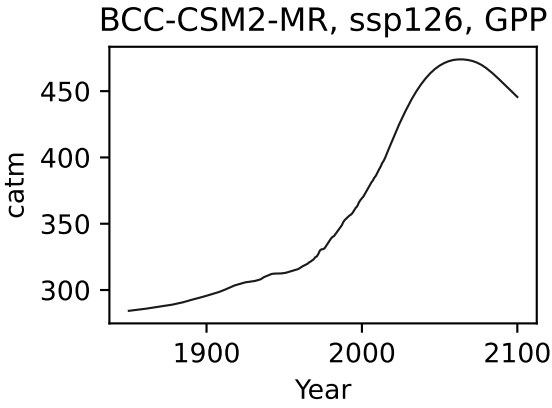
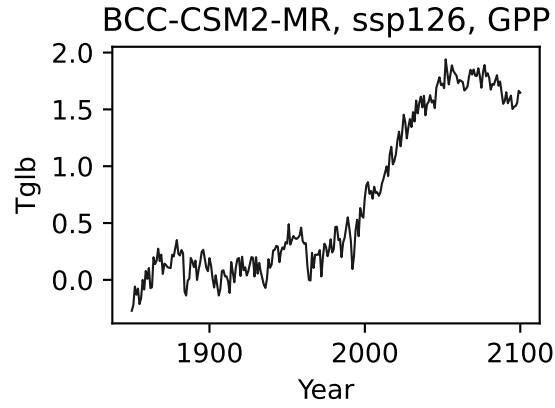
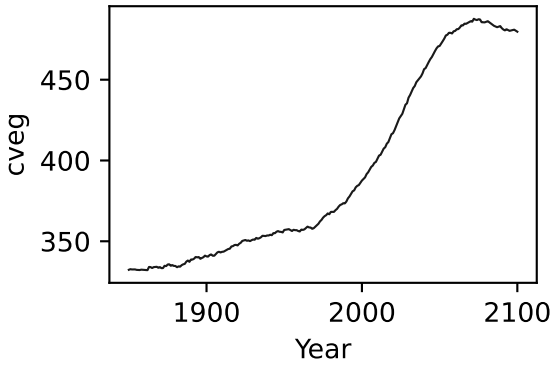
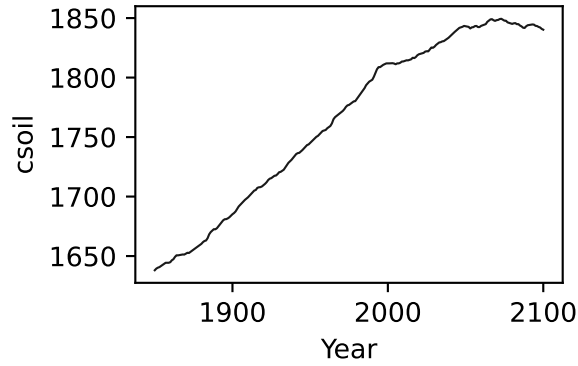
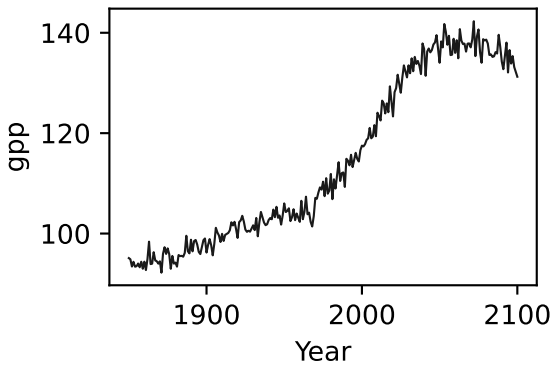
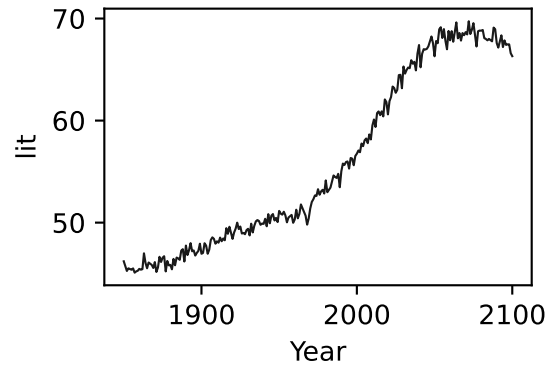

