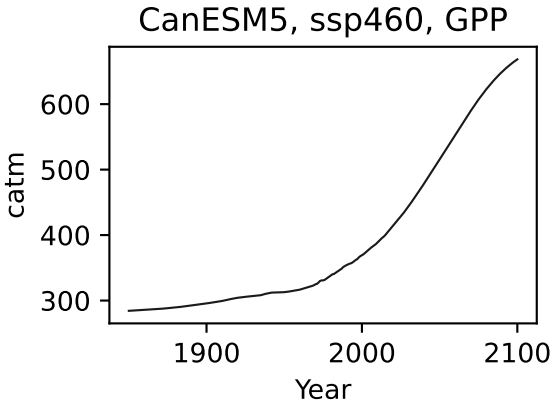
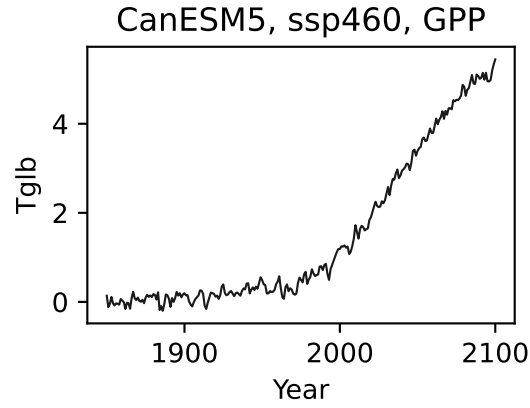
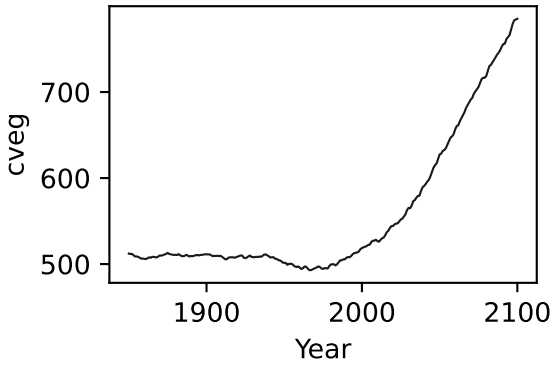
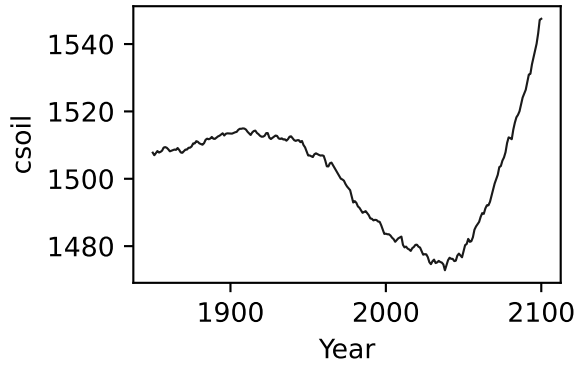
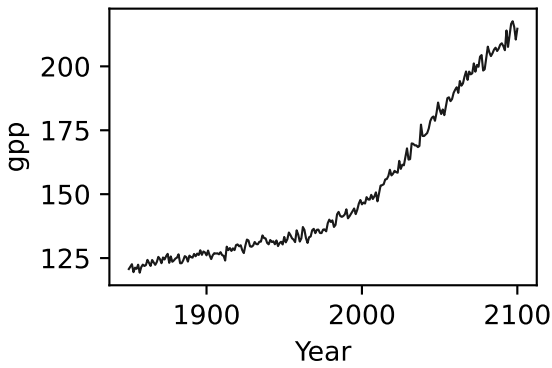
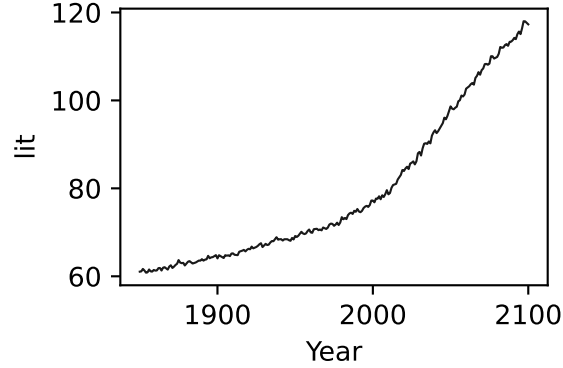

