-Fit
GPP, ESM - FIT
c_atm


CanESM5, ssp126, GPP, ln(MSE/SIGMA)
(0.1356, -0.0817, -1.8616, 1.0000, -1.5999, 0.1122)
gpp_t_e
gpp_t_l
CanESM5
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
43.5
39.0
34.5
30.0
25.5
21.0
16.5
12.0
7.5
3.0


CanESM5, ssp126, GPP, ln(MSE/SIGMA)
(0.1356, -0.0817, -1.8616, 1.0000, -1.5999, 0.1122)
gpp_c_half
gpp_c_l
2000
1750
1500
1250
1000
750
500
250
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
CanESM5
7.05
6.60
6.15
5.70
5.25
4.80
4.35
3.90
3.45


CanESM5, ssp126, GPP, ln(MSE/SIGMA)
(0.1356, -0.0817, -1.8616, 1.0000, -1.5999, 0.1122)
CanESM5
gpp_hyst
gpp_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−10.0 −7.5 −5.0 −2.5 0.0 2.5 5.0 7.5 10.0
12.6
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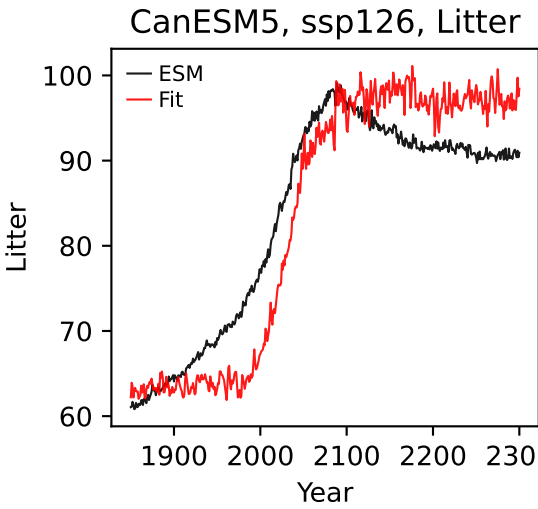
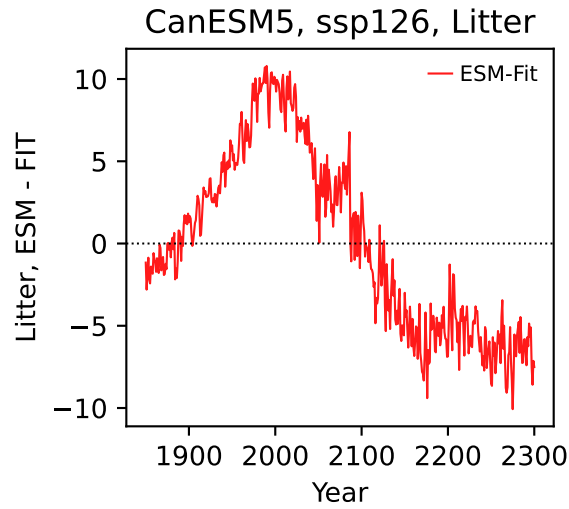
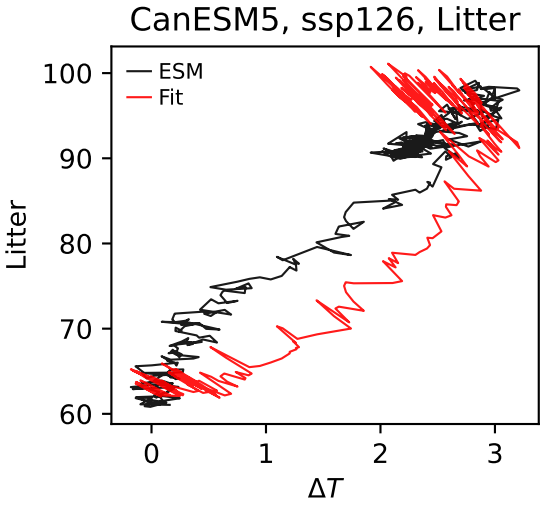
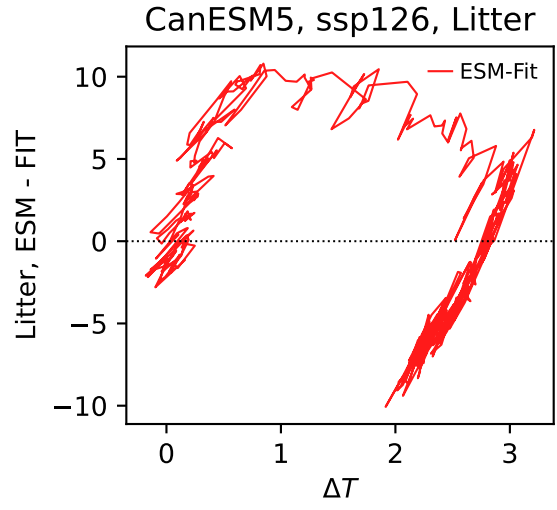
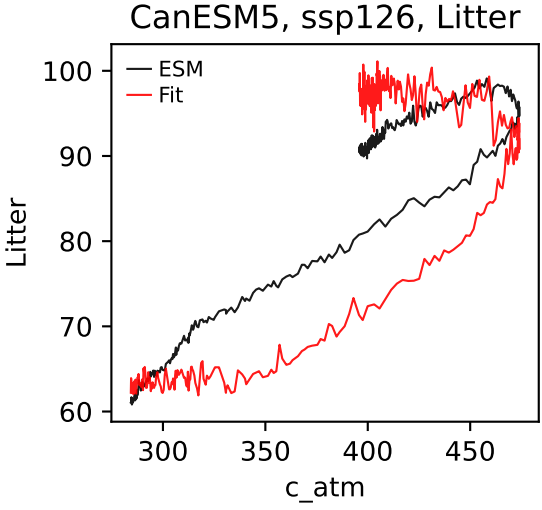
9.0
8.1
7.2
6.3
5.4
4.5