BCC-CSM2-MR, ssp126, GPP
catm
450
400
350
300
1900
2000
2100
Year

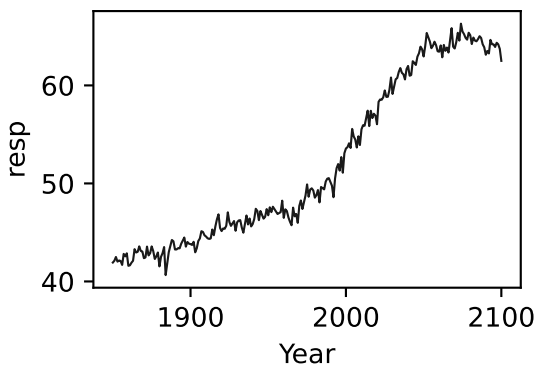

BCC-CSM2-MR, ssp126, GPP
Tglb
2.0
1.5
1.0
0.5
0.0
1900
2000
2100
Year

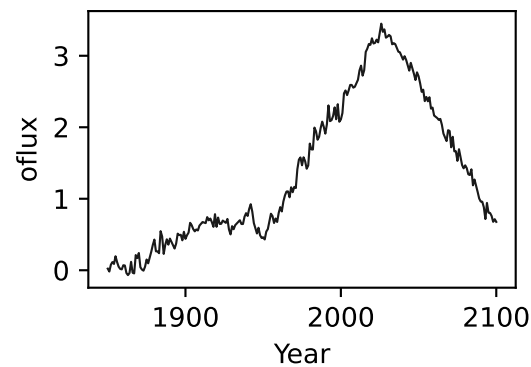

cveg
450
400
350
1900
2000
2100
Year

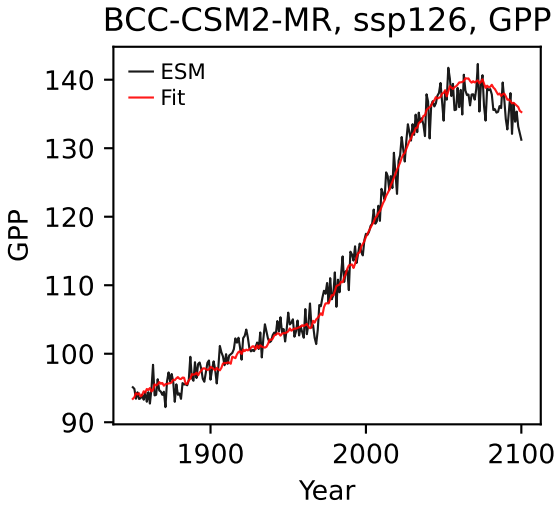

csoil
1850
1800
1750
1700
1650
1900
2000
2100
Year

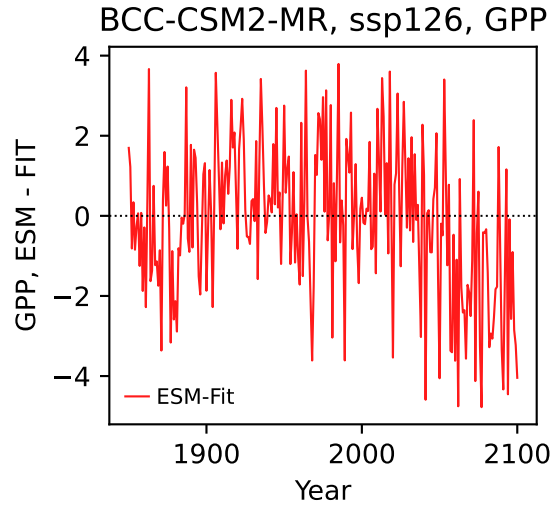

gpp
140
120
100
1900
2000
2100
Year

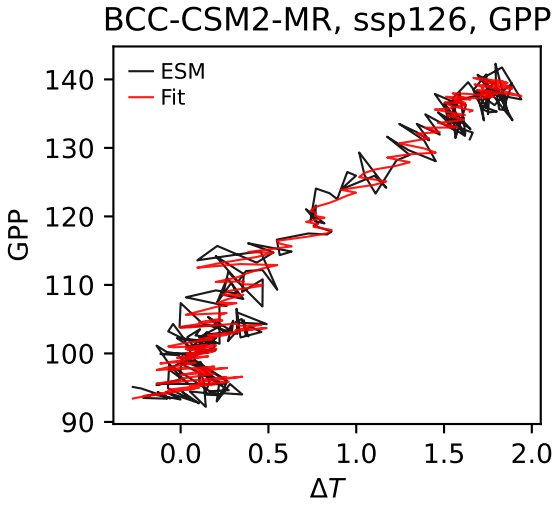

lit
70
60
50
1900
2000
2100
Year

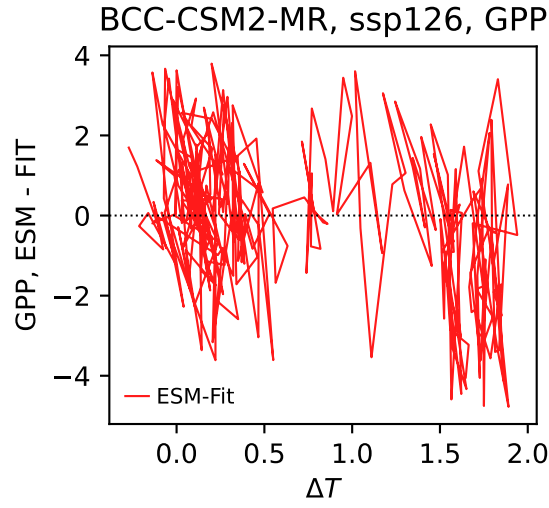

resp
60
50
40
1900
2000
2100
Year

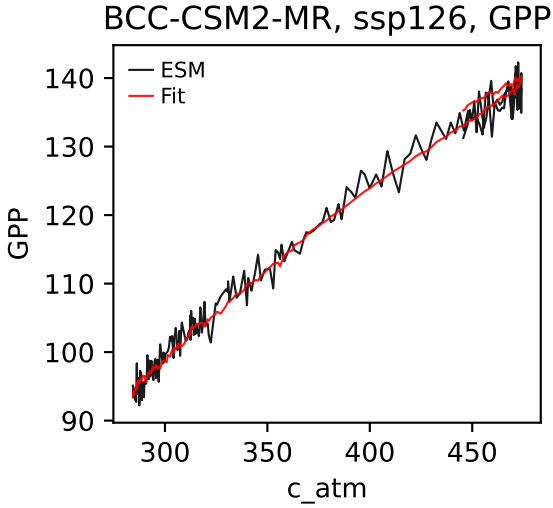

oflux
3
2
1
0
1900
2000
2100
Year

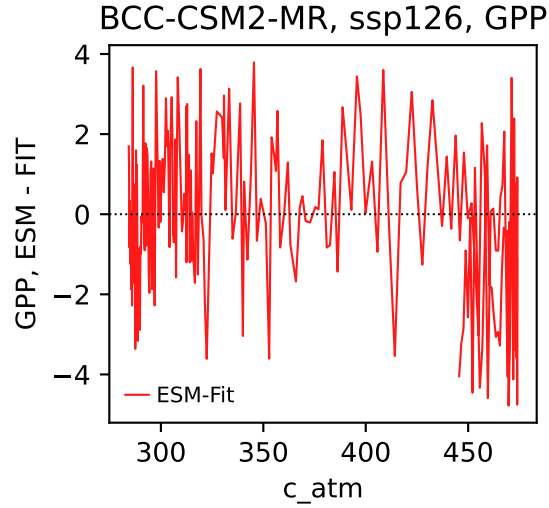

BCC-CSM2-MR, ssp126, GPP
ESM
Fit
GPP
Year

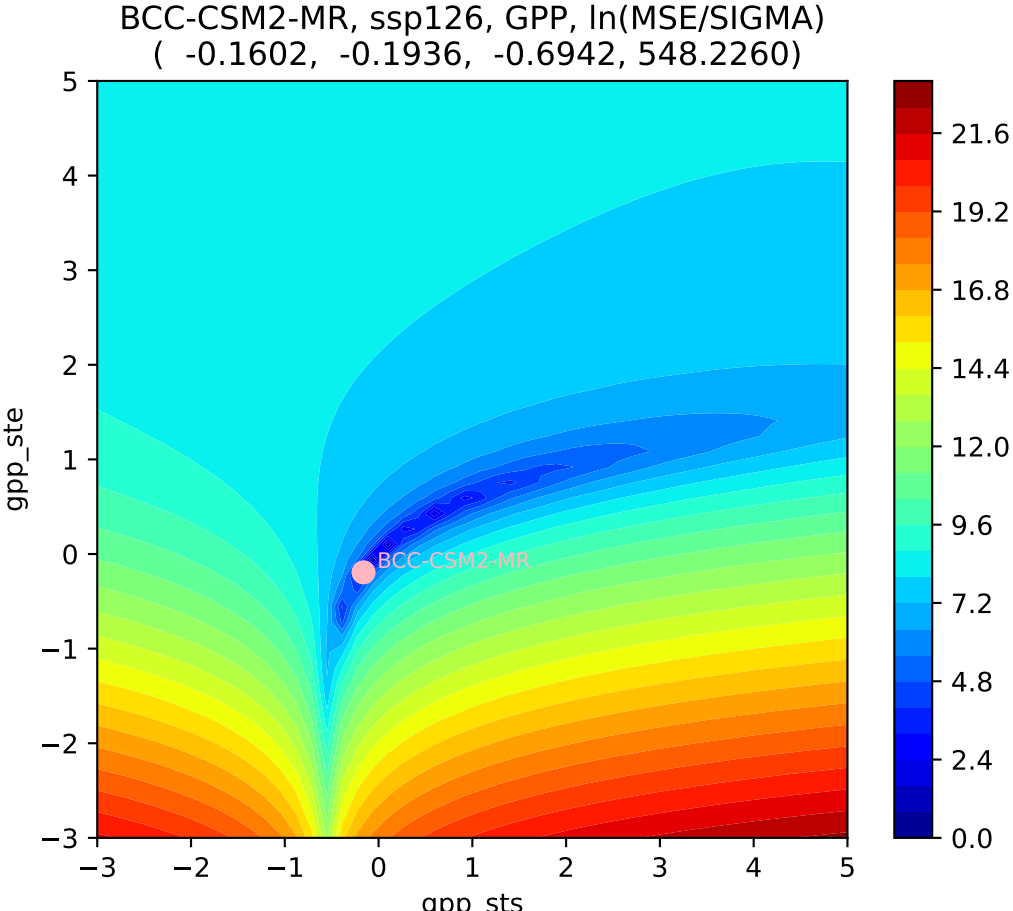

BCC-CSM2-MR, ssp126, GPP
GPP, ESM - FIT
ESM-Fit
Year

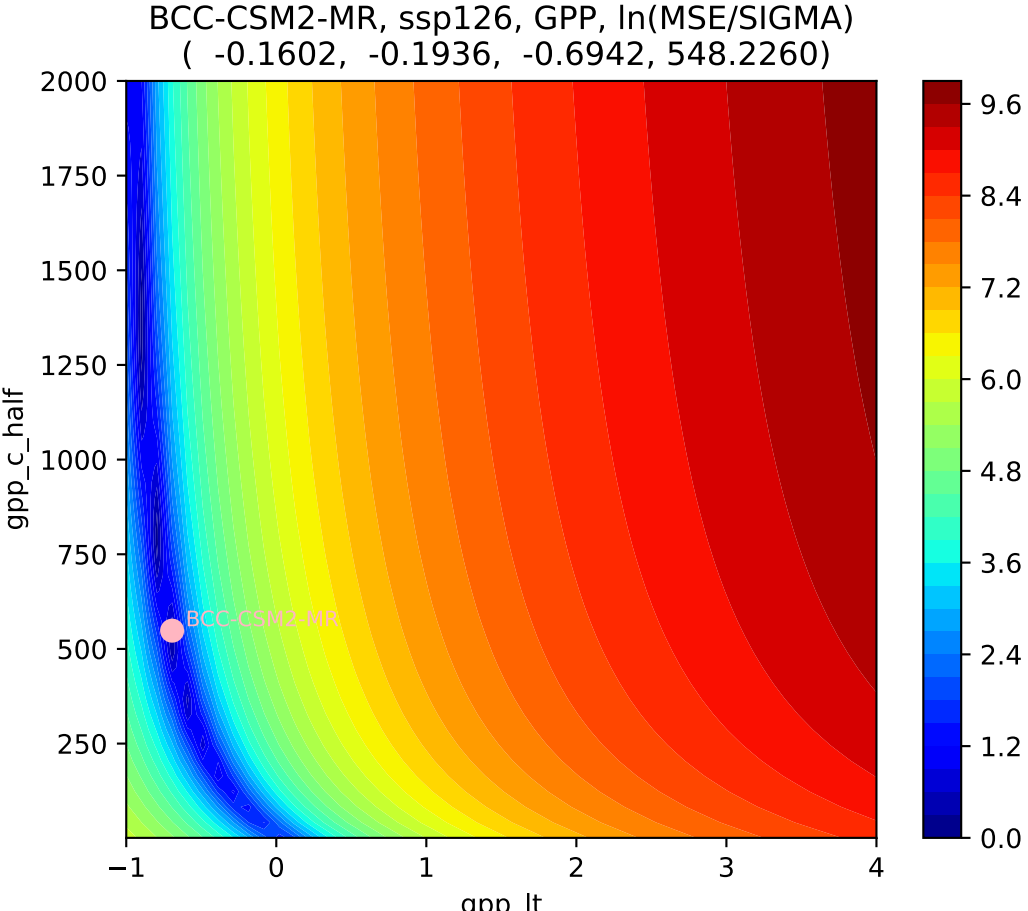

BCC-CSM2-MR, ssp126, GPP
ESM
Fit
GPP
ΔT

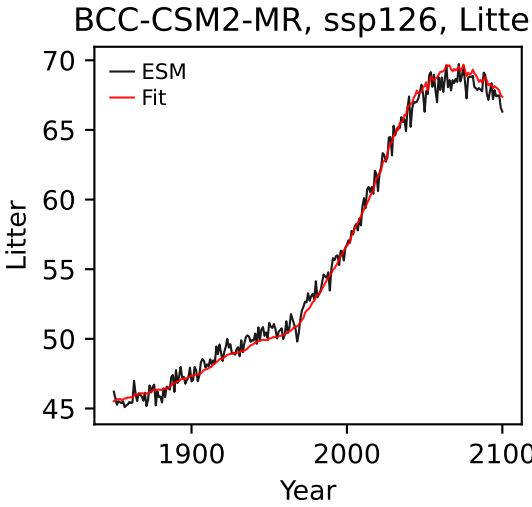

BCC-CSM2-MR, ssp126, GPP
GPP, ESM - FIT
ESM-Fit
ΔT

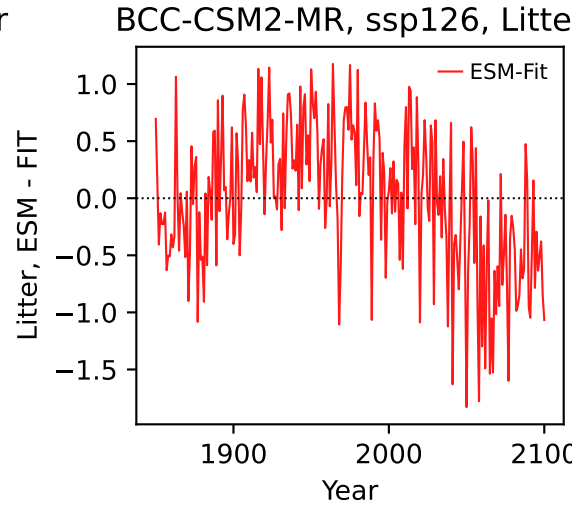

