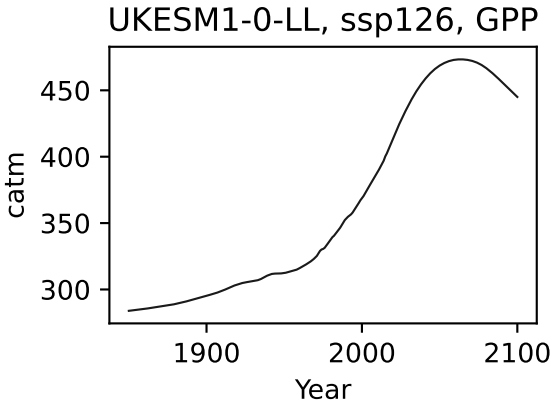
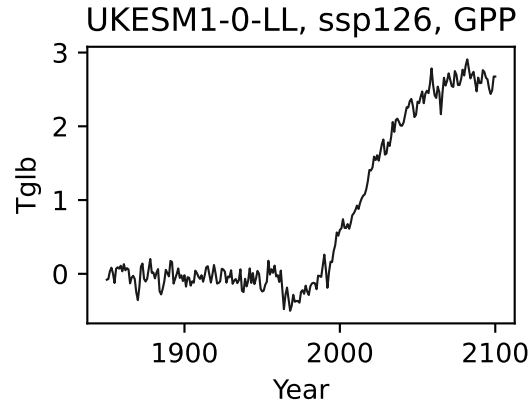

UKESM1-0-LL, ssp126, GPP
catm
450
400
350
300
1900
2000
2100
Year


UKESM1-0-LL, ssp126, GPP
Tglb
3
2
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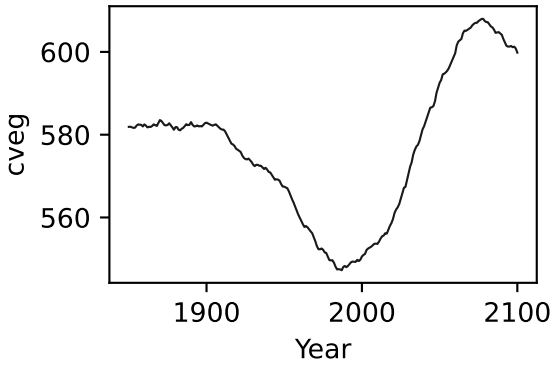
1900
2000
2100
Year


cveg
600
580
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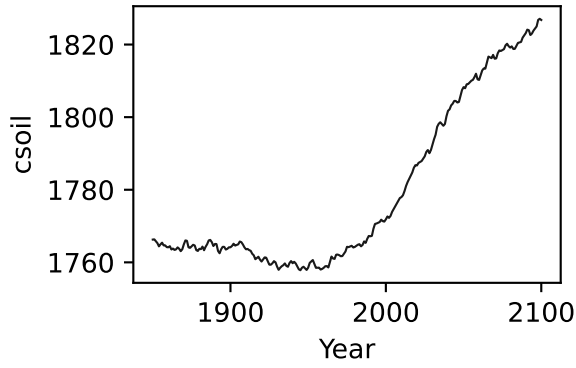
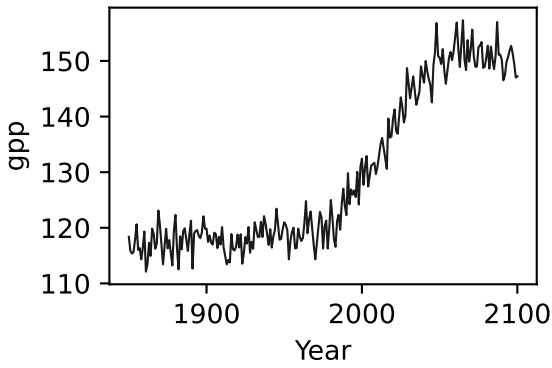
1900
2000
2100
Year