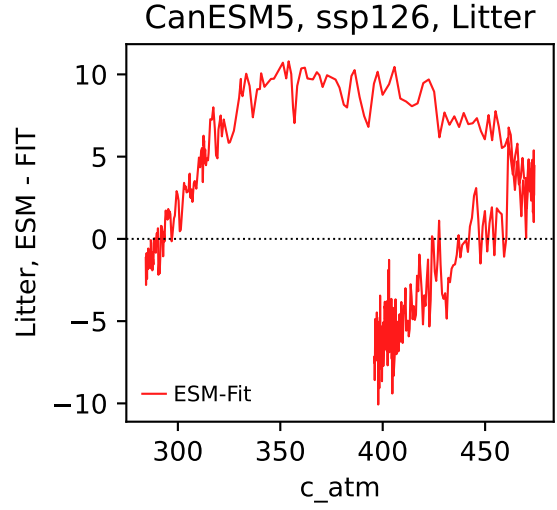

CanESM5, ssp126, Litter
ESM
Fit
Litter
Year

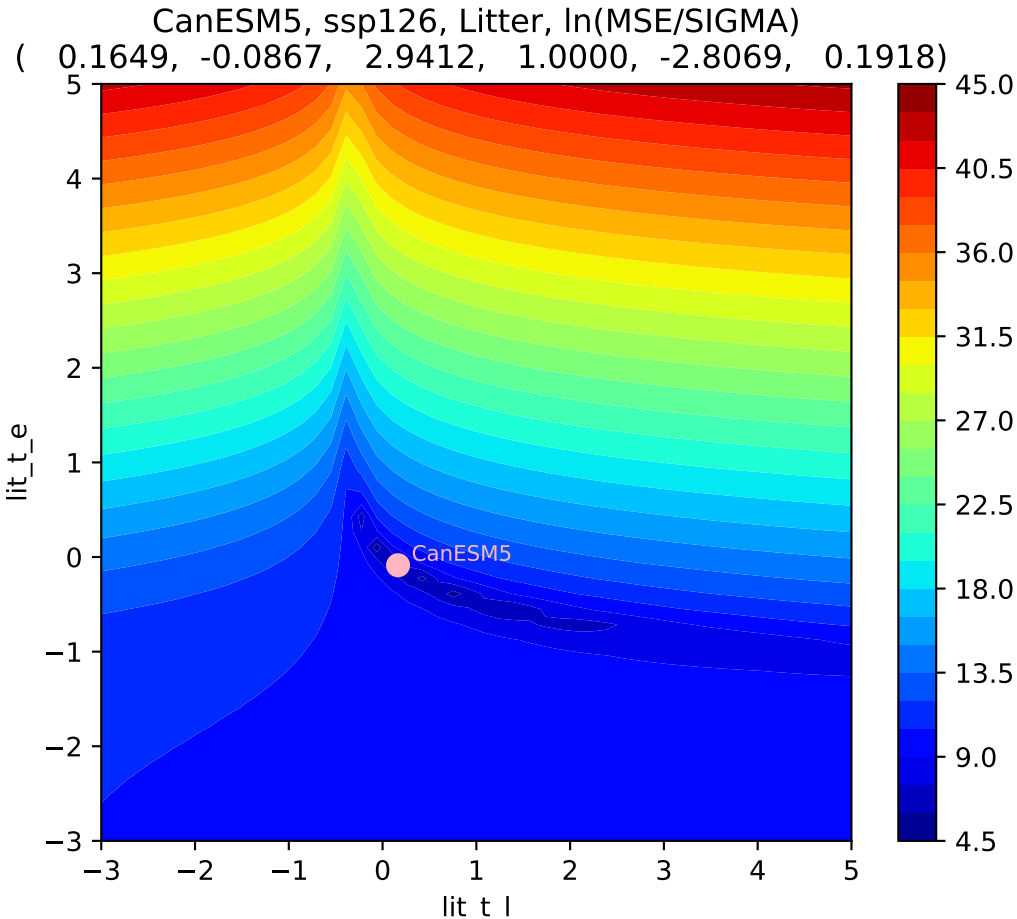

CanESM5, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
Year

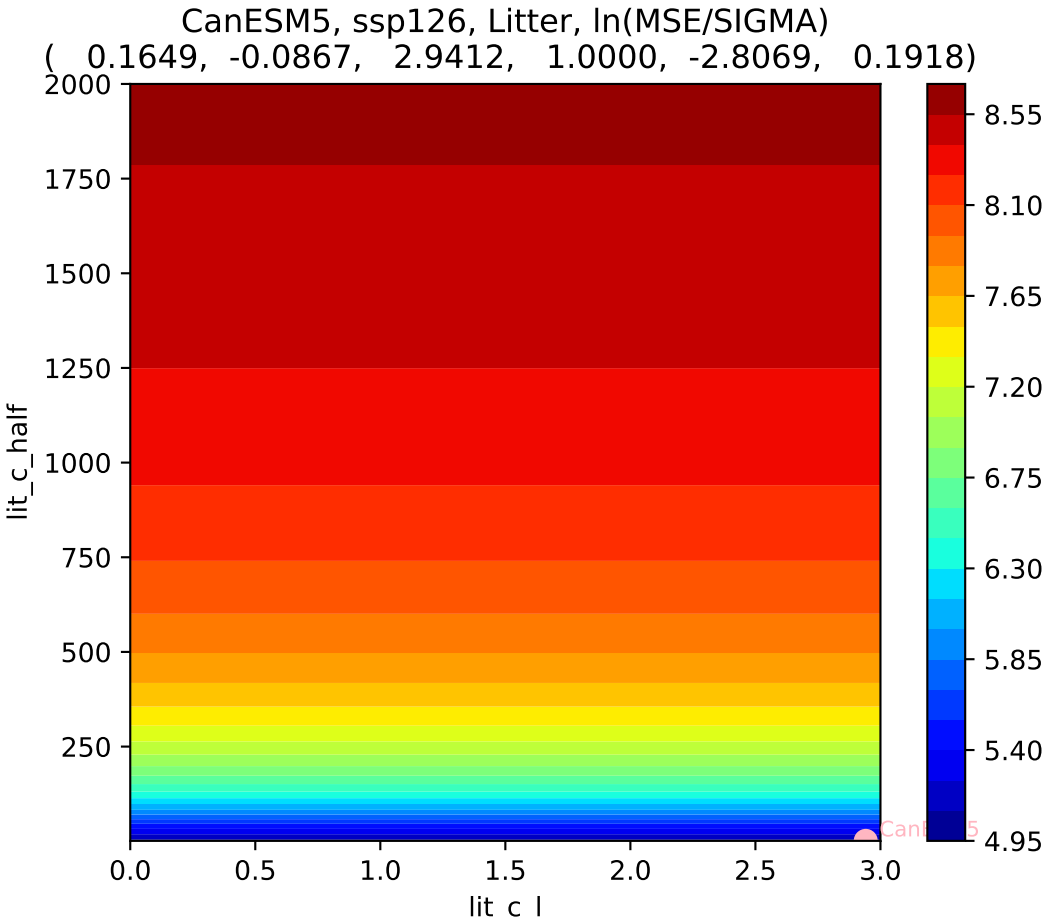

CanESM5, ssp126, Litter
ESM
Fit
Litter
ΔT

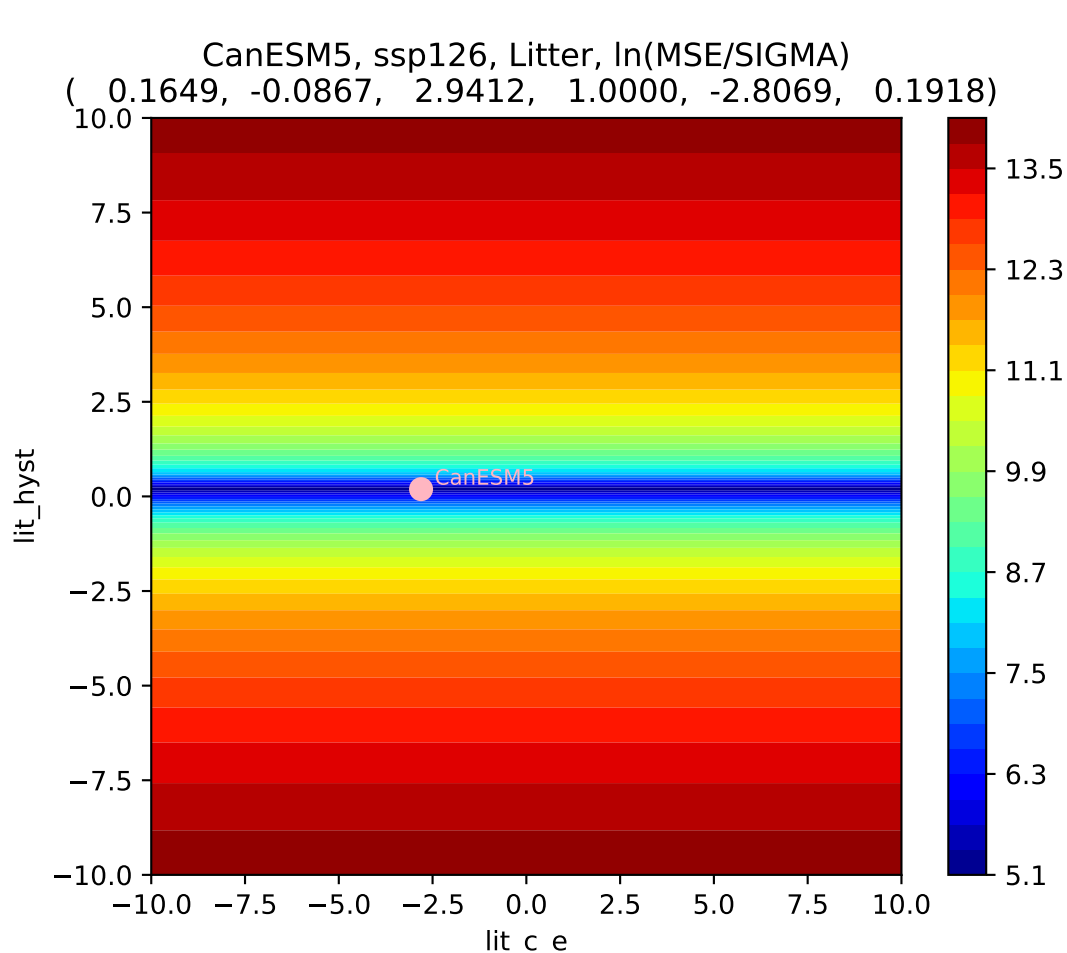

CanESM5, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
ΔT

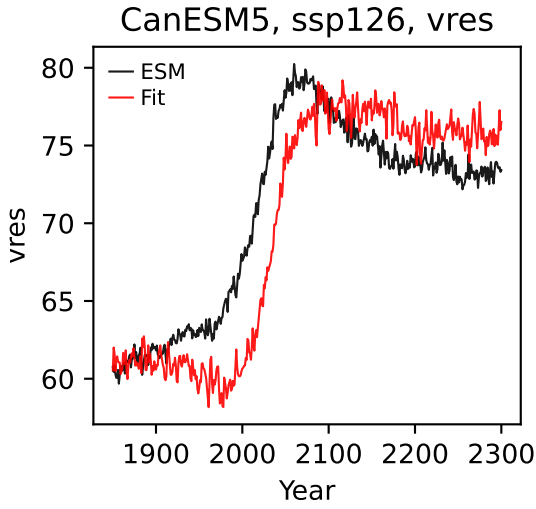

CanESM5, ssp126, Litter
ESM
Fit
Litter
c_atm

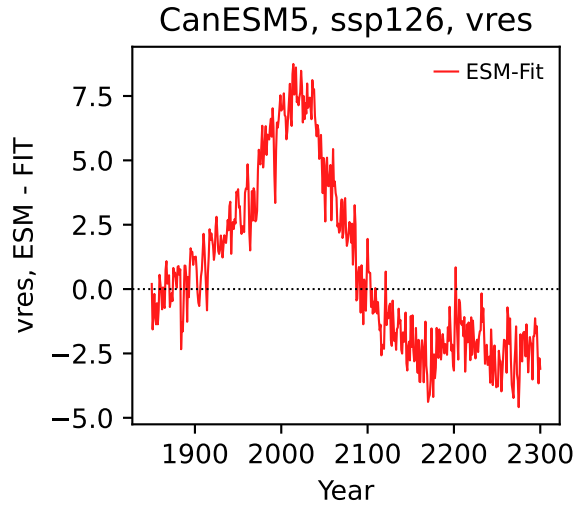

CanESM5, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
c_atm

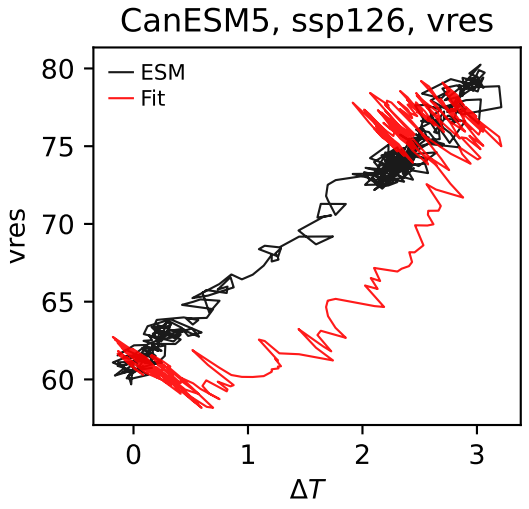

CanESM5, ssp126, Litter, ln(MSE/SIGMA)
(0.1649, -0.0867, 2.9412, 1.0000, -2.8069, 0.1918)
lit_t_e
lit_t_l
CanESM5
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
45.0
40.5
36.0
31.5
27.0
22.5
18.0
13.5
9.0
4.5