BCC-CSM2-MR, ssp126, GPP
ESM
Fit
GPP
c_atm

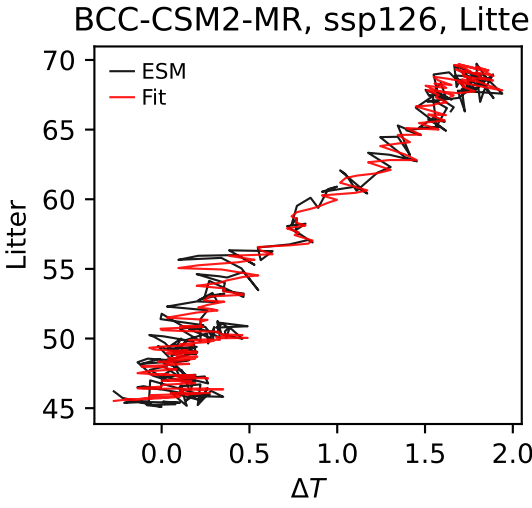

BCC-CSM2-MR, ssp126, GPP
GPP, ESM - FIT
ESM-Fit
c_atm

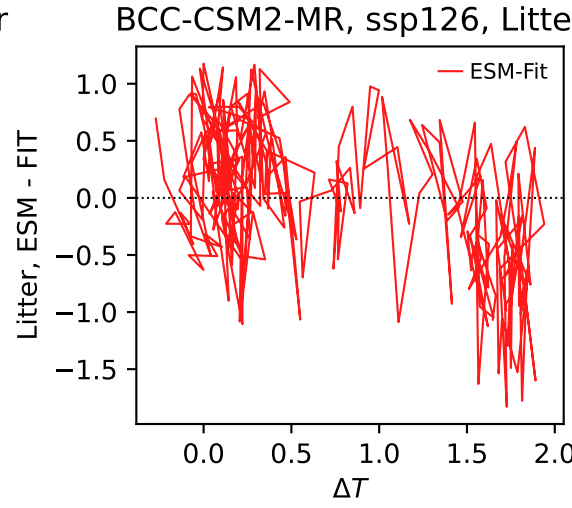

BCC-CSM2-MR, ssp126, GPP, ln(MSE/SIGMA)
(-0.1602, -0.1936, -0.6942, 548.2260)
BCC-CSM2-MR
gpp_ste
gpp_sts
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
21.6
19.2
16.8
14.4
12.0
9.6
7.2
4.8
2.4
0.0

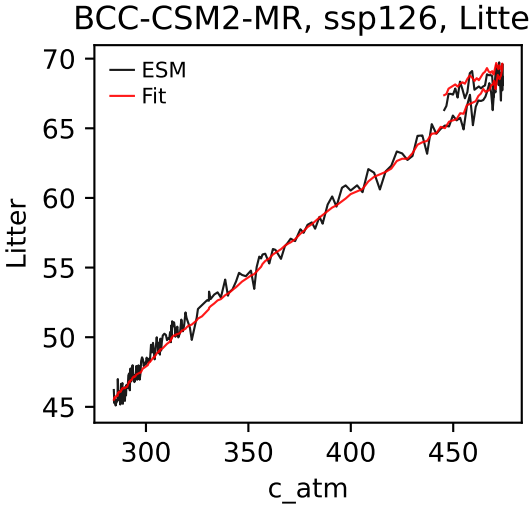

BCC-CSM2-MR, ssp126, GPP, ln(MSE/SIGMA)
(-0.1602, -0.1936, -0.6942, 548.2260)
2000
1750
1500
1250
1000
750
500
250
gpp_c_half
BCC-CSM2-MR
−1
0
1
2
3
4
gpp_lt
9.6
8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0

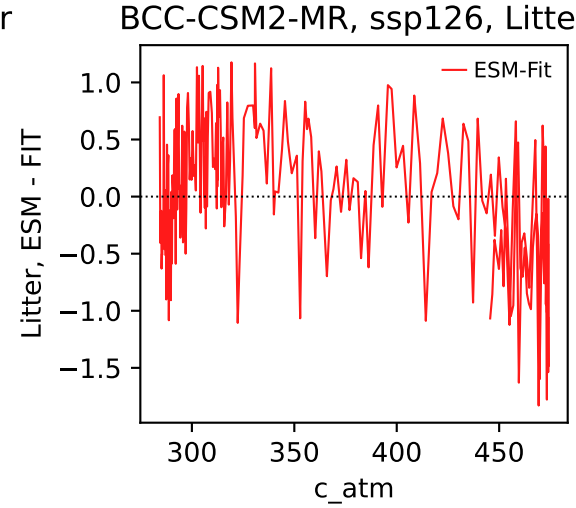

BCC-CSM2-MR, ssp126, Litter
ESM
Fit
Litter
Year
70
65
60
55
50
45
1900
2000
2100

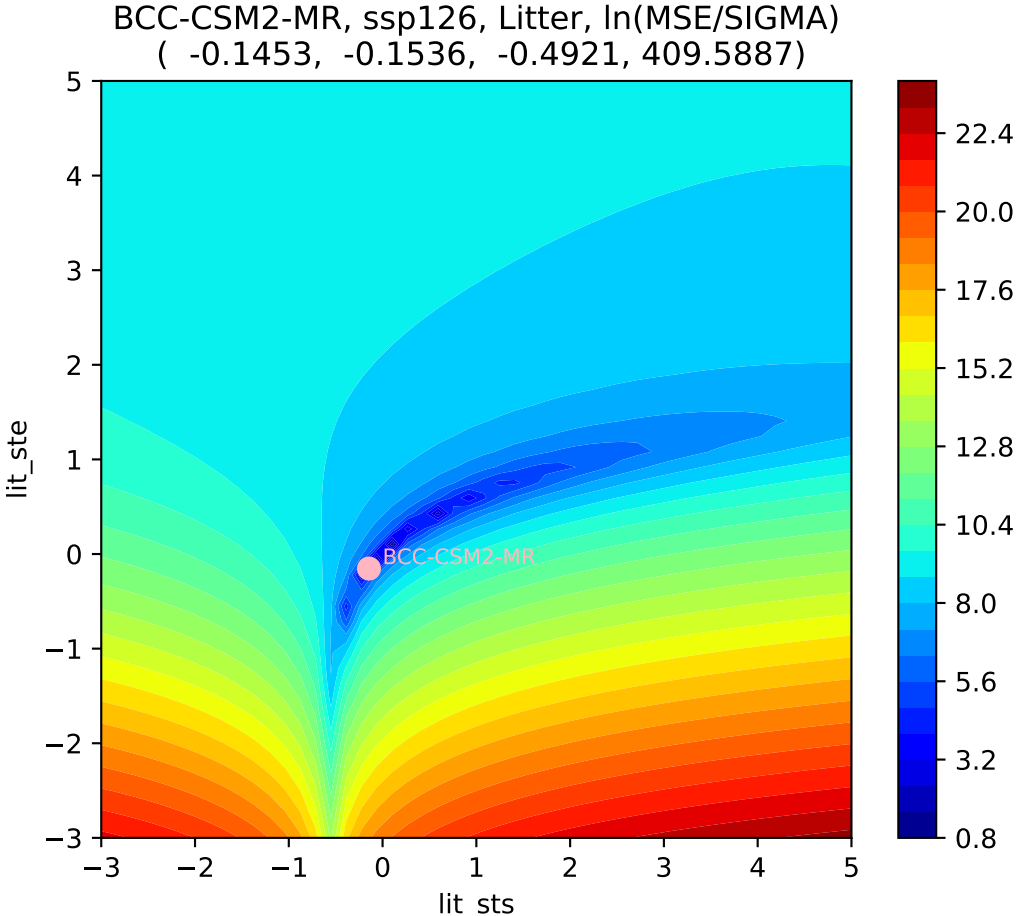

BCC-CSM2-MR, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
Year
1.0
0.5
0.0
−0.5
−1.0
−1.5
1900
2000
2100

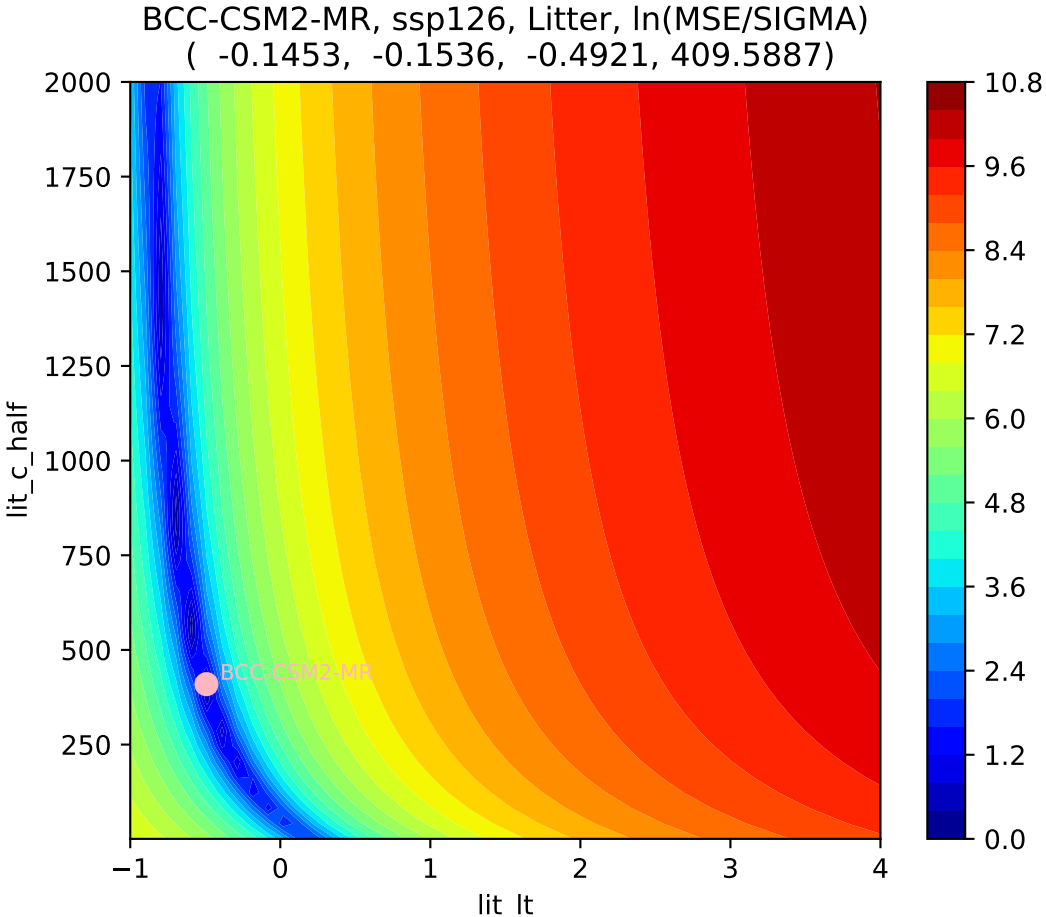

BCC-CSM2-MR, ssp126, Litter
ESM
Fit
Litter
ΔT
70
65
60
55
50
45
0.0
0.5
1.0
1.5
2.0

