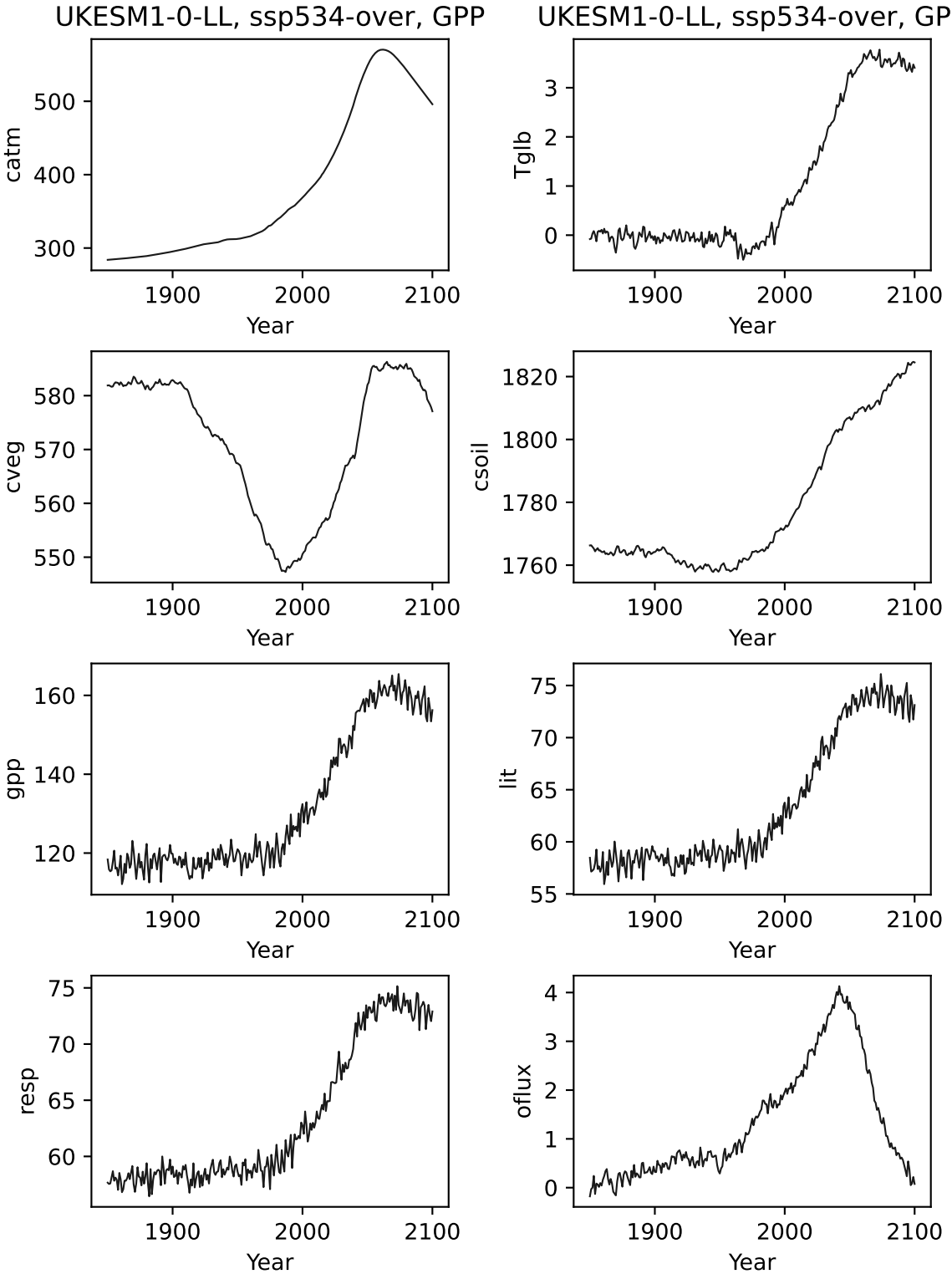
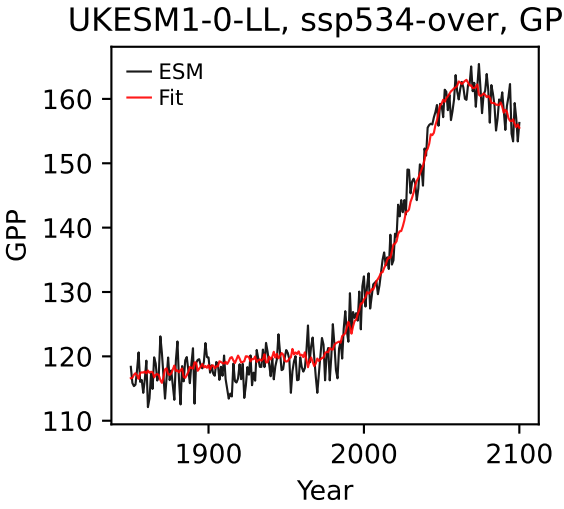
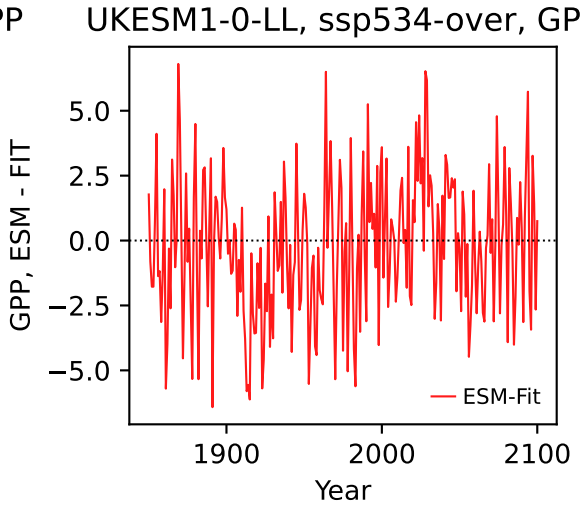
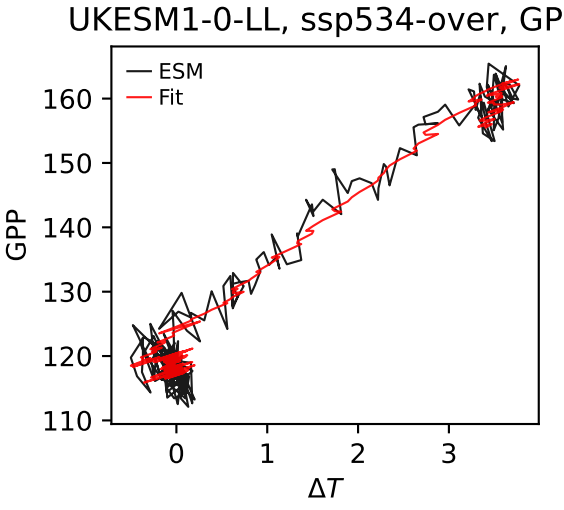
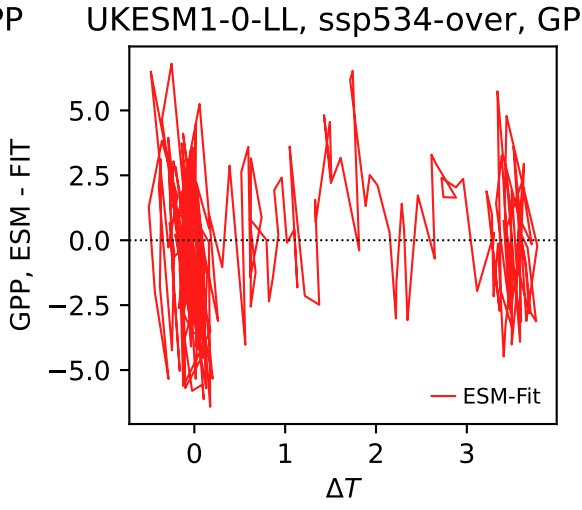
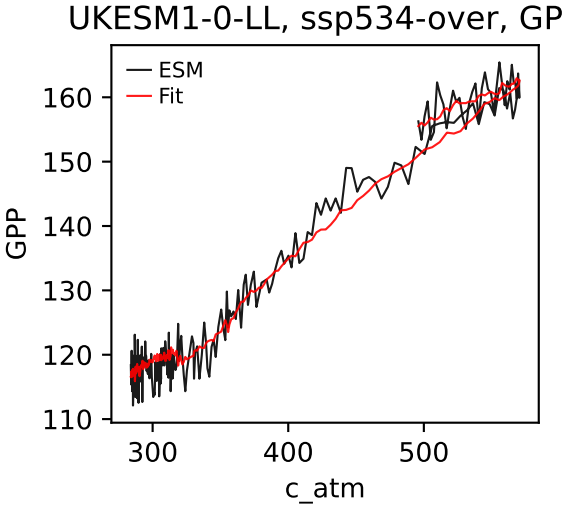

UKESM1-0-LL, ssp534-over, GPP
UKESM1-0-LL, ssp534-over, GPP
catm
Tglb
cveg
csoil
gpp
lit
resp
oflux
Year
1900
2000
2100