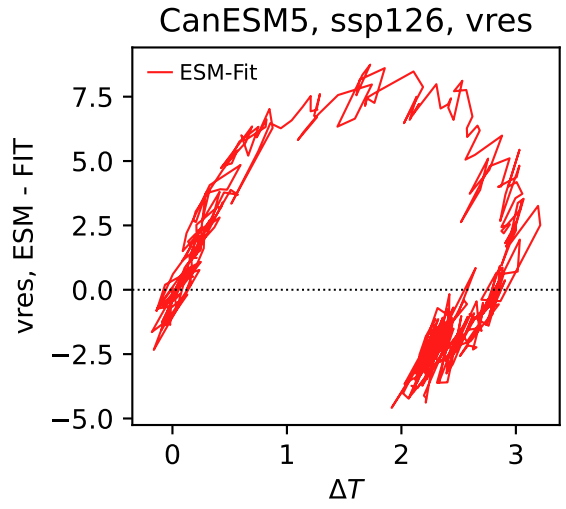

CanESM5, ssp126, Litter, ln(MSE/SIGMA)
(0.1649, -0.0867, 2.9412, 1.0000, -2.8069, 0.1918)
lit_c_half
lit_c_l
2000
1750
1500
1250
1000
750
500
250
0.0
0.5
1.0
1.5
2.0
2.5
3.0
8.55
8.10
7.65
7.20
6.75
6.30
5.85
5.40
4.95

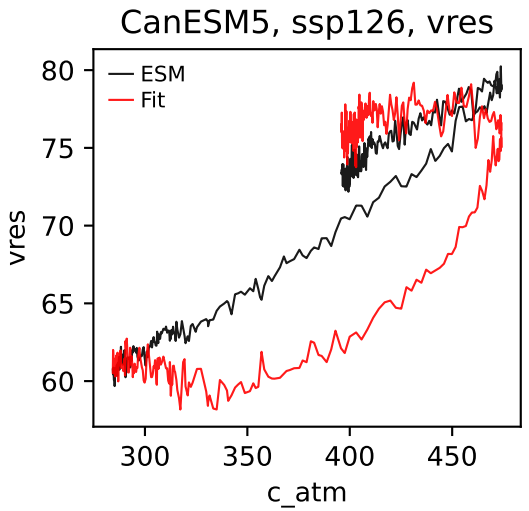

CanESM5, ssp126, Litter, ln(MSE/SIGMA)
(0.1649, -0.0867, 2.9412, 1.0000, -2.8069, 0.1918)
CanESM5
lit_hyst
lit_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
13.5
12.3
11.1
9.9
8.7
7.5
6.3
5.1