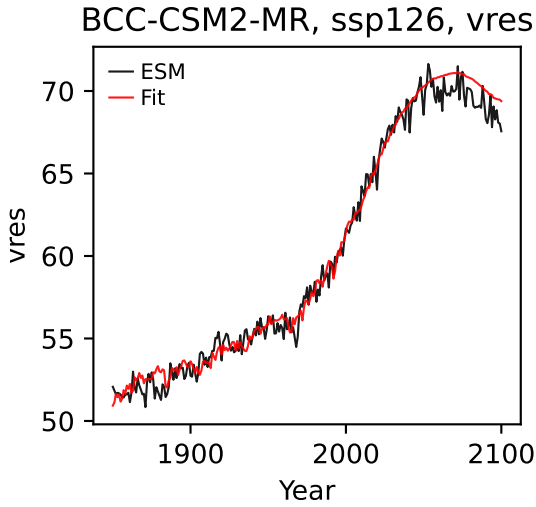

BCC-CSM2-MR, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
ΔT
1.0
0.5
0.0
−0.5
−1.0
−1.5
0.0
0.5
1.0
1.5
2.0

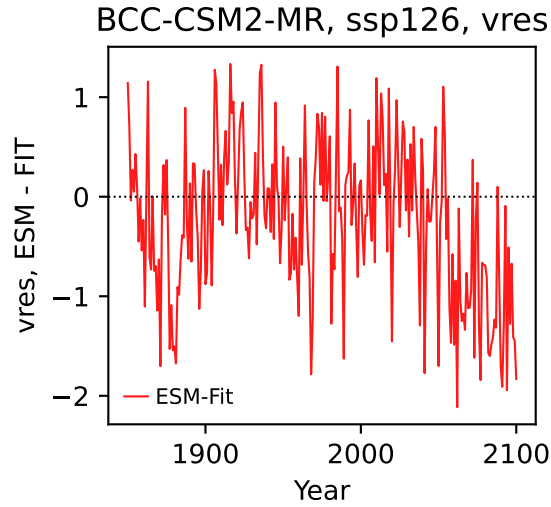

BCC-CSM2-MR, ssp126, Litter
ESM
Fit
Litter
c_atm
70
65
60
55
50
45
300
350
400
450

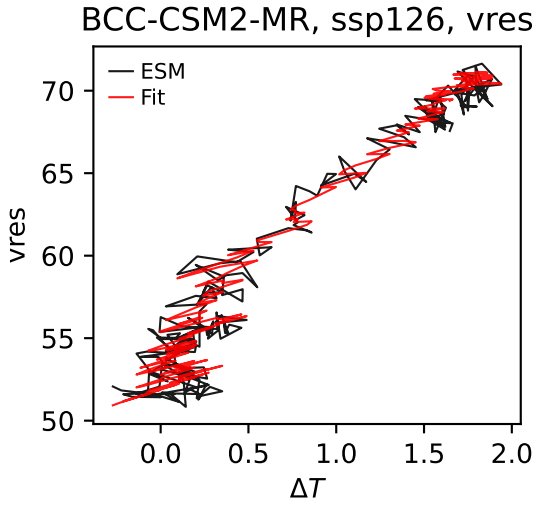

BCC-CSM2-MR, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
c_atm
1.0
0.5
0.0
−0.5
−1.0
−1.5
300
350
400
450

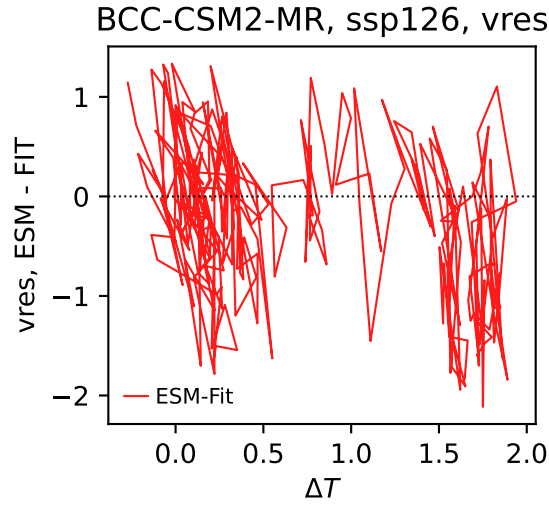

BCC-CSM2-MR, ssp126, Litter, ln(MSE/SIGMA)
(-0.1453, -0.1536, -0.4921, 409.5887)
BCC-CSM2-MR
lit_ste
lit_sts
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
22.4
20.0
17.6
15.2
12.8
10.4
8.0
5.6
3.2
0.8

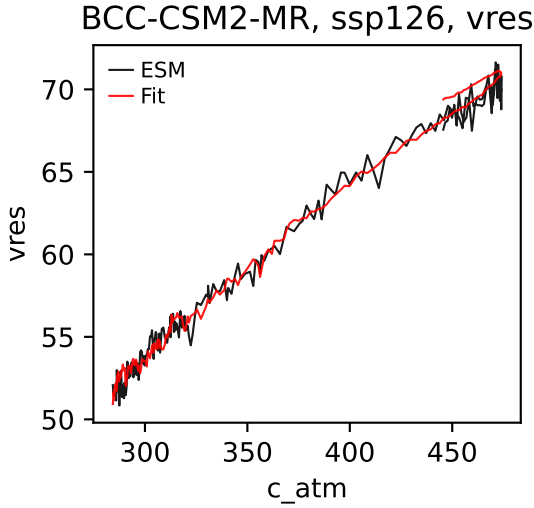

BCC-CSM2-MR, ssp126, Litter, ln(MSE/SIGMA)
(-0.1453, -0.1536, -0.4921, 409.5887)
2000
1750
1500
1250
1000
750
500
250
lit_c_half
BCC-CSM2-MR
−1
0
1
2
3
4
lit_lt
10.8
9.6
8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0