CanESM5, ssp460, GPP
catm
600
500
400
300
1900
2000
2100
Year

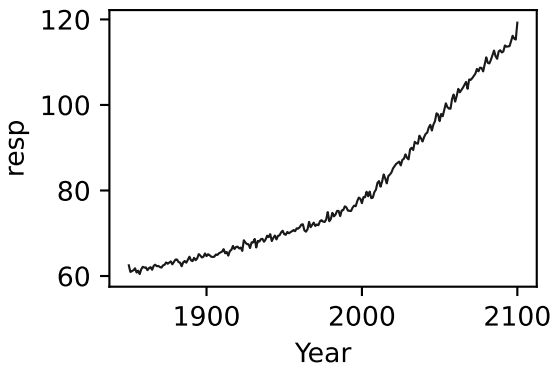

CanESM5, ssp460, GPP
Tglb
4
2
0
1900
2000
2100
Year

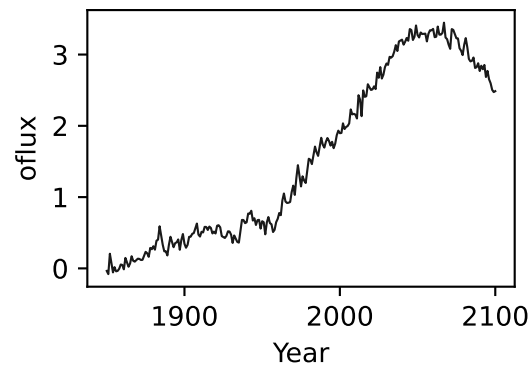

cveg
700
600
500
1900
2000
2100
Year

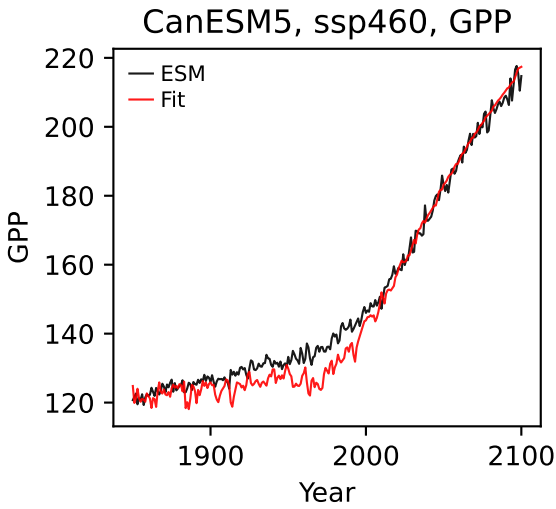

csoil
1540
1520
1500
1480
1900
2000
2100
Year

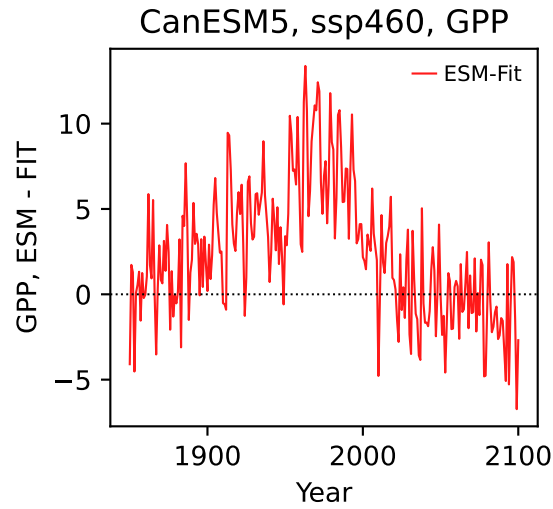

gpp
200
175
150
125
1900
2000
2100
Year

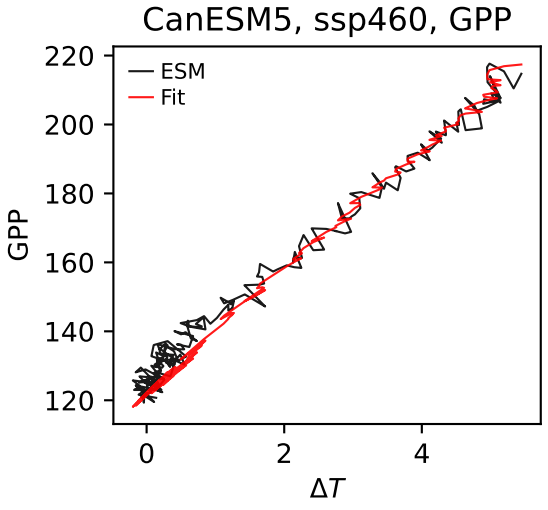

lit
120
100
80
60
1900
2000
2100
Year

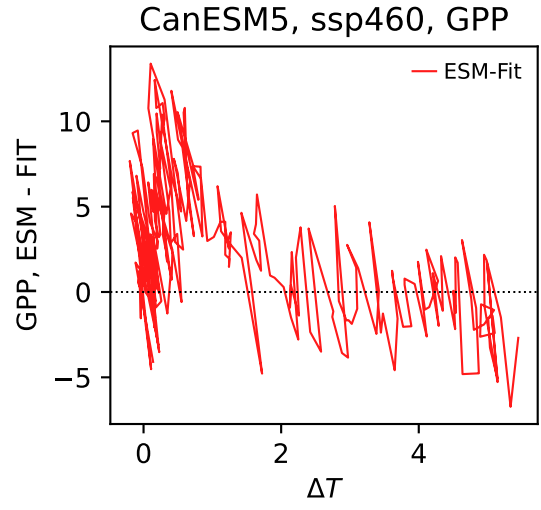

resp
120
100
80
60
1900
2000
2100
Year

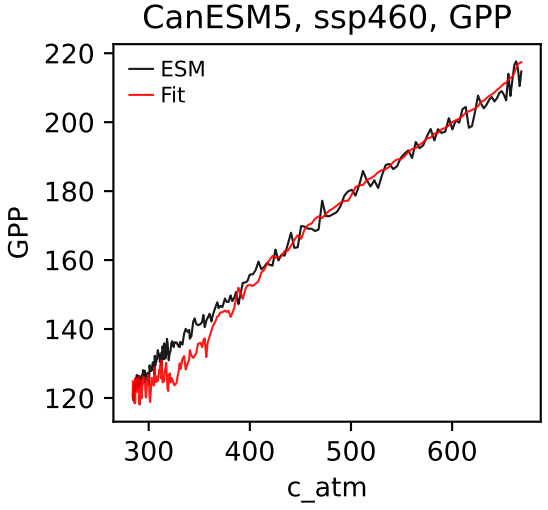

oflux
3
2
1
0
1900
2000
2100
Year

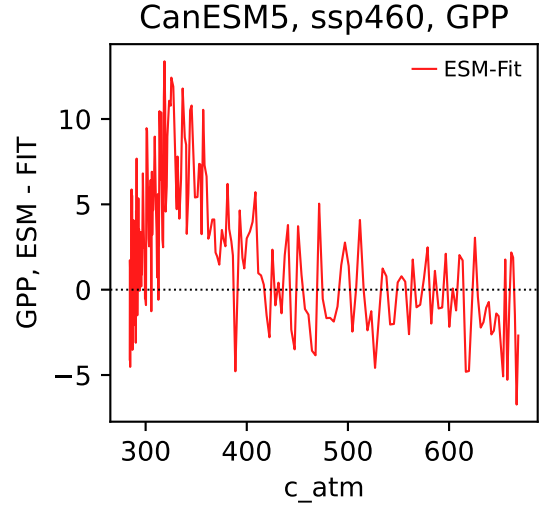

CanESM5, ssp460, GPP
ESM
Fit
GPP
Year

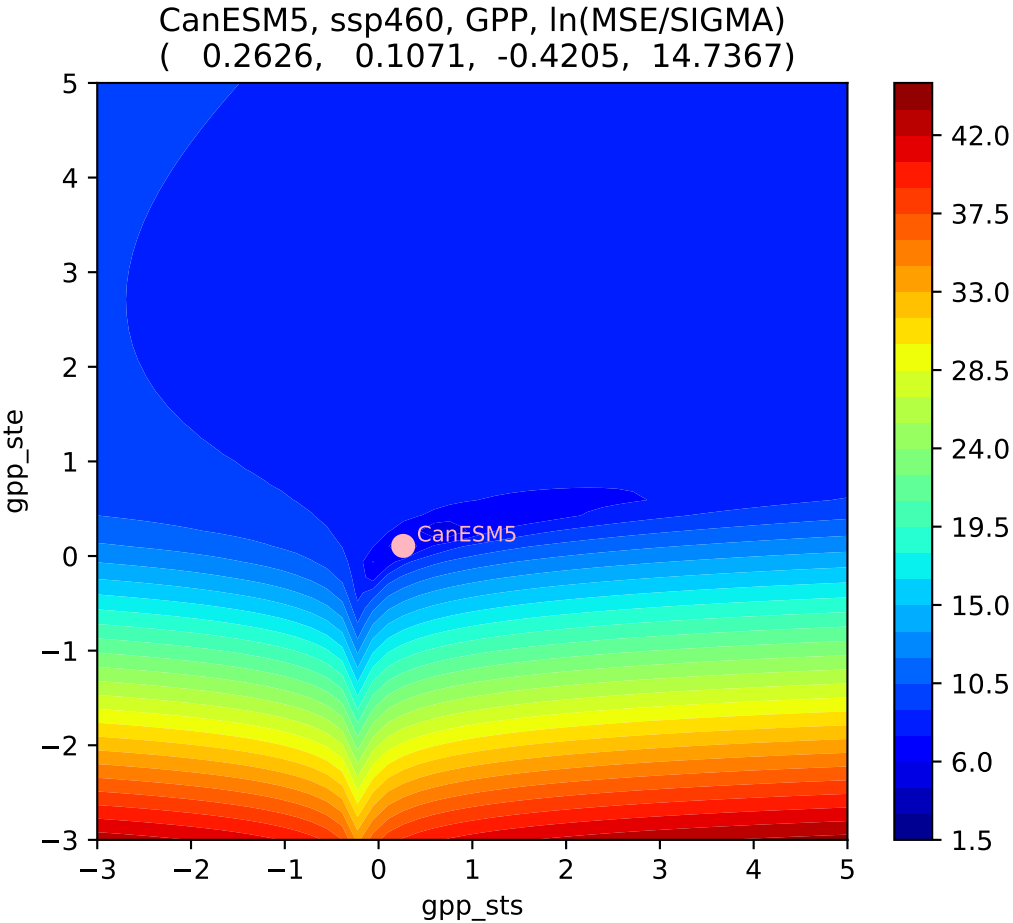

CanESM5, ssp460, GPP
ESM-Fit
GPP, ESM - FIT
Year

