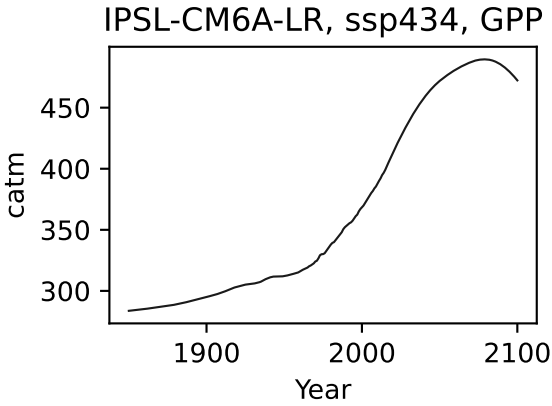
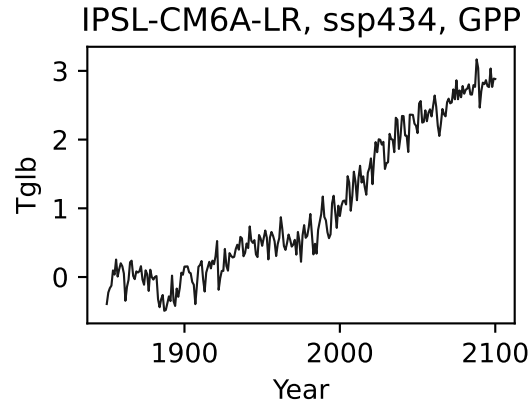
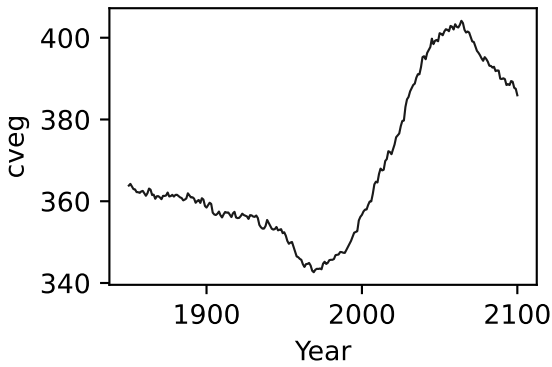
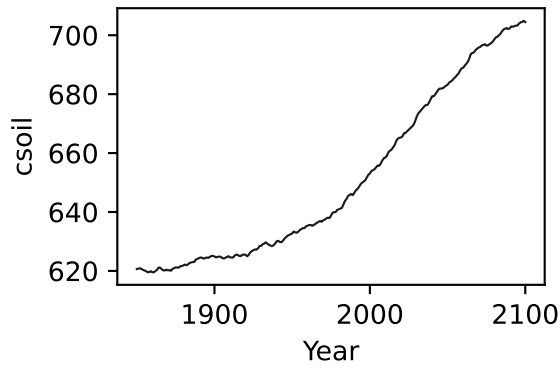
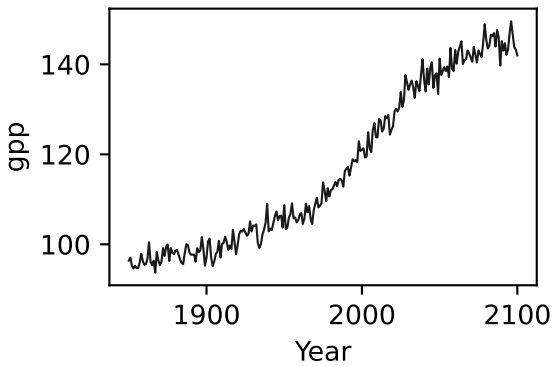
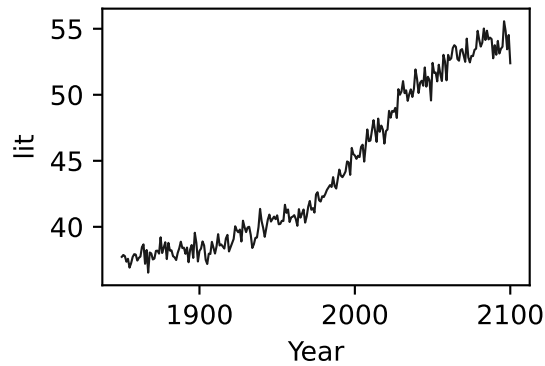