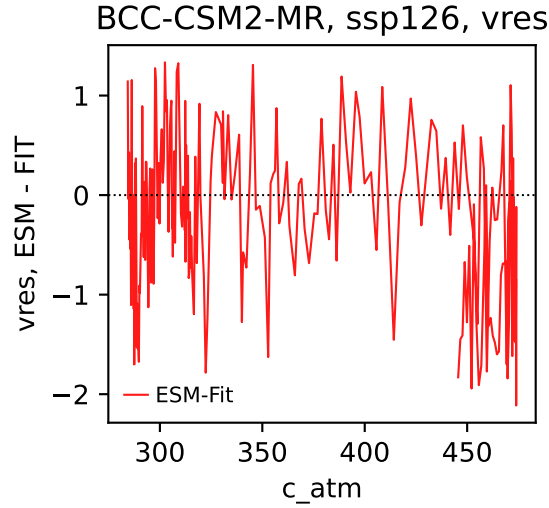

BCC-CSM2-MR, ssp126, vres
ESM
Fit
vres
Year

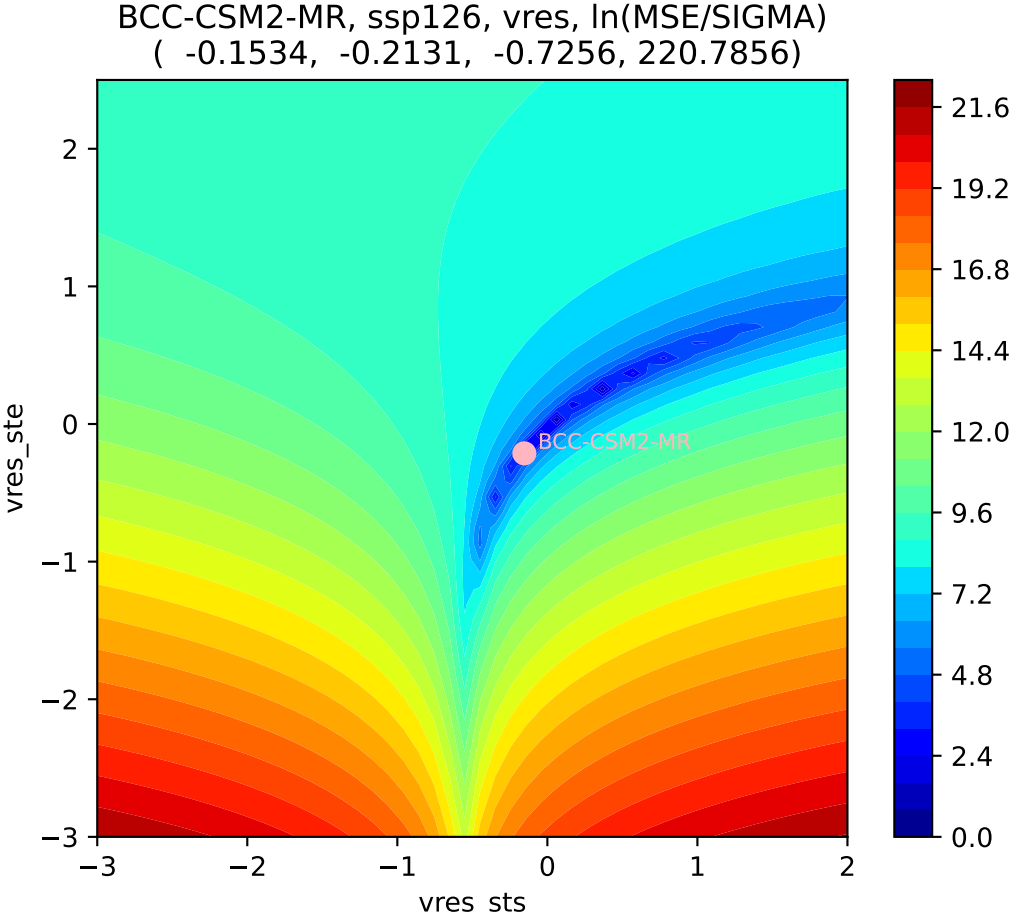

BCC-CSM2-MR, ssp126, vres
vres, ESM - FIT
ESM-Fit
Year

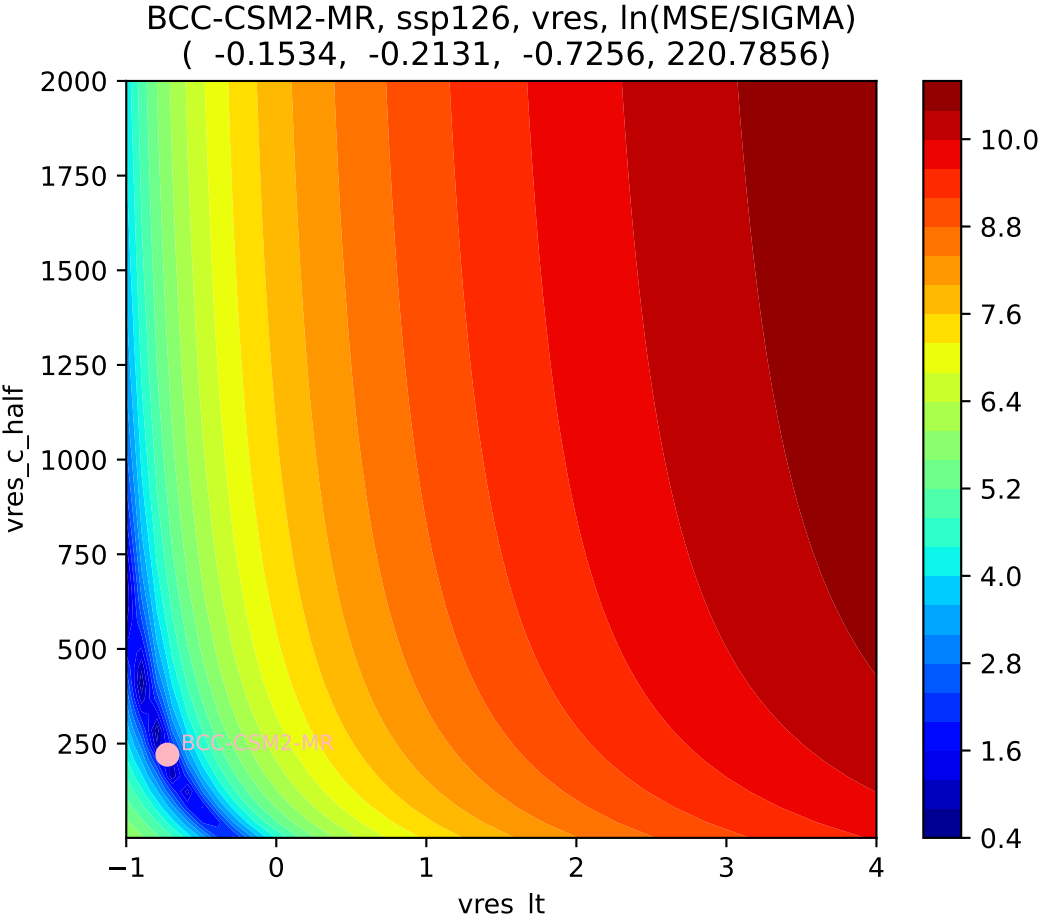

BCC-CSM2-MR, ssp126, vres
ESM
Fit
vres
ΔT

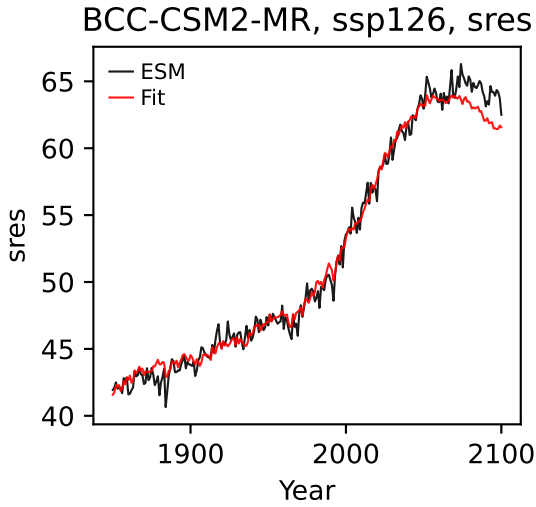

BCC-CSM2-MR, ssp126, vres
vres, ESM - FIT
ESM-Fit
ΔT

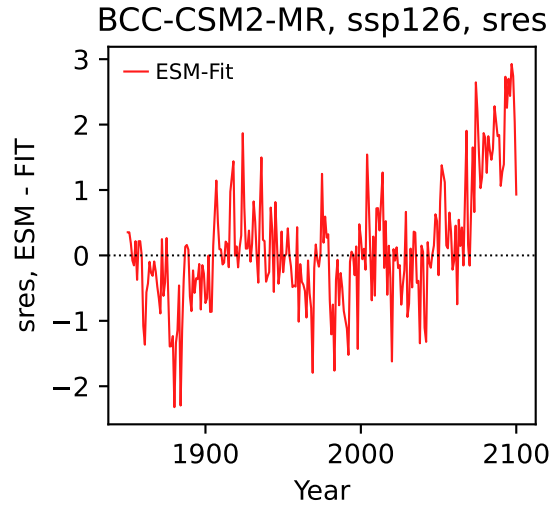

BCC-CSM2-MR, ssp126, vres
ESM
Fit
vres
c_atm

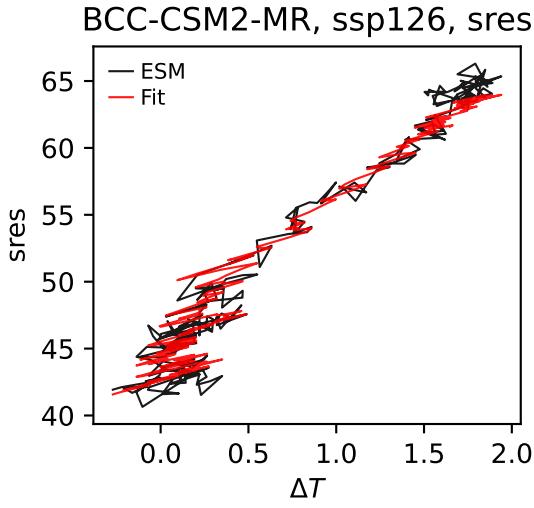

BCC-CSM2-MR, ssp126, vres
vres, ESM - FIT
ESM-Fit
c_atm

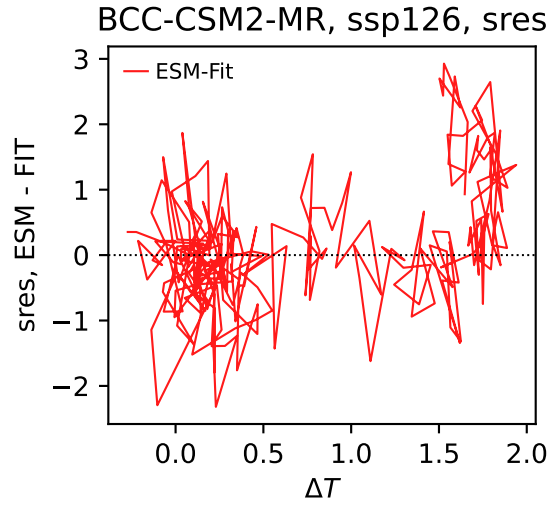

BCC-CSM2-MR, ssp126, vres, ln(MSE/SIGMA)
(-0.1534, -0.2131, -0.7256, 220.7856)
BCC-CSM2-MR
vres_ste
vres_sts
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
21.6
19.2
16.8
14.4
12.0
9.6
7.2
4.8
2.4
0.0

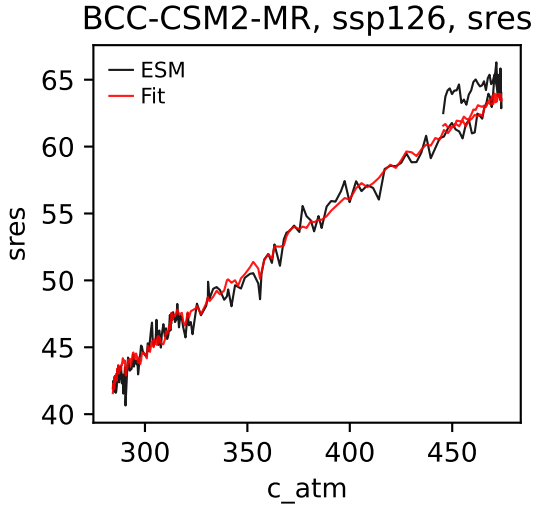

BCC-CSM2-MR, ssp126, vres, ln(MSE/SIGMA)
(-0.1534, -0.2131, -0.7256, 220.7856)
2000
1750
1500
1250
1000
750
500
250
vres_c_half
BCC-CSM2-MR
−1
0
1
2
3
4
vres_lt
10.0
8.8
7.6
6.4
5.2
4.0
2.8
1.6
0.4