csoil
1820
1800
1780
1760
1900
2000
2100
Year


gpp
150
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130
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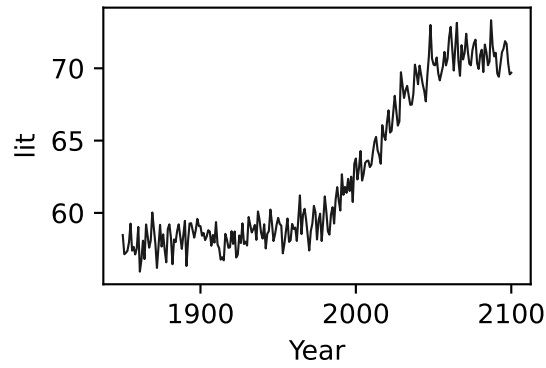
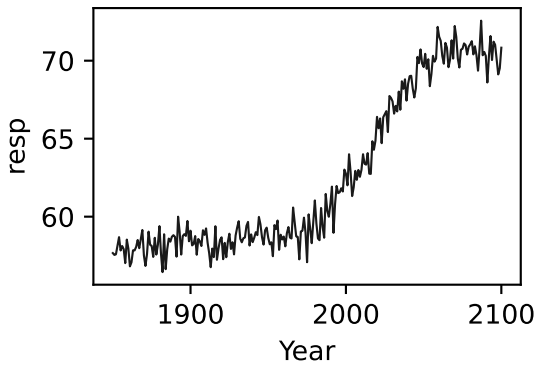
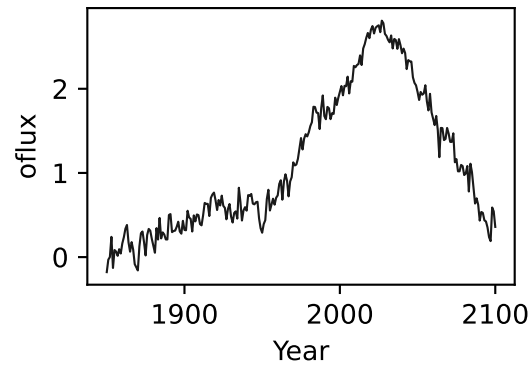
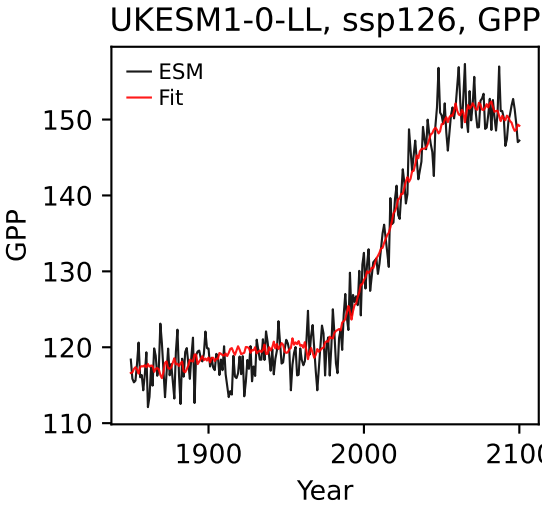
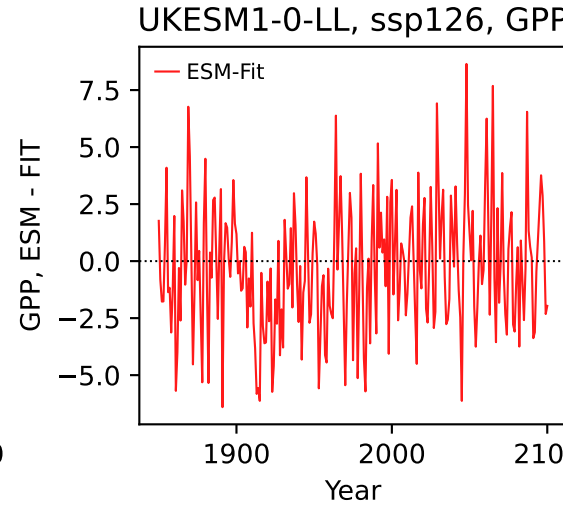
1900
2000
2100
Year