IPSL-CM6A-LR, ssp434, GPP
catm
450
400
350
300
1900
2000
2100
Year

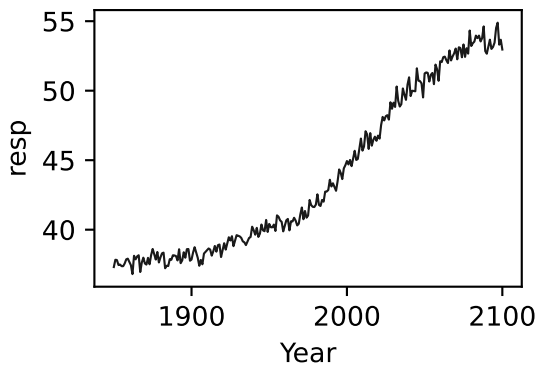

IPSL-CM6A-LR, ssp434, GPP
Tglb
3
2
1
0
1900
2000
2100
Year

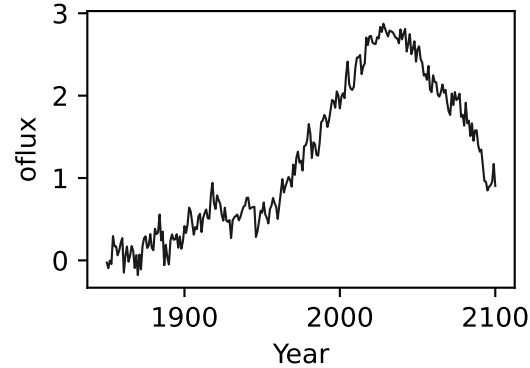

cveg
400
380
360
340
1900
2000
2100
Year

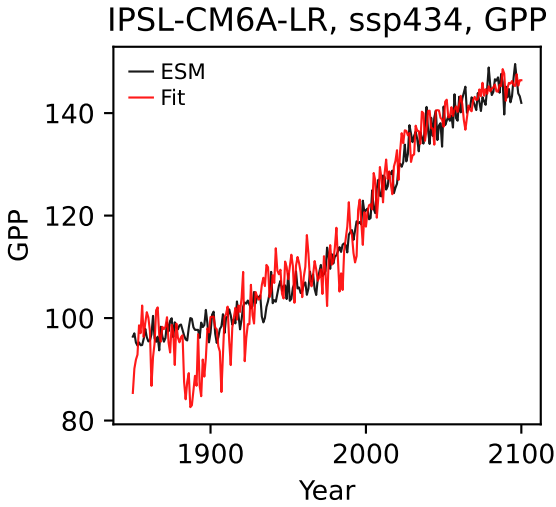

csoil
700
680
660
640
620
1900
2000
2100
Year

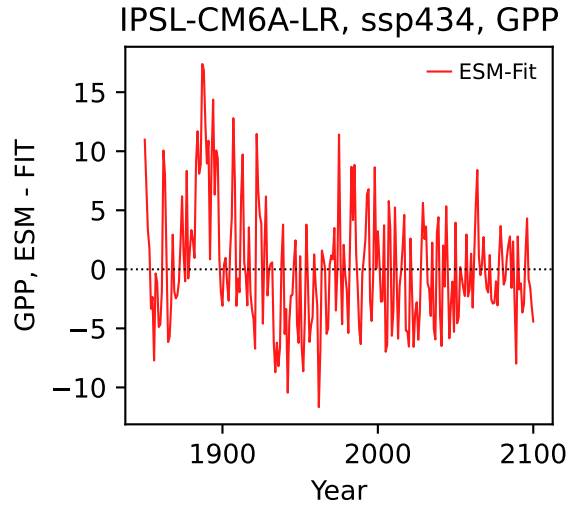

gpp
140
120
100
1900
2000
2100
Year

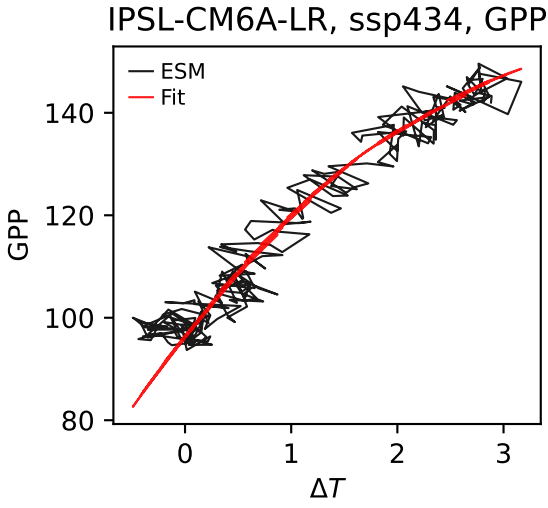

lit
55
50
45
40
1900
2000
2100
Year

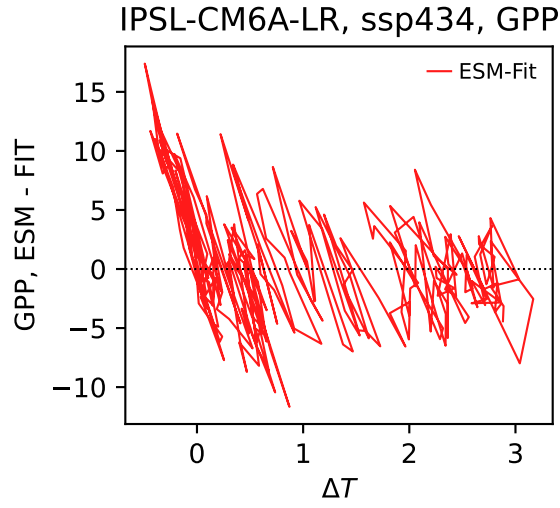

resp
55
50
45
40
1900
2000
2100
Year

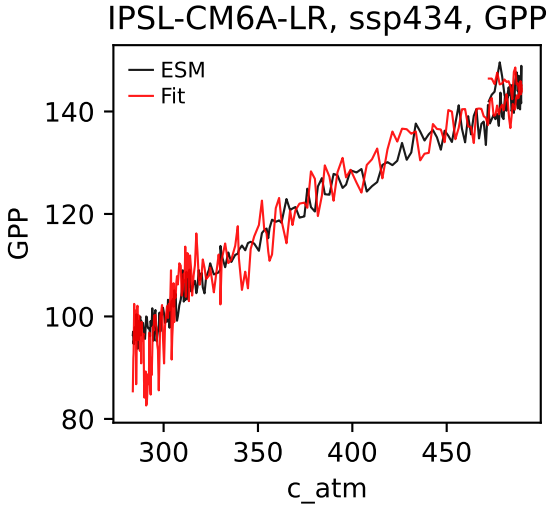

oflux
3
2
1
0
1900
2000
2100
Year

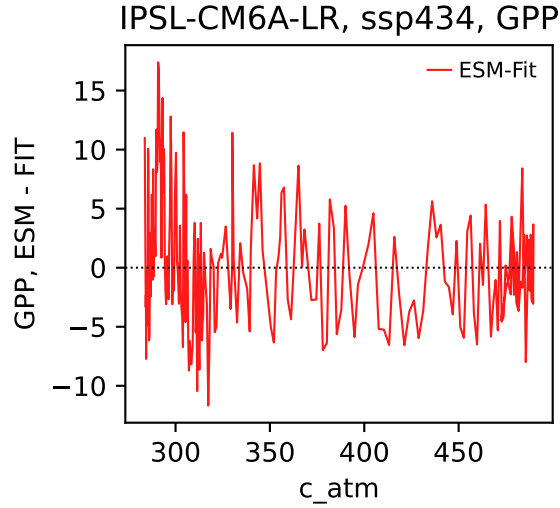

IPSL-CM6A-LR, ssp434, GPP
ESM
Fit
GPP
Year

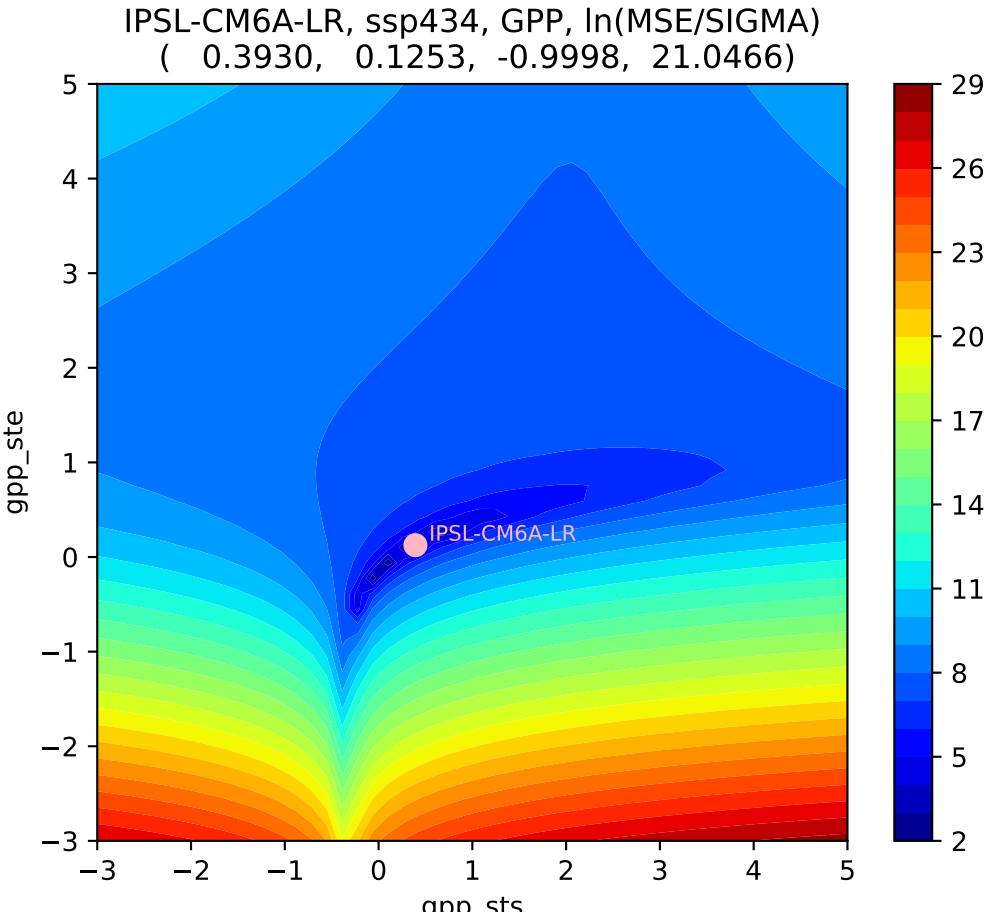

IPSL-CM6A-LR, ssp434, GPP
ESM-Fit
GPP, ESM - FIT
Year

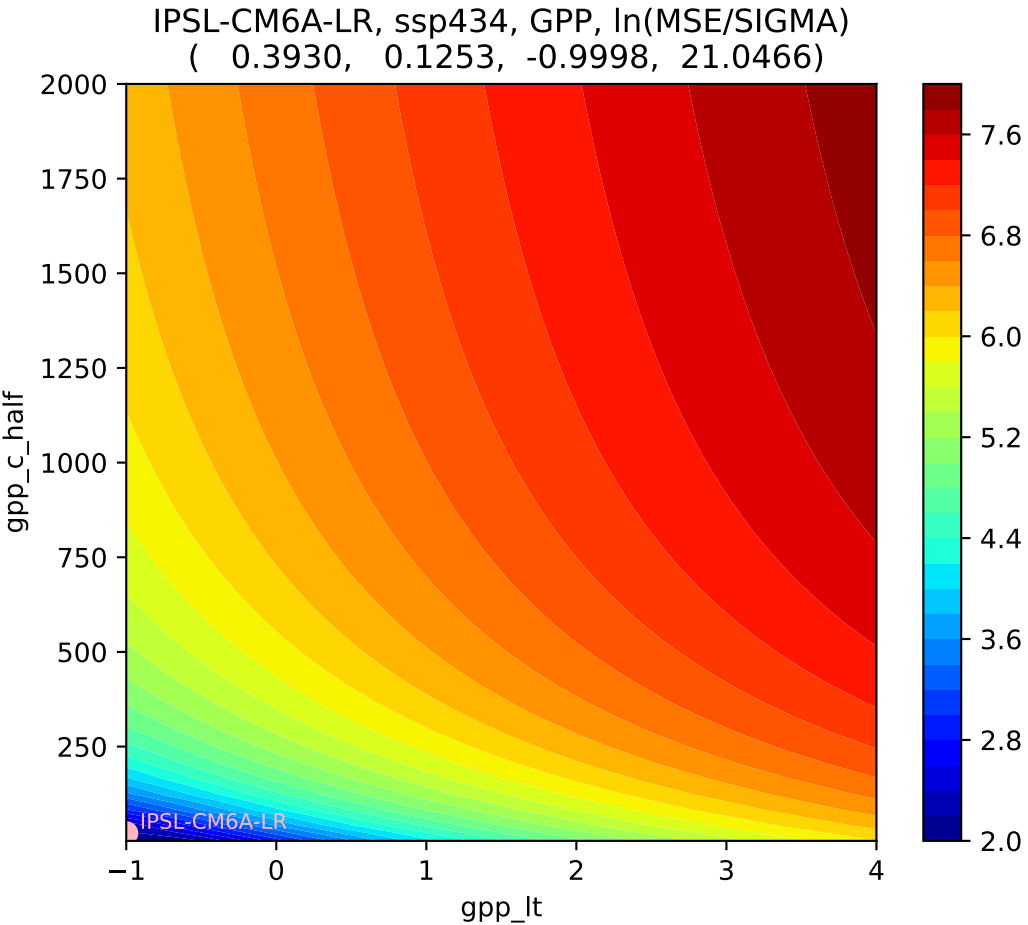

IPSL-CM6A-LR, ssp434, GPP
ESM
Fit
GPP
ΔT

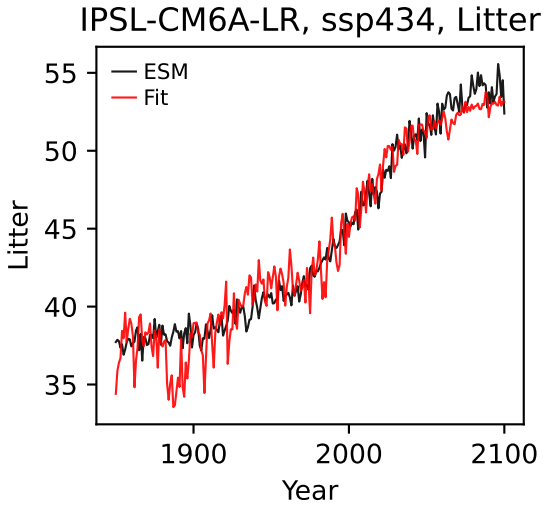

IPSL-CM6A-LR, ssp434, GPP
ESM-Fit
GPP, ESM - FIT
ΔT

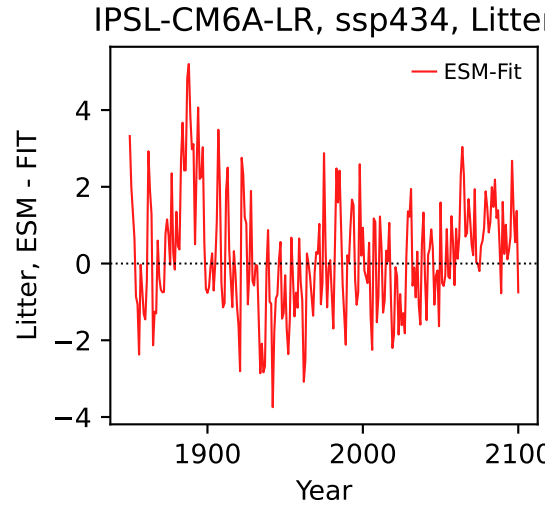

IPSL-CM6A-LR, ssp434, GPP
ESM
Fit
GPP
c_atm

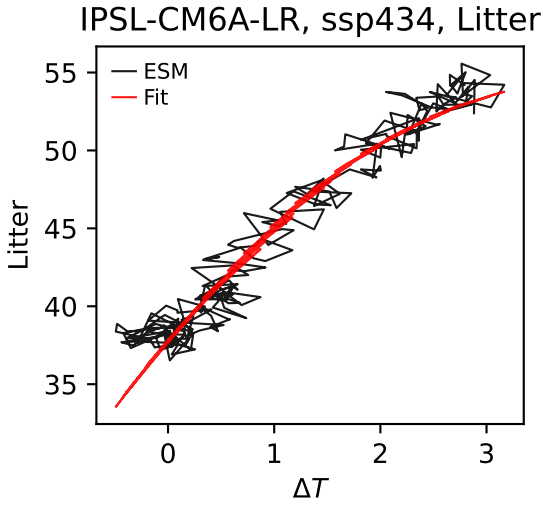

IPSL-CM6A-LR, ssp434, GPP
ESM-Fit
GPP, ESM - FIT
c_atm

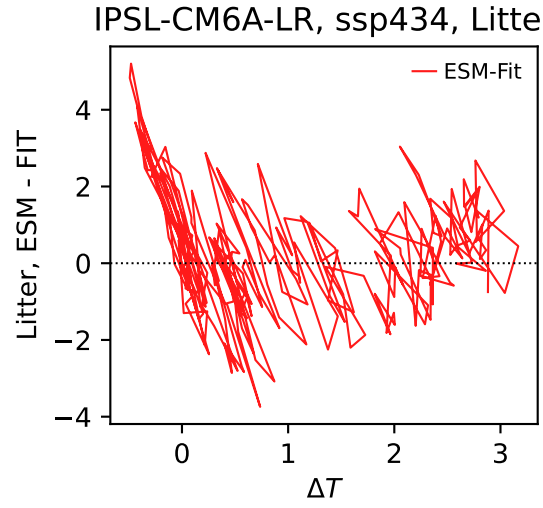

IPSL-CM6A-LR, ssp434, GPP, ln(MSE/SIGMA)
(0.3930, 0.1253, -0.9998, 21.0466)
IPSL-CM6A-LR
gpp_ste
gpp_sts
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
29
26
23
20
17
14
11
8
5
2