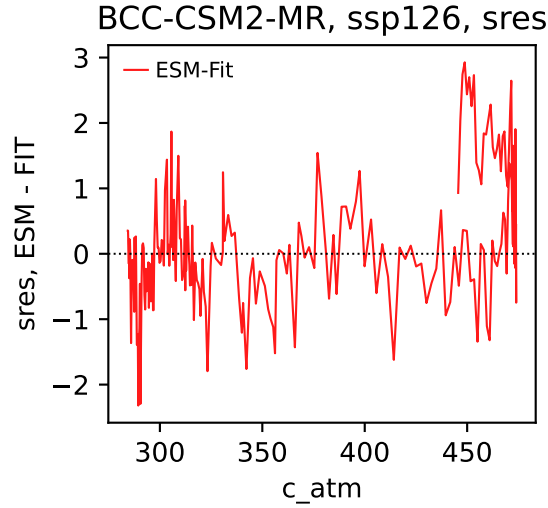

BCC-CSM2-MR, ssp126, sres
ESM
Fit
sres
Year

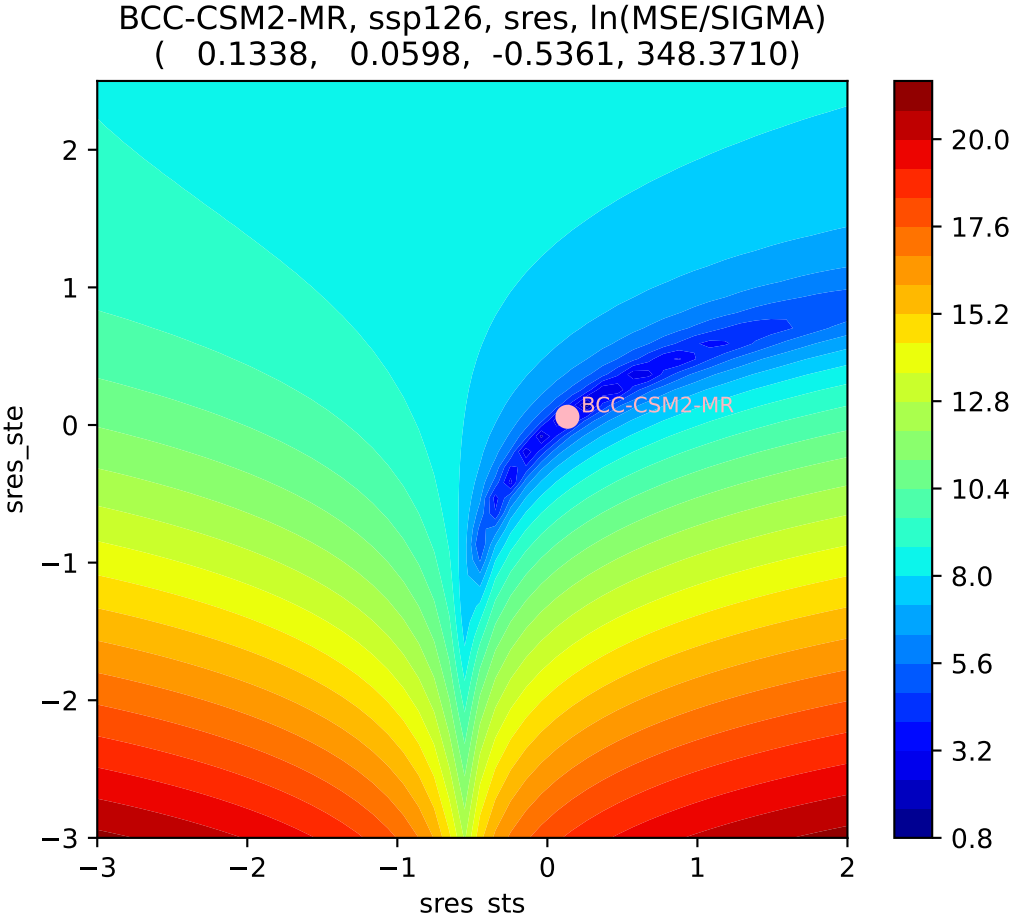

BCC-CSM2-MR, ssp126, sres
ESM-Fit
sres, ESM - FIT
Year

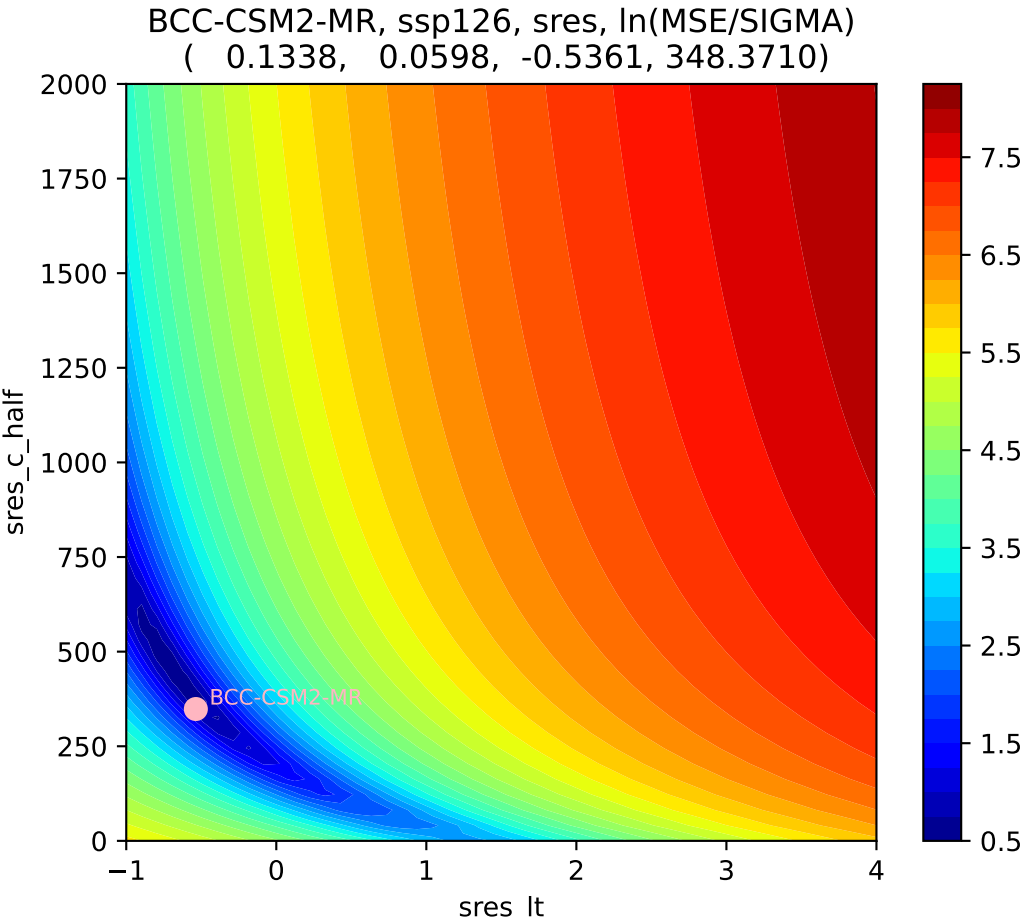

BCC-CSM2-MR, ssp126, sres
ESM
Fit
sres
ΔT

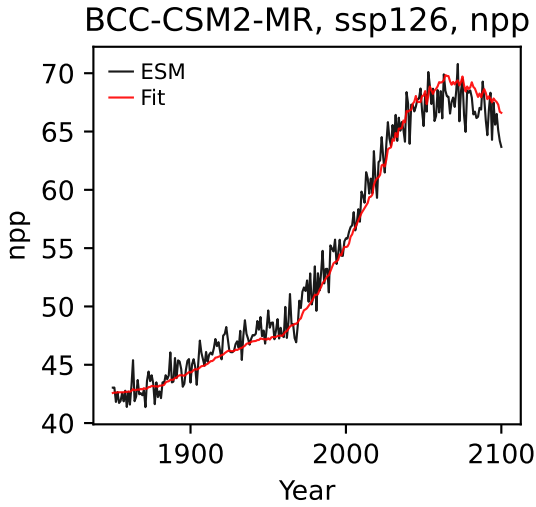

BCC-CSM2-MR, ssp126, sres
ESM-Fit
sres, ESM - FIT
ΔT

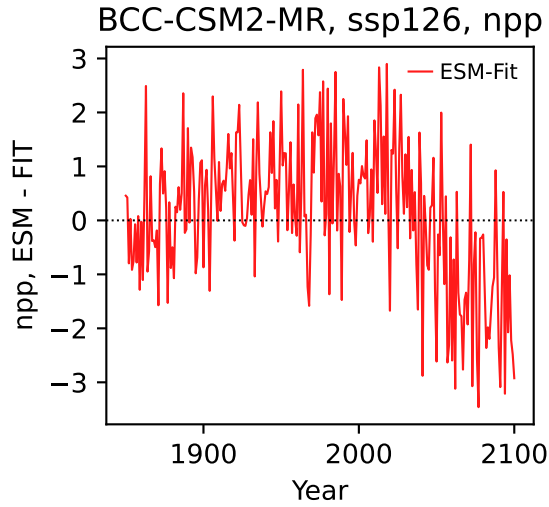

BCC-CSM2-MR, ssp126, sres
ESM
Fit
sres
c_atm

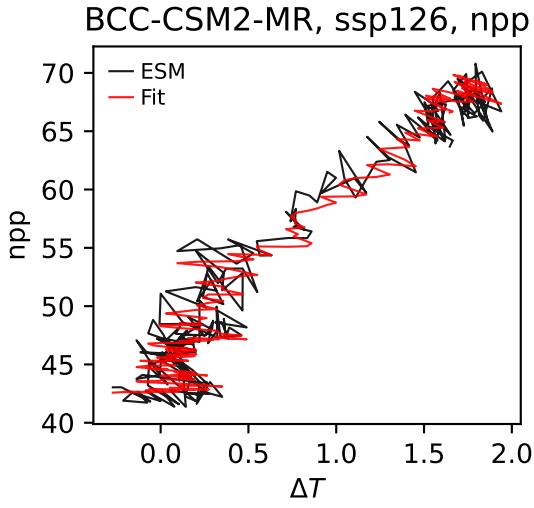

BCC-CSM2-MR, ssp126, sres
ESM-Fit
sres, ESM - FIT
c_atm

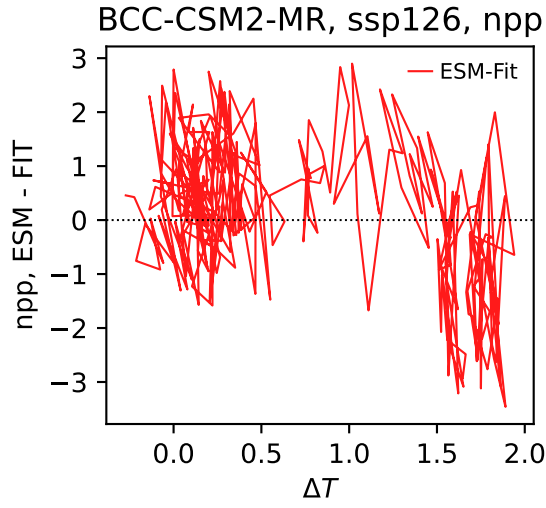

BCC-CSM2-MR, ssp126, sres, ln(MSE/SIGMA)
(0.1338, 0.0598, -0.5361, 348.3710)
BCC-CSM2-MR
sres_ste
sres_sts
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
20.0
17.6
15.2
12.8
10.4
8.0
5.6
3.2
0.8