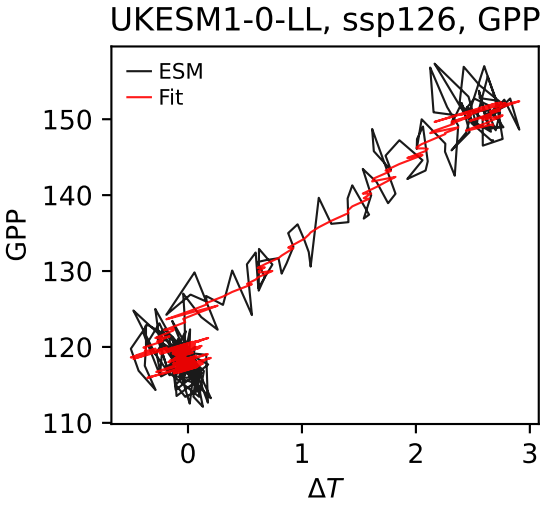

lit
70
65
60
1900
2000
2100
Year

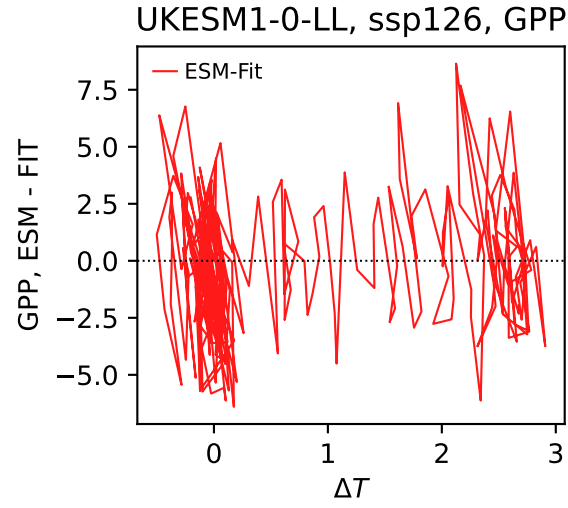

resp
70
65
60
1900
2000
2100
Year

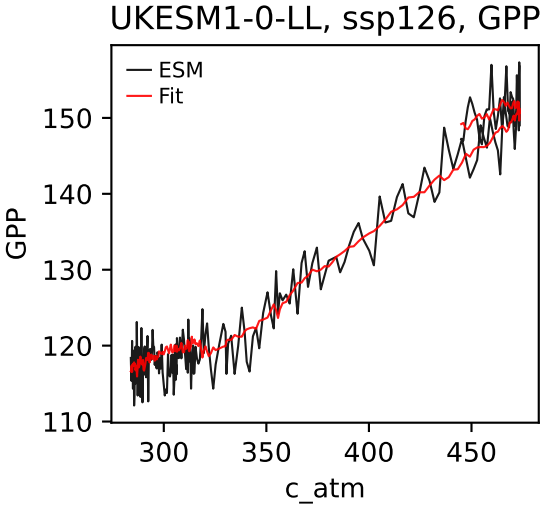

oflux
2
1
0
1900
2000
2100
Year

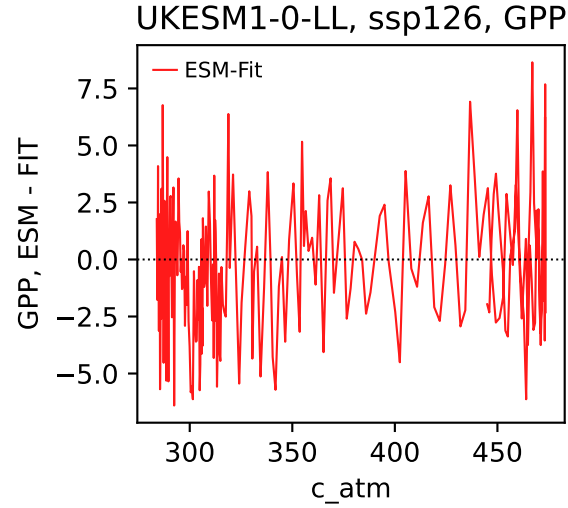

UKESM1-0-LL, ssp126, GPP
ESM
Fit
GPP
Year

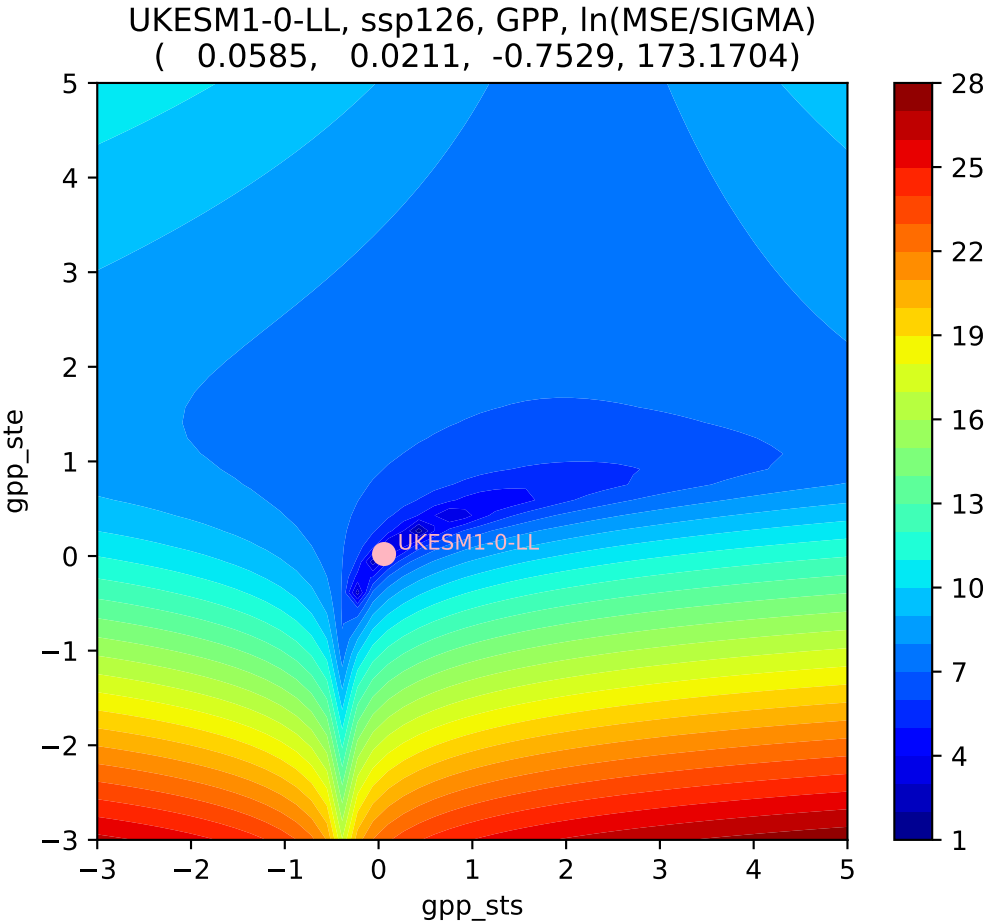

UKESM1-0-LL, ssp126, GPP
ESM-Fit
GPP, ESM - FIT
Year