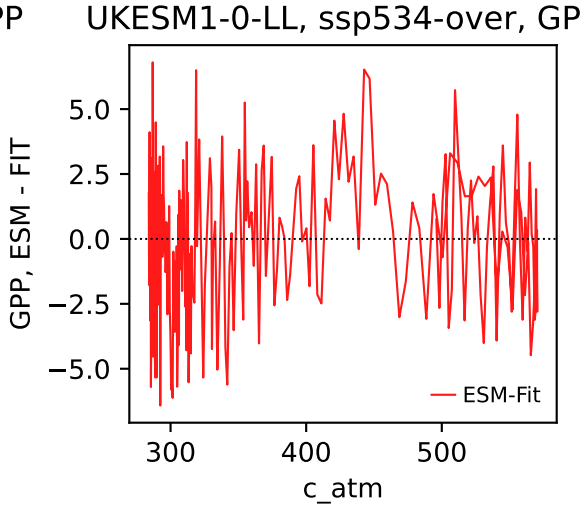

UKESM1-0-LL, ssp534-over, GPP
ESM
Fit
GPP
Year

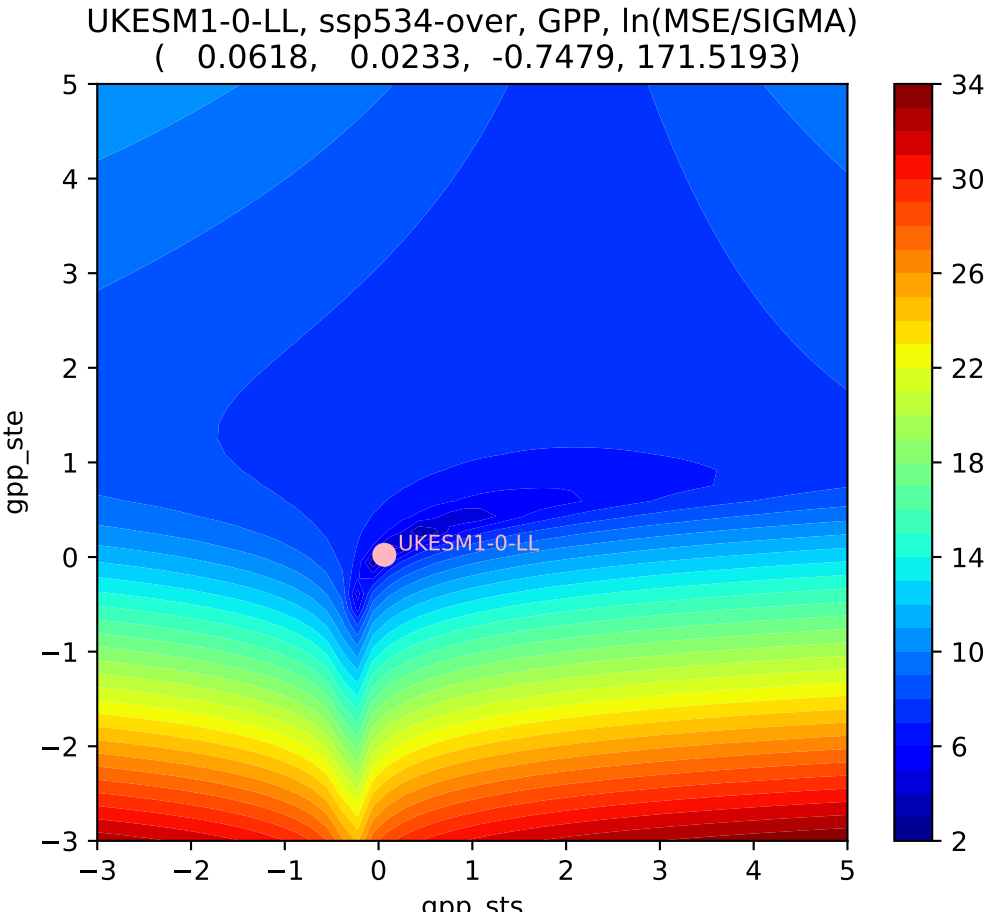

UKESM1-0-LL, ssp534-over, GPP
GPP, ESM - FIT
ESM-Fit
Year

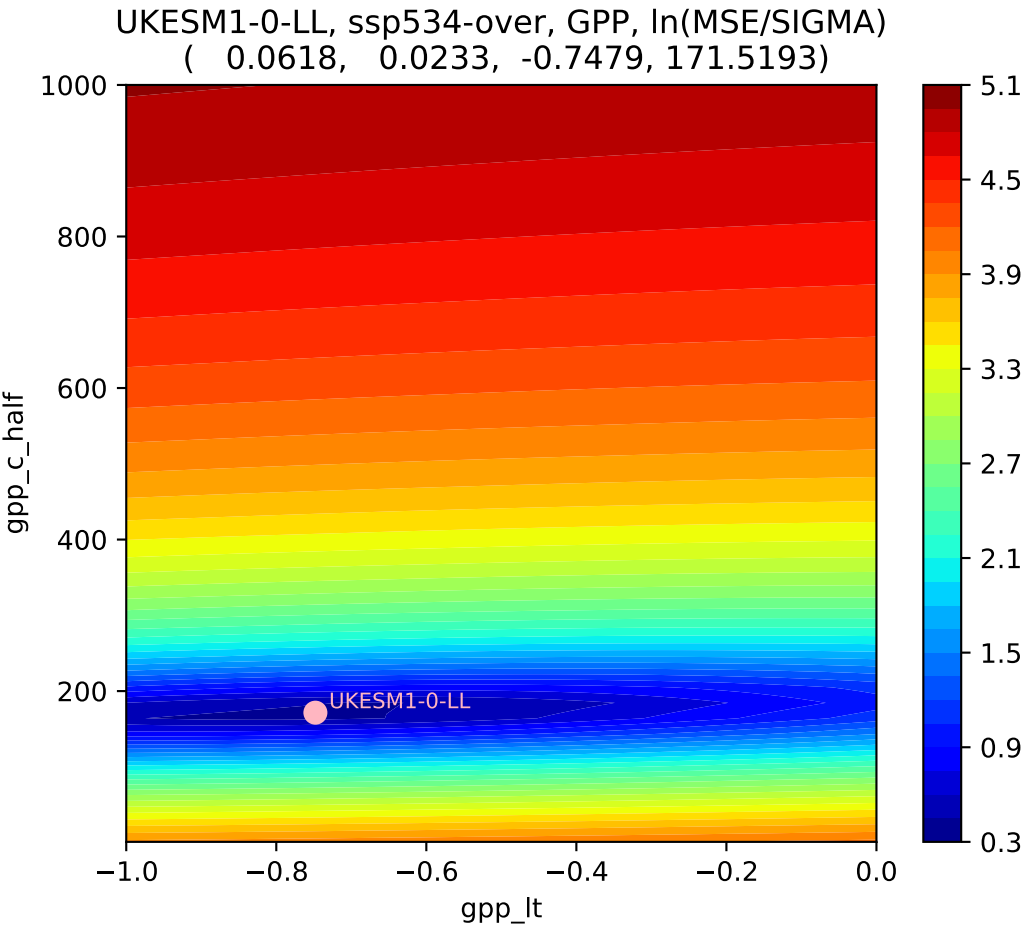

UKESM1-0-LL, ssp534-over, GPP
ESM
Fit
GPP
ΔT

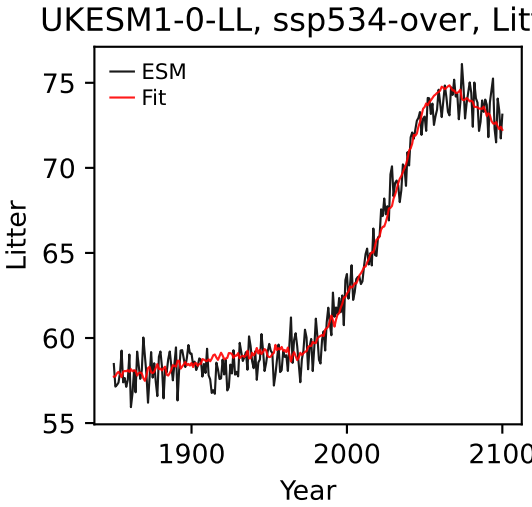

UKESM1-0-LL, ssp534-over, GPP
GPP, ESM - FIT
ESM-Fit
ΔT

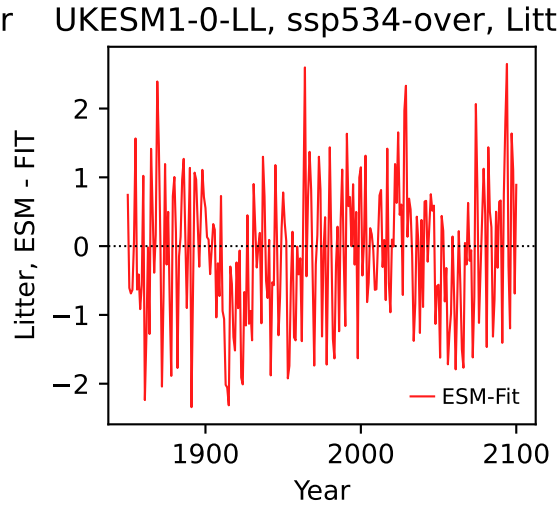

UKESM1-0-LL, ssp534-over, GPP
ESM
Fit
GPP
c_atm

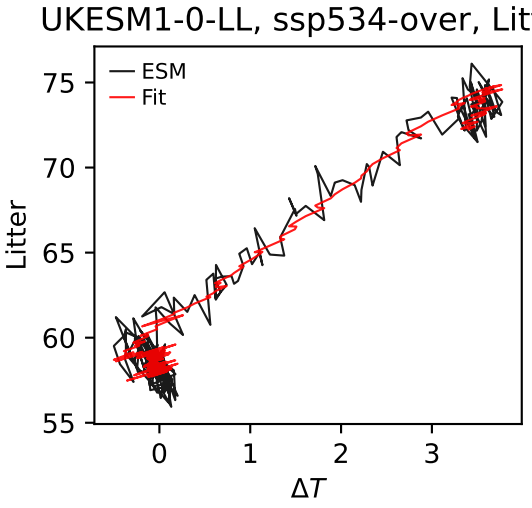

UKESM1-0-LL, ssp534-over, GPP
GPP, ESM - FIT
ESM-Fit
c_atm

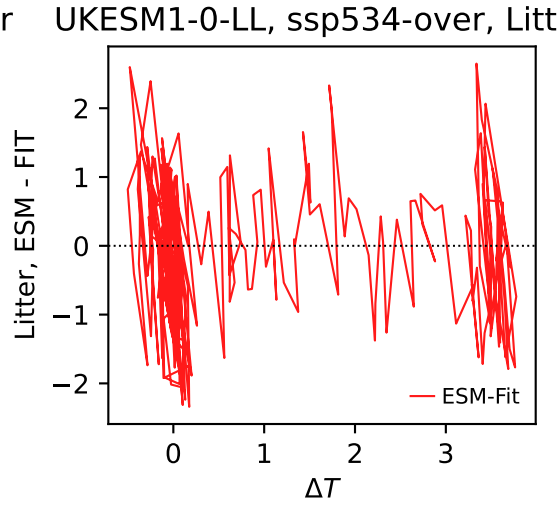

UKESM1-0-LL, ssp534-over, GPP, ln(MSE/SIGMA)
(0.0618, 0.0233, -0.7479, 171.5193)
gpp_ste
gpp_sts
UKESM1-0-LL
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
34
30
26
22
18
14
10
6
2