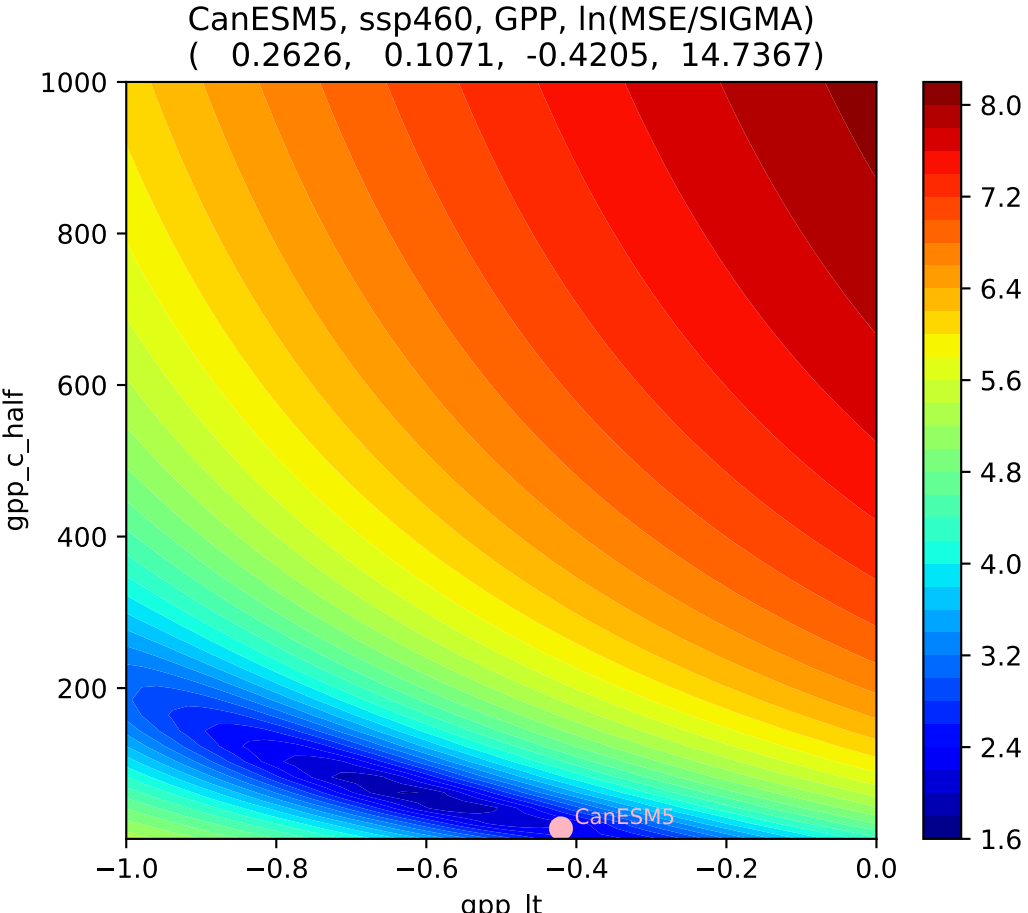

CanESM5, ssp460, GPP
ESM
Fit
GPP
ΔT

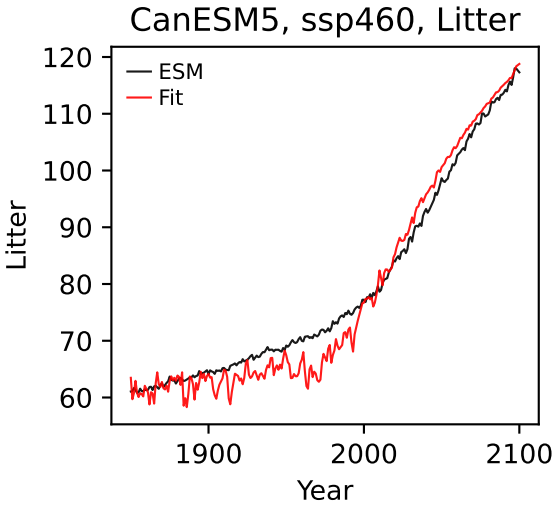

CanESM5, ssp460, GPP
ESM-Fit
GPP, ESM - FIT
ΔT

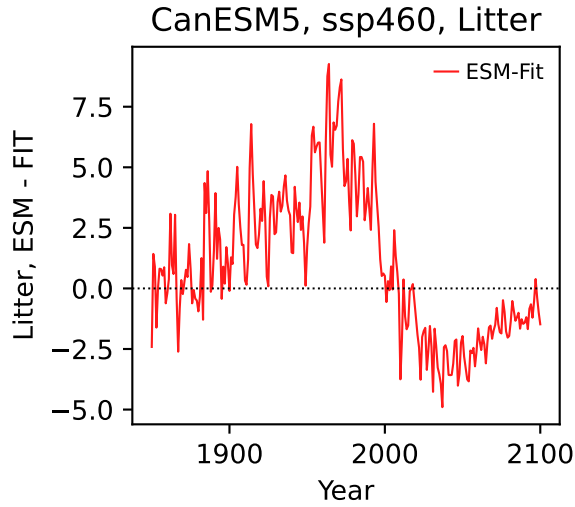

CanESM5, ssp460, GPP
ESM
Fit
GPP
c_atm

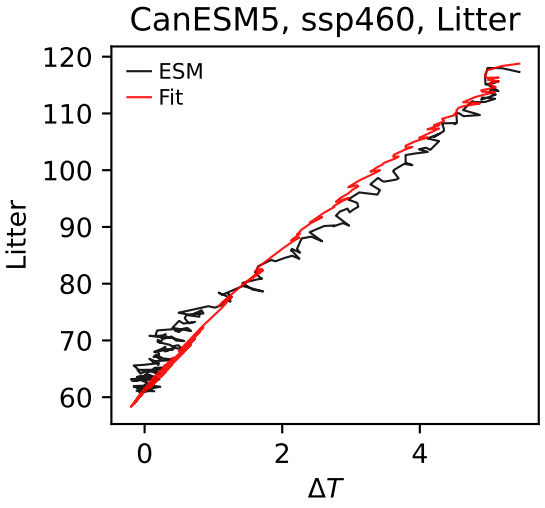

CanESM5, ssp460, GPP
ESM-Fit
GPP, ESM - FIT
c_atm

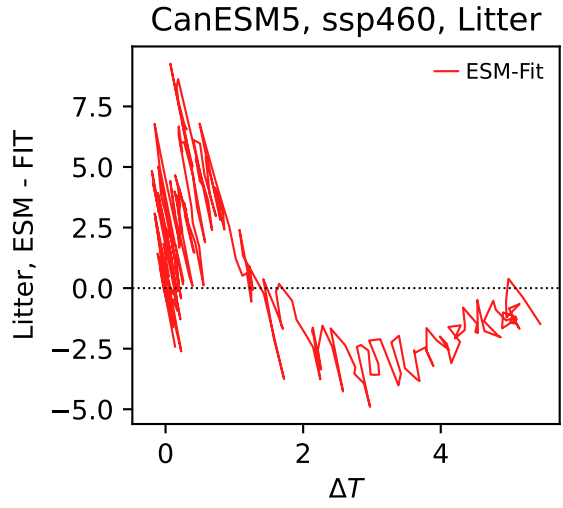

CanESM5, ssp460, GPP, ln(MSE/SIGMA)
(0.2626, 0.1071, -0.4205, 14.7367)
CanESM5
gpp_ste
gpp_sts
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
42.0
37.5
33.0
28.5
24.0
19.5
15.0
10.5
6.0
1.5

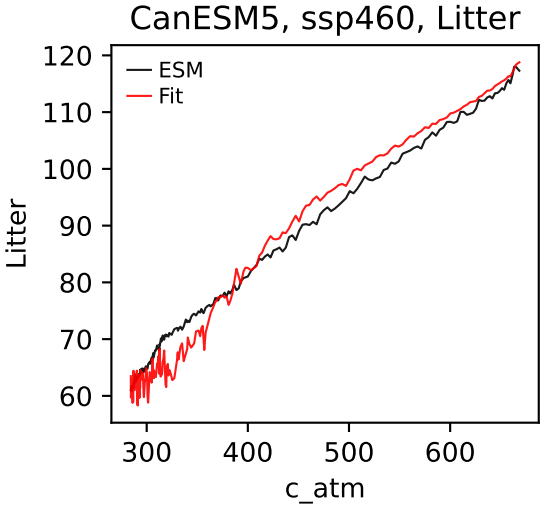

CanESM5, ssp460, GPP, ln(MSE/SIGMA)
(0.2626, 0.1071, -0.4205, 14.7367)
1000
800
600
400
200
gpp_c_half
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
gpp_lt
CanESM5
8.0
7.2
6.4
5.6
4.8
4.0
3.2
2.4
1.6