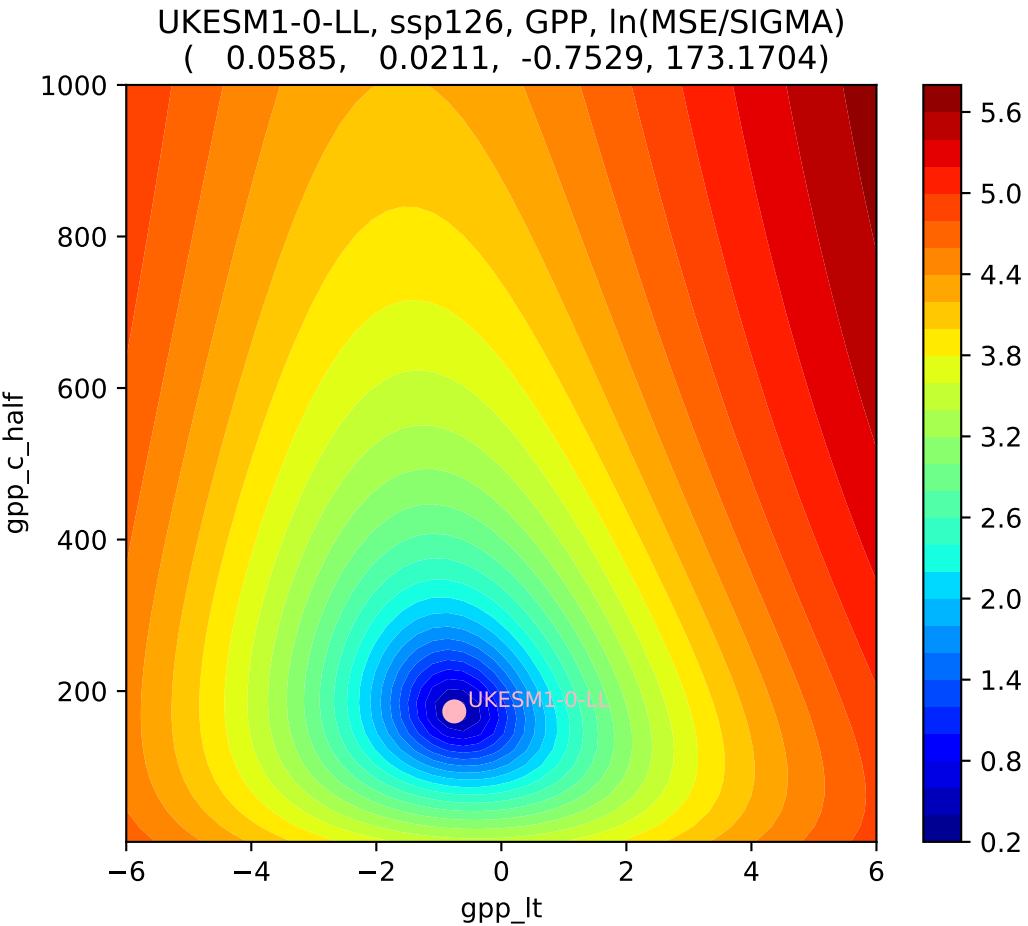

UKESM1-0-LL, ssp126, GPP
ESM
Fit
GPP
ΔT

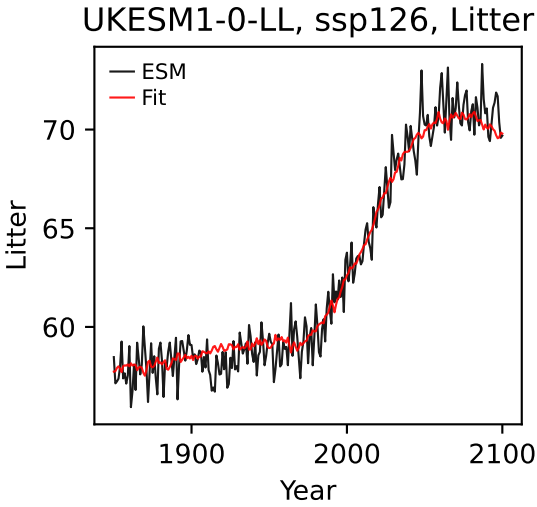

UKESM1-0-LL, ssp126, GPP
ESM-Fit
GPP, ESM - FIT
ΔT

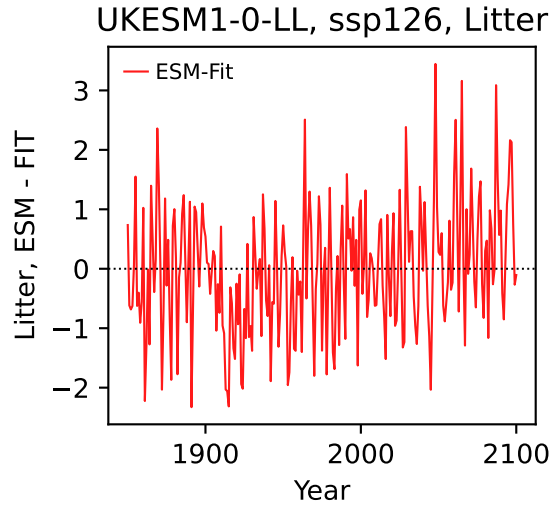

UKESM1-0-LL, ssp126, GPP
ESM
Fit
GPP
c_atm

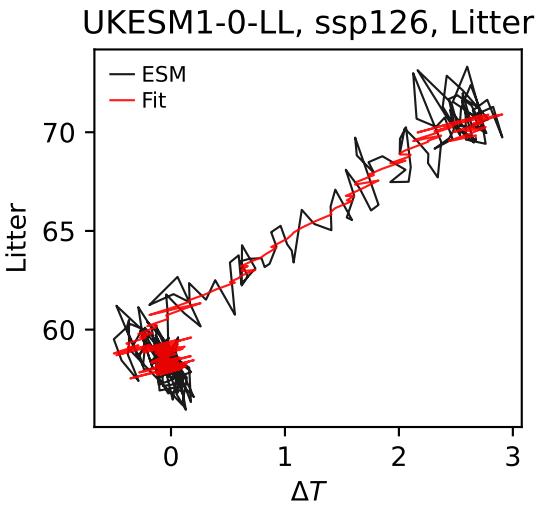

UKESM1-0-LL, ssp126, GPP
ESM-Fit
GPP, ESM - FIT
c_atm

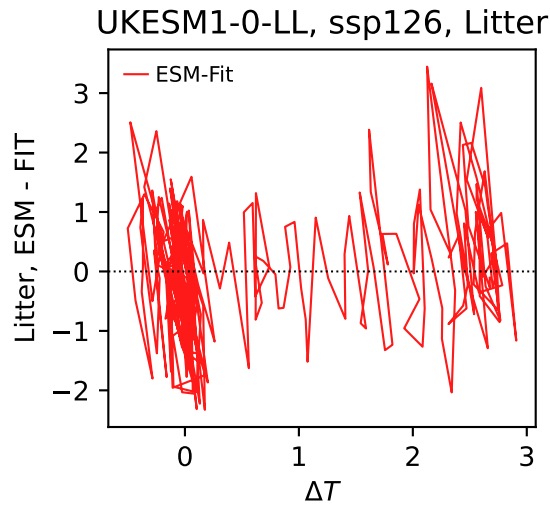