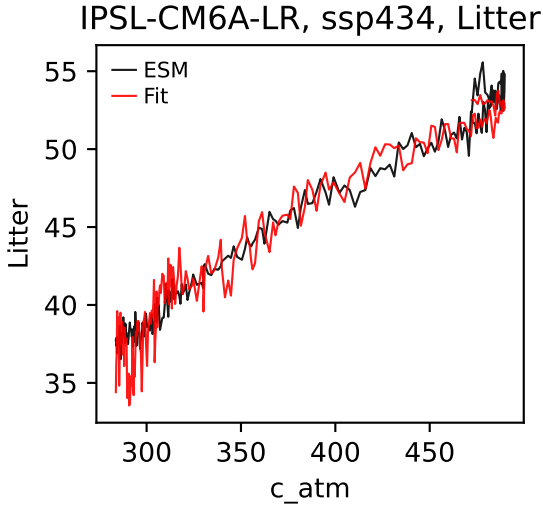

IPSL-CM6A-LR, ssp434, GPP, ln(MSE/SIGMA)
(0.3930, 0.1253, -0.9998, 21.0466)
gpp_c_half
gpp_lt
IPSL-CM6A-LR
2000
1750
1500
1250
1000
750
500
250
−1
0
1
2
3
4
7.6
6.8
6.0
5.2
4.4
3.6
2.8
2.0