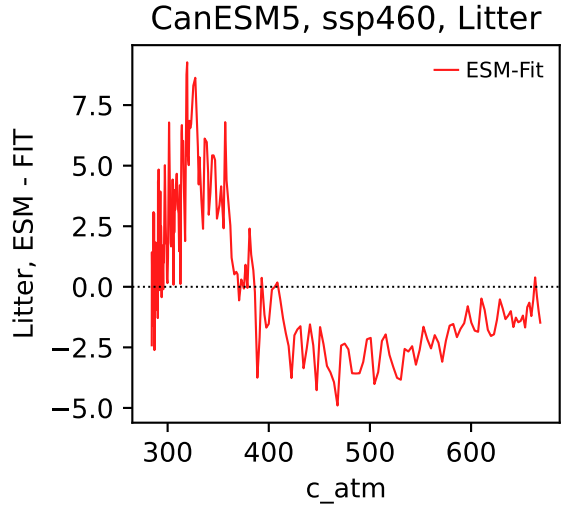

CanESM5, ssp460, Litter
ESM
Fit
Litter
Year

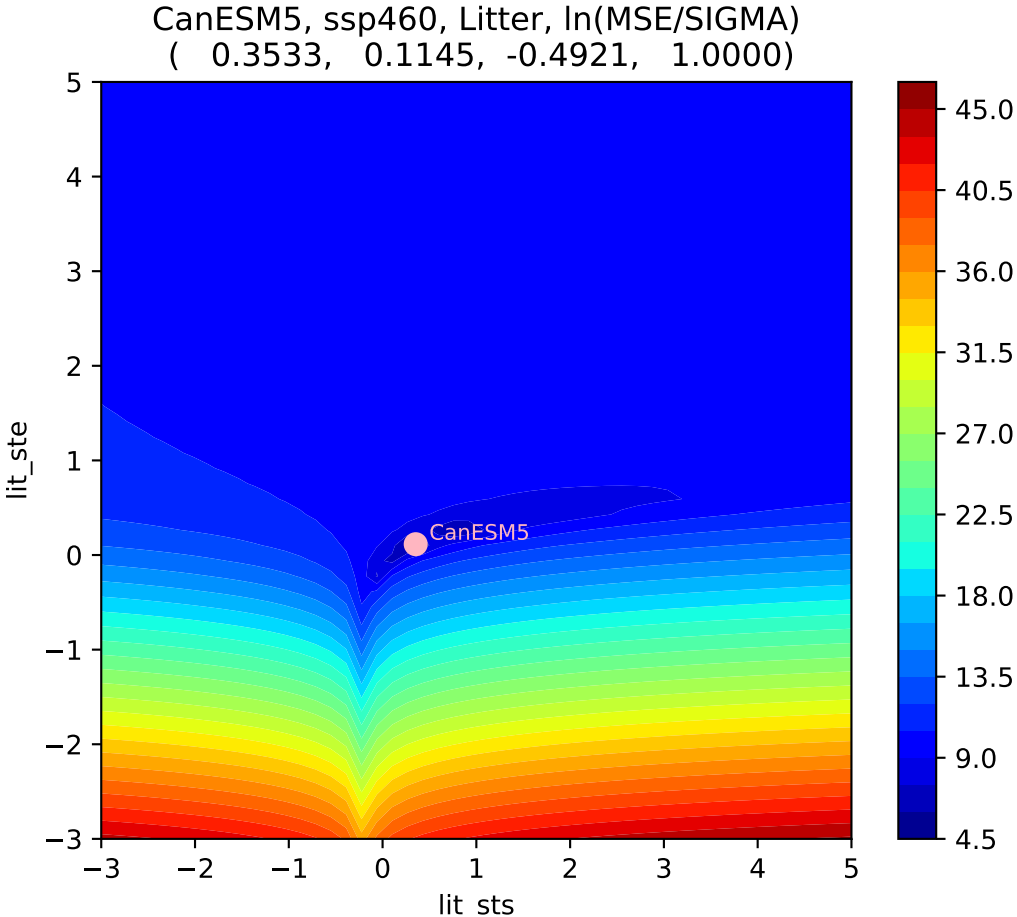

CanESM5, ssp460, Litter
ESM-Fit
Litter, ESM - FIT
Year

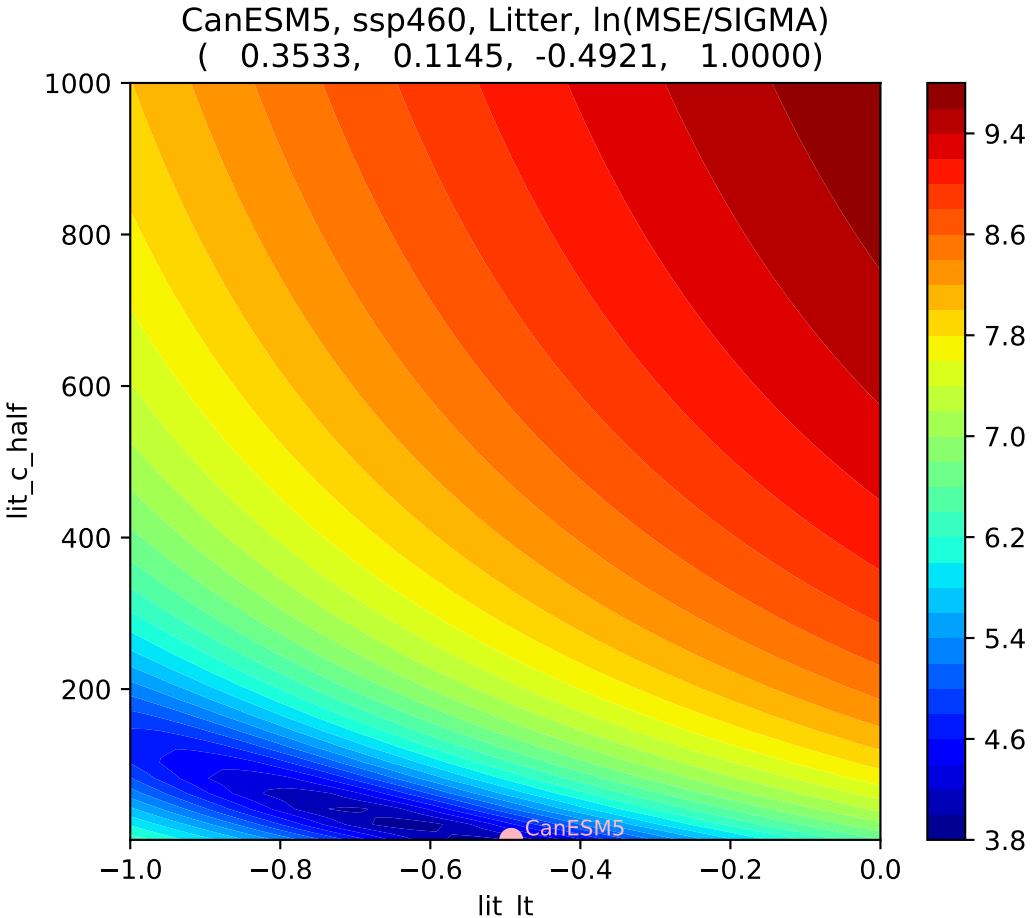

CanESM5, ssp460, Litter
ESM
Fit
Litter
ΔT

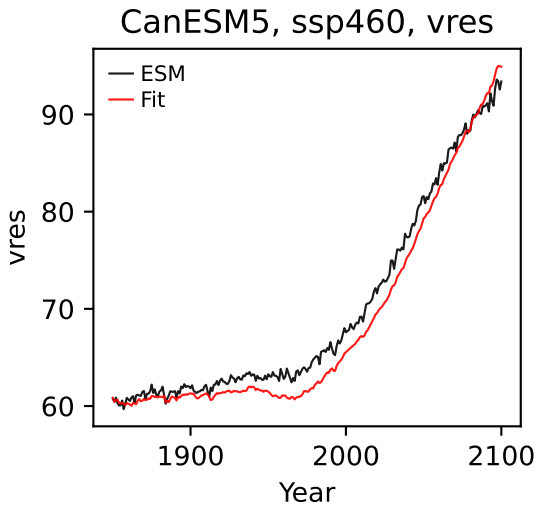

CanESM5, ssp460, Litter
ESM-Fit
Litter, ESM - FIT
ΔT

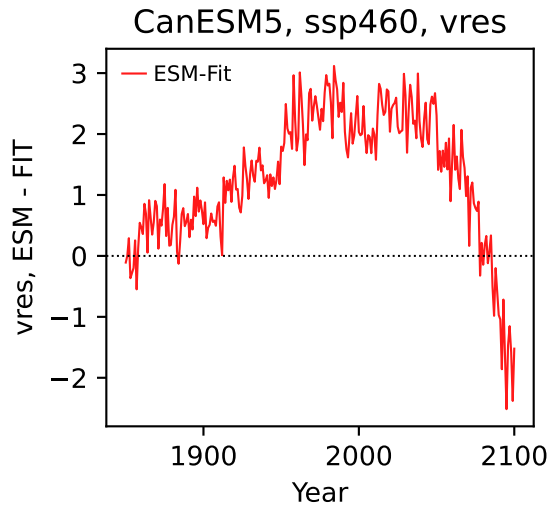

CanESM5, ssp460, Litter
ESM
Fit
Litter
c_atm

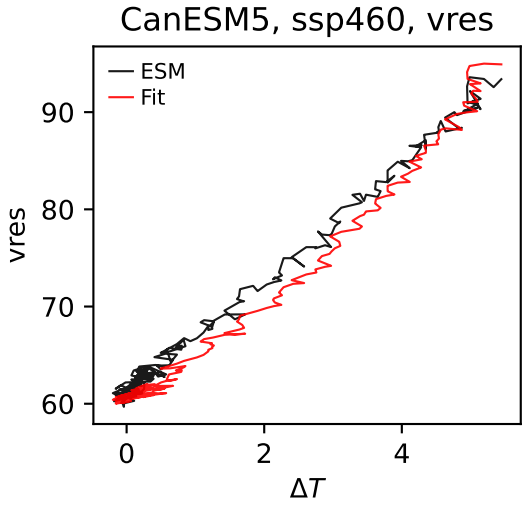

CanESM5, ssp460, Litter
ESM-Fit
Litter, ESM - FIT
c_atm

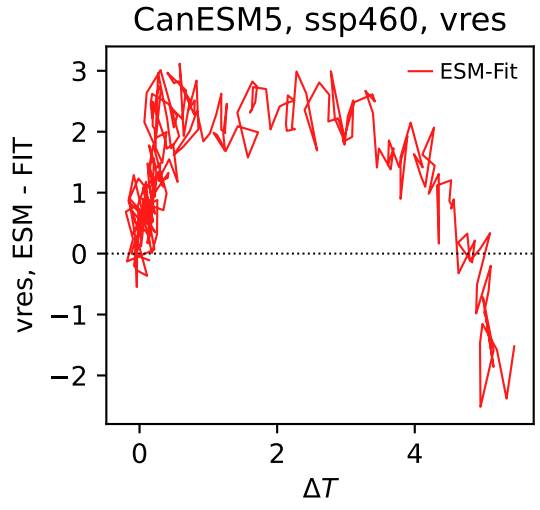

CanESM5, ssp460, Litter, ln(MSE/SIGMA)
(0.3533, 0.1145, -0.4921, 1.0000)
CanESM5
lit_ste
lit_sts
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
45.0
40.5
36.0
31.5
27.0
22.5
18.0
13.5
9.0
4.5

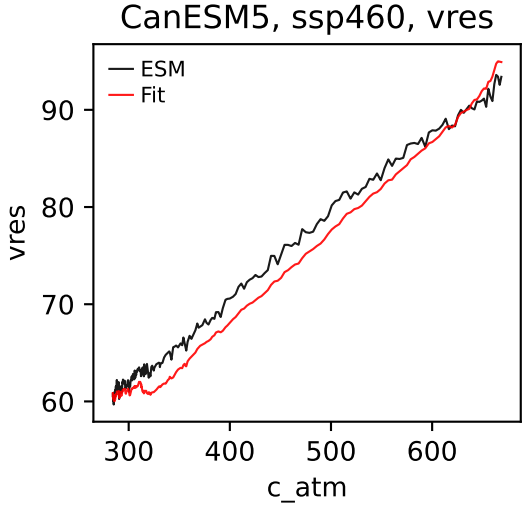

CanESM5, ssp460, Litter, ln(MSE/SIGMA)
(0.3533, 0.1145, -0.4921, 1.0000)
1000
800
600
400
200
lit_c_half
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
lit_lt
CanESM5
9.4
8.6
7.8
7.0
6.2
5.4
4.6
3.8