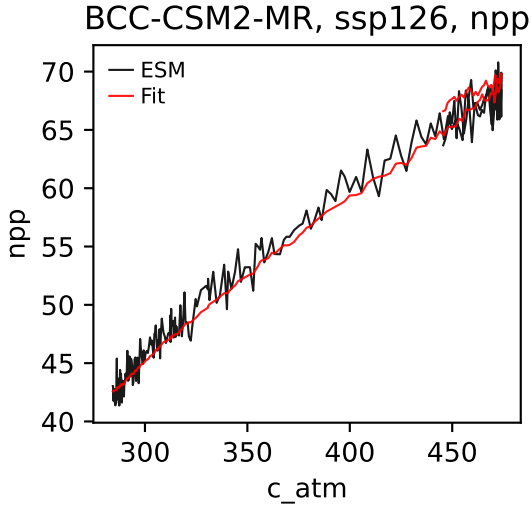

BCC-CSM2-MR, ssp126, sres, ln(MSE/SIGMA)
(0.1338, 0.0598, -0.5361, 348.3710)
2000
1750
1500
1250
1000
750
500
250
0
sres_c_half
BCC-CSM2-MR
−1
0
1
2
3
4
sres_lt
7.5
6.5
5.5
4.5
3.5
2.5
1.5
0.5