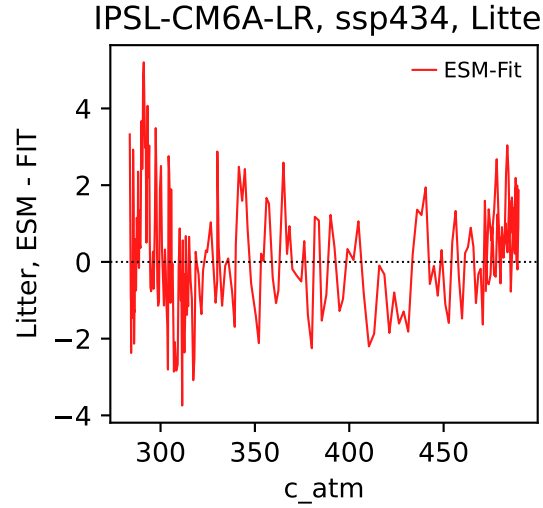

IPSL-CM6A-LR, ssp434, Litter
ESM
Fit
Litter
Year

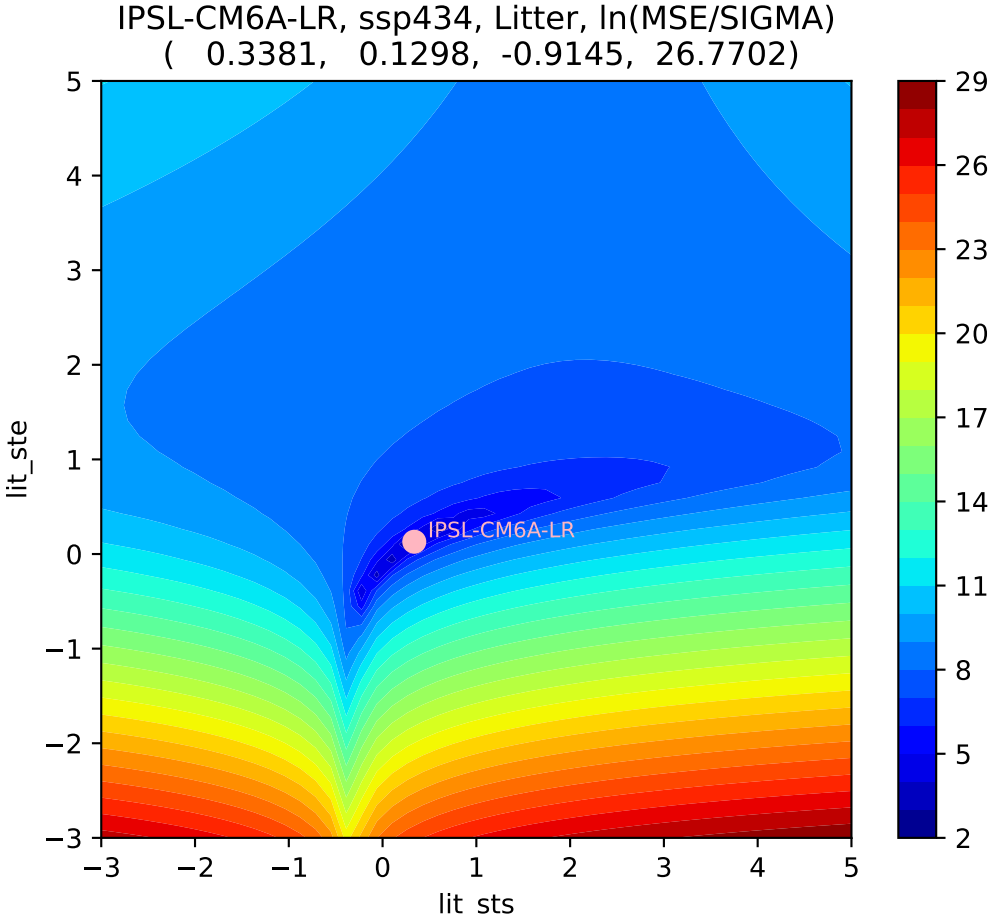

IPSL-CM6A-LR, ssp434, Litter
ESM-Fit
Litter, ESM - FIT
Year

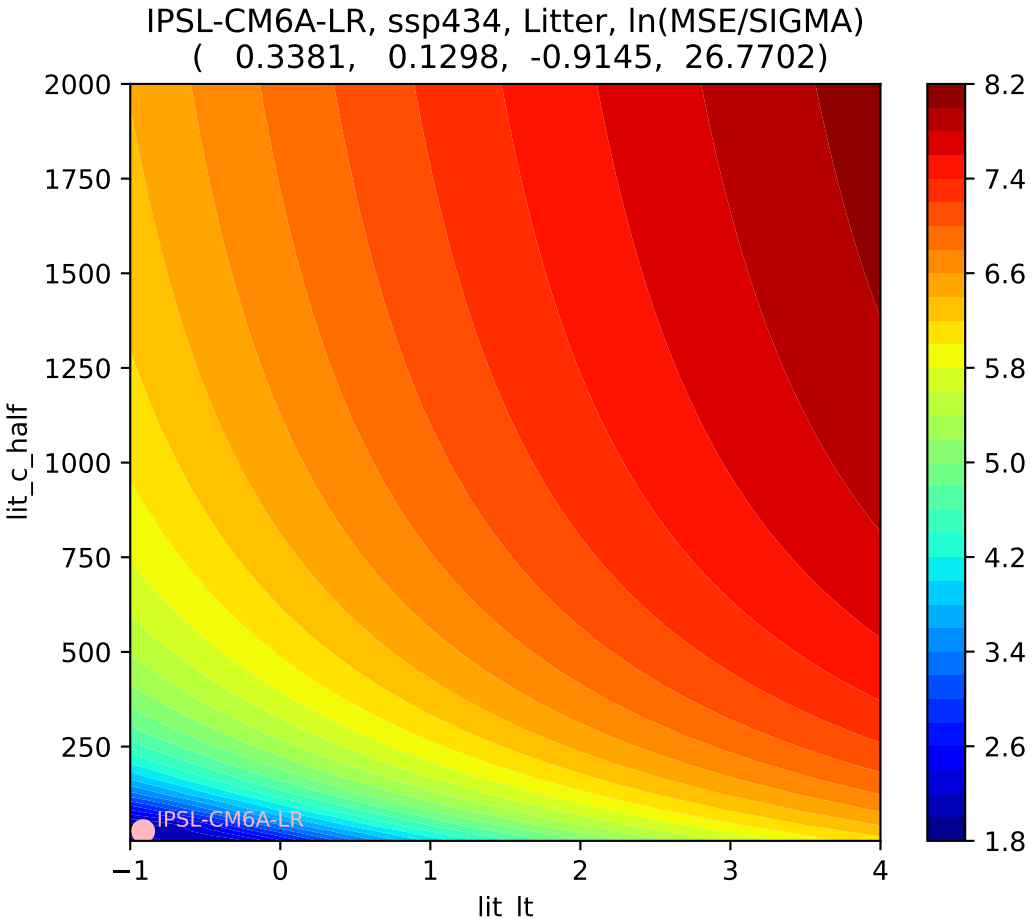

IPSL-CM6A-LR, ssp434, Litter
ESM
Fit
Litter
ΔT

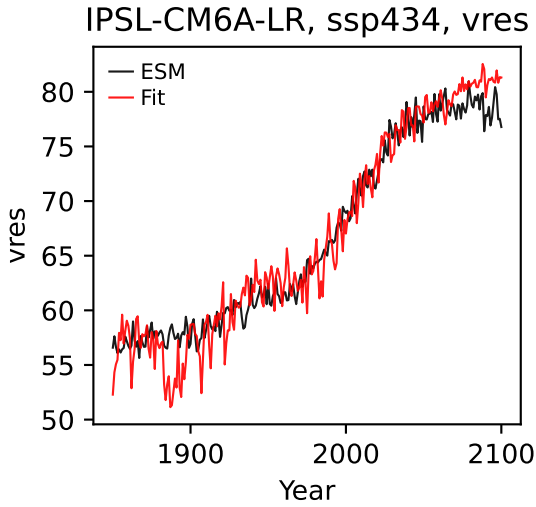

IPSL-CM6A-LR, ssp434, Litter
ESM-Fit
Litter, ESM - FIT
ΔT

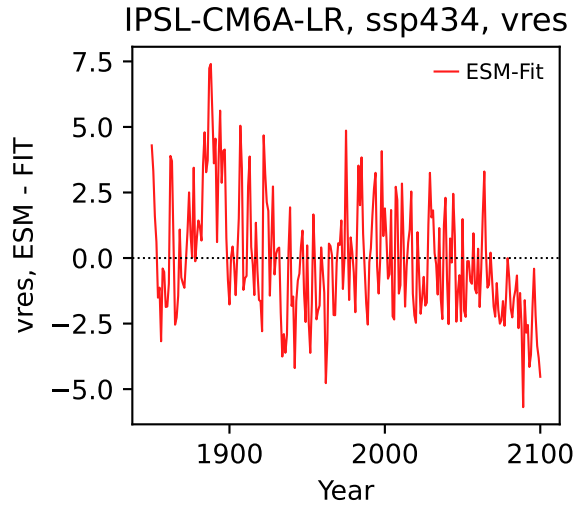

IPSL-CM6A-LR, ssp434, Litter
ESM
Fit
Litter
c_atm

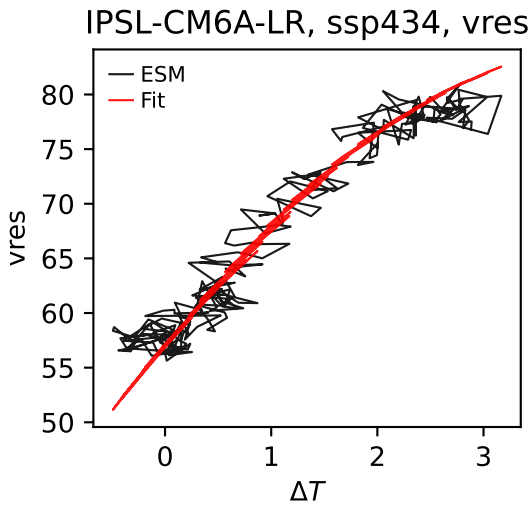

IPSL-CM6A-LR, ssp434, Litter
ESM-Fit
Litter, ESM - FIT
c_atm

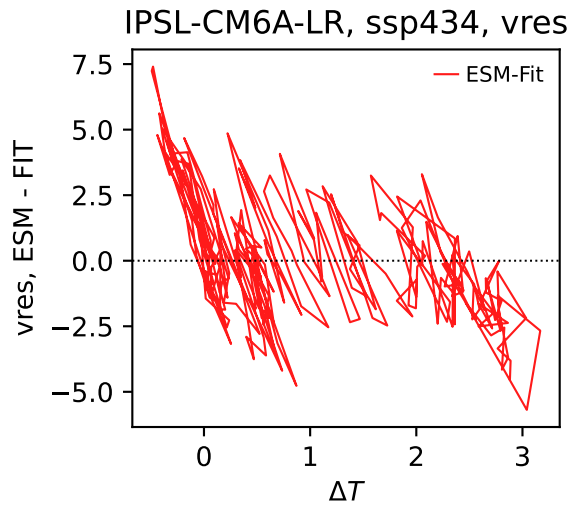

IPSL-CM6A-LR, ssp434, Litter, ln(MSE/SIGMA)
(0.3381, 0.1298, -0.9145, 26.7702)
IPSL-CM6A-LR
lit_ste
lit_sts
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
29
26
23
20
17
14
11
8
5
2

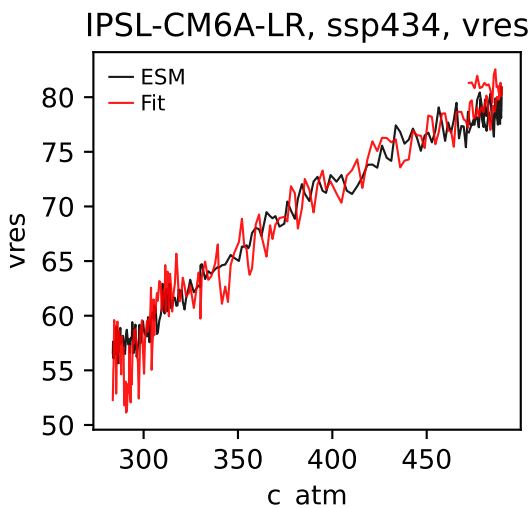

IPSL-CM6A-LR, ssp434, Litter, ln(MSE/SIGMA)
(0.3381, 0.1298, -0.9145, 26.7702)
lit_c_half
lit_lt
IPSL-CM6A-LR
2000
1750
1500
1250
1000
750
500
250
−1
0
1
2
3
4
8.2
7.4
6.6
5.8
5.0
4.2
3.4
2.6
1.8