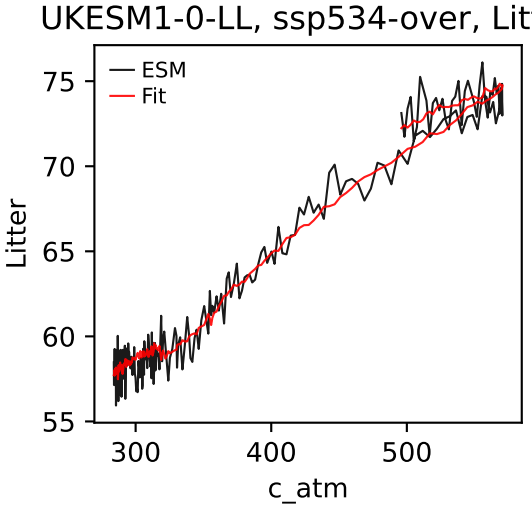

UKESM1-0-LL, ssp534-over, GPP, ln(MSE/SIGMA)
(0.0618, 0.0233, -0.7479, 171.5193)
1000
800
600
400
200
gpp_c_half
UKESM1-0-LL
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
gpp_lt
5.1
4.5
3.9
3.3
2.7
2.1
1.5
0.9
0.3

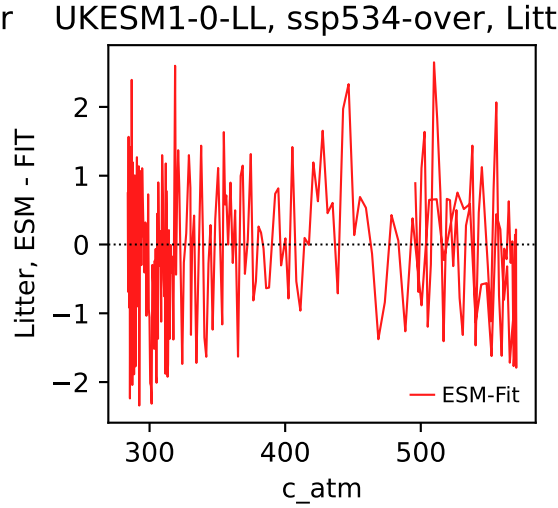

UKESM1-0-LL, ssp534-over, Litter
ESM
Fit
Litter
Year

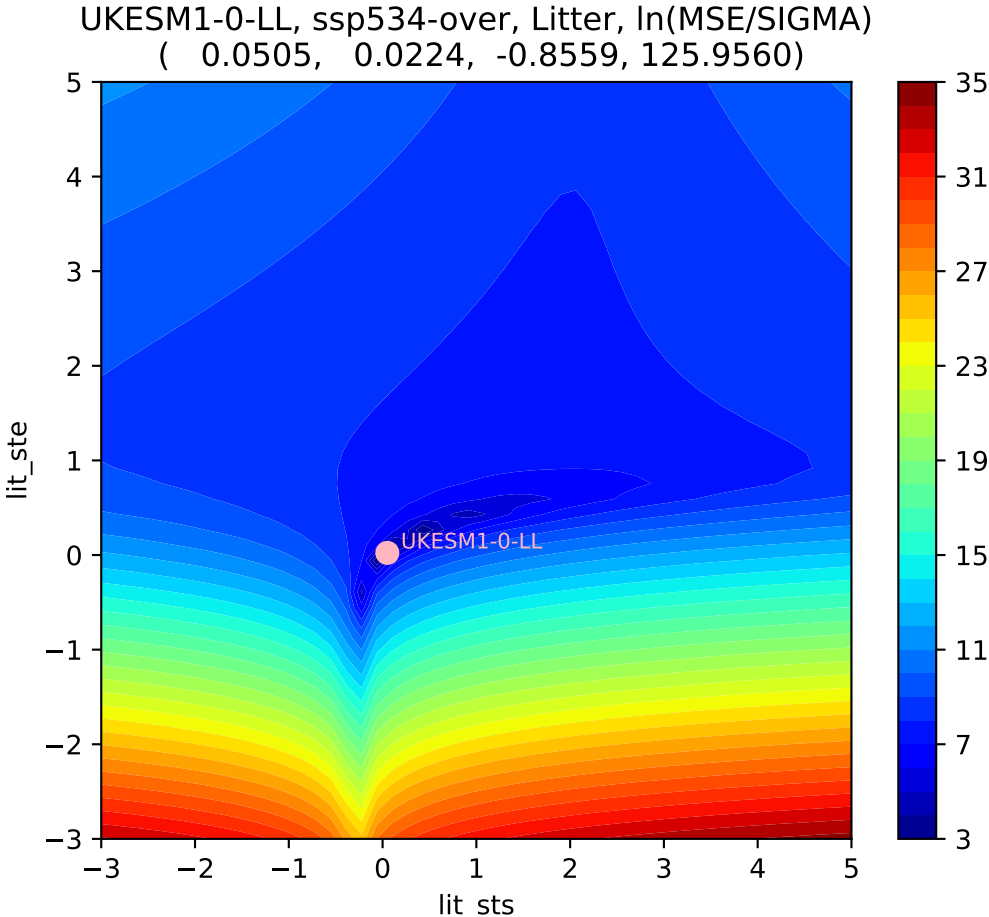

UKESM1-0-LL, ssp534-over, Litte
Litter, ESM - FIT
ESM-Fit
Year

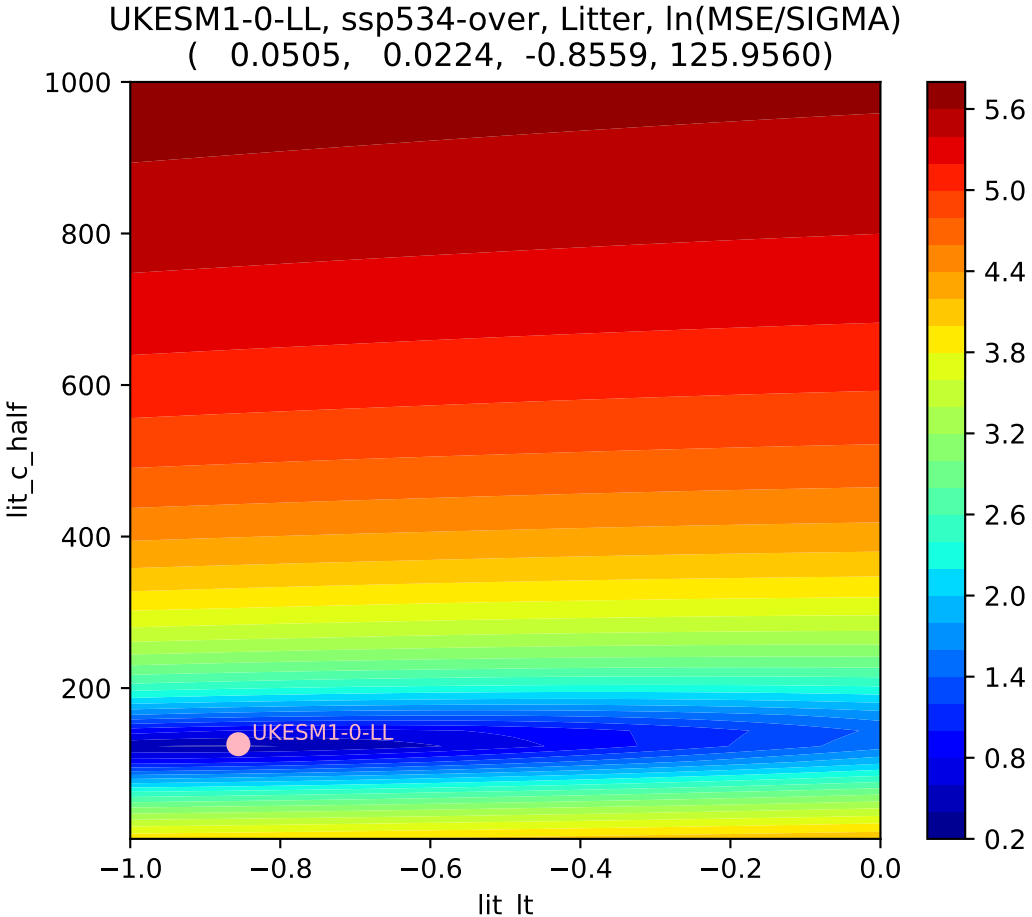

UKESM1-0-LL, ssp534-over, Litter
ESM
Fit
Litter
ΔT

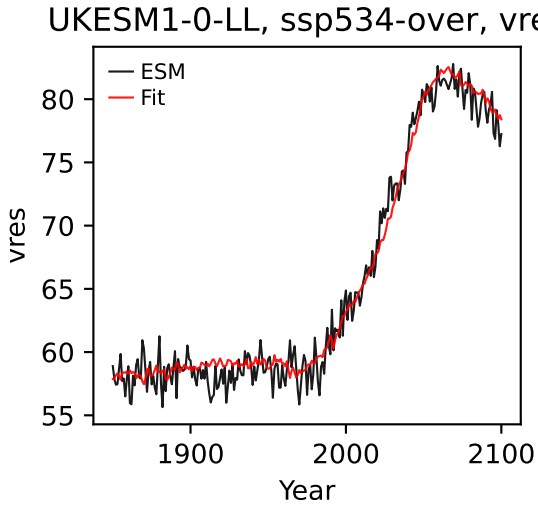

UKESM1-0-LL, ssp534-over, Litte
Litter, ESM - FIT
ESM-Fit
ΔT

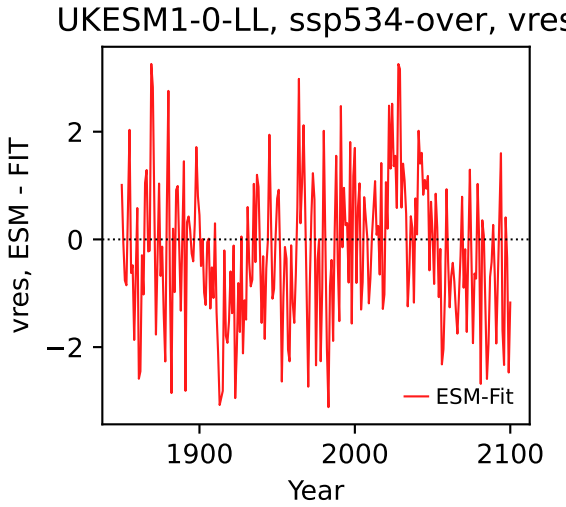