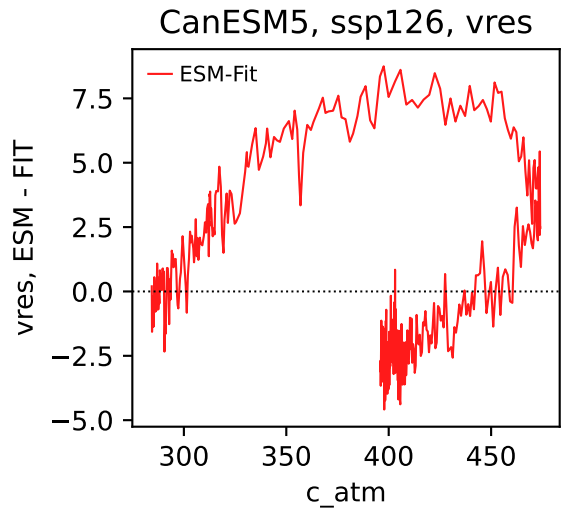

CanESM5, ssp126, vres
ESM
Fit
vres
Year

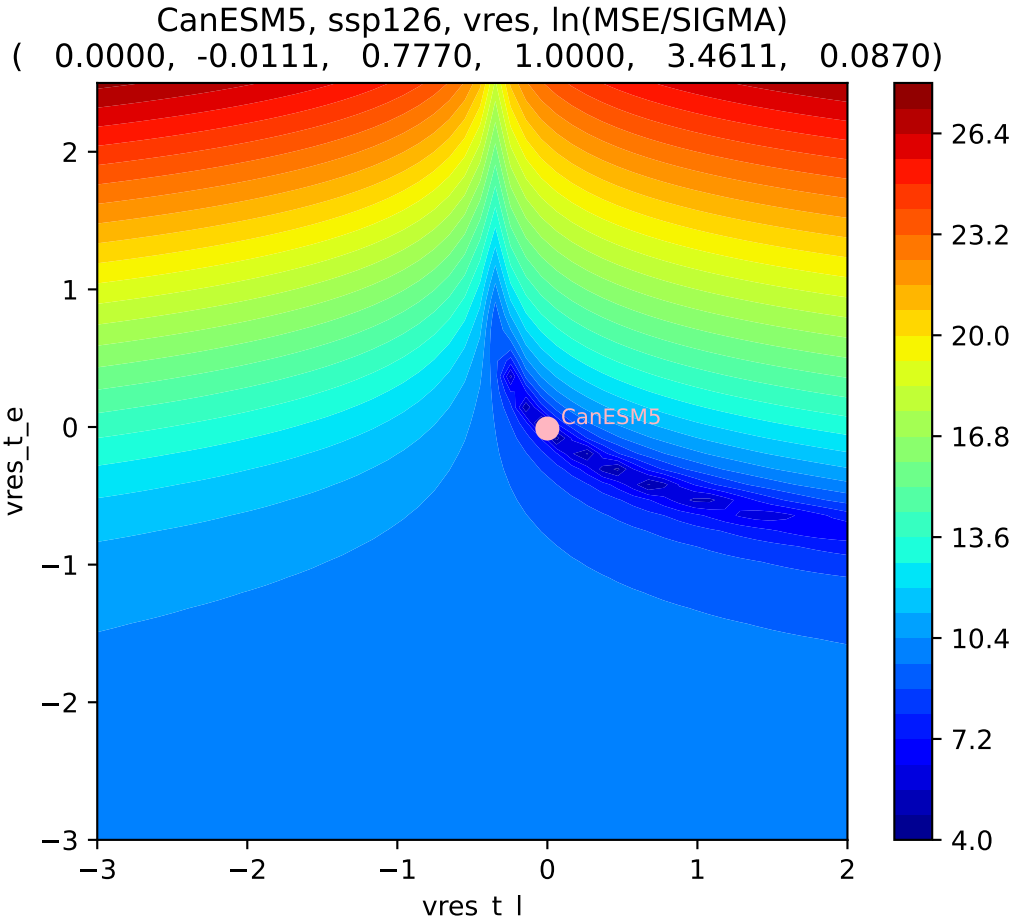

CanESM5, ssp126, vres
ESM-Fit
vres, ESM - FIT
Year

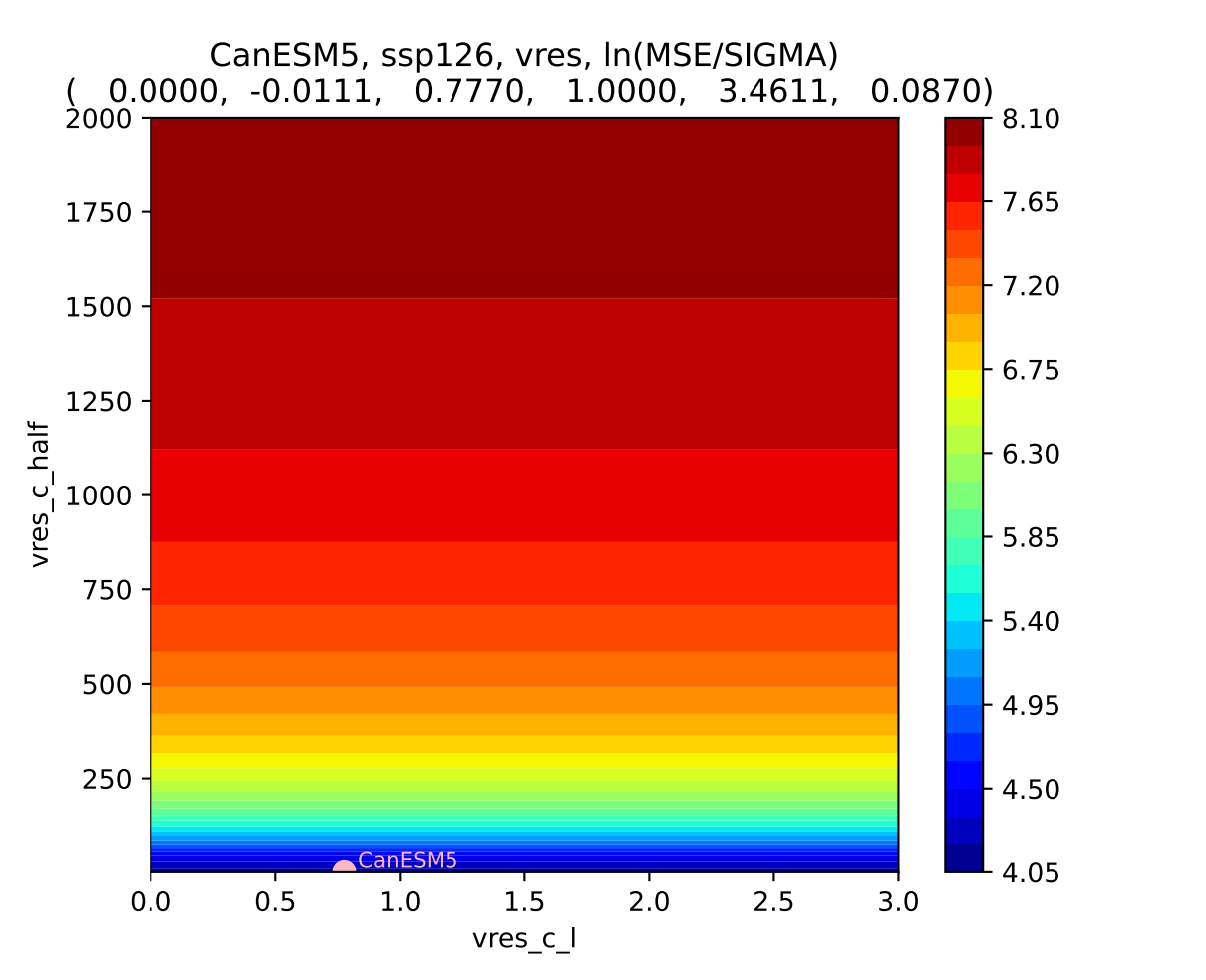

CanESM5, ssp126, vres
ESM
Fit
vres
ΔT

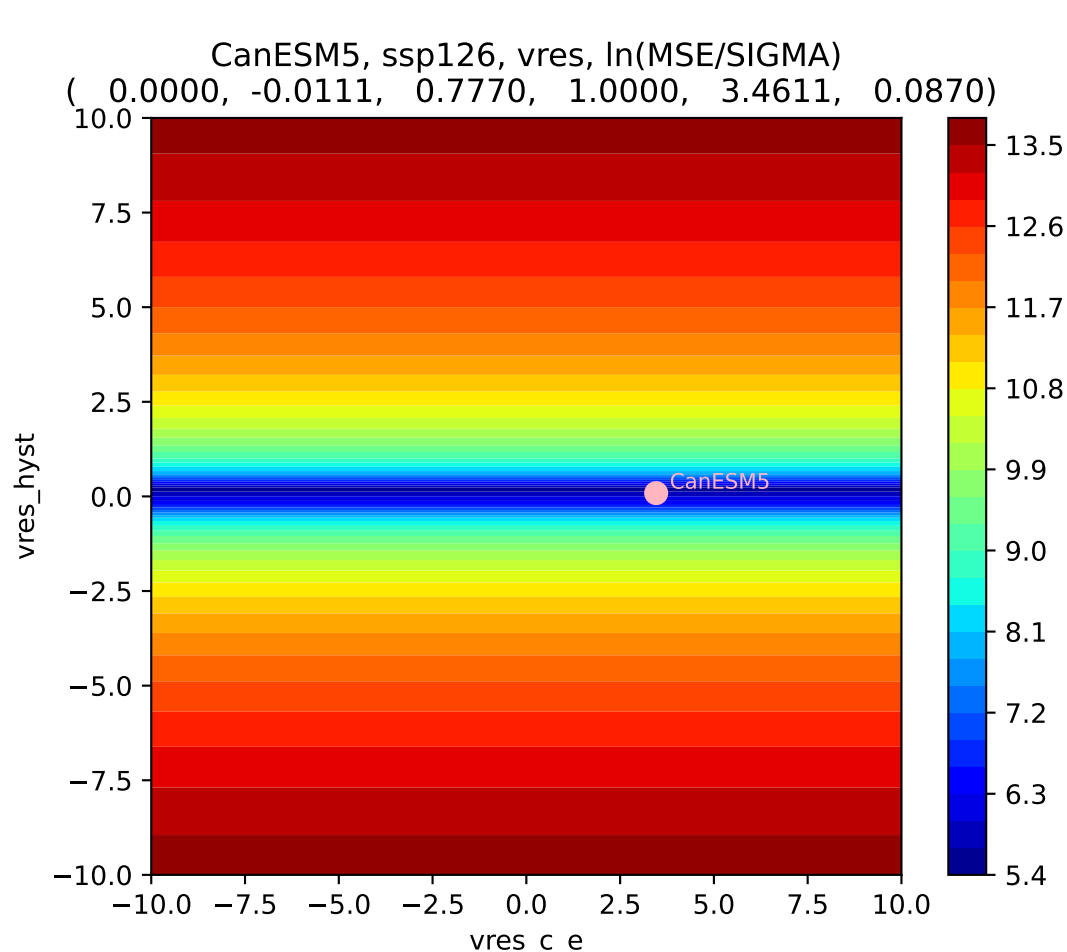

CanESM5, ssp126, vres
ESM-Fit
vres, ESM - FIT
ΔT

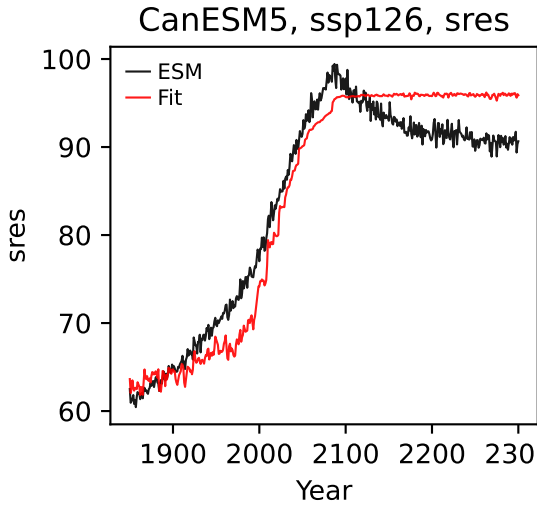

CanESM5, ssp126, vres
ESM
Fit
vres
c_atm

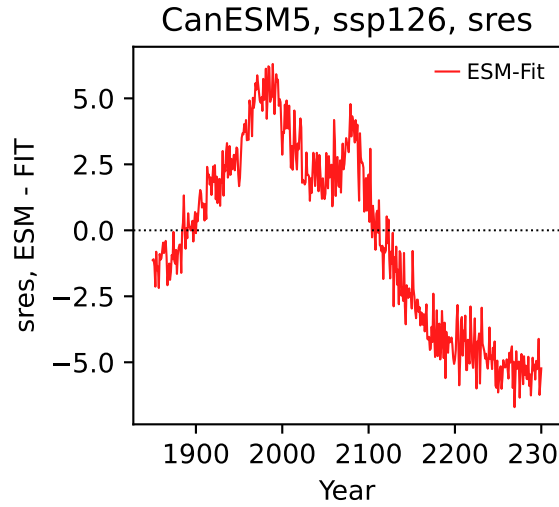

CanESM5, ssp126, vres
ESM-Fit
vres, ESM - FIT
c_atm

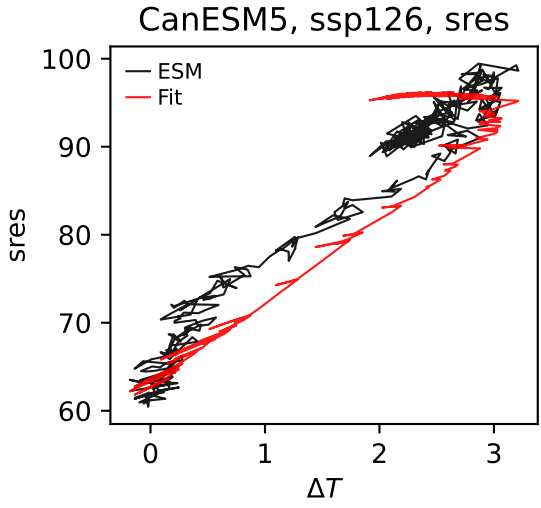

CanESM5, ssp126, vres, ln(MSE/SIGMA)
(0.0000, -0.0111, 0.7770, 1.0000, 3.4611, 0.0870)
CanESM5
vres_t_e
vres_t_l