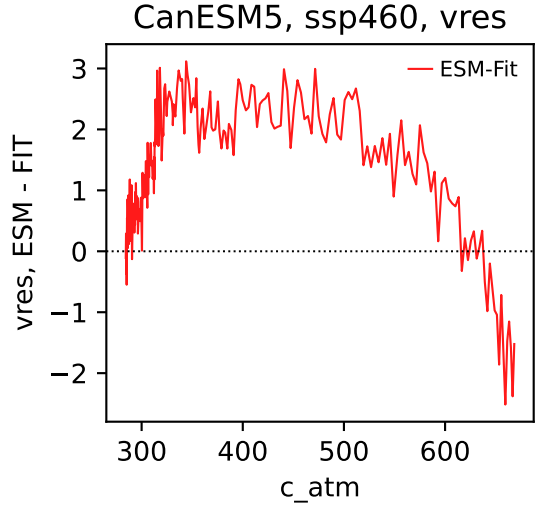

CanESM5, ssp460, vres
ESM
Fit
vres
Year

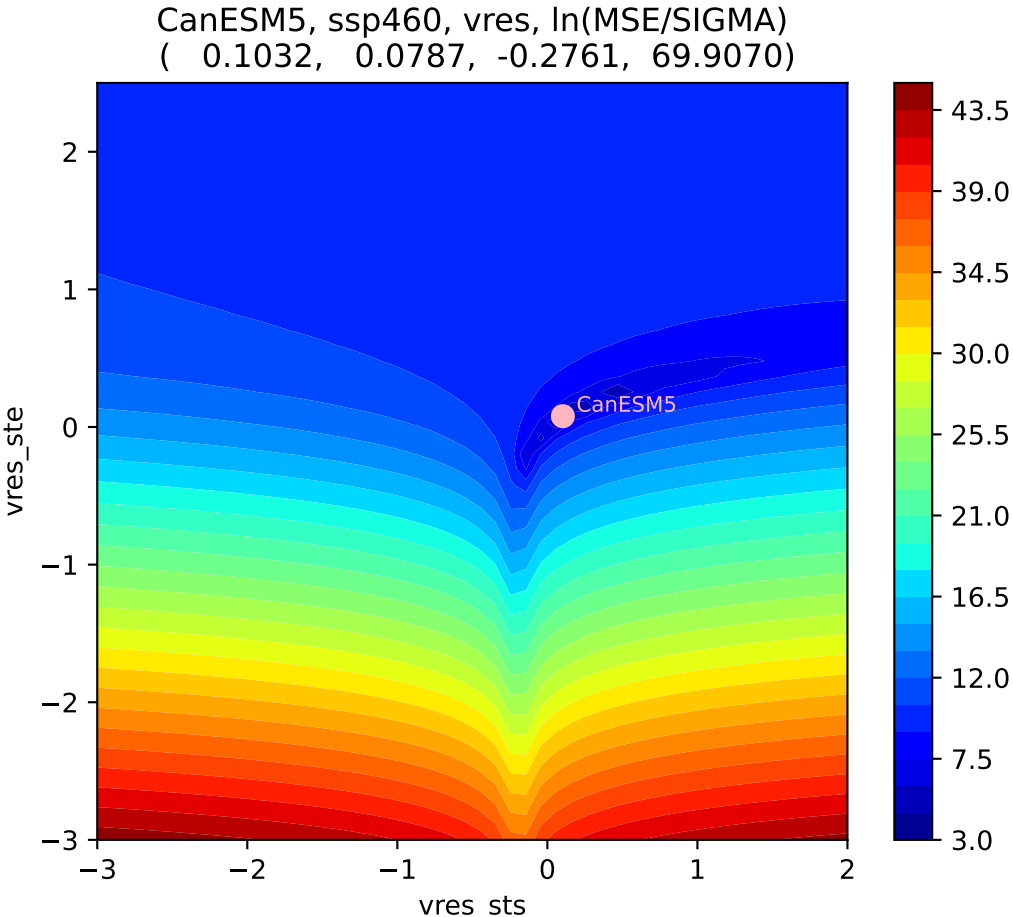

CanESM5, ssp460, vres
ESM-Fit
vres, ESM - FIT
Year

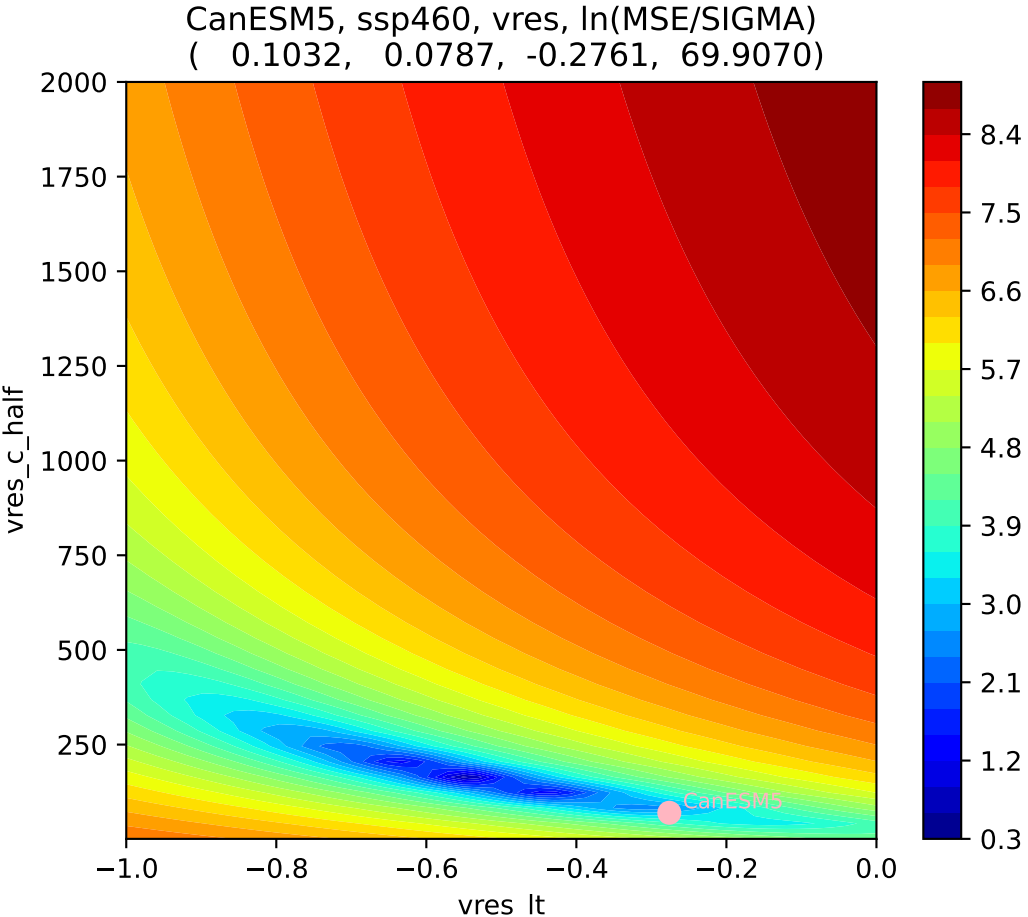

CanESM5, ssp460, vres
ESM
Fit
vres
ΔT

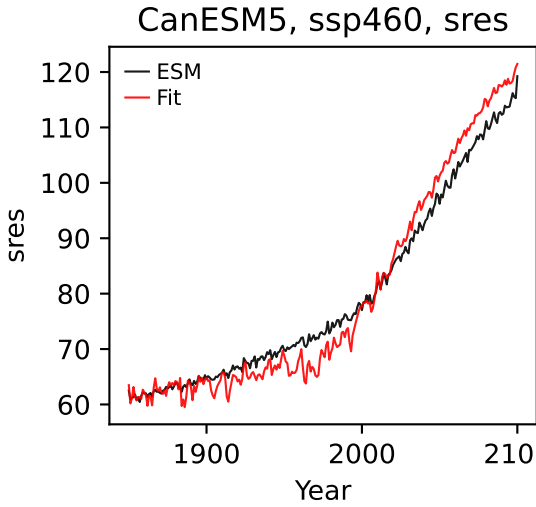

CanESM5, ssp460, vres
ESM-Fit
vres, ESM - FIT
ΔT

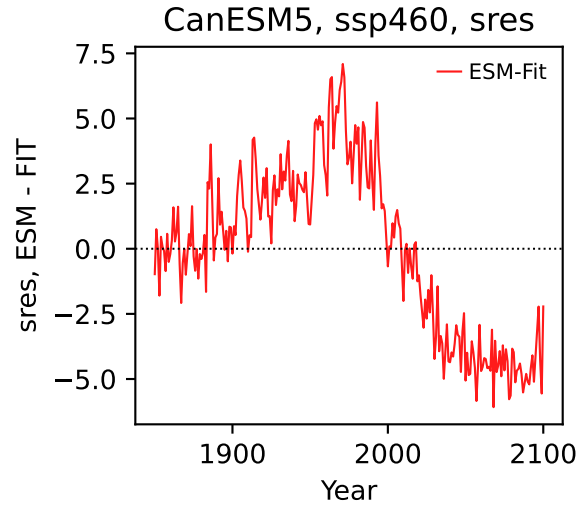

CanESM5, ssp460, vres
ESM
Fit
vres
c_atm

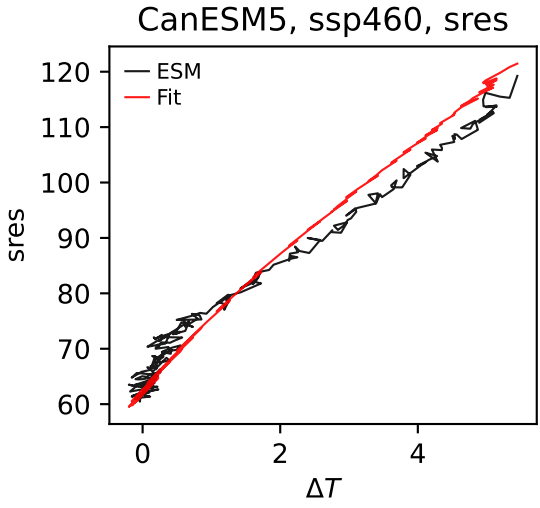

CanESM5, ssp460, vres
ESM-Fit
vres, ESM - FIT
c_atm

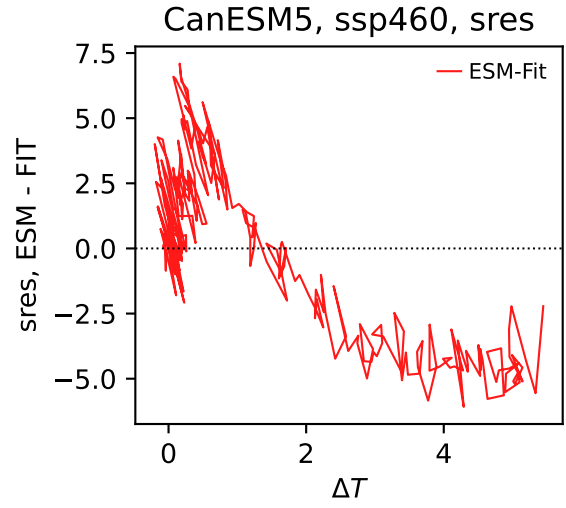

CanESM5, ssp460, vres, ln(MSE/SIGMA)
(0.1032, 0.0787, -0.2761, 69.9070)
CanESM5
vres_ste
vres_sts
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
43.5
39.0
34.5
30.0
25.5
21.0
16.5
12.0
7.5
3.0

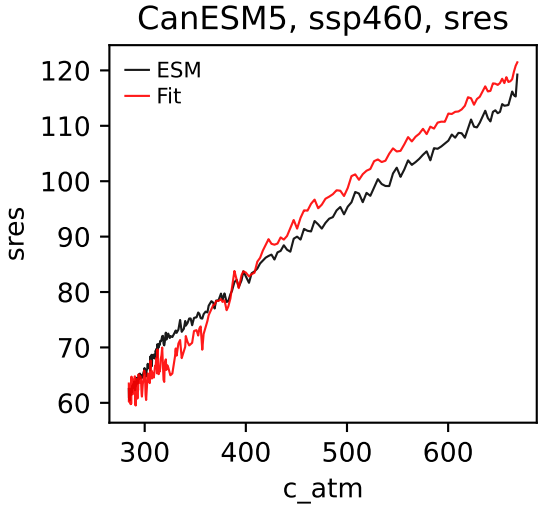

CanESM5, ssp460, vres, ln(MSE/SIGMA)
(0.1032, 0.0787, -0.2761, 69.9070)
2000
1750
1500
1250
1000
750
500
250
vres_c_half
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
vres_lt
CanESM5
8.4
7.5
6.6
5.7
4.8
3.9
3.0
2.1
1.2
0.3