UKESM1-0-LL, ssp126, GPP, ln(MSE/SIGMA)
(0.0585, 0.0211, -0.7529, 173.1704)
UKESM1-0-LL
gpp_ste
gpp_sts
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
28
25
22
19
16
13
10
7
4
1

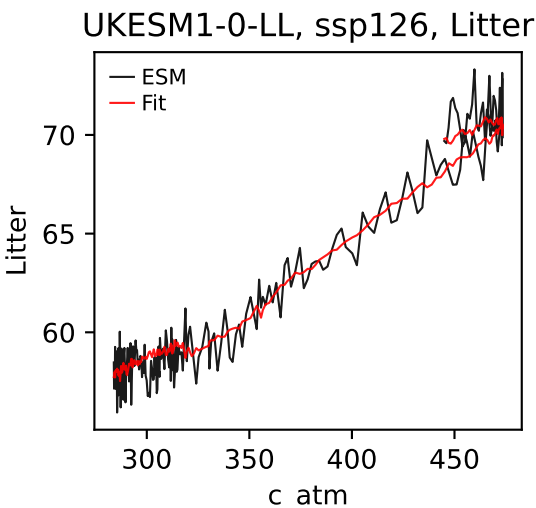

UKESM1-0-LL, ssp126, GPP, ln(MSE/SIGMA)
(0.0585, 0.0211, -0.7529, 173.1704)
1000
800
600
400
200
gpp_c_half
−6
−4
−2
0
2
4
6
gpp_lt
UKESM1-0-LL
5.6
5.0
4.4
3.8
3.2
2.6
2.0
1.4
0.8
0.2