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
26.4
23.2
20.0
16.8
13.6
10.4
7.2
4.0

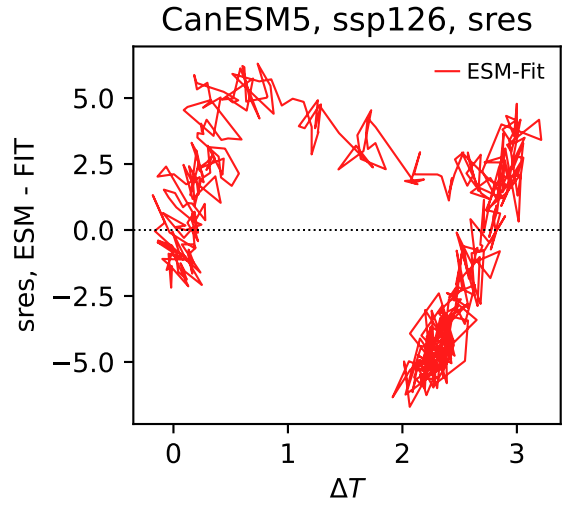

CanESM5, ssp126, vres, ln(MSE/SIGMA)
(0.0000, -0.0111, 0.7770, 1.0000, 3.4611, 0.0870)
2000
1750
1500
1250
1000
750
500
250
vres_c_half
CanESM5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
vres_c_l
8.10
7.65
7.20
6.75
6.30
5.85
5.40
4.95
4.50
4.05

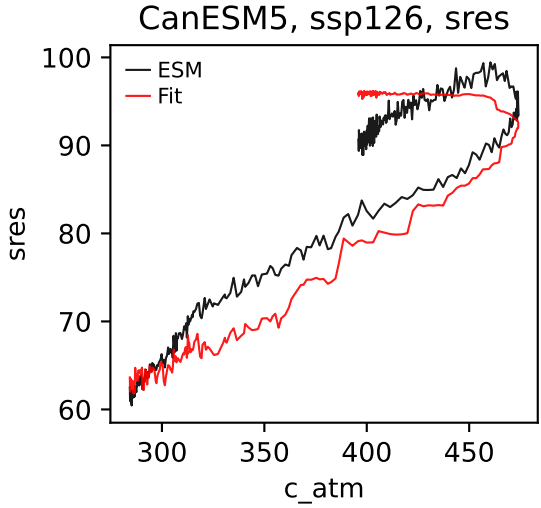

CanESM5, ssp126, vres, ln(MSE/SIGMA)
(0.0000, -0.0111, 0.7770, 1.0000, 3.4611, 0.0870)
CanESM5
vres_hyst
vres_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−10.0 −7.5 −5.0 −2.5 0.0 2.5 5.0 7.5 10.0
13.5
12.6
11.7
10.8
9.9
9.0
8.1
7.2
6.3
5.4