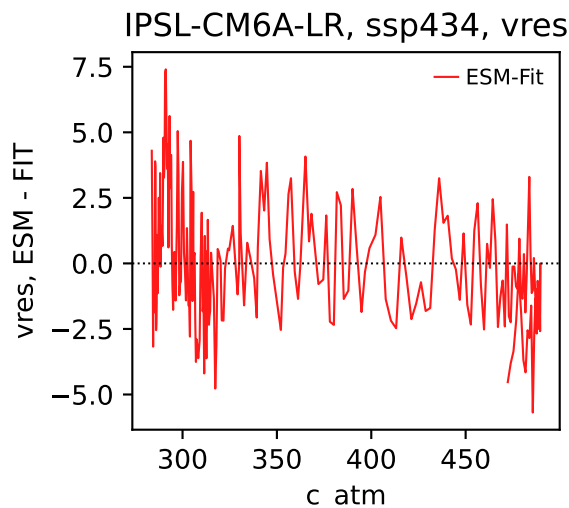

IPSL-CM6A-LR, ssp434, vres
ESM
Fit
vres
Year

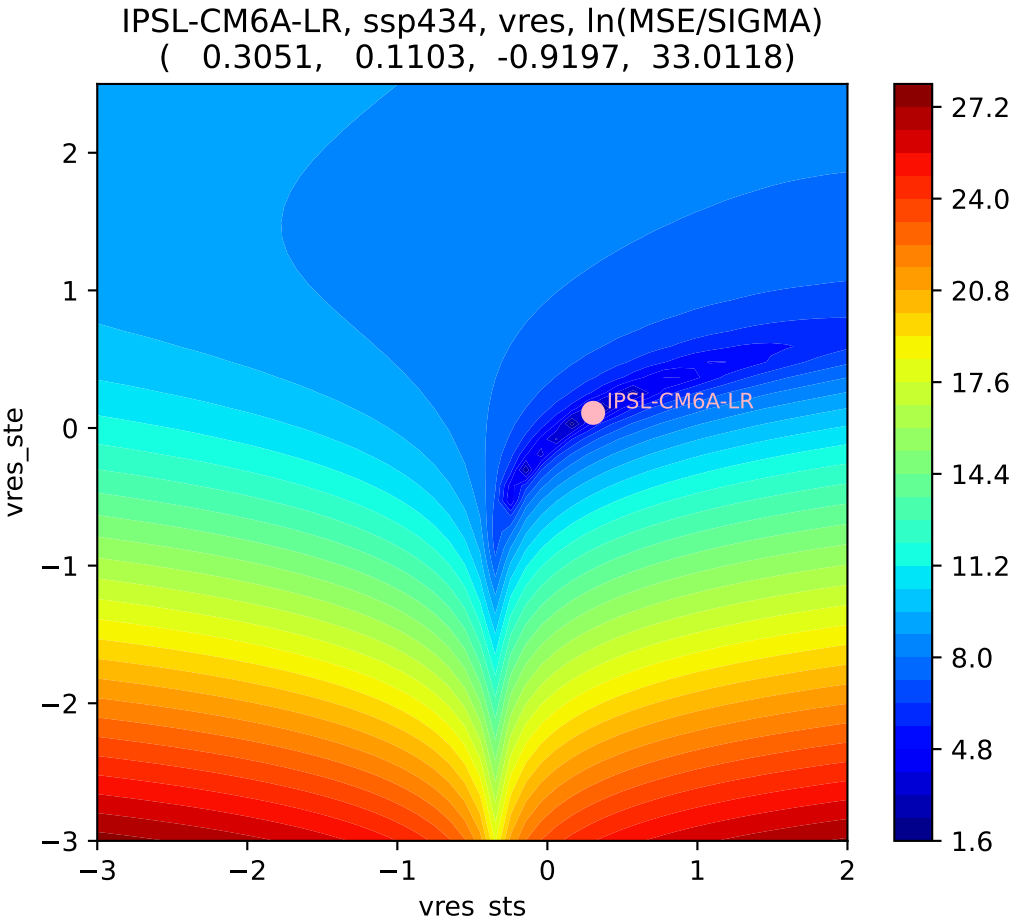

IPSL-CM6A-LR, ssp434, vres
ESM-Fit
vres, ESM - FIT
Year

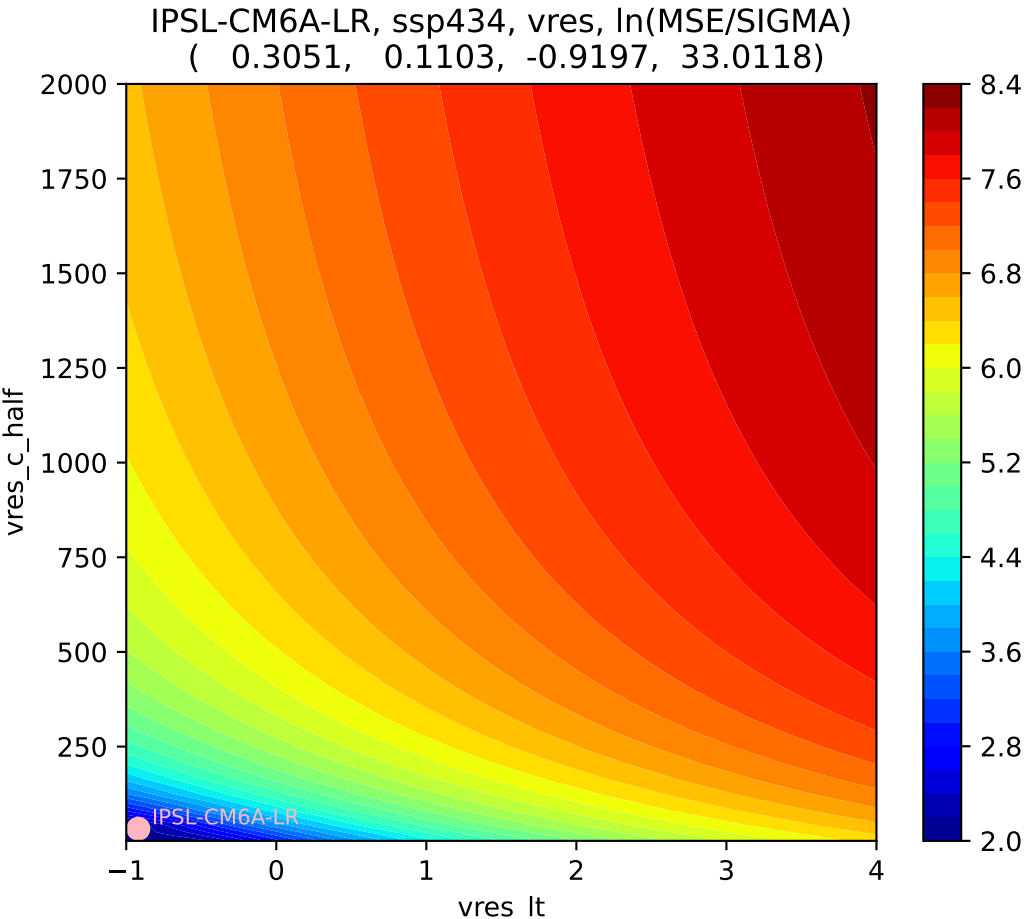

IPSL-CM6A-LR, ssp434, vres
ESM
Fit
vres
ΔT

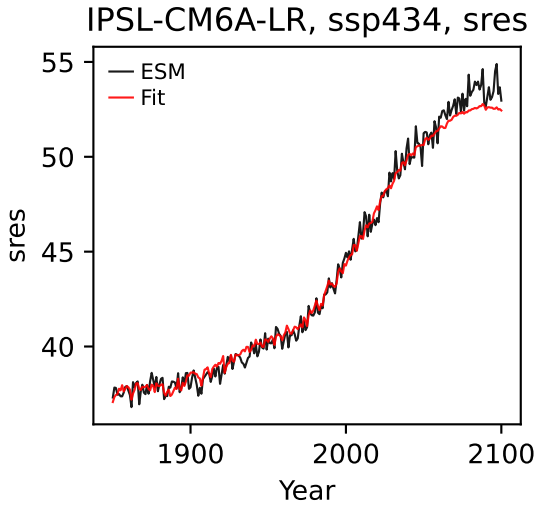

IPSL-CM6A-LR, ssp434, vres
ESM-Fit
vres, ESM - FIT
ΔT

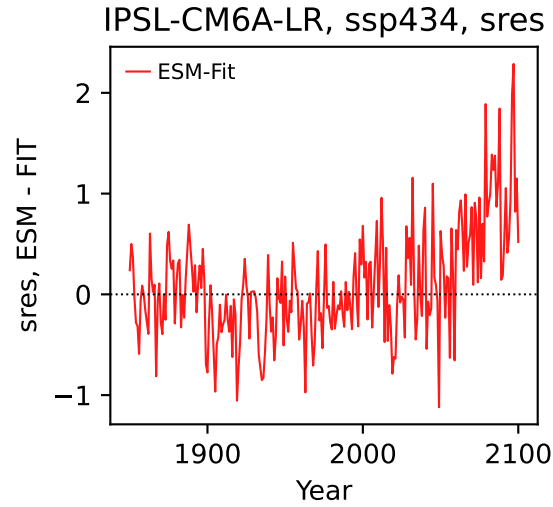

IPSL-CM6A-LR, ssp434, vres
ESM
Fit
vres
c_atm

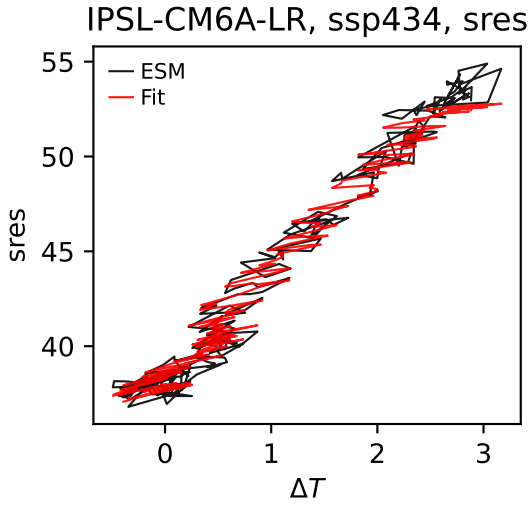

IPSL-CM6A-LR, ssp434, vres
ESM-Fit
vres, ESM - FIT
c_atm

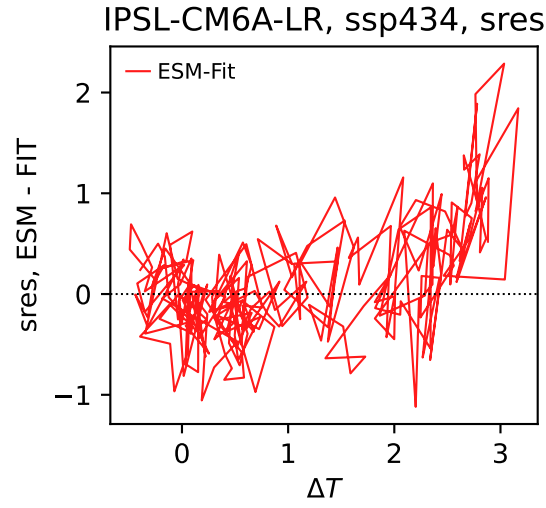

IPSL-CM6A-LR, ssp434, vres, ln(MSE/SIGMA)
(0.3051, 0.1103, -0.9197, 33.0118)
IPSL-CM6A-LR
vres_ste
vres_sts
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
27.2
24.0
20.8
17.6
14.4
11.2
8.0
4.8
1.6

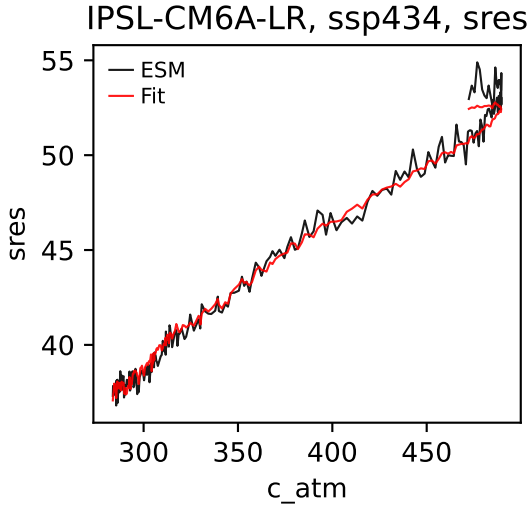

IPSL-CM6A-LR, ssp434, vres, ln(MSE/SIGMA)
(0.3051, 0.1103, -0.9197, 33.0118)
2000
1750
1500
1250
1000
750
500
250
vres_c_half
IPSL-CM6A-LR
−1
0
1
2
3
4
vres_lt
8.4
7.6
6.8
6.0
5.2
4.4
3.6
2.8
2.0