UKESM1-0-LL, ssp534-over, Litter
ESM
Fit
Litter
c_atm

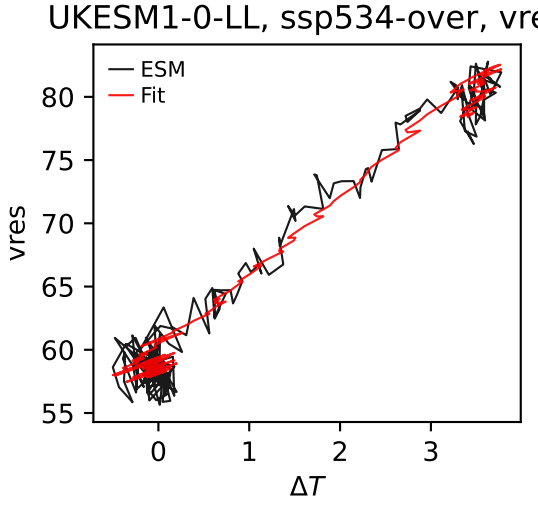

UKESM1-0-LL, ssp534-over, Litte
Litter, ESM - FIT
ESM-Fit
c_atm

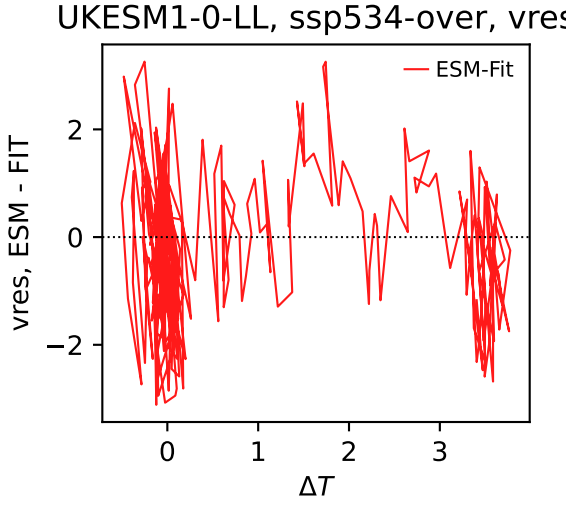

UKESM1-0-LL, ssp534-over, Litter, ln(MSE/SIGMA)
(0.0505, 0.0224, -0.8559, 125.9560)
UKESM1-0-LL
lit_ste
lit_sts
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
35
31
27
23
19
15
11
7
3

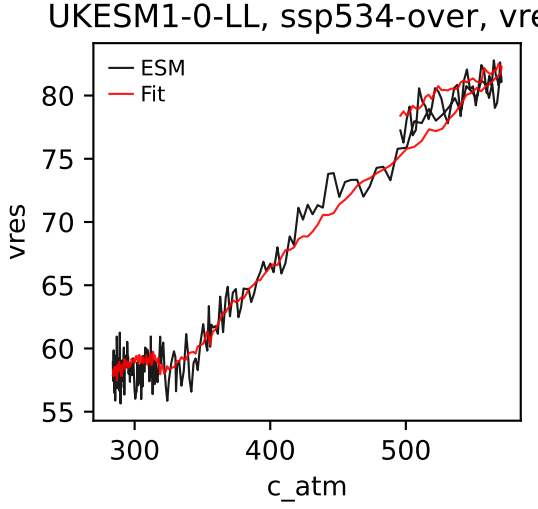

UKESM1-0-LL, ssp534-over, Litter, ln(MSE/SIGMA)
(0.0505, 0.0224, -0.8559, 125.9560)
1000
800
600
400
200
lit_c_half
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
lit_lt
UKESM1-0-LL
5.6
5.0
4.4
3.8
3.2
2.6
2.0
1.4
0.8
0.2