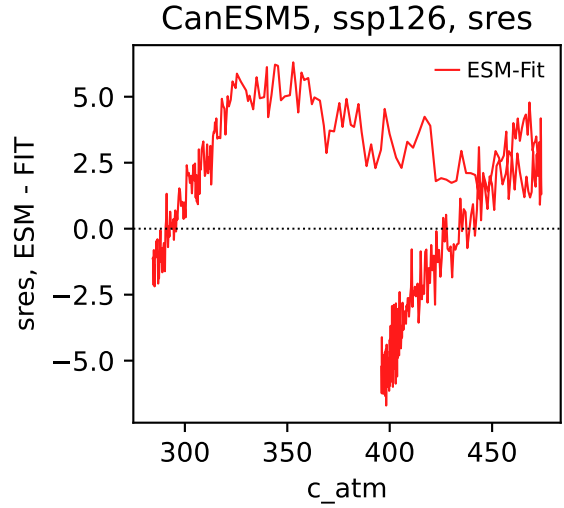

CanESM5, ssp126, sres
ESM
Fit
sres
Year

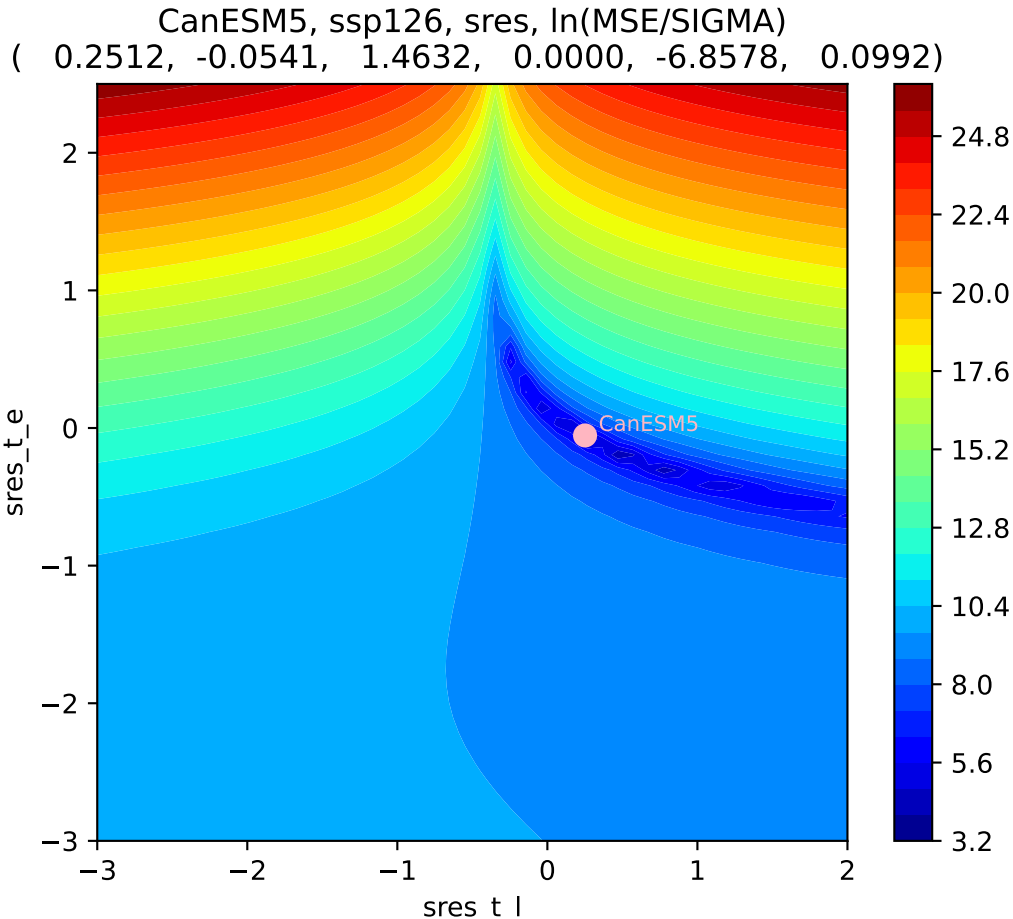

CanESM5, ssp126, sres
ESM-Fit
sres, ESM - FIT
Year

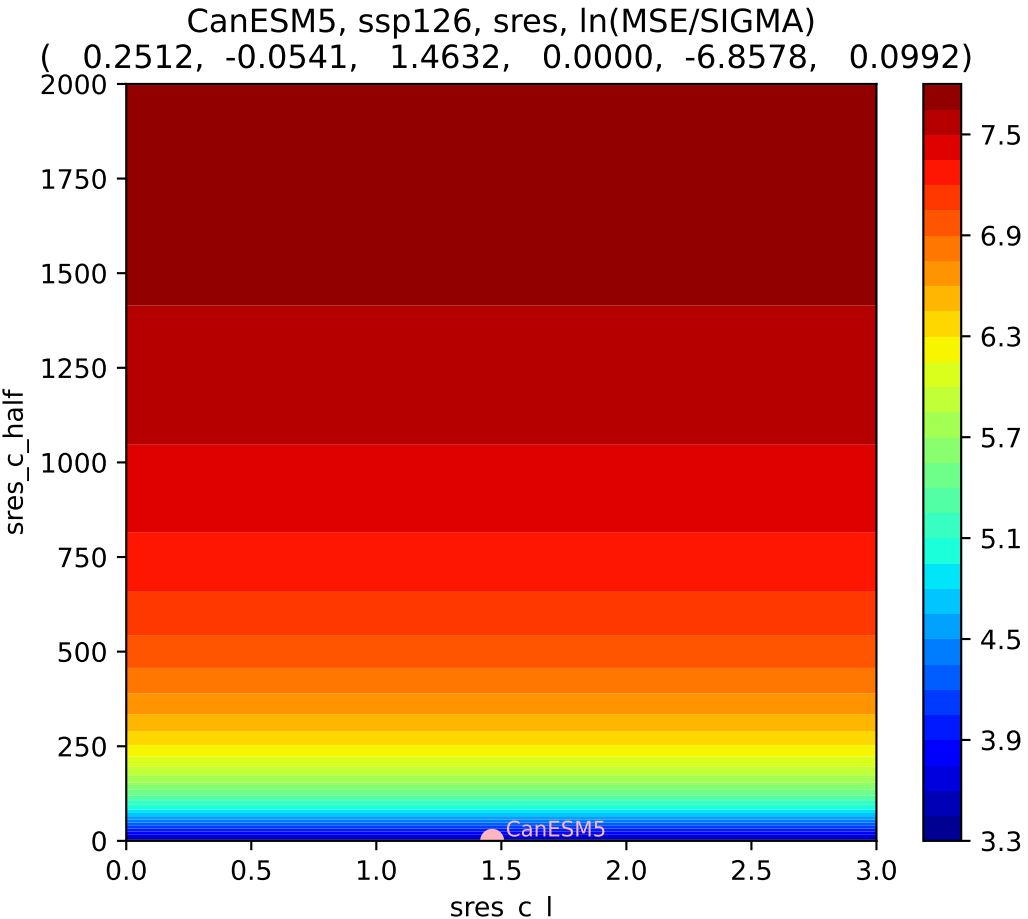

CanESM5, ssp126, sres
ESM
Fit
sres
ΔT

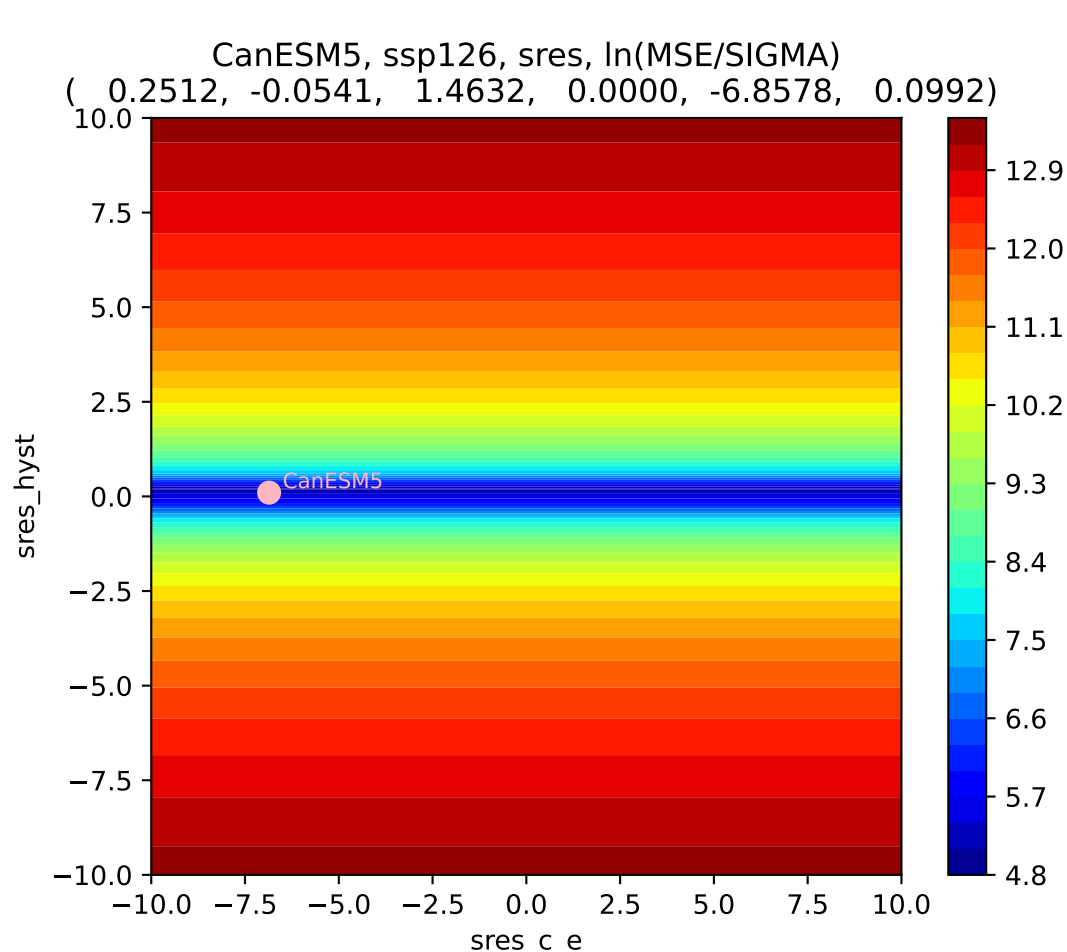

CanESM5, ssp126, sres
ESM-Fit
sres, ESM - FIT
ΔT

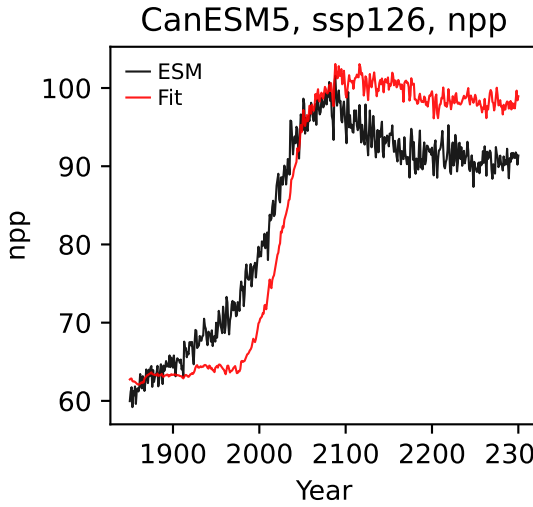

CanESM5, ssp126, sres
ESM
Fit
sres
c_atm

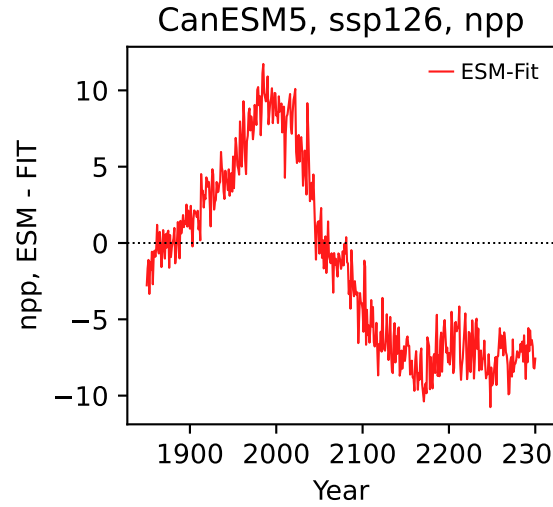

CanESM5, ssp126, sres
ESM-Fit
sres, ESM - FIT
c_atm

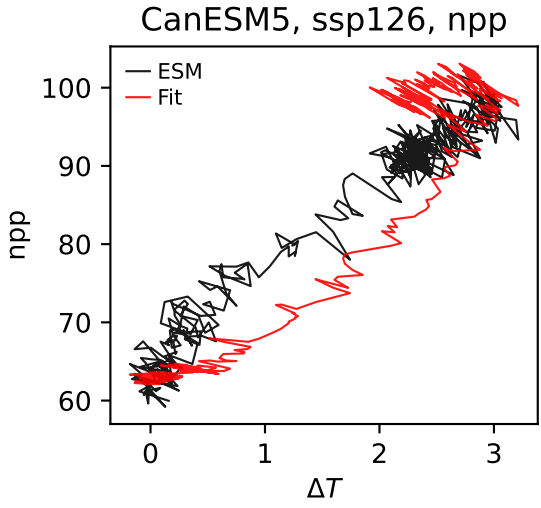

CanESM5, ssp126, sres, ln(MSE/SIGMA)
(0.2512, -0.0541, 1.4632, 0.0000, -6.8578, 0.0992)
CanESM5
sres_t_e
sres_t_l
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
24.8
22.4
20.0
17.6
15.2
12.8
10.4
8.0
5.6
3.2

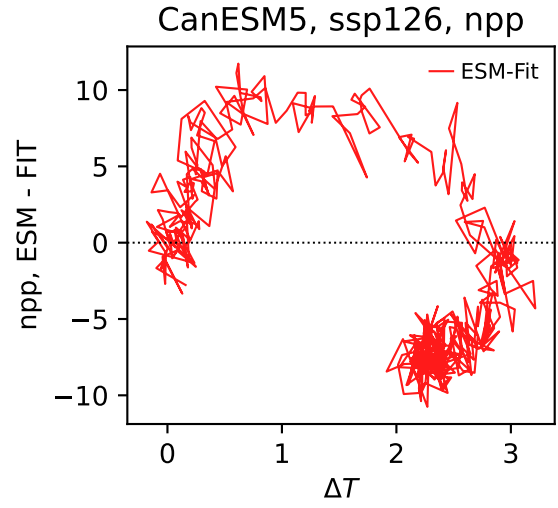

CanESM5, ssp126, sres, ln(MSE/SIGMA)
(0.2512, -0.0541, 1.4632, 0.0000, -6.8578, 0.0992)
sres_c_half
sres_c_l
CanESM5
2000
1750
1500
1250
1000
750
500
250
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
7.5
6.9
6.3
5.7
5.1
4.5
3.9
3.3

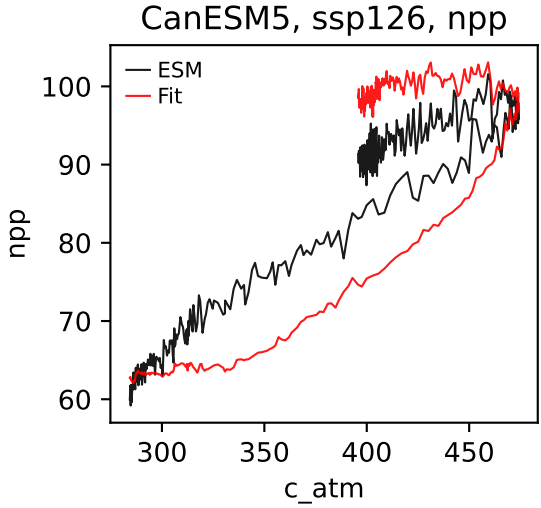

CanESM5, ssp126, sres, ln(MSE/SIGMA)
(0.2512, -0.0541, 1.4632, 0.0000, -6.8578, 0.0992)
CanESM5
sres_hyst
sres_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
12.9
12.0
11.1
10.2
9.3
8.4
7.5
6.6
5.7
4.8