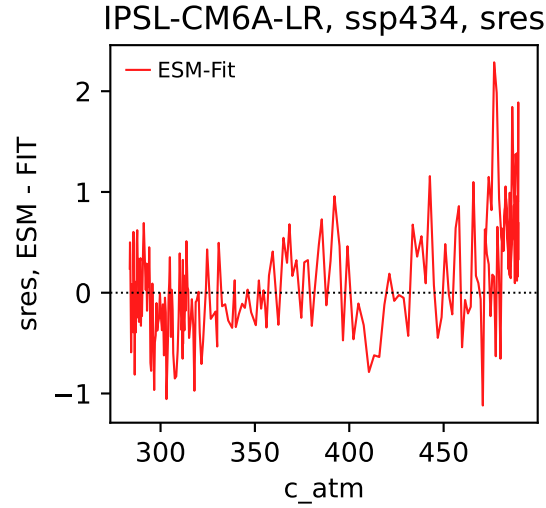

IPSL-CM6A-LR, ssp434, sres
ESM
Fit
sres
Year

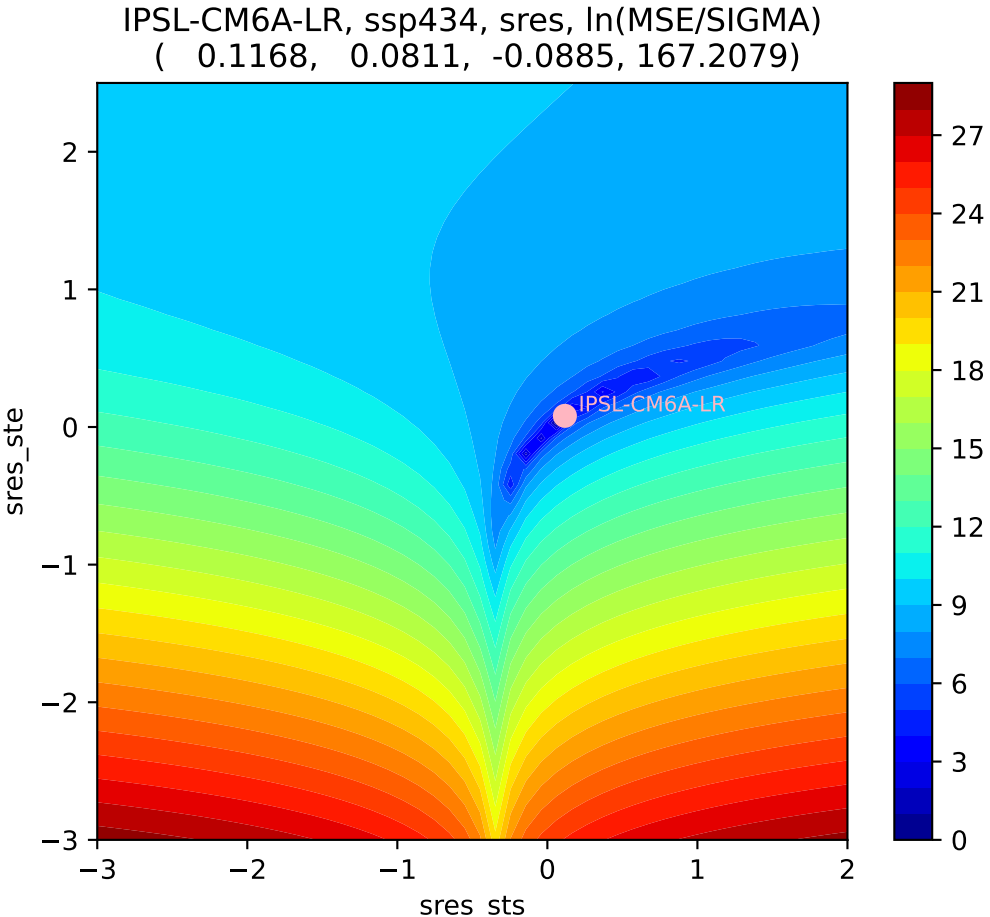

IPSL-CM6A-LR, ssp434, sres
ESM-Fit
sres, ESM - FIT
Year

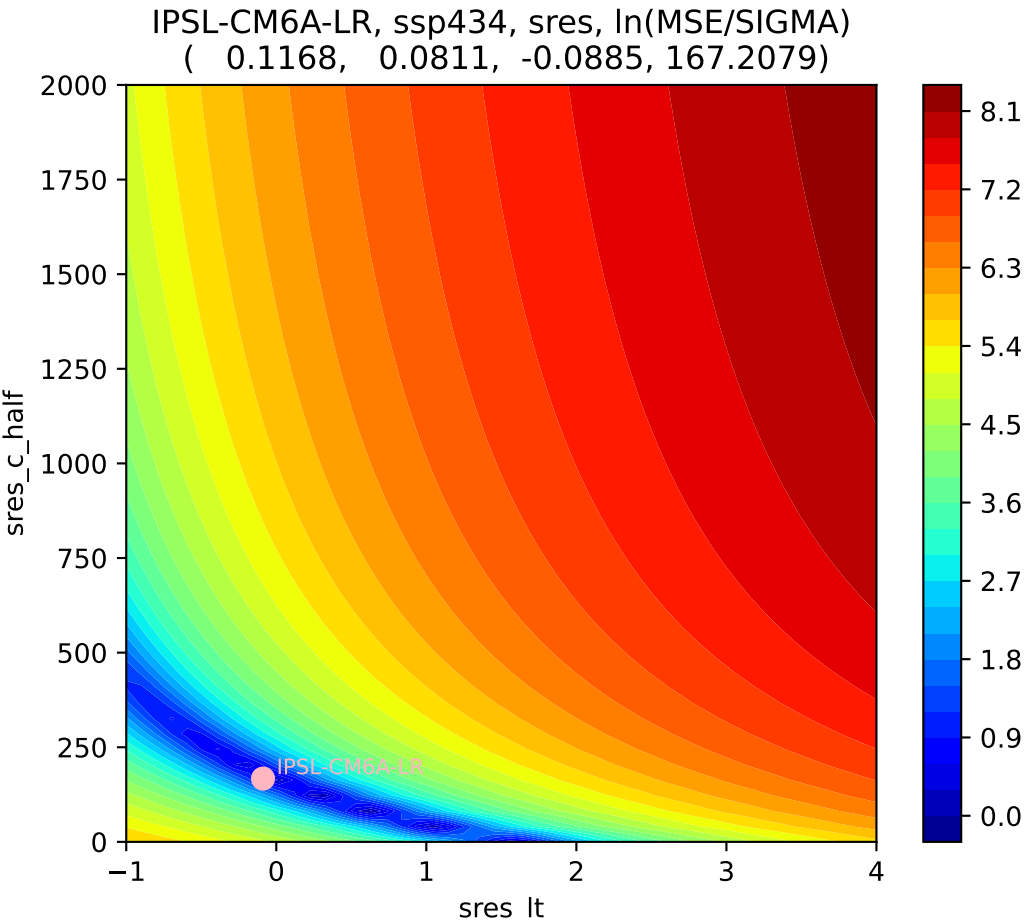

IPSL-CM6A-LR, ssp434, sres
ESM
Fit
sres
ΔT

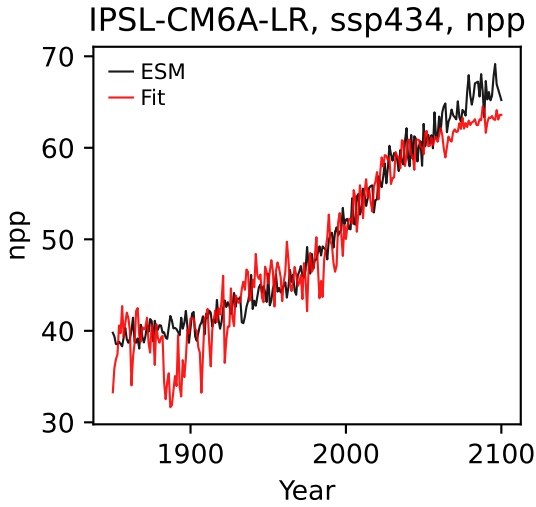

IPSL-CM6A-LR, ssp434, sres
ESM-Fit
sres, ESM - FIT
ΔT

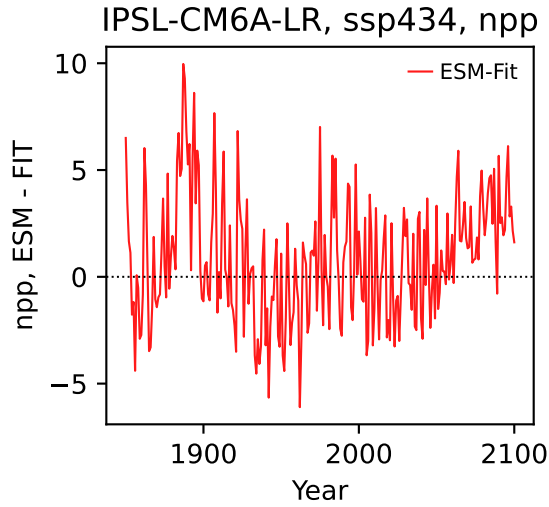

IPSL-CM6A-LR, ssp434, sres
ESM
Fit
sres
c_atm

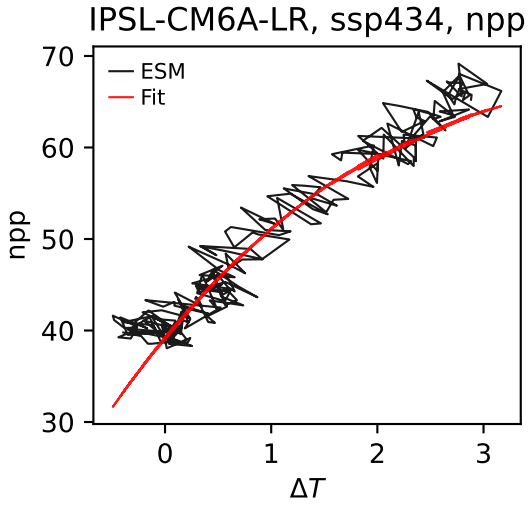

IPSL-CM6A-LR, ssp434, sres
ESM-Fit
sres, ESM - FIT
c_atm

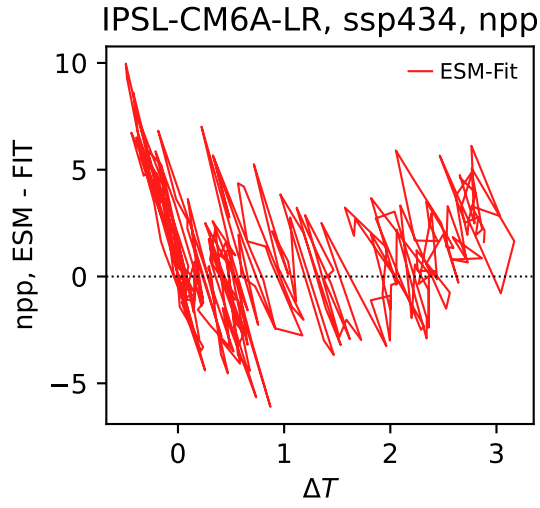

IPSL-CM6A-LR, ssp434, sres, ln(MSE/SIGMA)
(0.1168, 0.0811, -0.0885, 167.2079)
IPSL-CM6A-LR
sres_ste
sres_sts
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
27
24
21
18
15
12
9
6
3
0

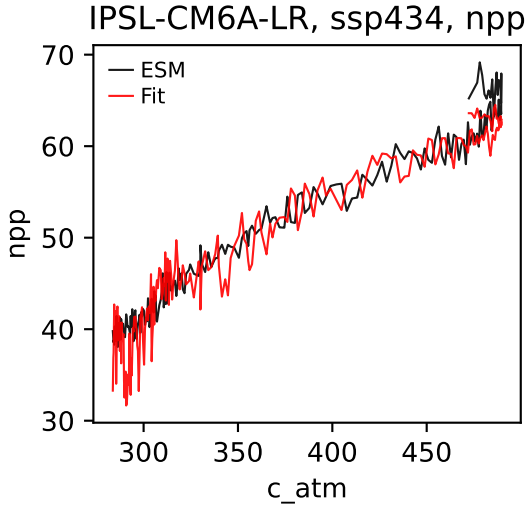

IPSL-CM6A-LR, ssp434, sres, ln(MSE/SIGMA)
(0.1168, 0.0811, -0.0885, 167.2079)
2000
1750
1500
1250
1000
750
500
250
0
sres_c_half
−1
0
1
2
3
4
sres_lt
IPSL-CM6A-LR
8.1
7.2
6.3
5.4
4.5
3.6
2.7
1.8
0.9
0.0