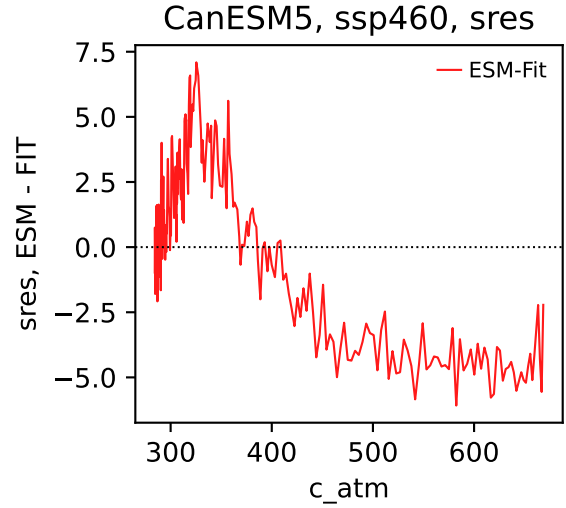

CanESM5, ssp460, sres
ESM
Fit
sres
Year

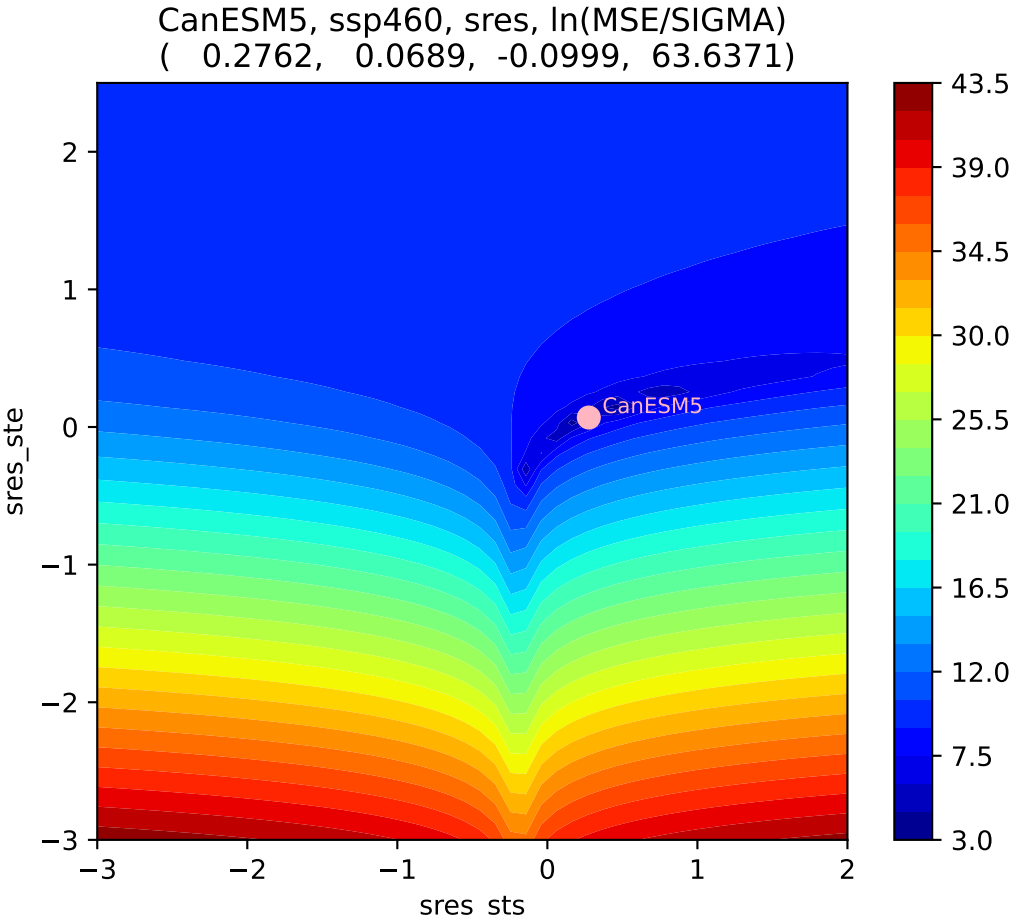

CanESM5, ssp460, sres
ESM-Fit
sres, ESM - FIT
Year

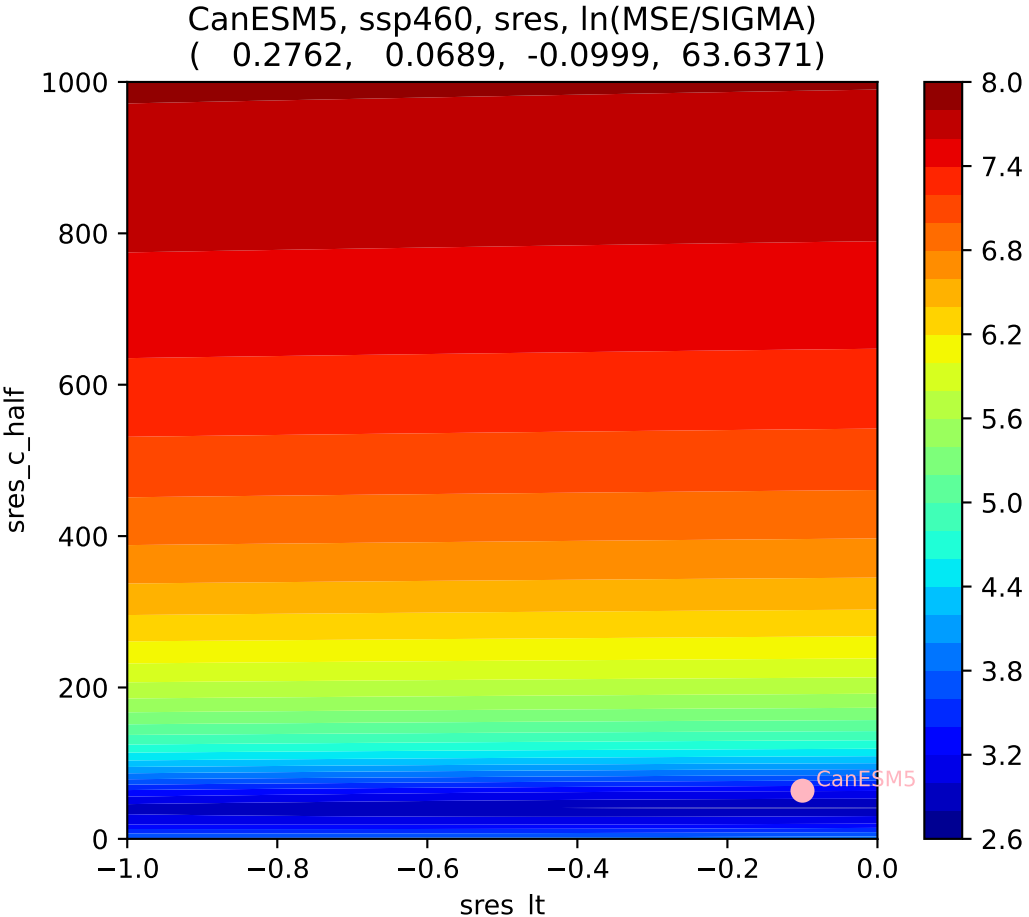

CanESM5, ssp460, sres
ESM
Fit
sres
ΔT

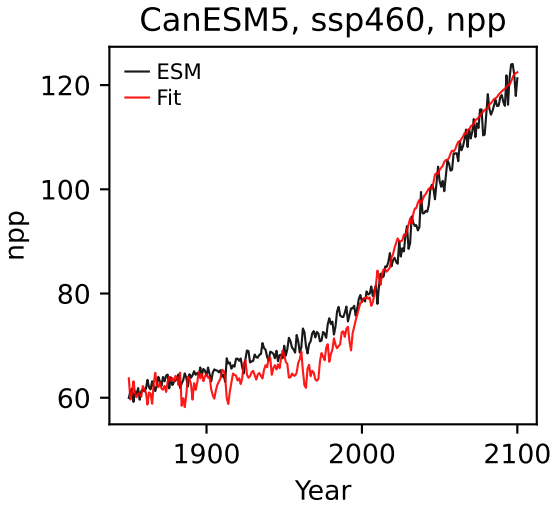

CanESM5, ssp460, sres
ESM-Fit
sres, ESM - FIT
ΔT

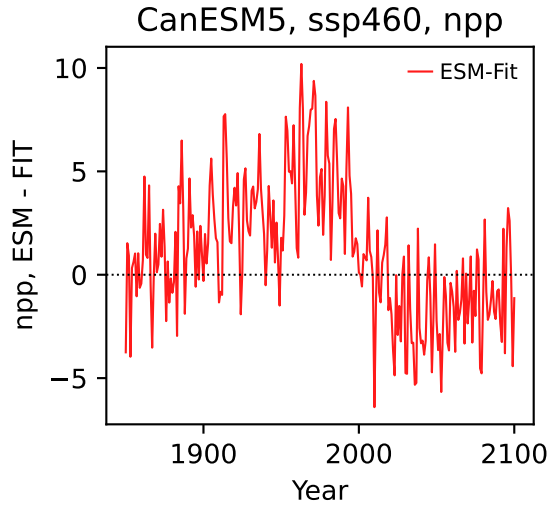

CanESM5, ssp460, sres
ESM
Fit
sres
c_atm

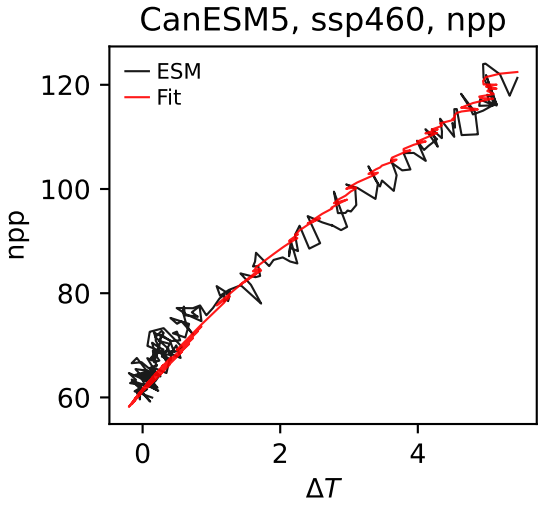

CanESM5, ssp460, sres
ESM-Fit
sres, ESM - FIT
c_atm

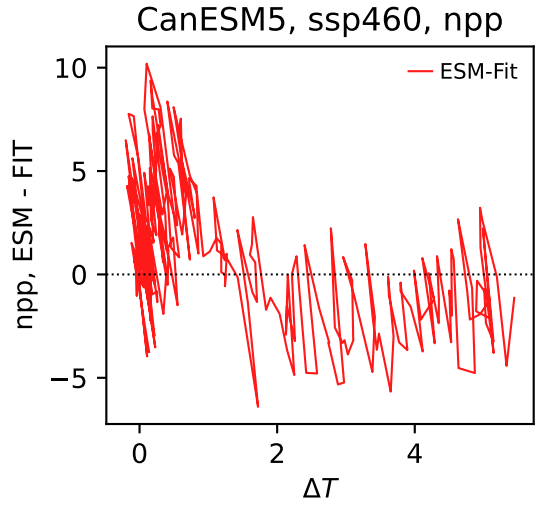

CanESM5, ssp460, sres, ln(MSE/SIGMA)
(0.2762, 0.0689, -0.0999, 63.6371)
CanESM5
sres_ste
sres_sts
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
43.5
39.0
34.5
30.0
25.5
21.0
16.5
12.0
7.5
3.0

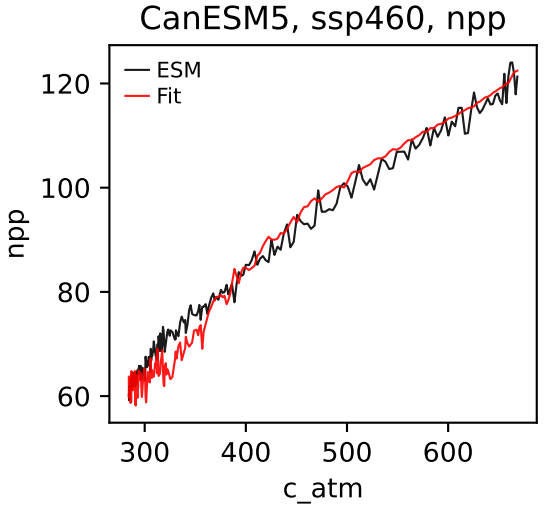

CanESM5, ssp460, sres, ln(MSE/SIGMA)
(0.2762, 0.0689, -0.0999, 63.6371)
1000
800
600
400
200
0
sres_c_half
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
sres_lt
CanESM5
8.0
7.4
6.8
6.2
5.6
5.0
4.4
3.8
3.2
2.6