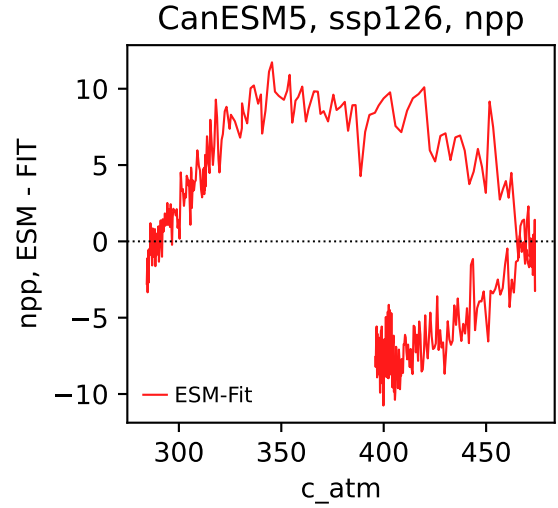

CanESM5, ssp126, npp
ESM
Fit
npp
Year

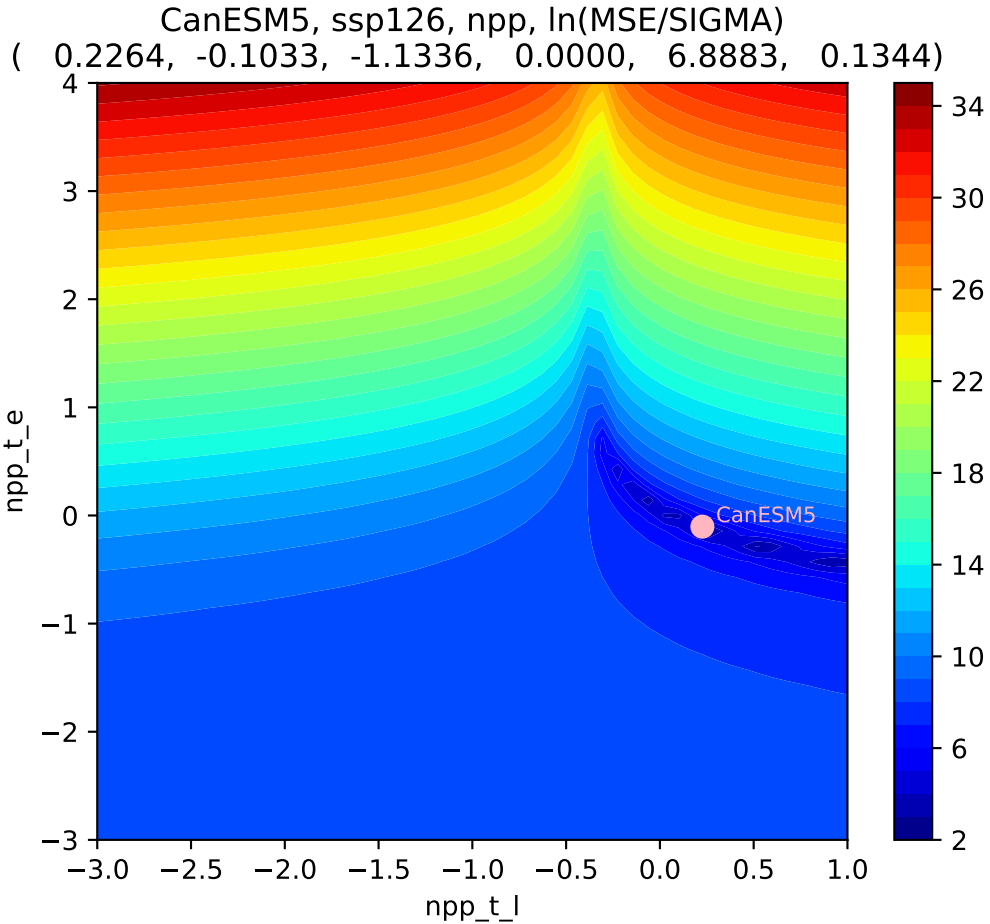

CanESM5, ssp126, npp
ESM-Fit
npp, ESM - FIT
Year

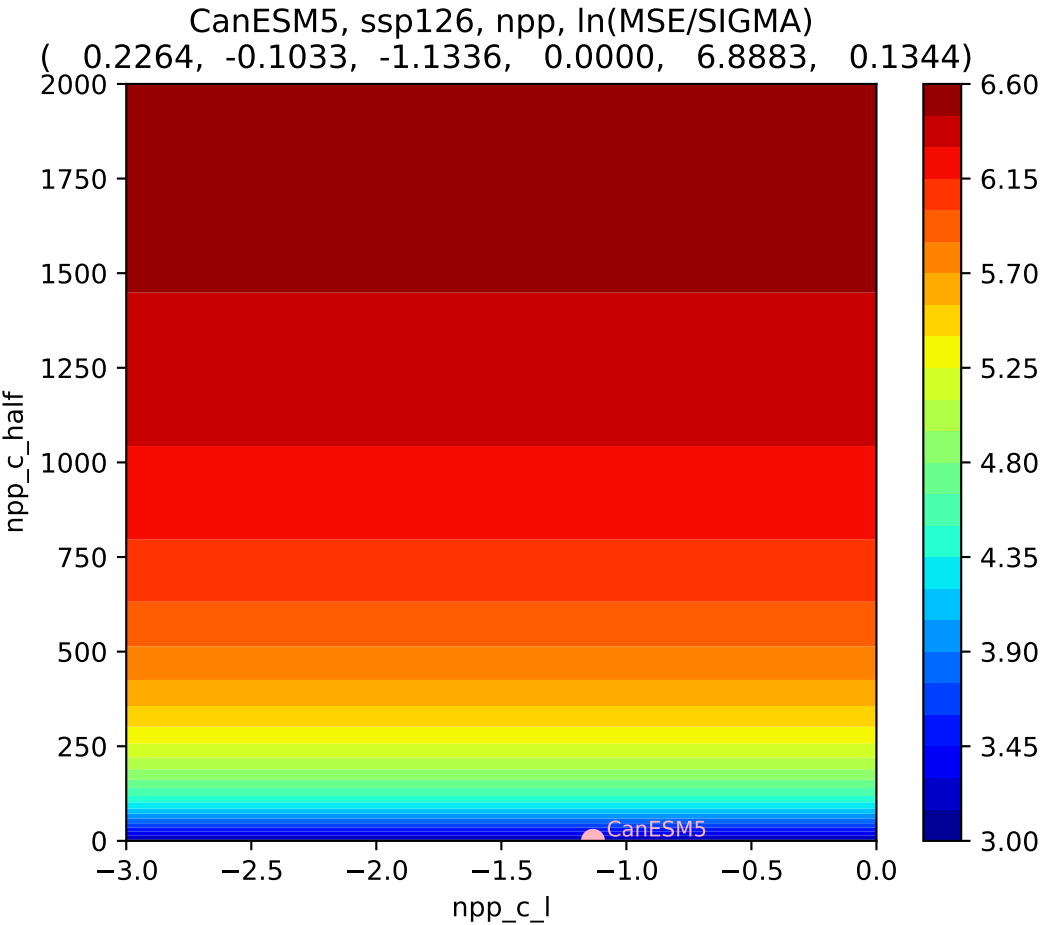

CanESM5, ssp126, npp
ESM
Fit
npp
ΔT

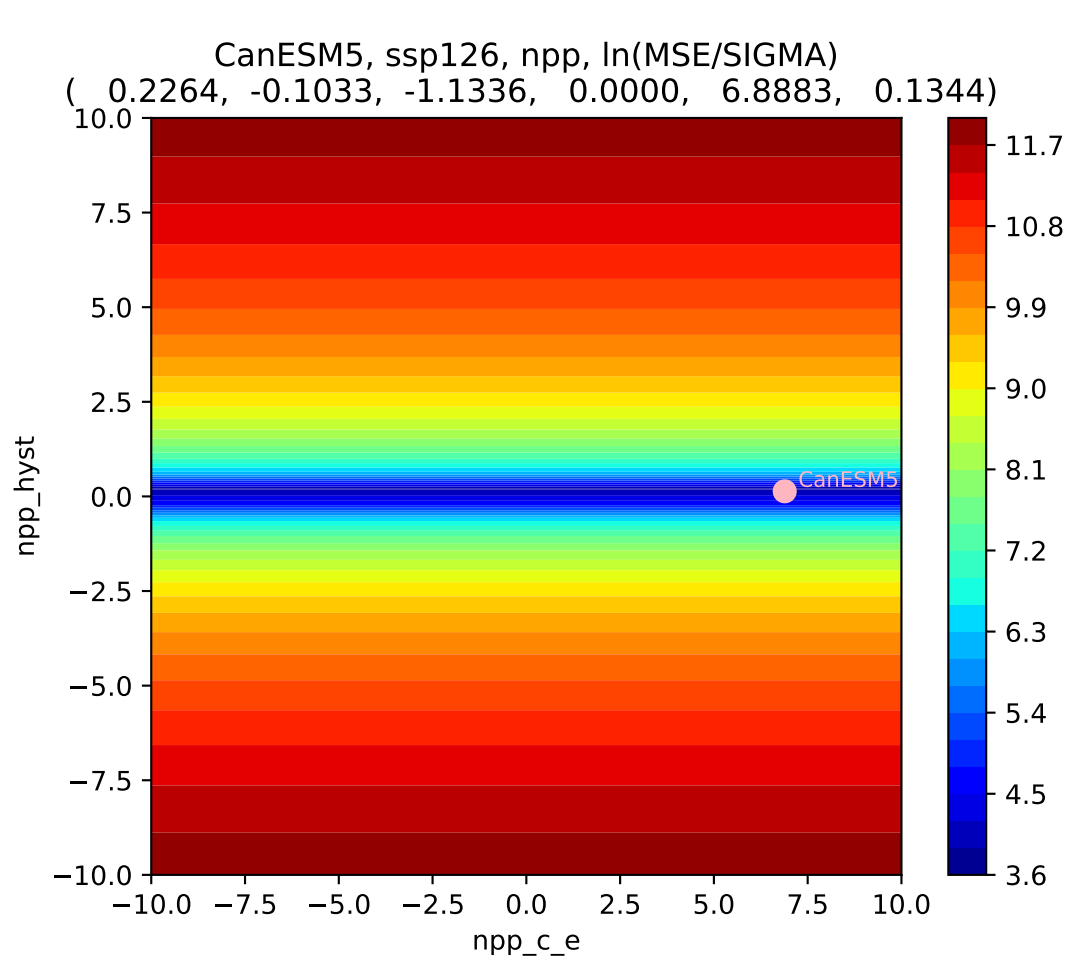

CanESM5, ssp126, npp
ESM-Fit
npp, ESM - FIT
ΔT

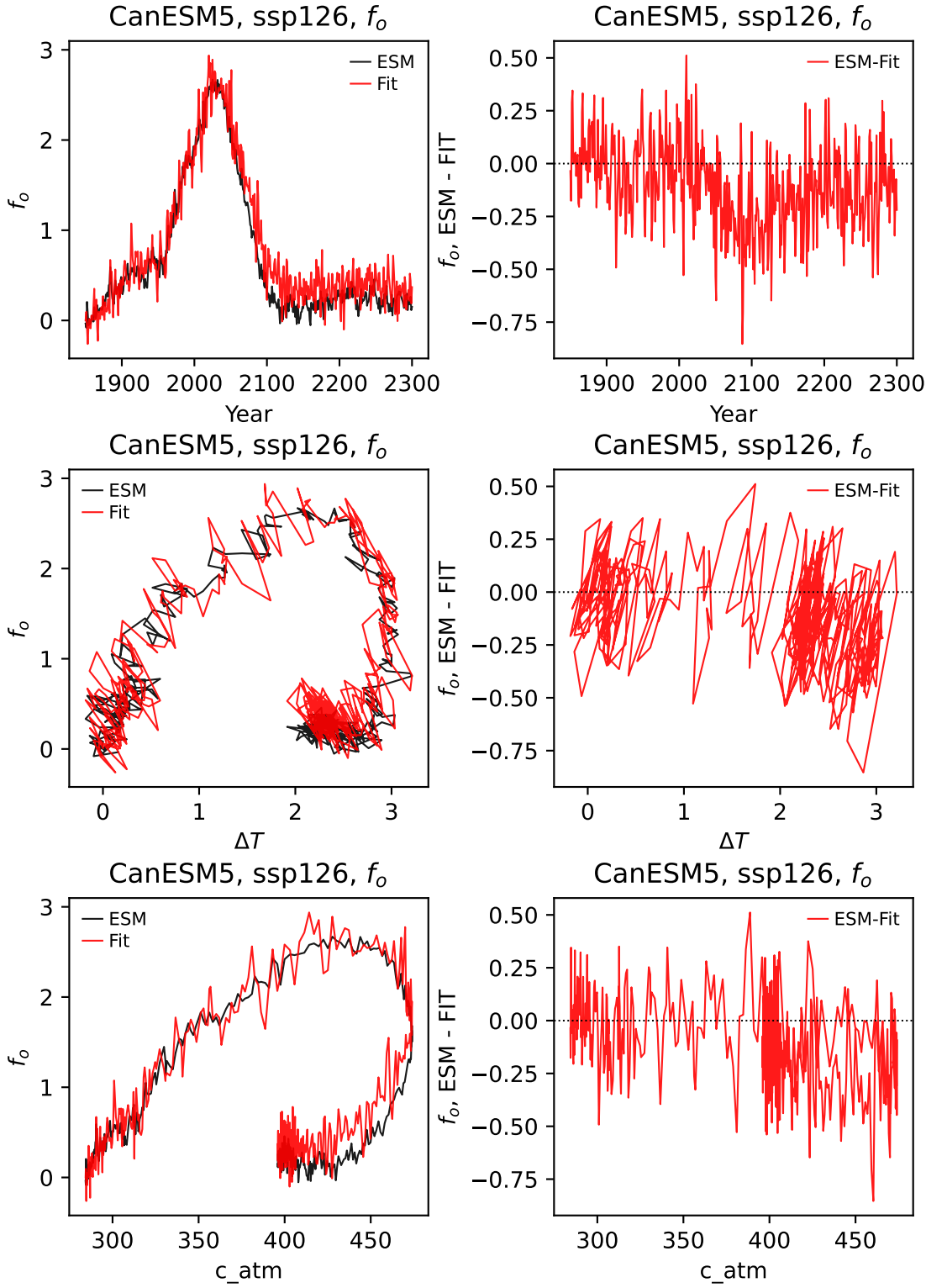

CanESM5, ssp126, npp
ESM
Fit
npp
c_atm

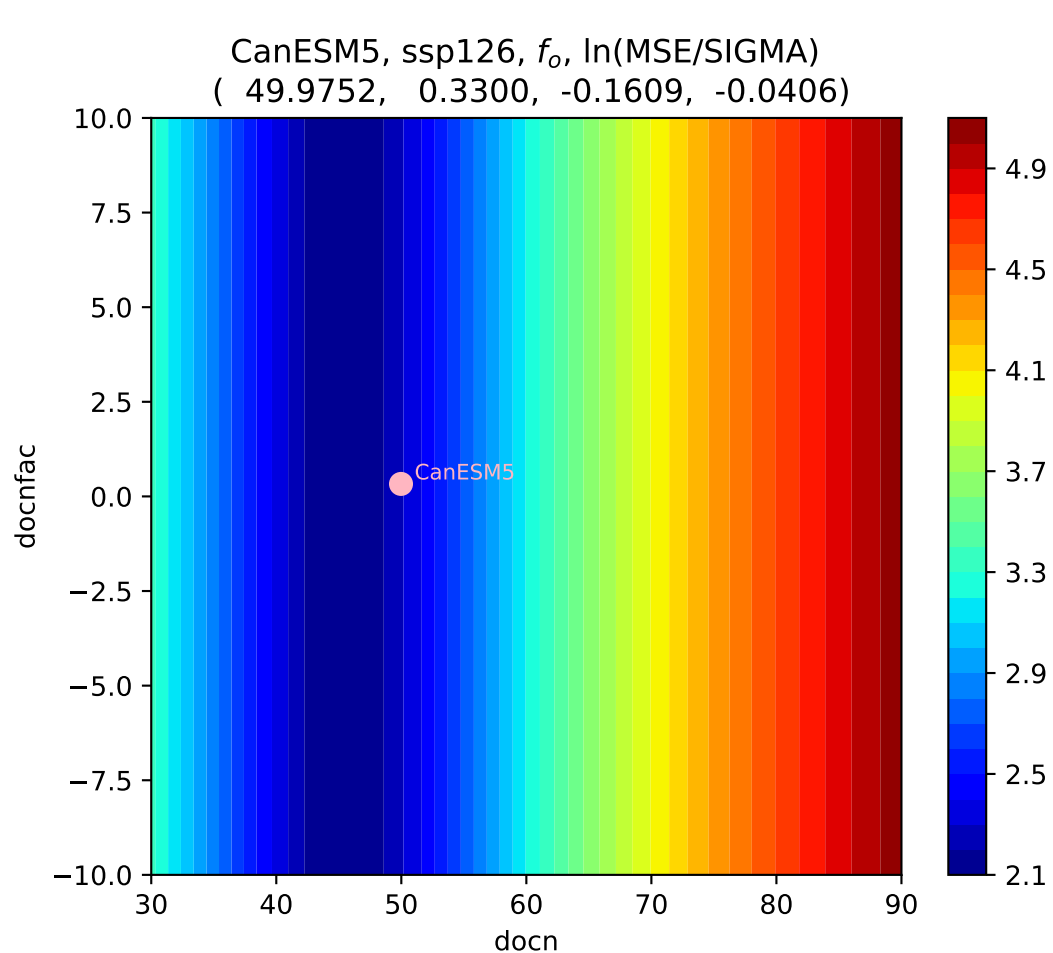

CanESM5, ssp126, npp
ESM-Fit
npp, ESM - FIT
c_atm

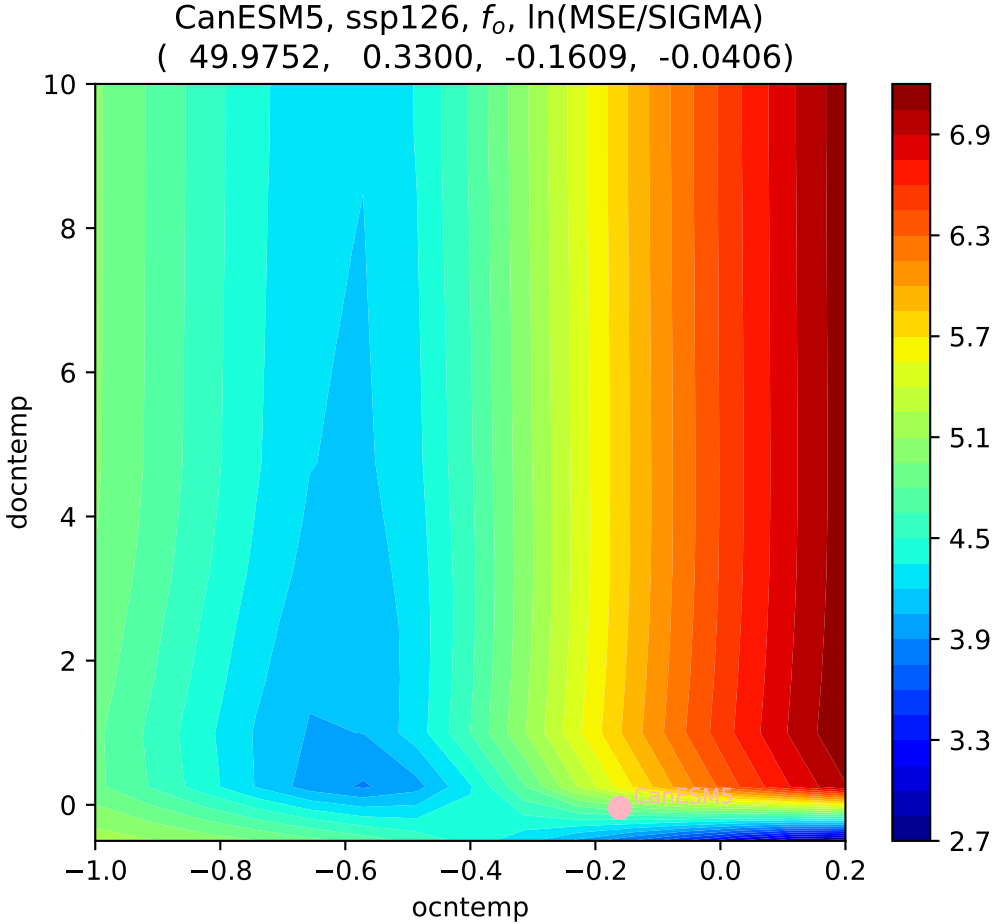

CanESM5, ssp126, npp, ln(MSE/SIGMA)
(0.2264, -0.1033, -1.1336, 0.0000, 6.8883, 0.1344)
CanESM5
npp_t_e
npp_t_l
4
3
2
1
0
−1
−2
−3
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
34
30
26
22
18
14
10
6
2


CanESM5, ssp126, npp, ln(MSE/SIGMA)
(0.2264, -0.1033, -1.1336, 0.0000, 6.8883, 0.1344)
2000
1750
1500
1250
1000
750
500
250
0
npp_c_half