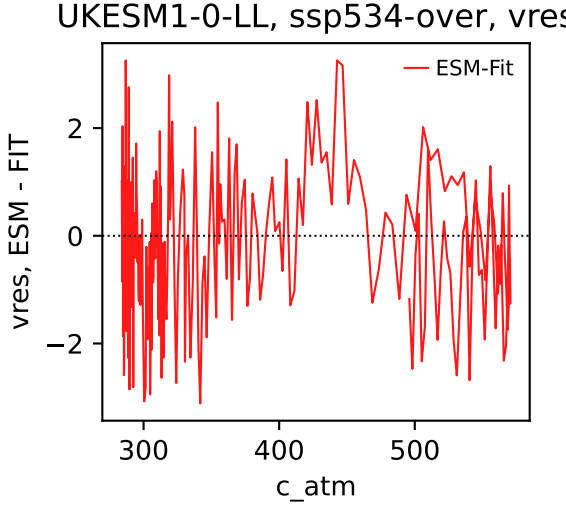

UKESM1-0-LL, ssp534-over, vres
ESM
Fit
vres
Year

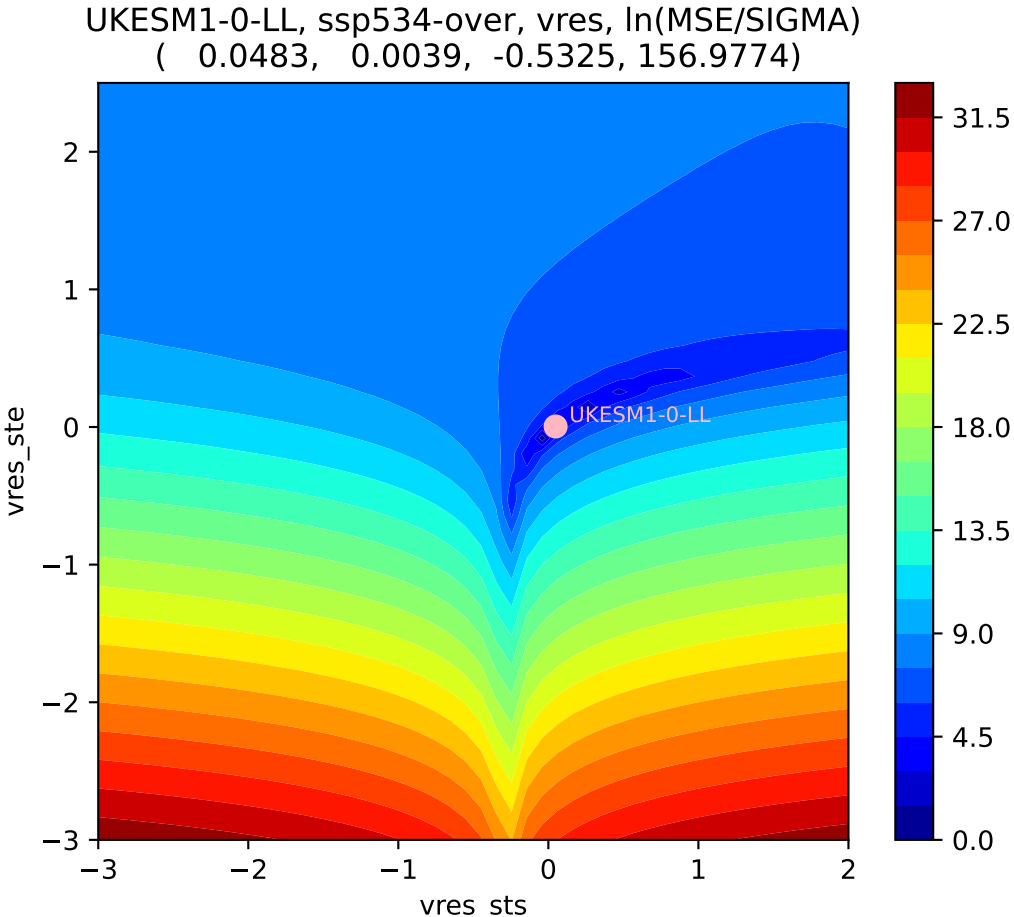

UKESM1-0-LL, ssp534-over, vres
vres, ESM - FIT
ESM-Fit
Year

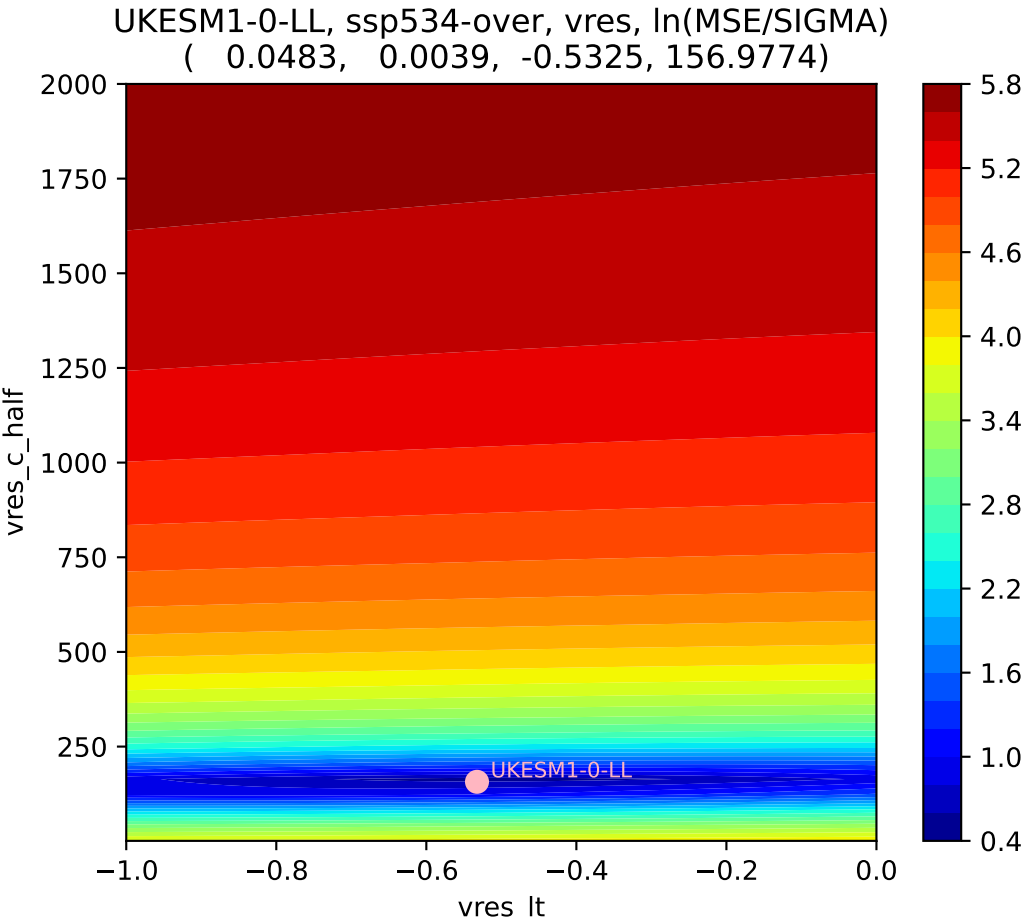

UKESM1-0-LL, ssp534-over, vres
ESM
Fit
vres
ΔT

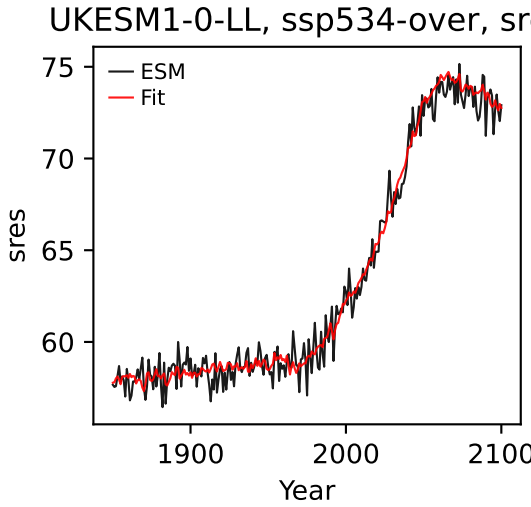

UKESM1-0-LL, ssp534-over, vres
vres, ESM - FIT
ESM-Fit
ΔT

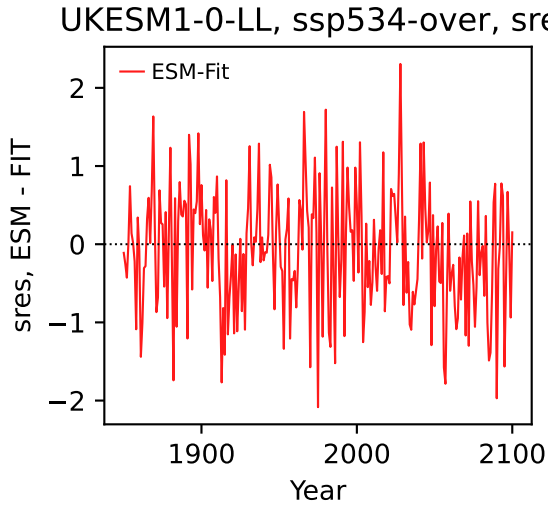

UKESM1-0-LL, ssp534-over, vres
ESM
Fit
vres
c_atm

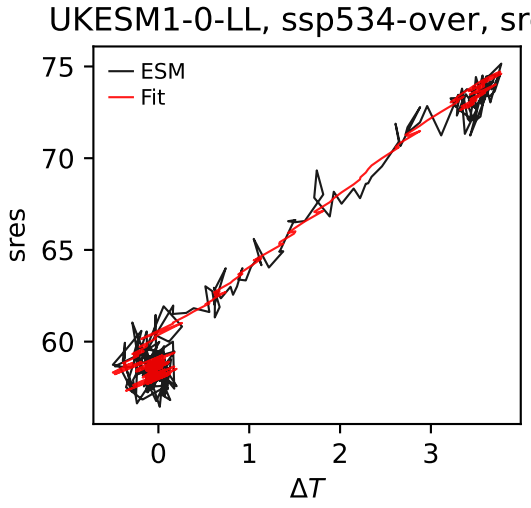

UKESM1-0-LL, ssp534-over, vres
vres, ESM - FIT
ESM-Fit
c_atm

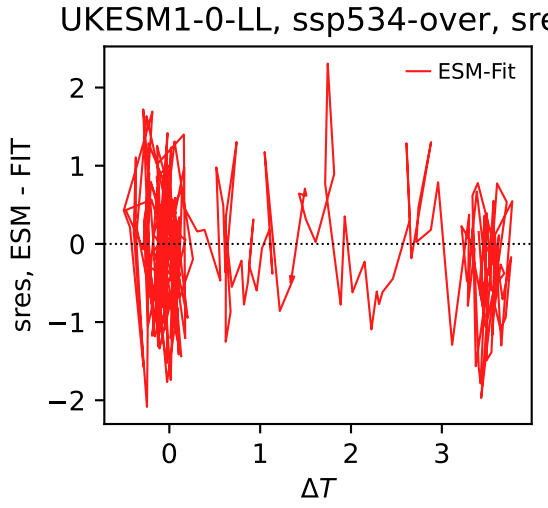

UKESM1-0-LL, ssp534-over, vres, ln(MSE/SIGMA)
(0.0483, 0.0039, -0.5325, 156.9774)
UKESM1-0-LL
vres_ste
vres_sts
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
31.5
27.0
22.5
18.0
13.5
9.0
4.5
0.0

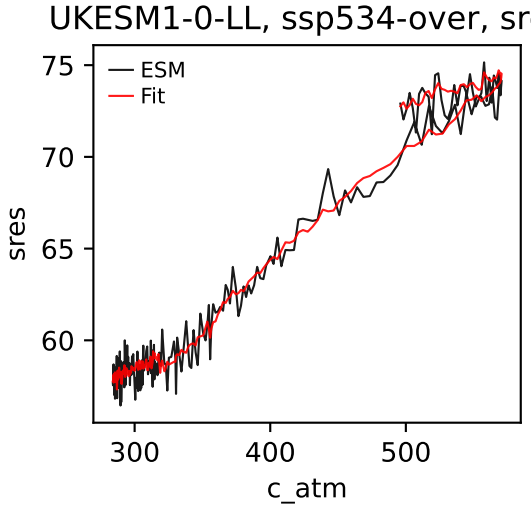

UKESM1-0-LL, ssp534-over, vres, ln(MSE/SIGMA)
(0.0483, 0.0039, -0.5325, 156.9774)
2000
1750
1500
1250
1000
750
500
250
vres_c_half
UKESM1-0-LL
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
vres_lt
5.8
5.2
4.6
4.0
3.4
2.8
2.2
1.6
1.0
0.4