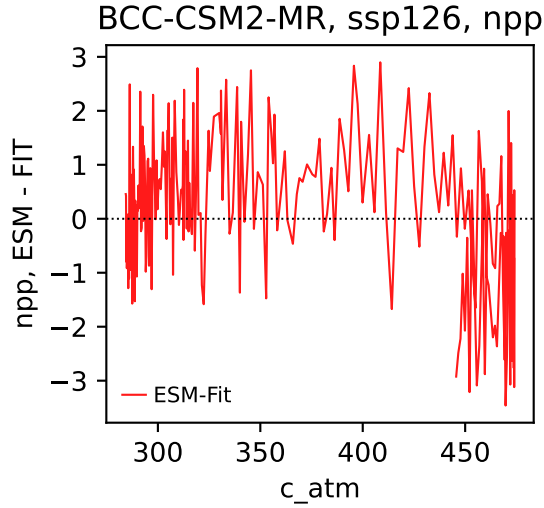

BCC-CSM2-MR, ssp126, npp
ESM
Fit
npp
Year

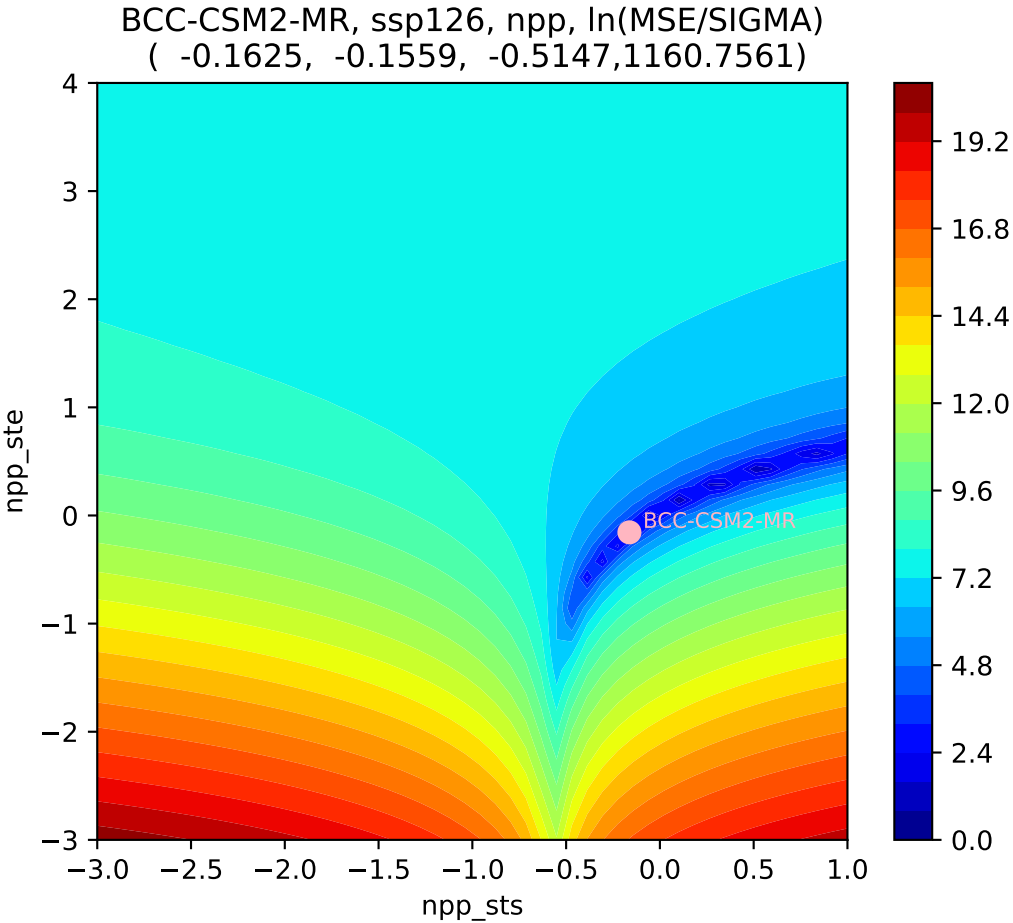

BCC-CSM2-MR, ssp126, npp
ESM-Fit
npp, ESM - FIT
Year

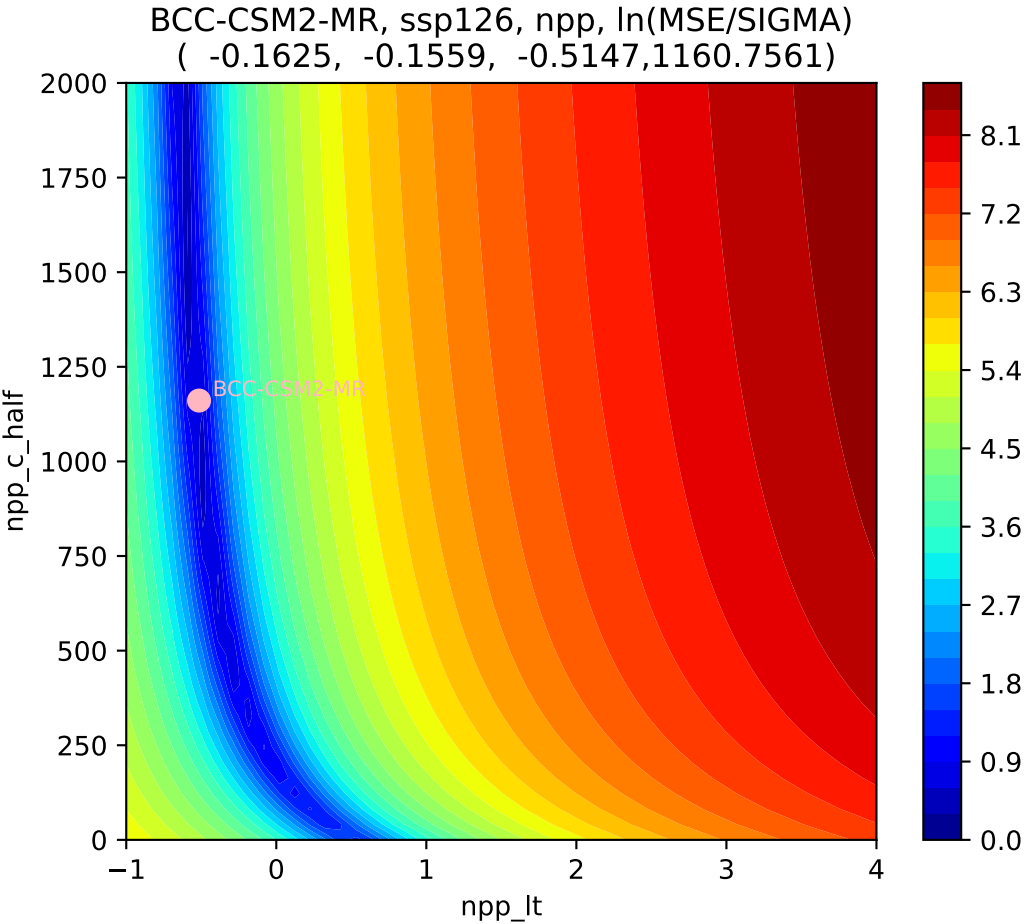

BCC-CSM2-MR, ssp126, npp
ESM
Fit
npp
ΔT

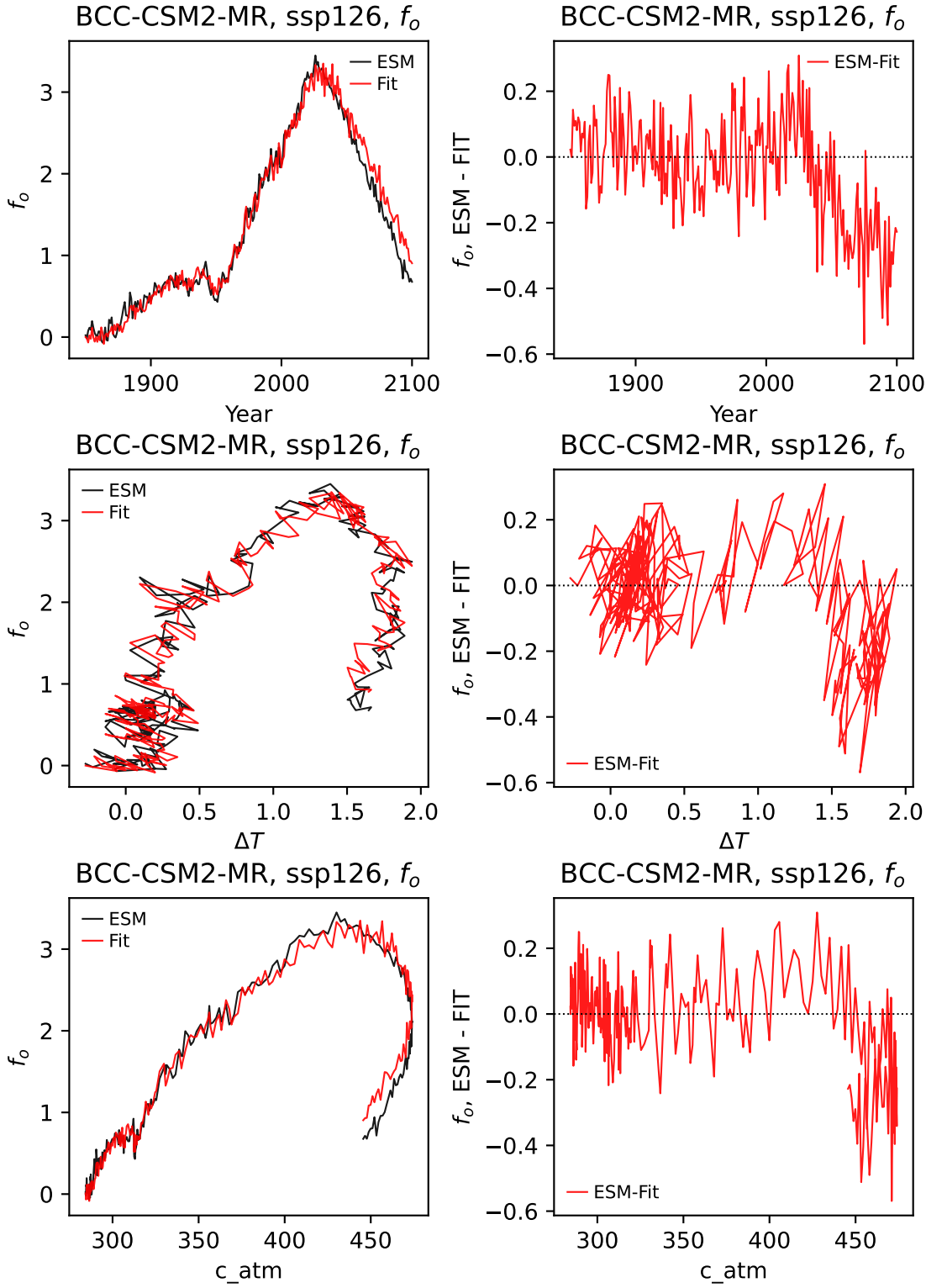

BCC-CSM2-MR, ssp126, npp
ESM-Fit
npp, ESM - FIT
ΔT

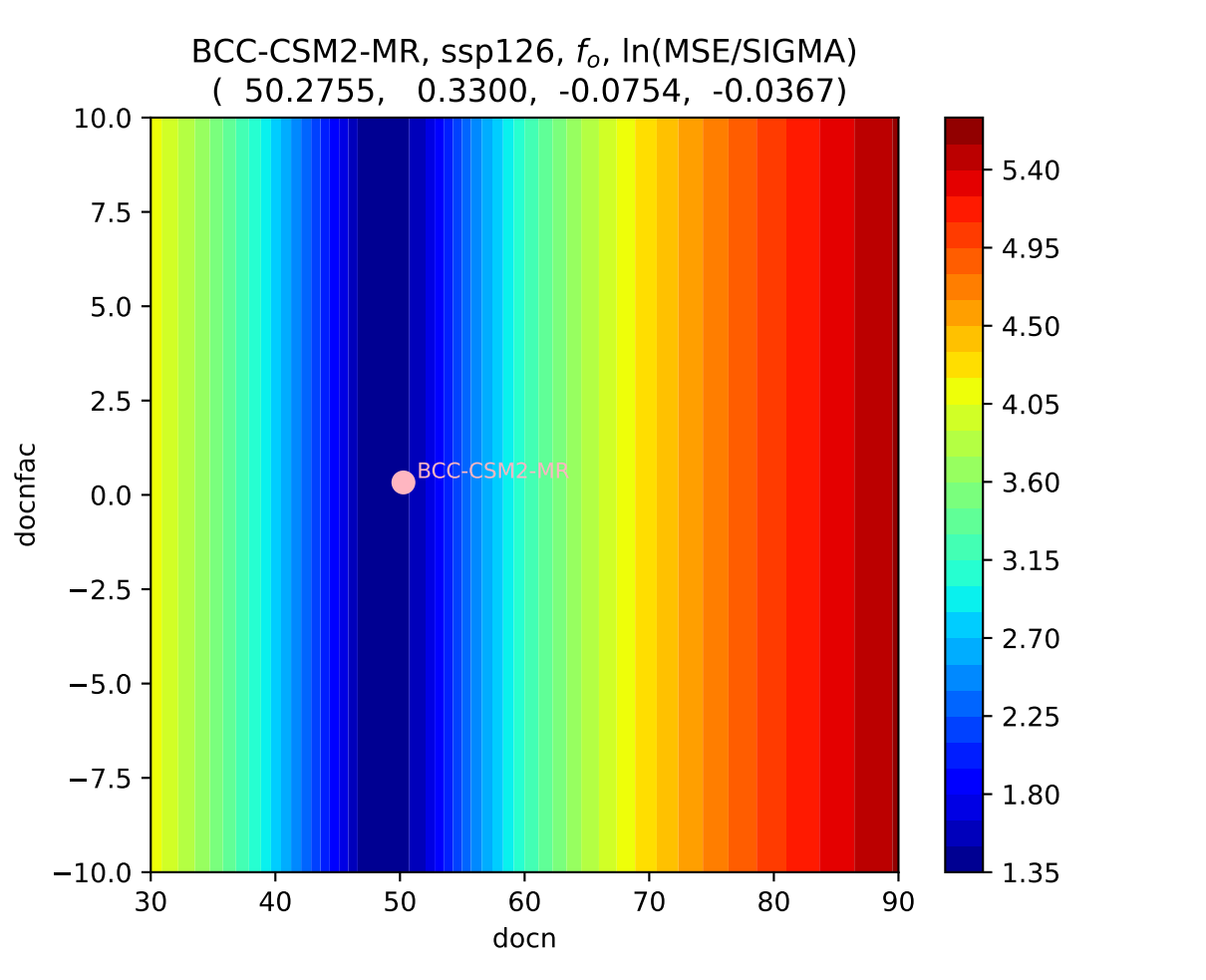

BCC-CSM2-MR, ssp126, npp
ESM
Fit
npp
c_atm

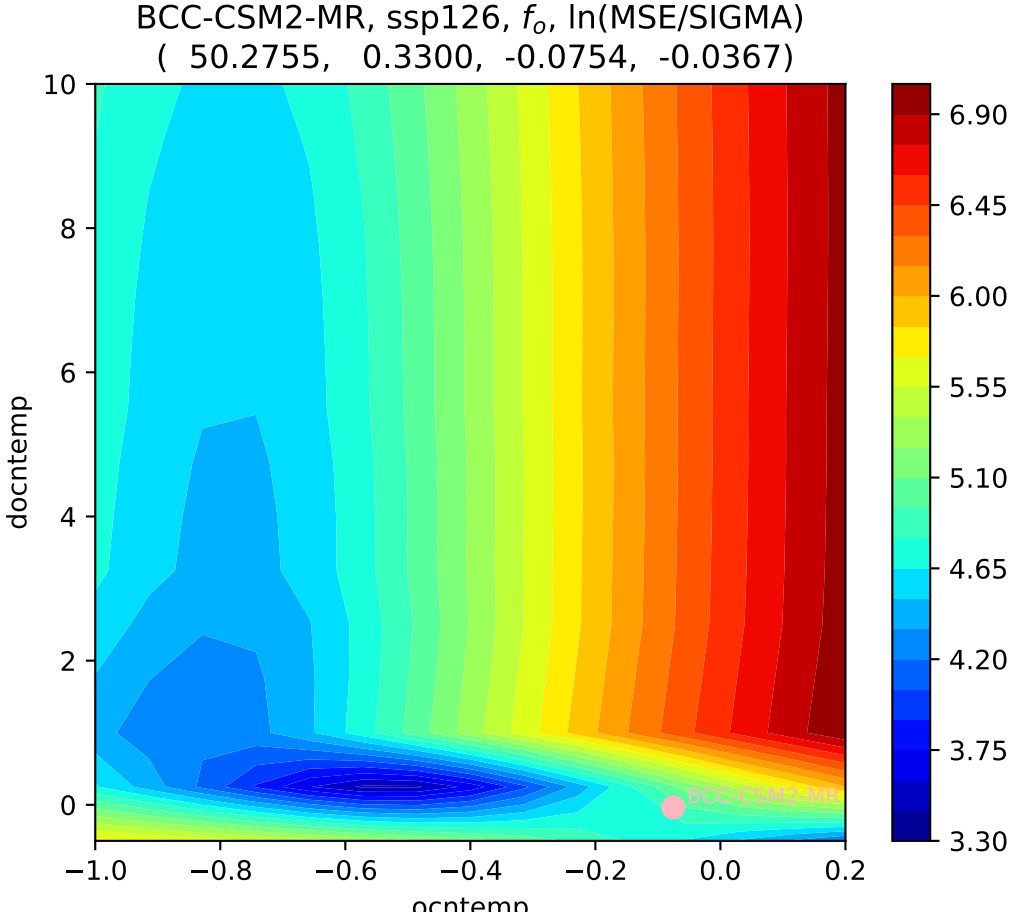

BCC-CSM2-MR, ssp126, npp
ESM-Fit
npp, ESM - FIT
c_atm


BCC-CSM2-MR, ssp126, npp, ln(MSE/SIGMA)
(-0.1625, -0.1559, -0.5147,1160.7561)
BCC-CSM2-MR
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
19.2
16.8
14.4
12.0
9.6
7.2
4.8
2.4
0.0


BCC-CSM2-MR, ssp126, npp, ln(MSE/SIGMA)
(-0.1625, -0.1559, -0.5147,1160.7561)
BCC-CSM2-MR
npp_c_half
npp_lt
2000
1750
1500
1250
1000
750
500
250
0
−1
0
1
2
3
4
8.1
7.2
6.3
5.4
4.5
3.6
2.7
1.8
0.9
0.0


BCC-CSM2-MR, ssp126, f_o
ESM
Fit
f_o
Year
BCC-CSM2-MR, ssp126, f_o
ESM-Fit
f_o, ESM - FIT
Year
BCC-CSM2-MR, ssp126, f_o
ESM
Fit
f_o
ΔT
BCC-CSM2-MR, ssp126, f_o
ESM-Fit
f_o, ESM - FIT
ΔT
BCC-CSM2-MR, ssp126, f_o
ESM
Fit
f_o
c_atm
BCC-CSM2-MR, ssp126, f_o
ESM-Fit
f_o, ESM - FIT
c_atm


BCC-CSM2-MR, ssp126, f_o, ln(MSE/SIGMA)
(50.2755, 0.3300, -0.0754, -0.0367)
BCC-CSM2-MR
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
5.40
4.95
4.50
4.05
3.60
3.15
2.70
2.25
1.80
1.35


BCC-CSM2-MR, ssp126, f_o, ln(MSE/SIGMA)
(50.2755, 0.3300, -0.0754, -0.0367)
10
8
6
4
2
0
docntemp
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
ocntemp
BCC-CSM2-MR
6.90
6.45
6.00
5.55
5.10
4.65
4.20
3.75
3.30