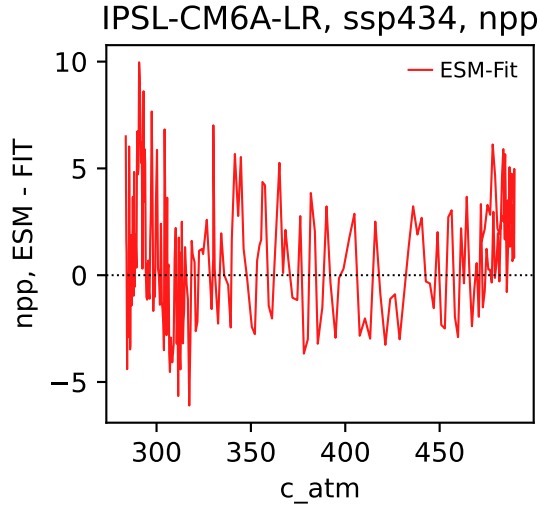

IPSL-CM6A-LR, ssp434, npp
ESM
Fit
npp
Year

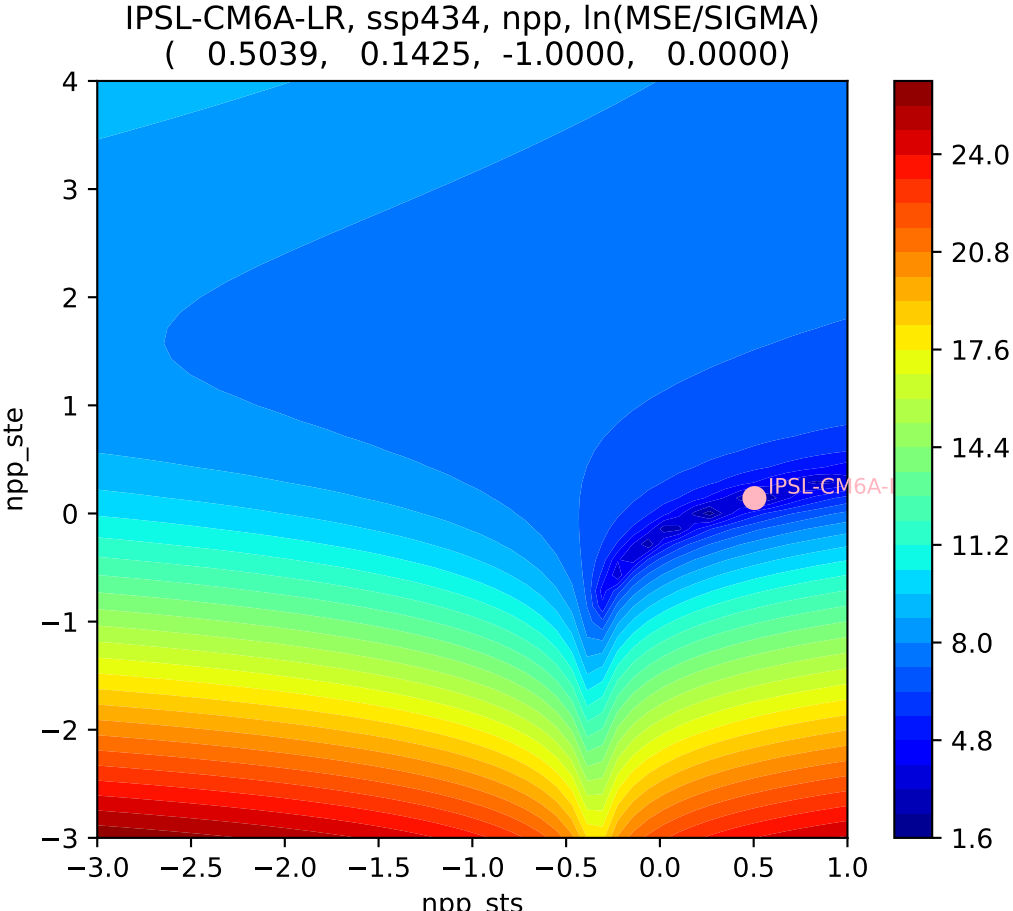

IPSL-CM6A-LR, ssp434, npp
ESM-Fit
npp, ESM - FIT
Year

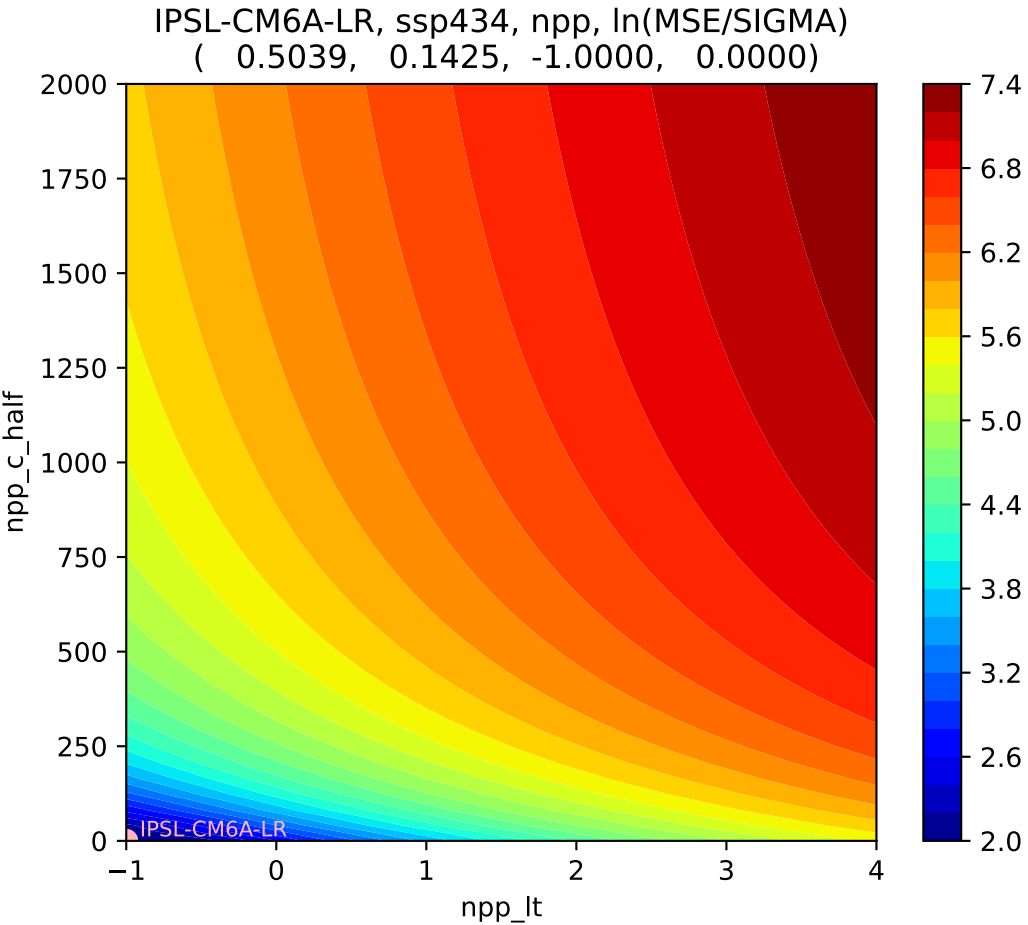

IPSL-CM6A-LR, ssp434, npp
ESM
Fit
npp
ΔT

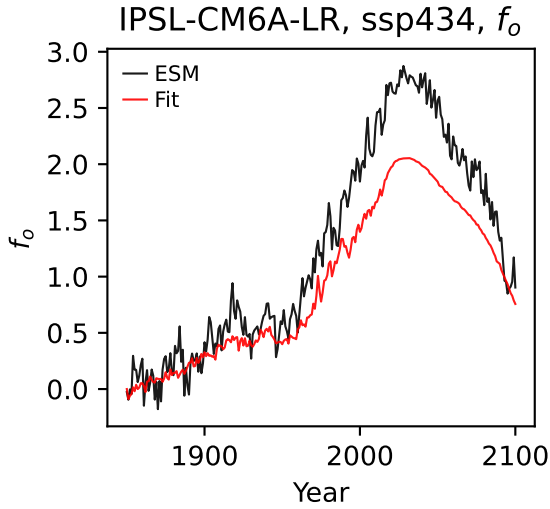

IPSL-CM6A-LR, ssp434, npp
ESM-Fit
npp, ESM - FIT
ΔT

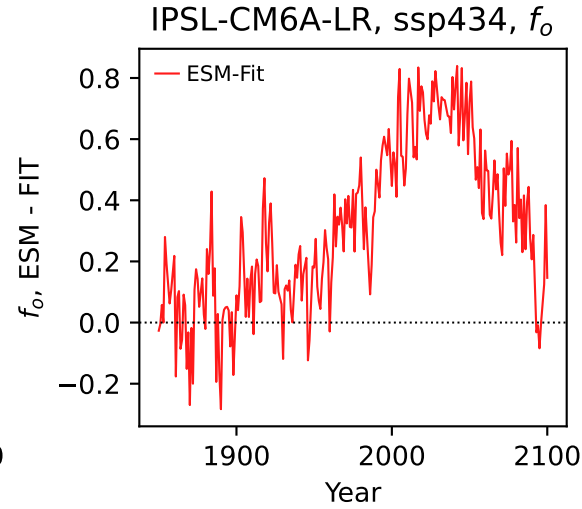

IPSL-CM6A-LR, ssp434, npp
ESM
Fit
npp
c_atm

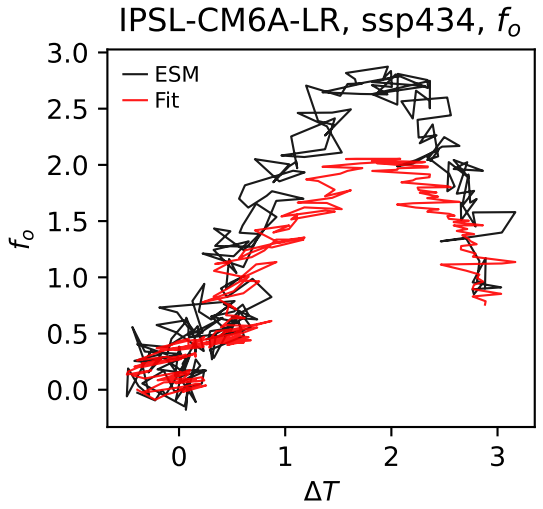

IPSL-CM6A-LR, ssp434, npp
ESM-Fit
npp, ESM - FIT
c_atm

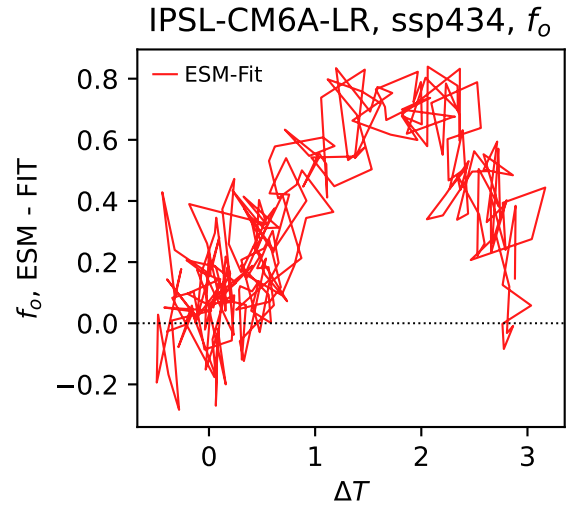

IPSL-CM6A-LR, ssp434, npp, ln(MSE/SIGMA)
(0.5039, 0.1425, -1.0000, 0.0000)
npp_ste
npp_sts
4
3
2
1
0
−1
−2
−3
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
24.0
20.8
17.6
14.4
11.2
8.0
4.8
1.6