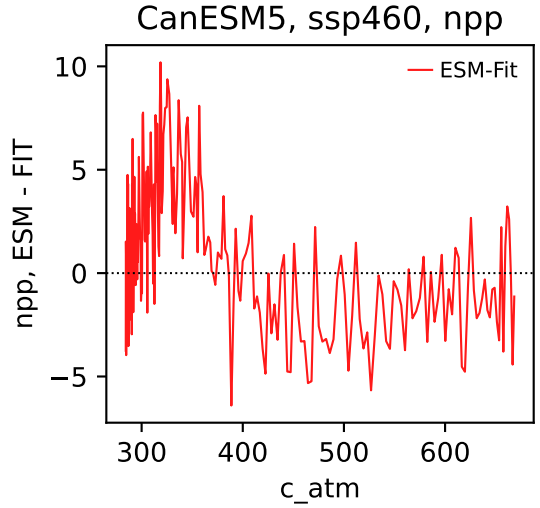

CanESM5, ssp460, npp
ESM
Fit
npp
Year
120
100
80
60
1900
2000
2100

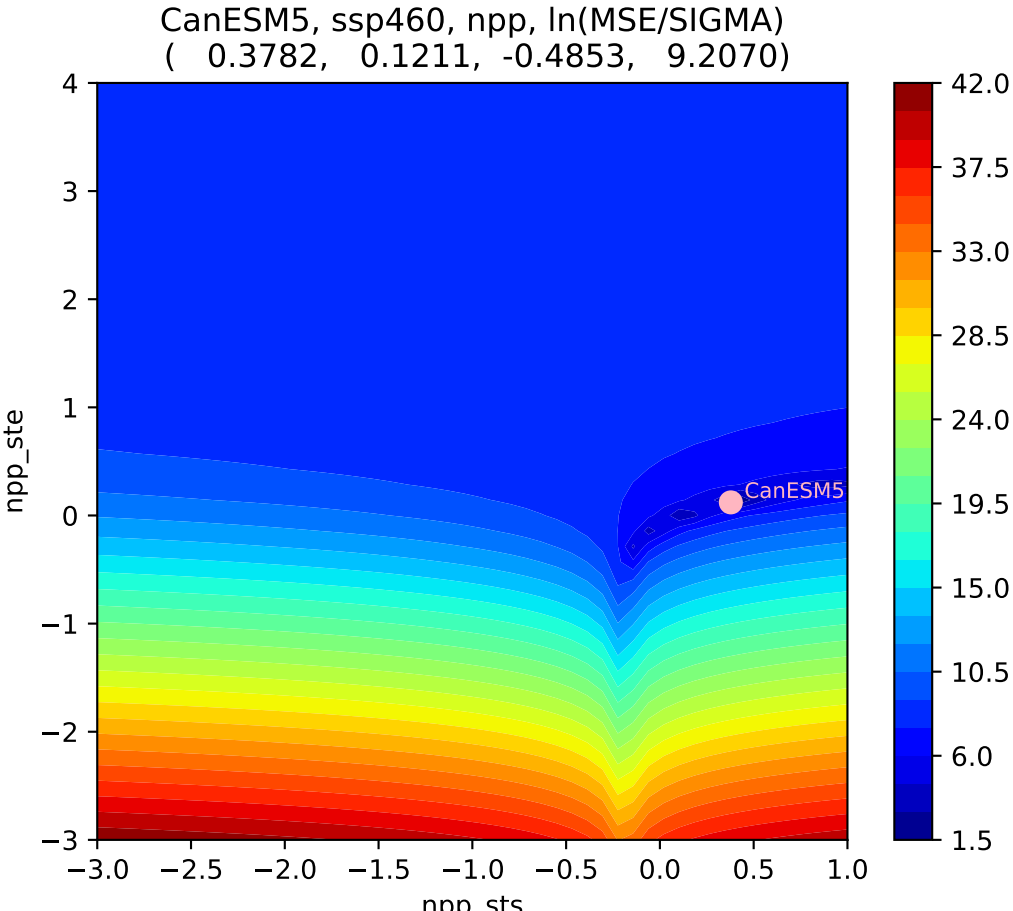

CanESM5, ssp460, npp
ESM-Fit
npp, ESM - FIT
Year
10
5
0
−5
1900
2000
2100

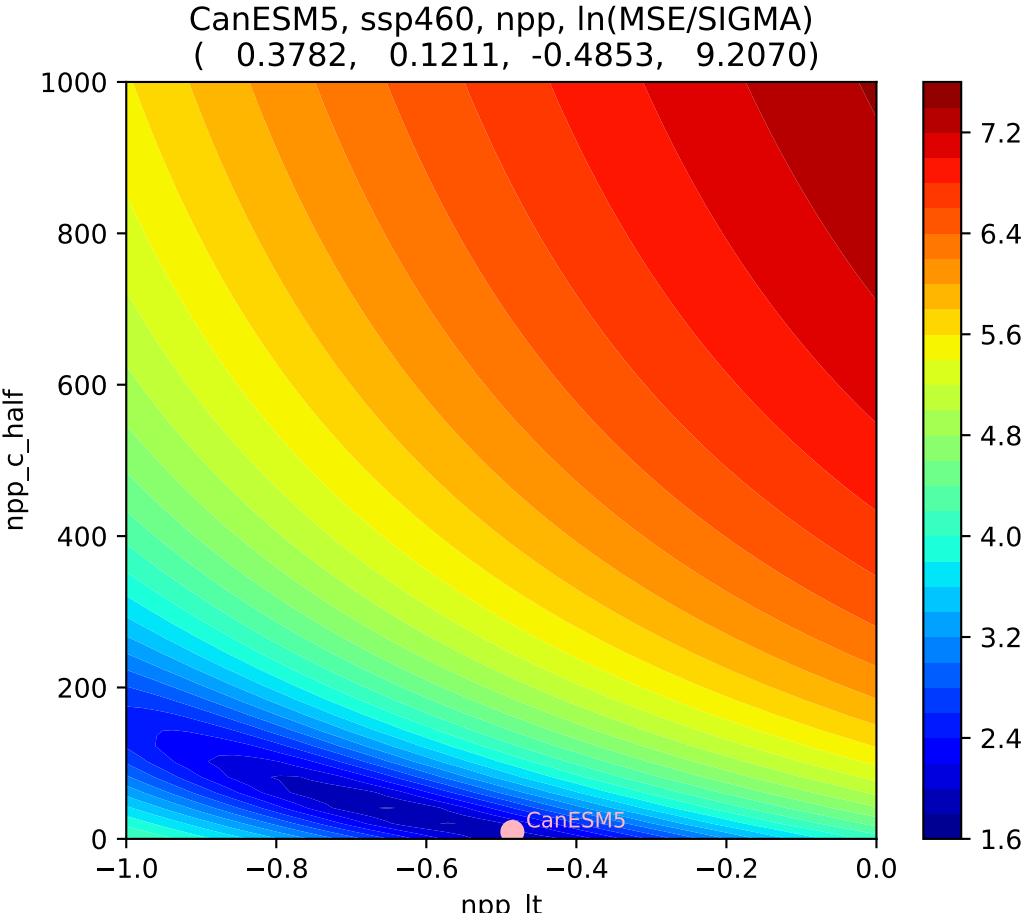

CanESM5, ssp460, npp
ESM
Fit
npp
ΔT
120
100
80
60
0
2
4

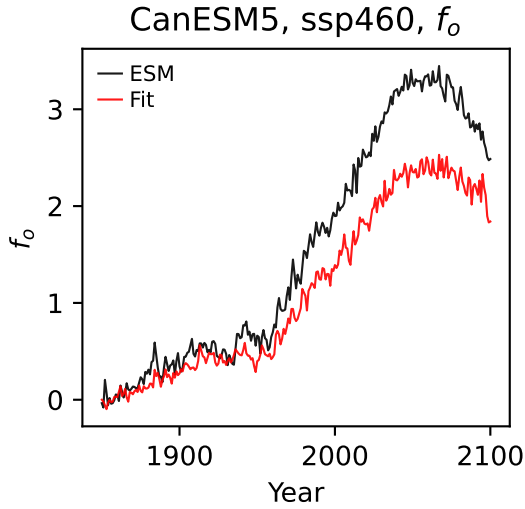

CanESM5, ssp460, npp
ESM-Fit
npp, ESM - FIT
ΔT
10
5
0
−5
0
2
4

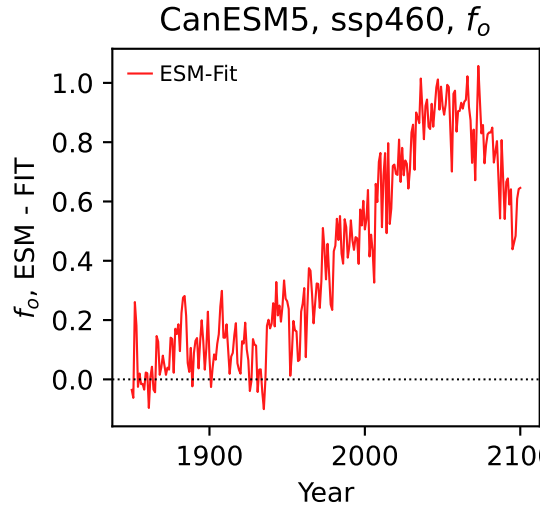

CanESM5, ssp460, npp
ESM
Fit
npp
c_atm
120
100
80
60
300
400
500
600

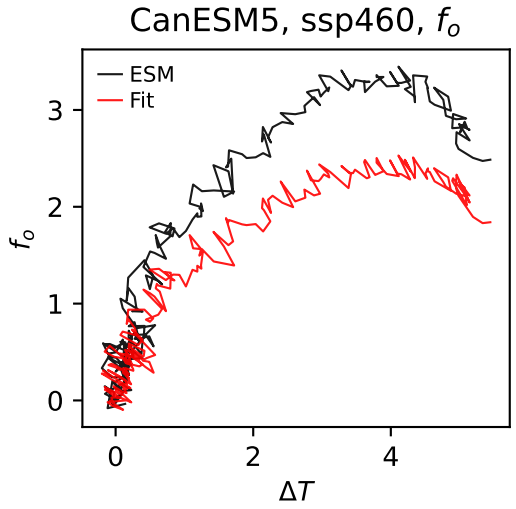

CanESM5, ssp460, npp
ESM-Fit
npp, ESM - FIT
c_atm
10
5
0
−5
300
400
500
600

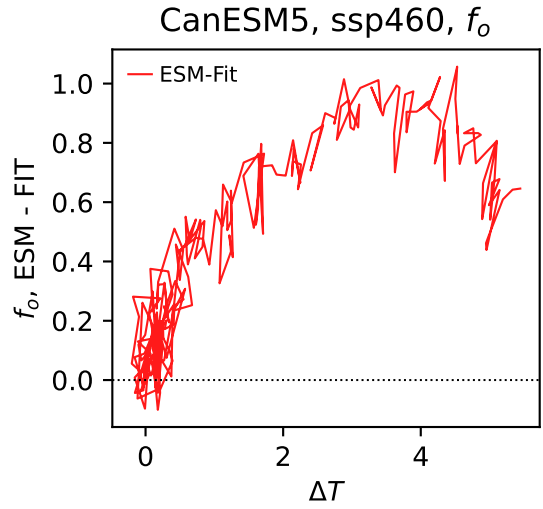

CanESM5, ssp460, npp, ln(MSE/SIGMA)
(0.3782, 0.1211, -0.4853, 9.2070)
CanESM5
npp_ste
npp_sts
4
3
2
1
0
−1
−2
−3
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
42.0
37.5
33.0
28.5
24.0
19.5
15.0
10.5
6.0
1.5