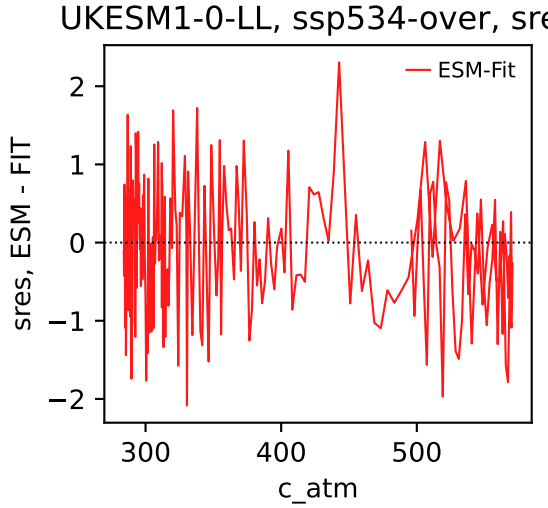

UKESM1-0-LL, ssp534-over, sres
ESM
Fit
sres
Year

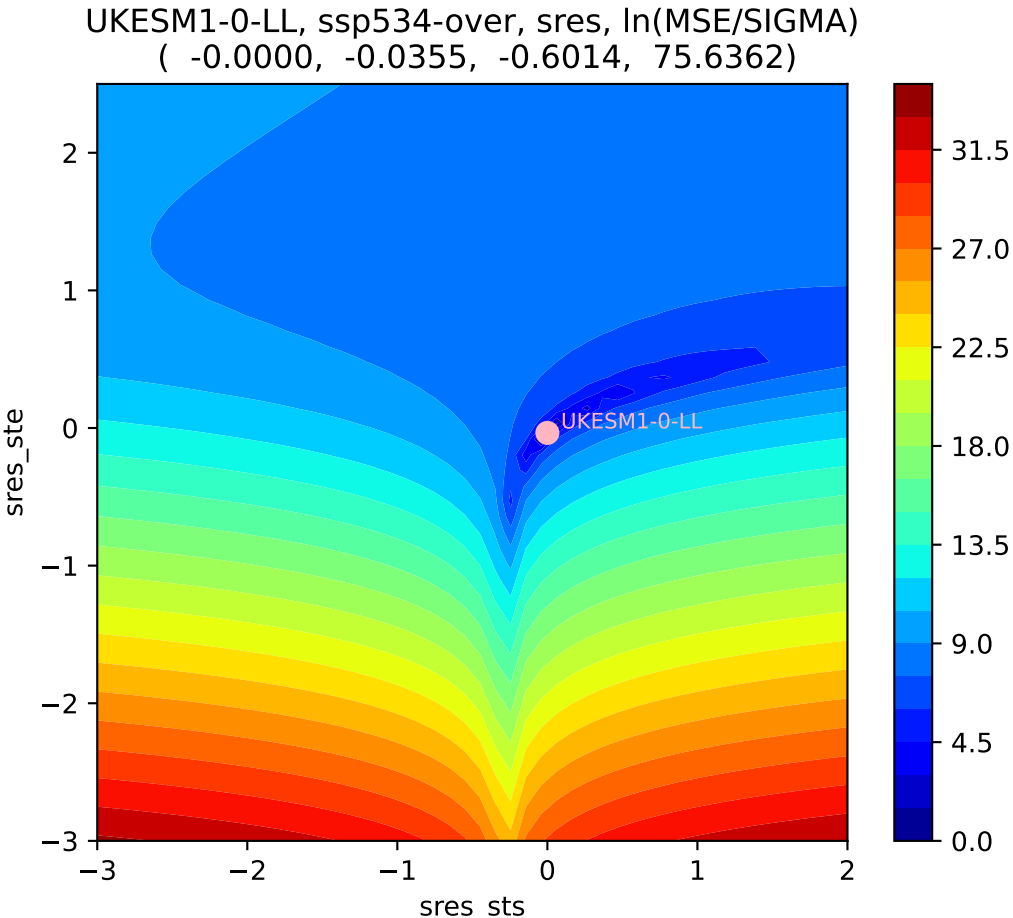

UKESM1-0-LL, ssp534-over, sres
ESM-Fit
sres, ESM - FIT
Year

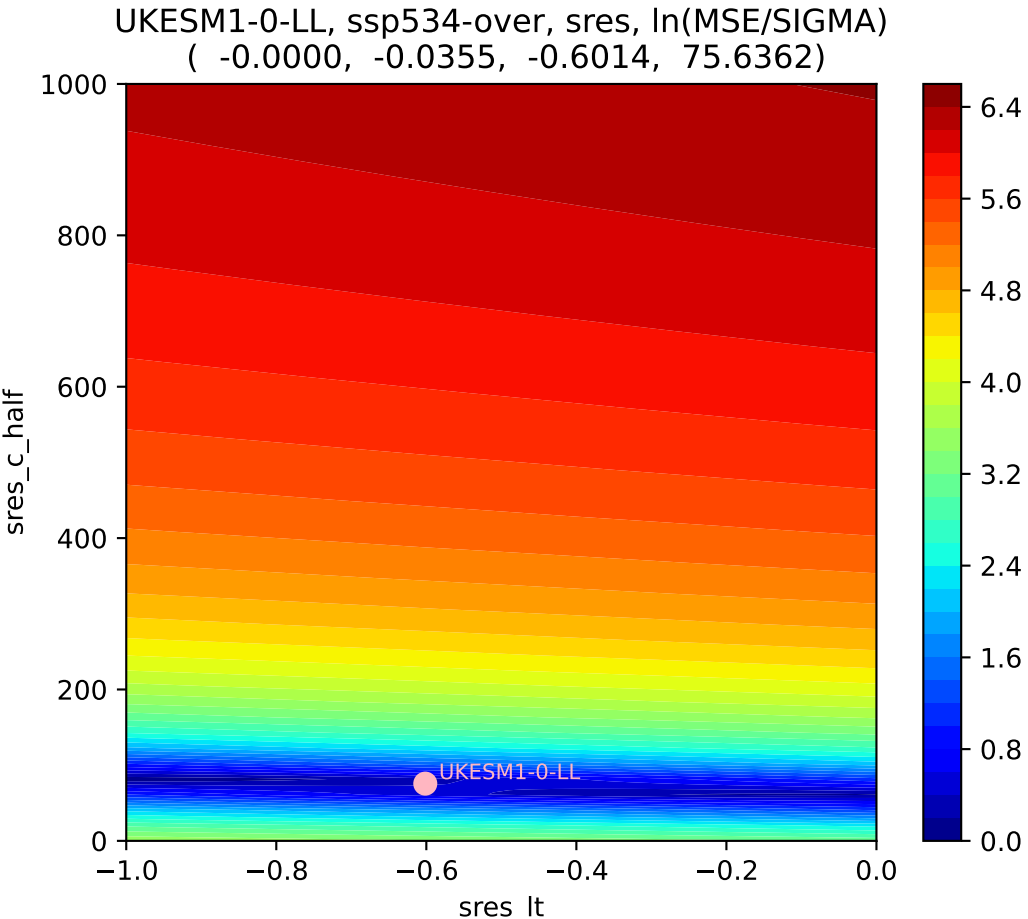

UKESM1-0-LL, ssp534-over, sres
ESM
Fit
sres
ΔT

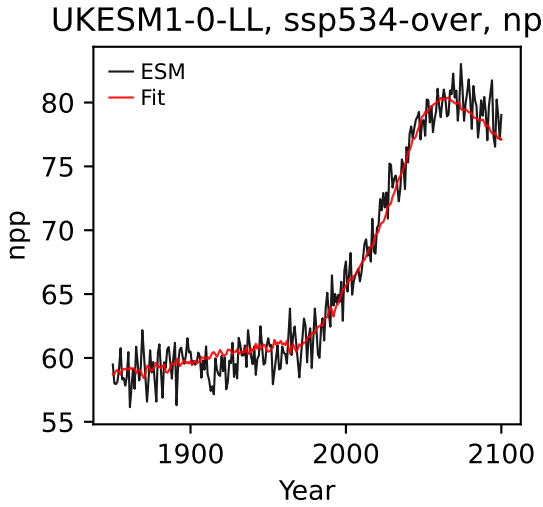

UKESM1-0-LL, ssp534-over, sres
ESM-Fit
sres, ESM - FIT
ΔT

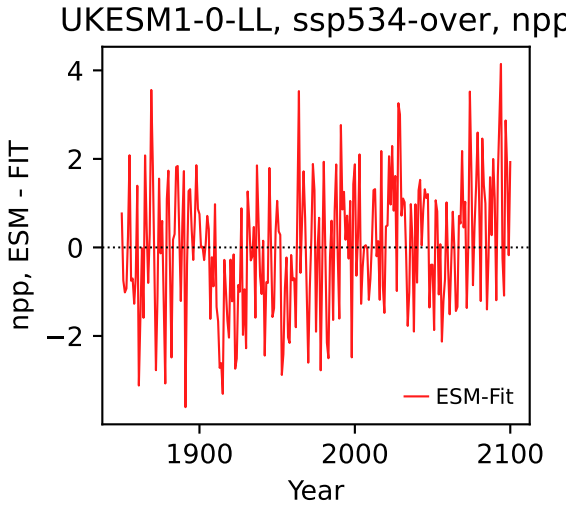

UKESM1-0-LL, ssp534-over, sres
ESM
Fit
sres
c_atm

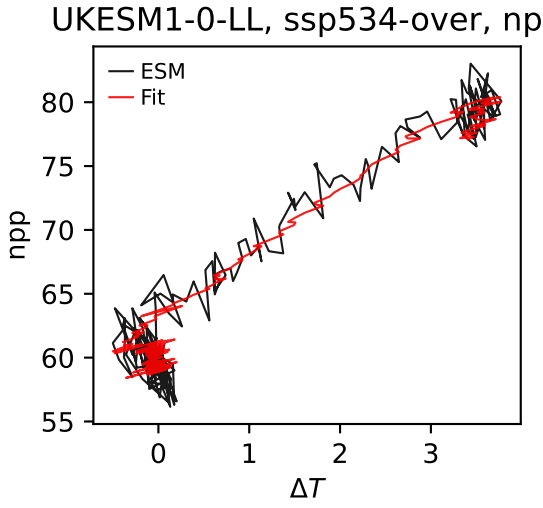

UKESM1-0-LL, ssp534-over, sres
ESM-Fit
sres, ESM - FIT
c_atm

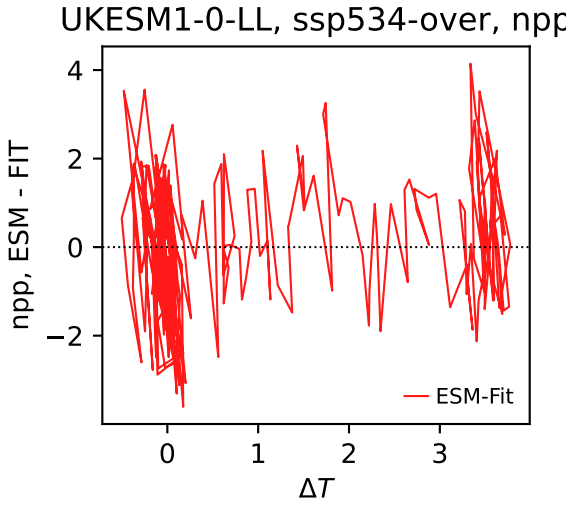

UKESM1-0-LL, ssp534-over, sres, ln(MSE/SIGMA)
(-0.0000, -0.0355, -0.6014, 75.6362)
UKESM1-0-LL
sres_ste
sres_sts
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
31.5
27.0
22.5
18.0
13.5
9.0
4.5
0.0

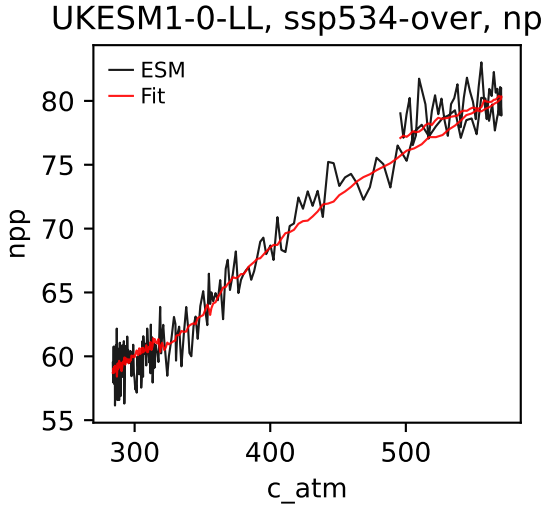

UKESM1-0-LL, ssp534-over, sres, ln(MSE/SIGMA)
(-0.0000, -0.0355, -0.6014, 75.6362)
1000
800
600
400
200
0
sres_c_half
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
sres_lt
UKESM1-0-LL
6.4
5.6
4.8
4.0
3.2
2.4
1.6
0.8
0.0