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
npp_c_l
CanESM5
6.60
6.15
5.70
5.25
4.80
4.35
3.90
3.45
3.00


CanESM5, ssp126, npp, ln(MSE/SIGMA)
(0.2264, -0.1033, -1.1336, 0.0000, 6.8883, 0.1344)
CanESM5
npp_hyst
npp_c_e
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
11.7
10.8
9.9
9.0
8.1
7.2
6.3
5.4
4.5
3.6


CanESM5, ssp126, f_o
ESM
Fit
f_o
Year
CanESM5, ssp126, f_o
ESM-Fit
f_o, ESM - FIT
Year
CanESM5, ssp126, f_o
ESM
Fit
f_o
ΔT
CanESM5, ssp126, f_o
ESM-Fit
f_o, ESM - FIT
ΔT
CanESM5, ssp126, f_o
ESM
Fit
f_o
c_atm
CanESM5, ssp126, f_o
ESM-Fit
f_o, ESM - FIT
c_atm


CanESM5, ssp126, f_o, ln(MSE/SIGMA)
(49.9752, 0.3300, -0.1609, -0.0406)
CanESM5
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
4.9
4.5
4.1
3.7
3.3
2.9
2.5
2.1


CanESM5, ssp126, f_o, ln(MSE/SIGMA)
(49.9752, 0.3300, -0.1609, -0.0406)
10
8
6
4
2
0
docntemp
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
ocntemp
CanESM5
6.9
6.3
5.7
5.1
4.5
3.9
3.3
2.7