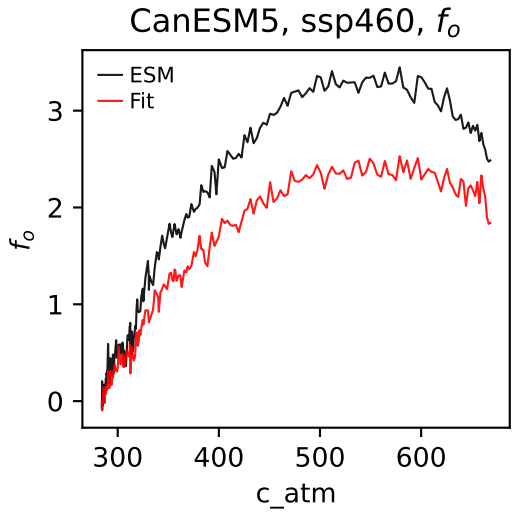

CanESM5, ssp460, npp, ln(MSE/SIGMA)
(0.3782, 0.1211, -0.4853, 9.2070)
1000
800
600
400
200
0
npp_c_half
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
npp_lt
CanESM5
7.2
6.4
5.6
4.8
4.0
3.2
2.4
1.6

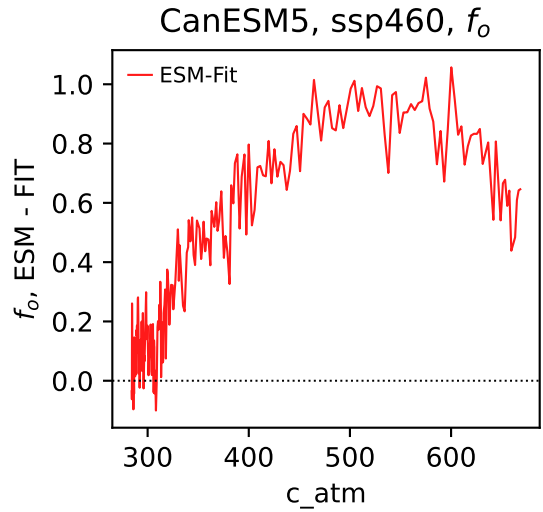

CanESM5, ssp460, f_o
ESM
Fit
f_o
Year

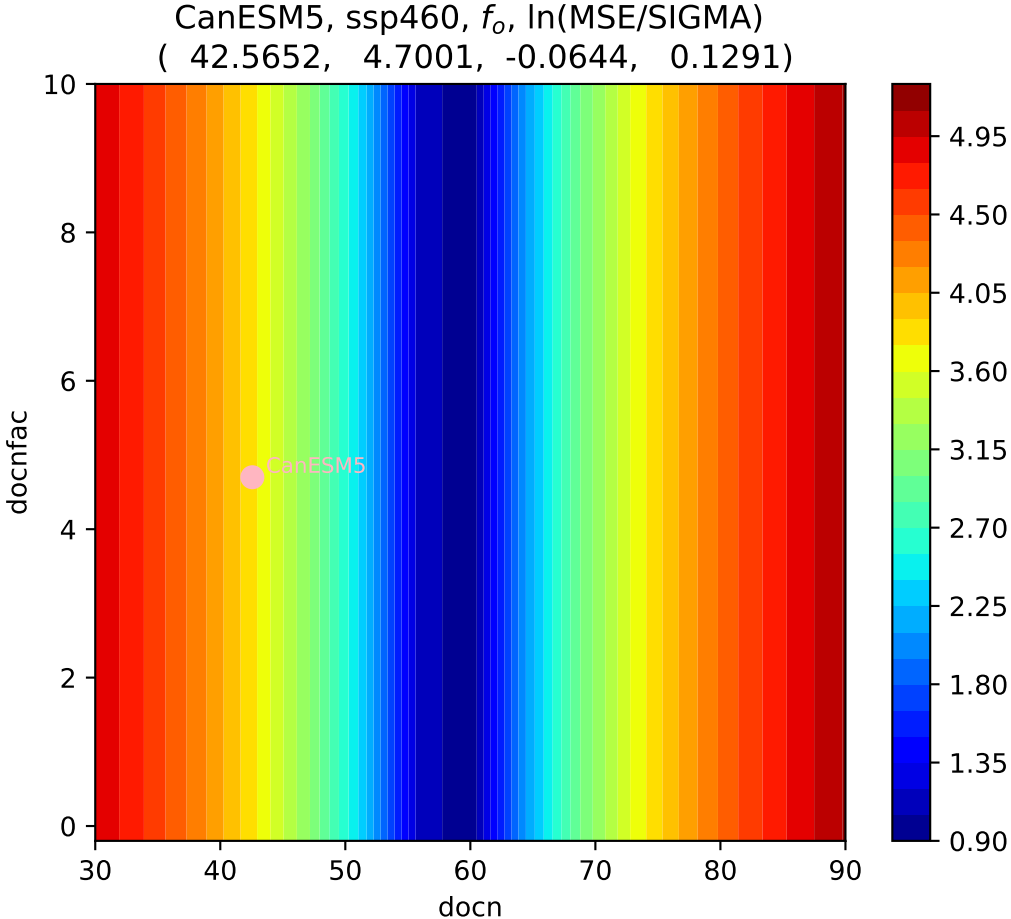

CanESM5, ssp460, f_o
ESM-Fit
f_o, ESM - FIT
Year

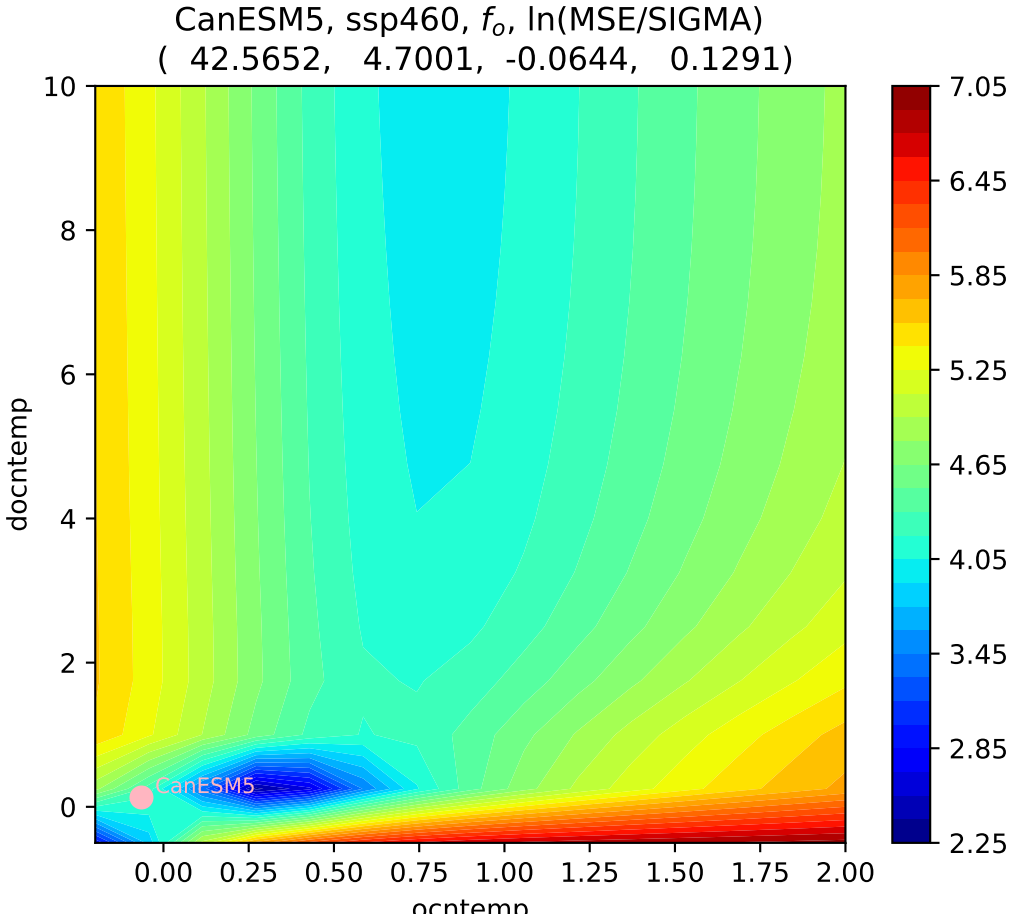

CanESM5, ssp460, f_o
ESM
Fit
f_o
ΔT


CanESM5, ssp460, f_o
ESM-Fit
f_o, ESM - FIT
ΔT


CanESM5, ssp460, f_o
ESM
Fit
f_o
c_atm


CanESM5, ssp460, f_o
ESM-Fit
f_o, ESM - FIT
c_atm


CanESM5, ssp460, f_o, ln(MSE/SIGMA)
(42.5652, 4.7001, -0.0644, 0.1291)
CanESM5
docnfac
docn
0
2
4
6
8
10
30
40
50
60
70
80
90
4.95
4.50
4.05
3.60
3.15
2.70
2.25
1.80
1.35
0.90


CanESM5, ssp460, f_o, ln(MSE/SIGMA)
(42.5652, 4.7001, -0.0644, 0.1291)
docntemp
ocntemp
CanESM5
10
8
6
4
2
0
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
7.05
6.45
5.85
5.25
4.65
4.05
3.45
2.85
2.25