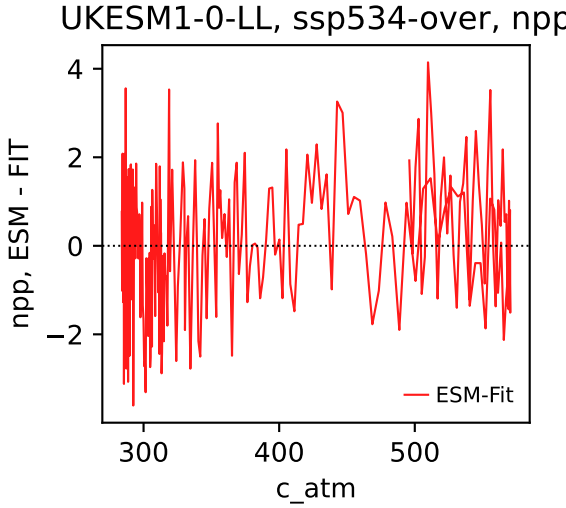

UKESM1-0-LL, ssp534-over, npp
ESM
Fit
npp
Year

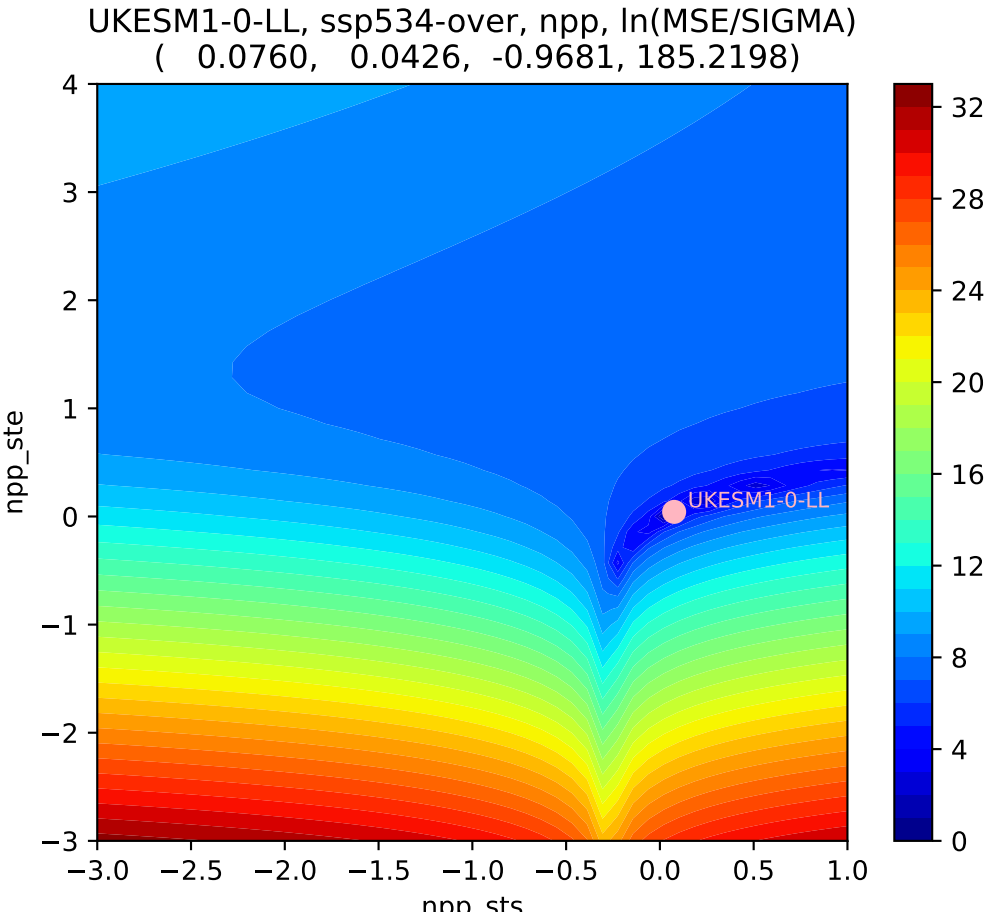

UKESM1-0-LL, ssp534-over, npp
npp, ESM - FIT
ESM-Fit
Year

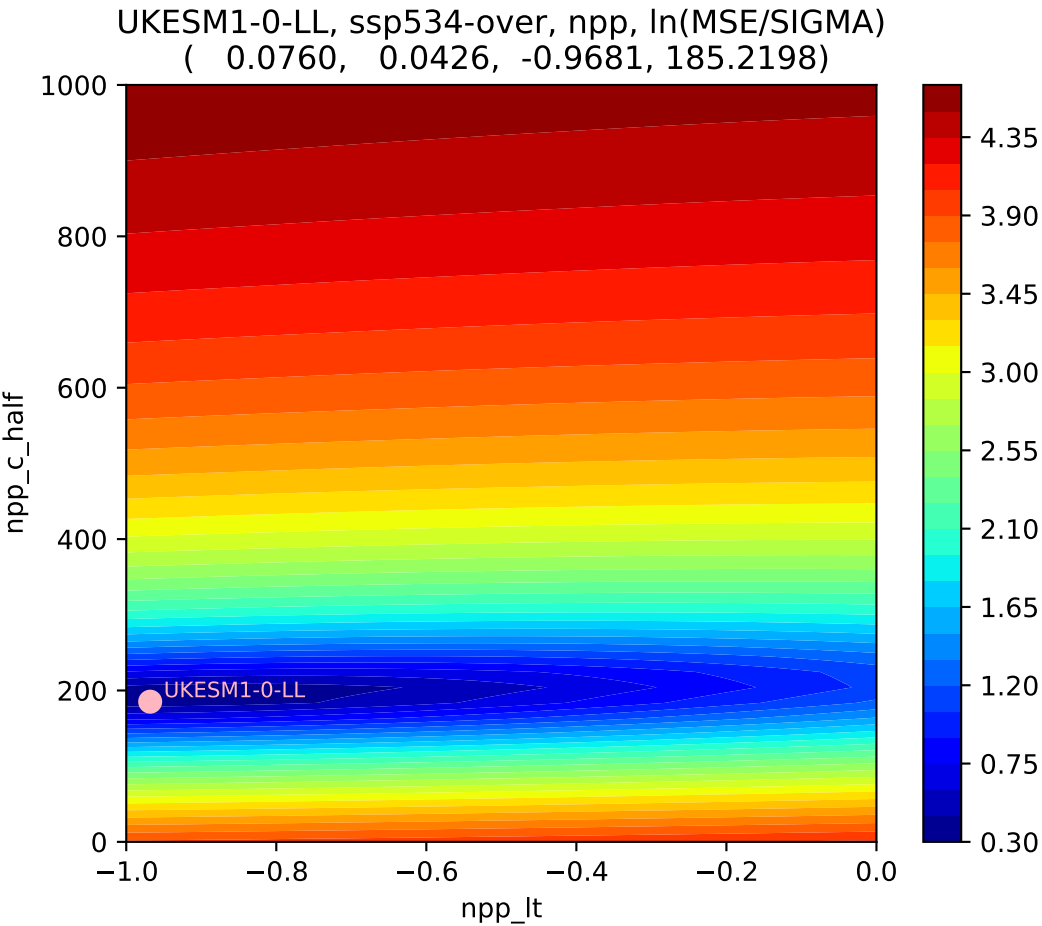

UKESM1-0-LL, ssp534-over, npp
ESM
Fit
npp
ΔT

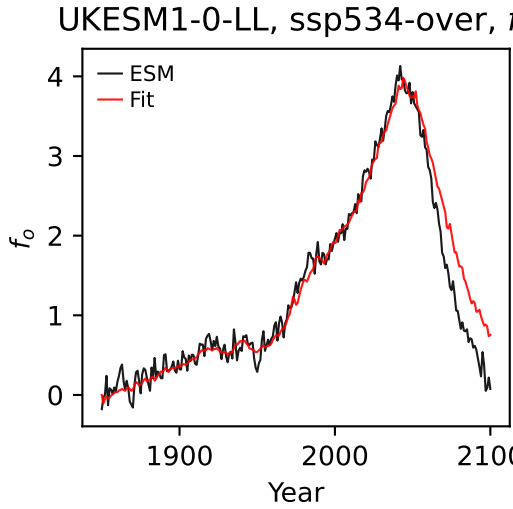

UKESM1-0-LL, ssp534-over, npp
npp, ESM - FIT
ESM-Fit
ΔT

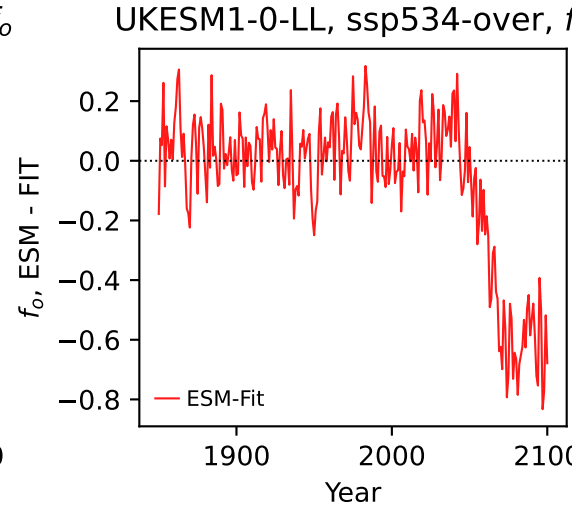

UKESM1-0-LL, ssp534-over, npp
ESM
Fit
npp
c_atm

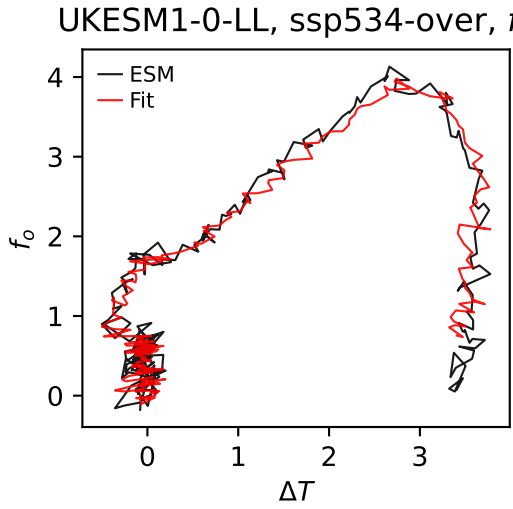

UKESM1-0-LL, ssp534-over, npp
npp, ESM - FIT
ESM-Fit
c_atm

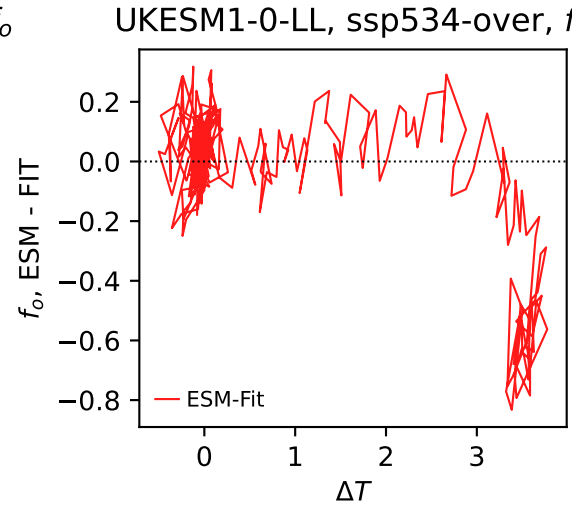

UKESM1-0-LL, ssp534-over, npp, ln(MSE/SIGMA)
(0.0760, 0.0426, -0.9681, 185.2198)
UKESM1-0-LL
npp_ste
npp_sts
4
3
2
1
0
−1
−2
−3
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
32
28
24
20
16
12
8
4
0