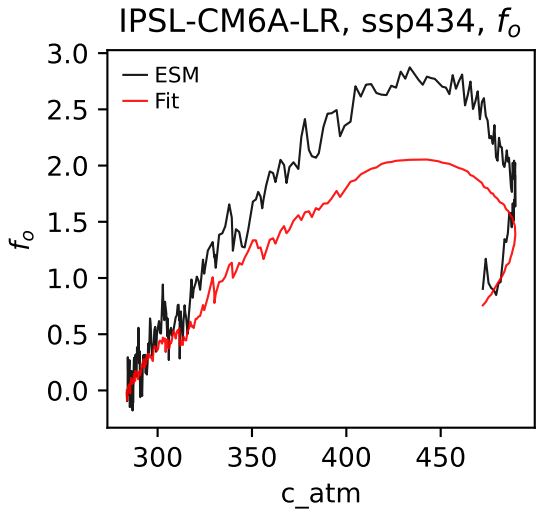

IPSL-CM6A-LR, ssp434, npp, ln(MSE/SIGMA)
(0.5039, 0.1425, -1.0000, 0.0000)
2000
1750
1500
1250
1000
750
500
250
0
npp_c_half
−1
0
1
2
3
4
npp_lt
IPSL-CM6A-LR
7.4
6.8
6.2
5.6
5.0
4.4
3.8
3.2
2.6
2.0

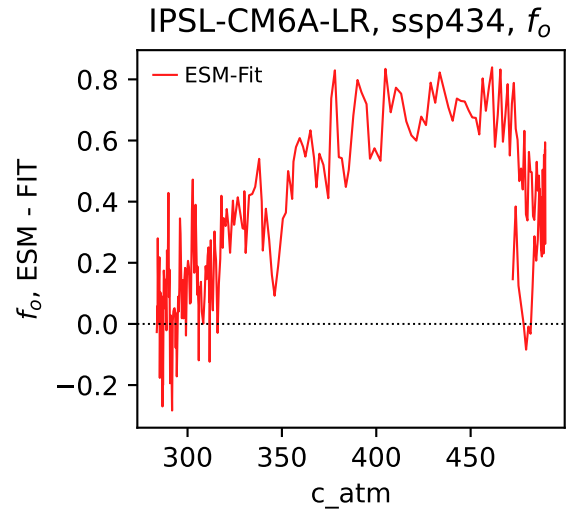

IPSL-CM6A-LR, ssp434, f_o
ESM
Fit
f_o
Year

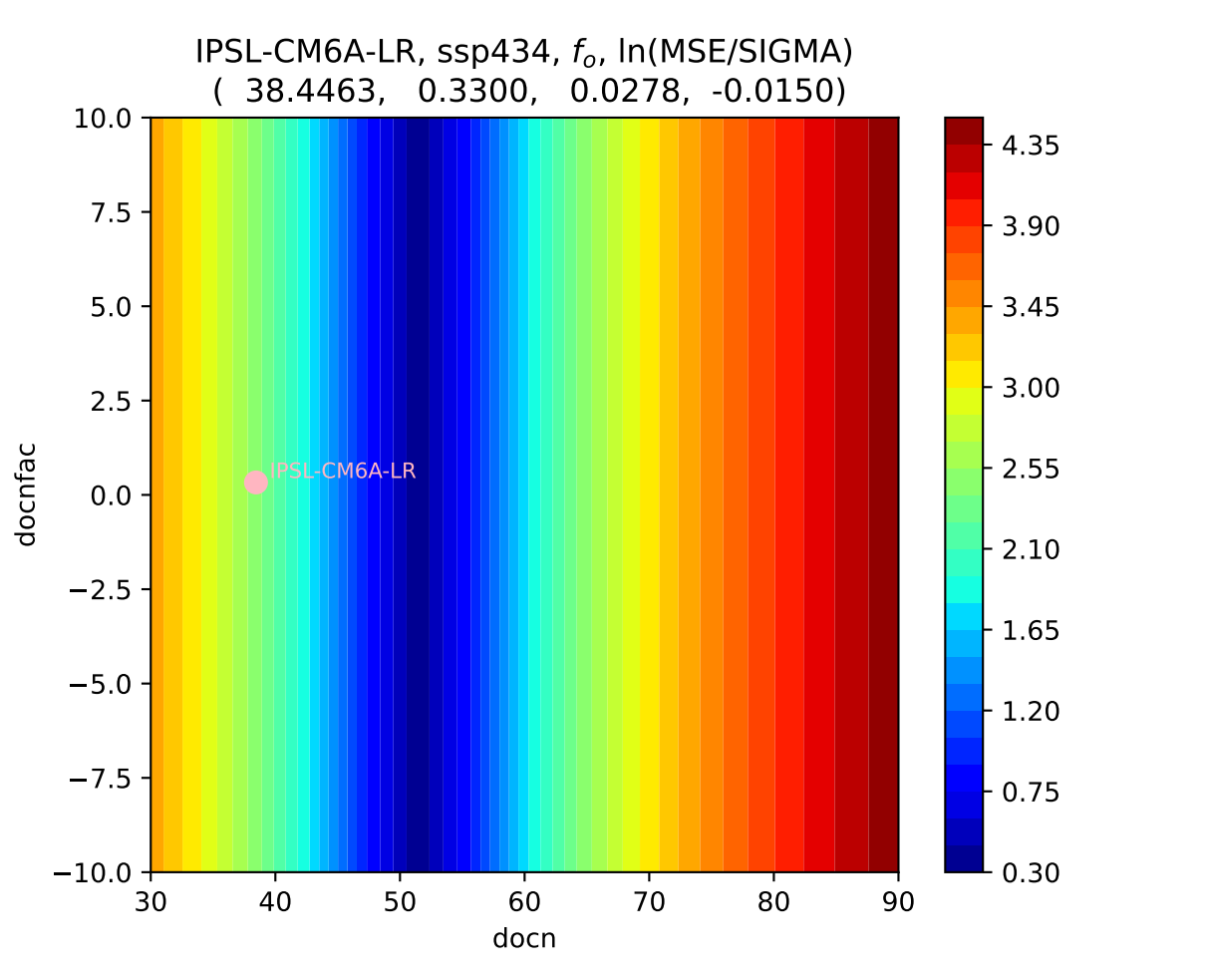

IPSL-CM6A-LR, ssp434, f_o
ESM-Fit
f_o, ESM - FIT
Year

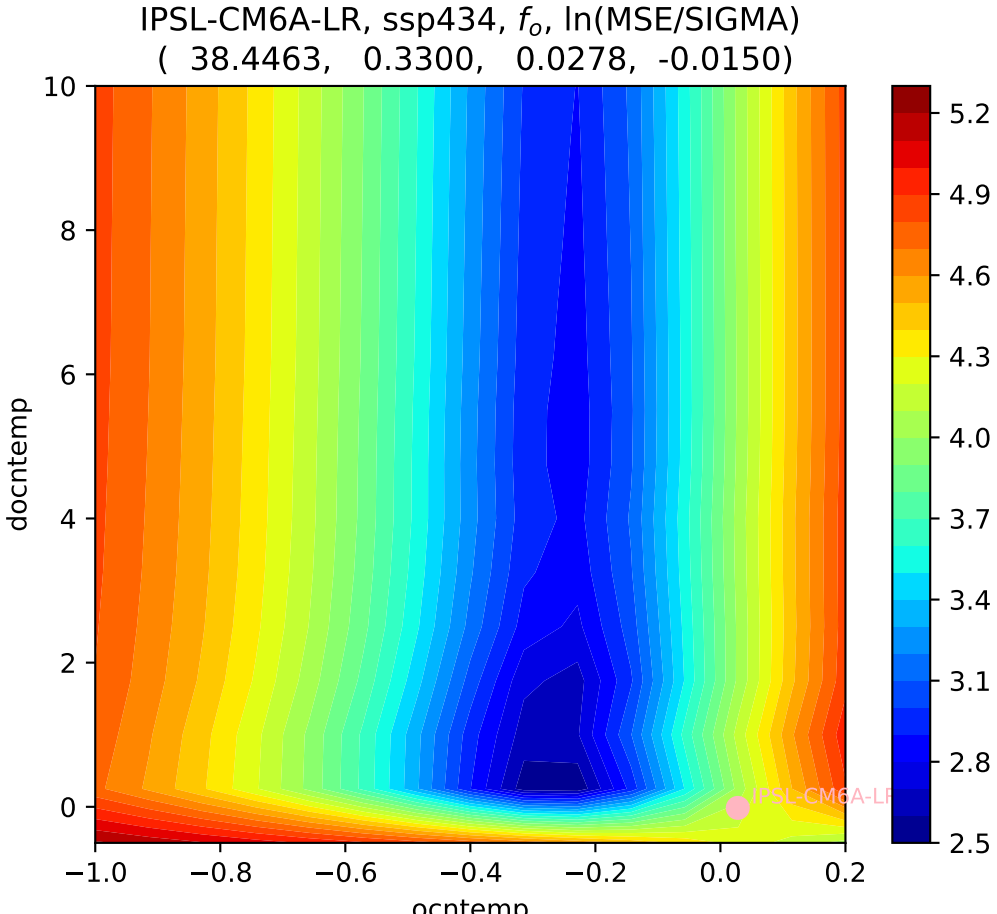

IPSL-CM6A-LR, ssp434, f_o
ESM
Fit
f_o
ΔT


IPSL-CM6A-LR, ssp434, f_o
ESM-Fit
f_o, ESM - FIT
ΔT


IPSL-CM6A-LR, ssp434, f_o
ESM
Fit
f_o
c_atm


IPSL-CM6A-LR, ssp434, f_o
ESM-Fit
f_o, ESM - FIT
c_atm


IPSL-CM6A-LR, ssp434, f_o, ln(MSE/SIGMA)
(38.4463, 0.3300, 0.0278, -0.0150)
IPSL-CM6A-LR
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
4.35
3.90
3.45
3.00
2.55
2.10
1.65
1.20
0.75
0.30


IPSL-CM6A-LR, ssp434, f_o, ln(MSE/SIGMA)
(38.4463, 0.3300, 0.0278, -0.0150)
docntemp
ocntemp
10
8
6
4
2
0
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
5.2
4.9
4.6
4.3
4.0
3.7
3.4
3.1
2.8
2.5
IPSL-CM6A-LR