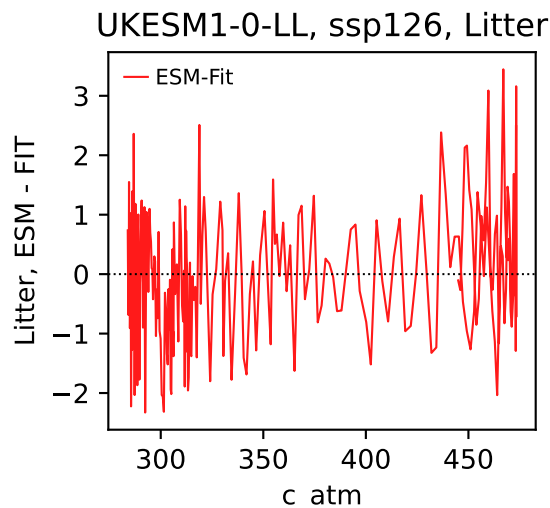

UKESM1-0-LL, ssp126, Litter
ESM
Fit
Litter
70
65
60
1900
2000
2100
Year

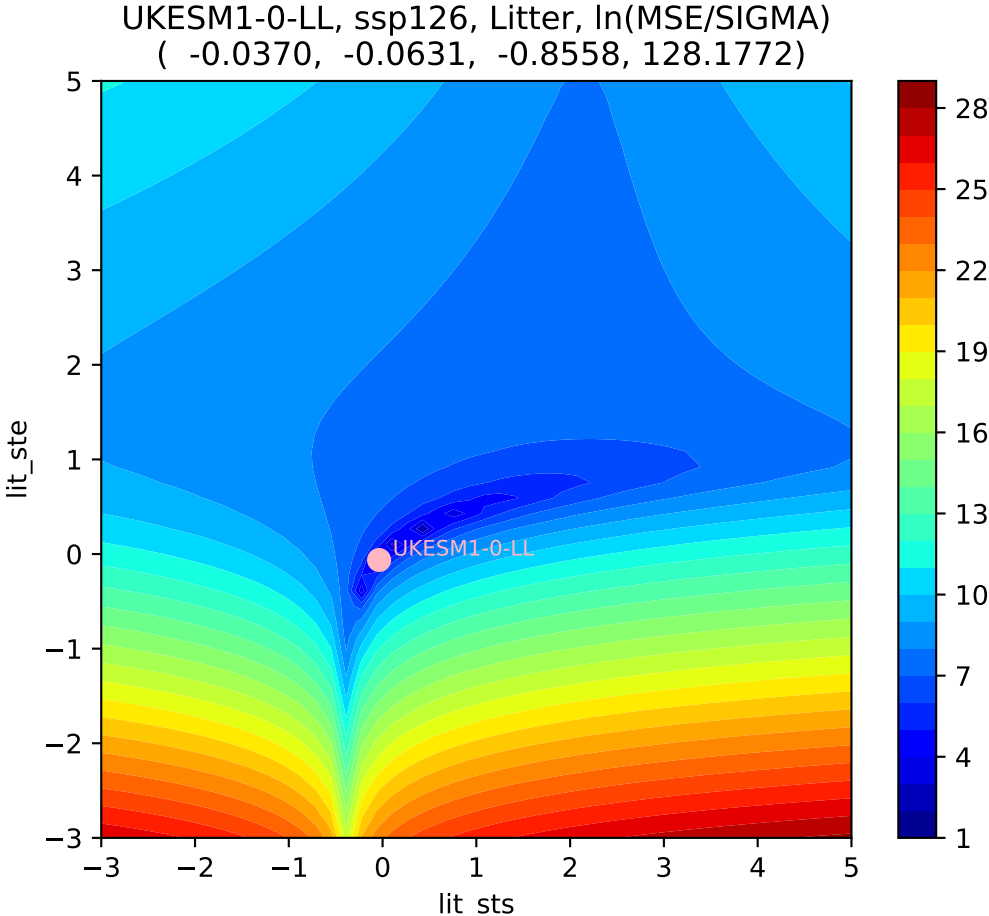

UKESM1-0-LL, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
3
2
1
0
−1
−2
1900
2000
2100
Year