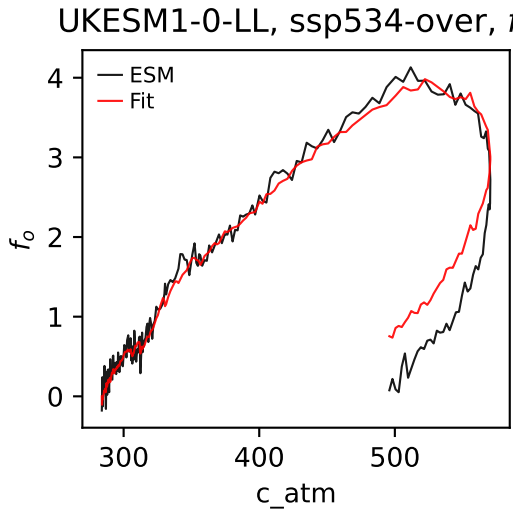

UKESM1-0-LL, ssp534-over, npp, ln(MSE/SIGMA)
(0.0760, 0.0426, -0.9681, 185.2198)
1000
800
600
400
200
0
npp_c_half
UKESM1-0-LL
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
npp_lt
4.35
3.90
3.45
3.00
2.55
2.10
1.65
1.20
0.75
0.30

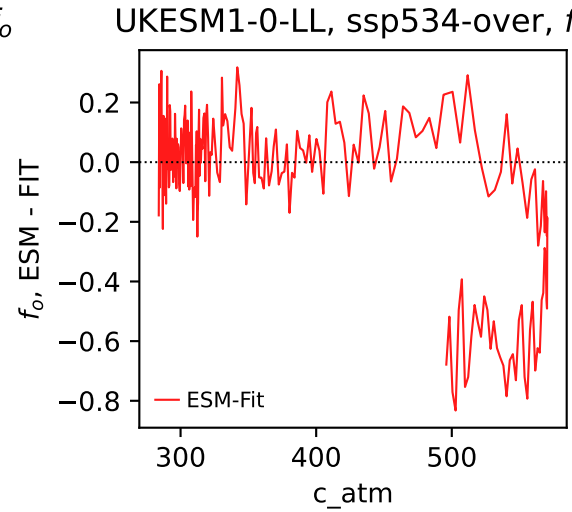

UKESM1-0-LL, ssp534-over, f_o
ESM
Fit
f_o
Year

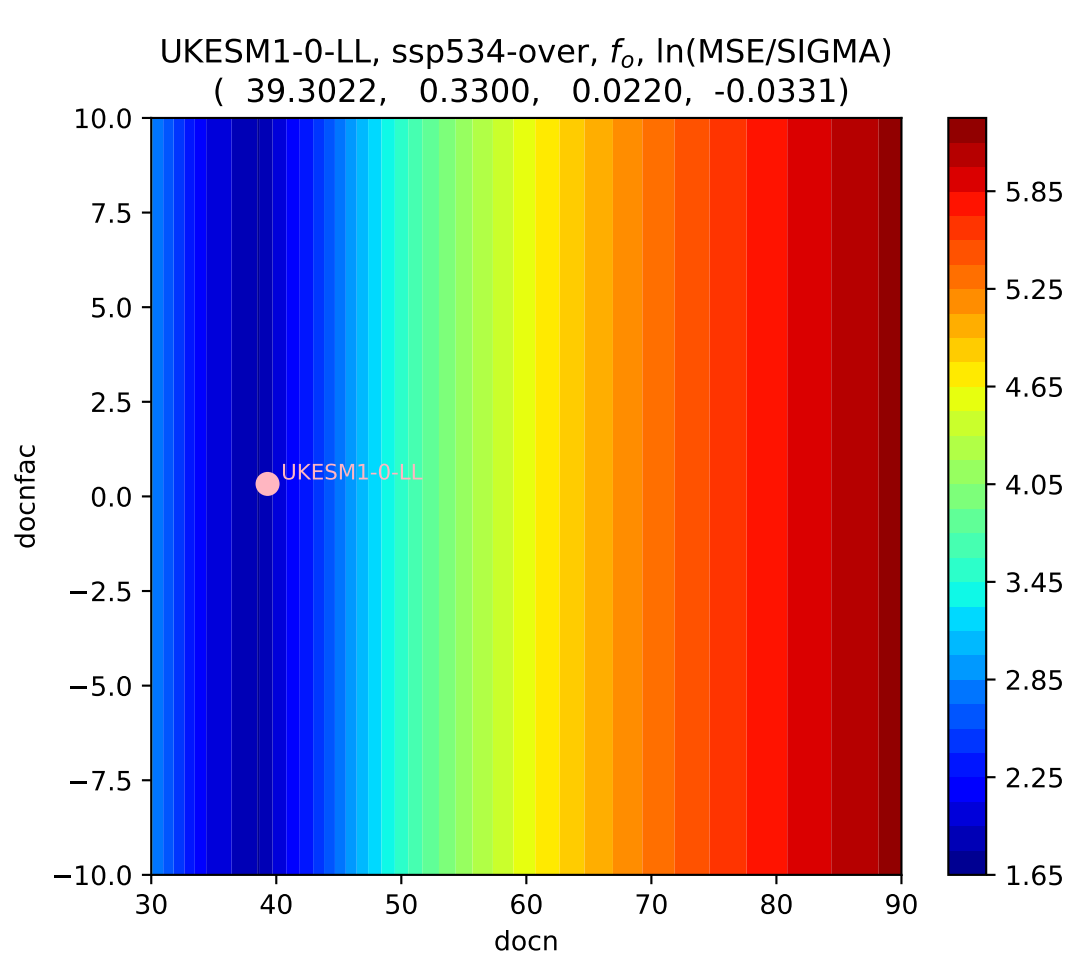

UKESM1-0-LL, ssp534-over, f_o
f_o, ESM - FIT
ESM-Fit
Year

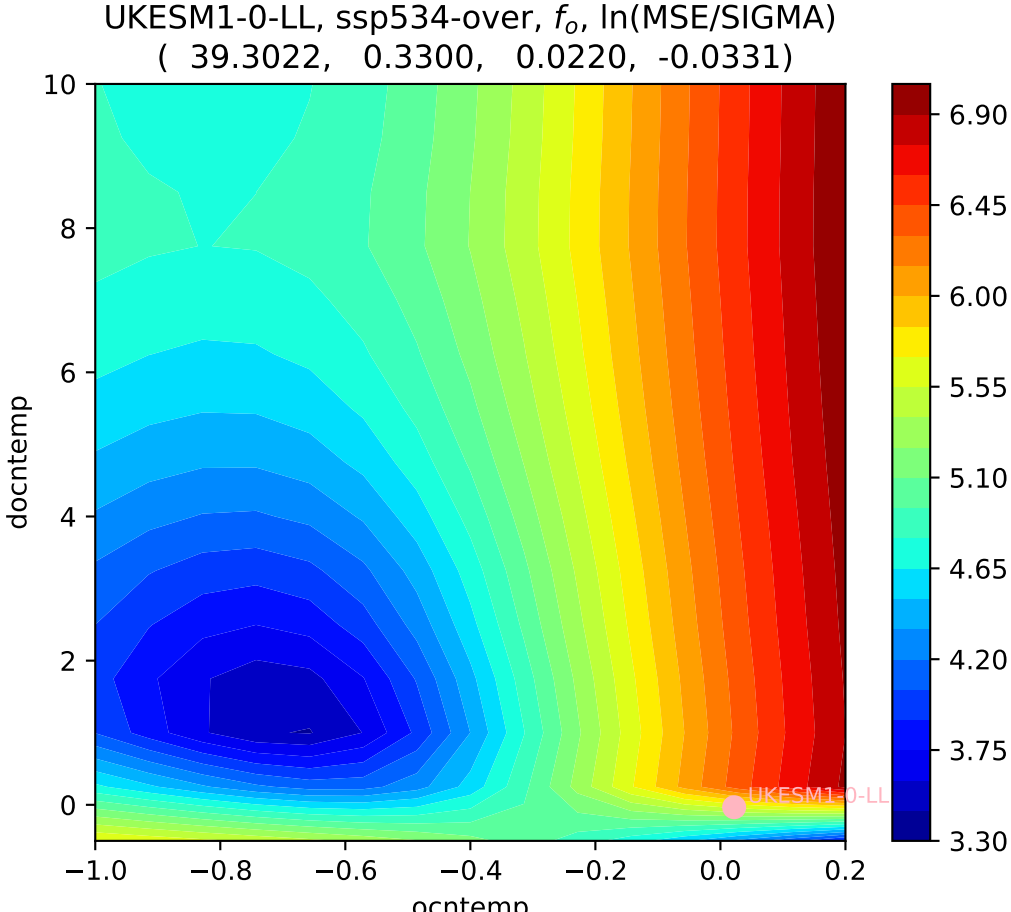

UKESM1-0-LL, ssp534-over, f_o
ESM
Fit
f_o
ΔT


UKESM1-0-LL, ssp534-over, f_o
f_o, ESM - FIT
ESM-Fit
ΔT


UKESM1-0-LL, ssp534-over, f_o
ESM
Fit
f_o
c_atm


UKESM1-0-LL, ssp534-over, f_o
f_o, ESM - FIT
ESM-Fit
c_atm


UKESM1-0-LL, ssp534-over, f_o, ln(MSE/SIGMA)
(39.3022, 0.3300, 0.0220, -0.0331)
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
docnfac
UKESM1-0-LL
30
40
50
60
70
80
90
docn
5.85
5.25
4.65
4.05
3.45
2.85
2.25
1.65


UKESM1-0-LL, ssp534-over, f_o, ln(MSE/SIGMA)
(39.3022, 0.3300, 0.0220, -0.0331)
10
8
6
4
2
0
docntemp
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
ocntemp
6.90
6.45
6.00
5.55
5.10
4.65
4.20
3.75
3.30
UKESM1-0-LL