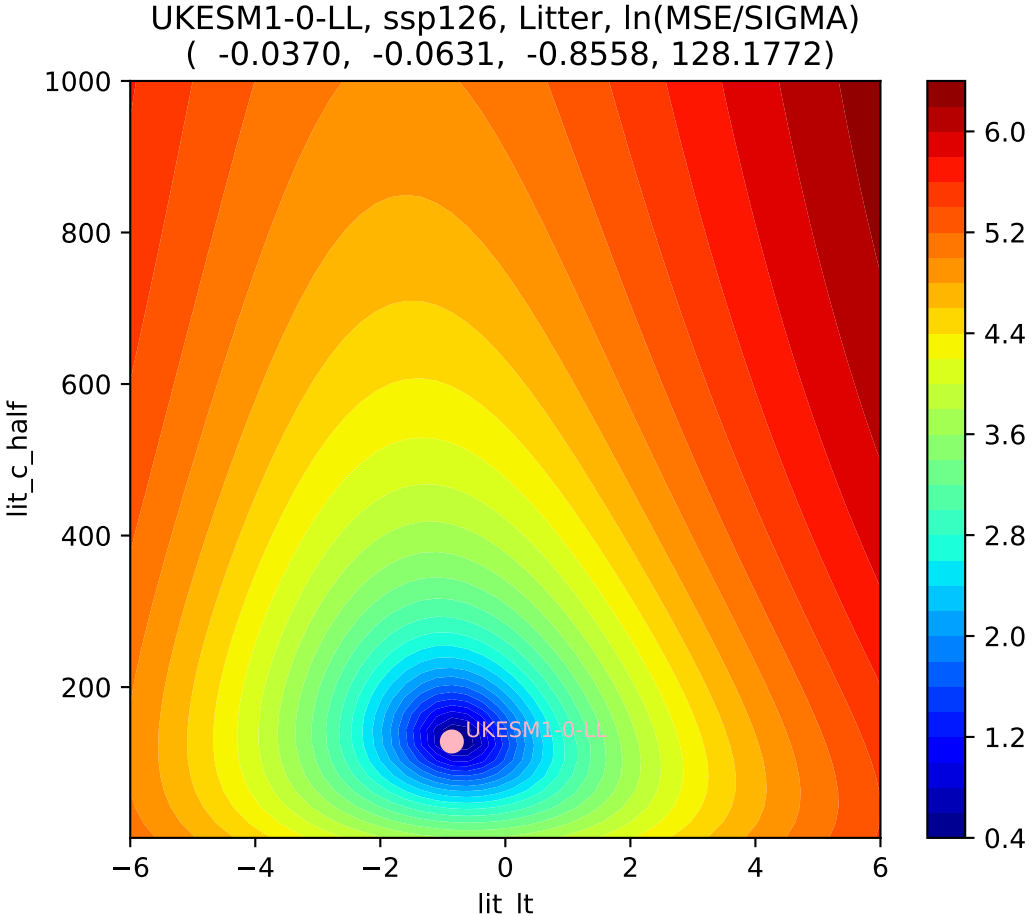

UKESM1-0-LL, ssp126, Litter
ESM
Fit
Litter
70
65
60
0
1
2
3
ΔT

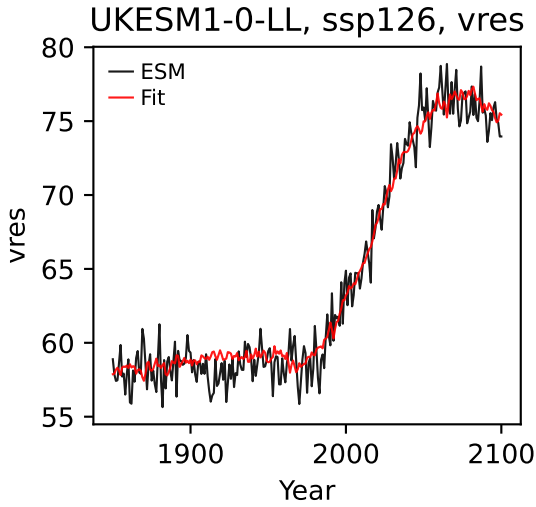

UKESM1-0-LL, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
3
2
1
0
−1
−2
0
1
2
3
ΔT

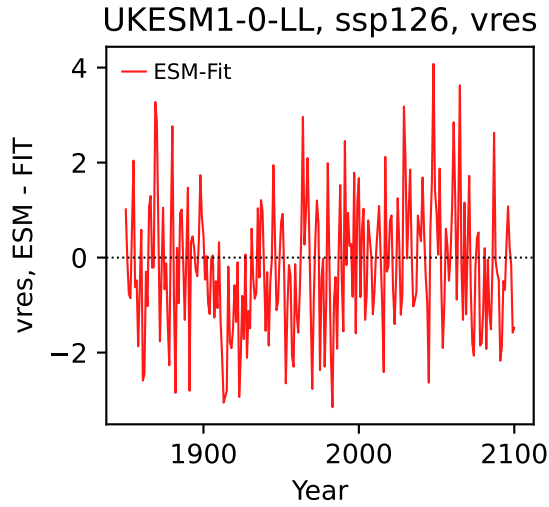

UKESM1-0-LL, ssp126, Litter
ESM
Fit
Litter
70
65
60
300
350
400
450
c_atm

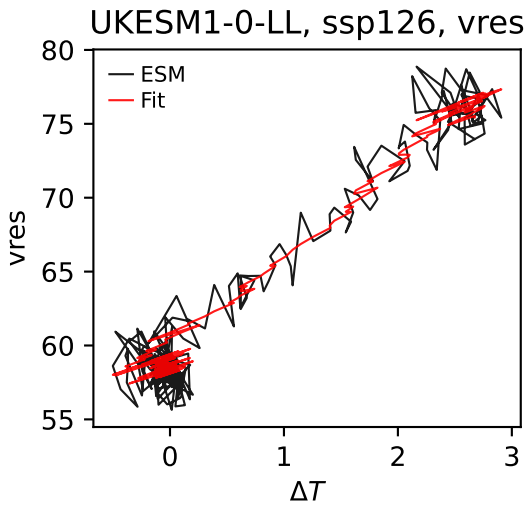

UKESM1-0-LL, ssp126, Litter
ESM-Fit
Litter, ESM - FIT
3
2
1
0
−1
−2
300
350
400
450
c_atm

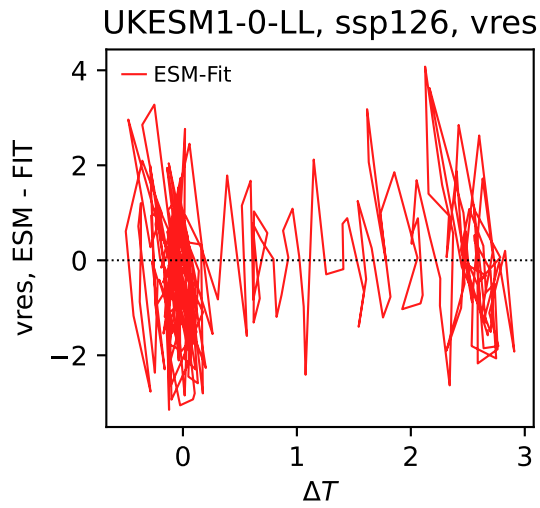

UKESM1-0-LL, ssp126, Litter, ln(MSE/SIGMA)
(-0.0370, -0.0631, -0.8558, 128.1772)
UKESM1-0-LL
lit_ste
lit_sts
5
4
3
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
3
4
5
28
25
22
19
16
13
10
7
4
1

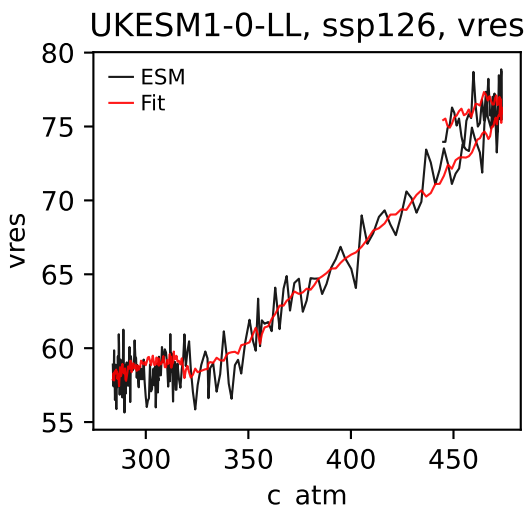

UKESM1-0-LL, ssp126, Litter, ln(MSE/SIGMA)
(-0.0370, -0.0631, -0.8558, 128.1772)
lit_c_half
lit_lt
1000
800
600
400
200
−6
−4
−2
0
2
4
6
6.0
5.2
4.4
3.6
2.8
2.0
1.2
0.4
UKESM1-0-LL

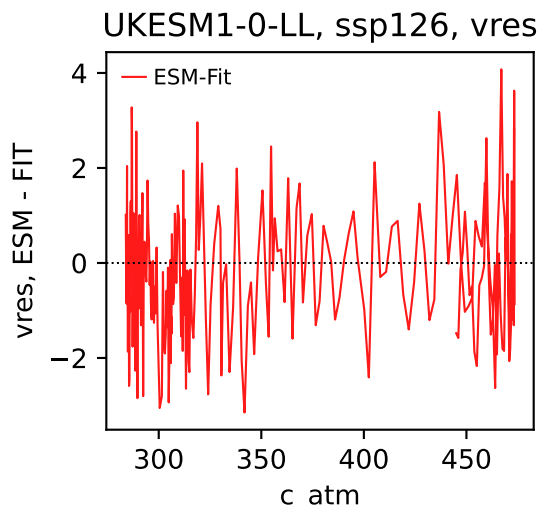

UKESM1-0-LL, ssp126, vres
ESM
Fit
vres
Year

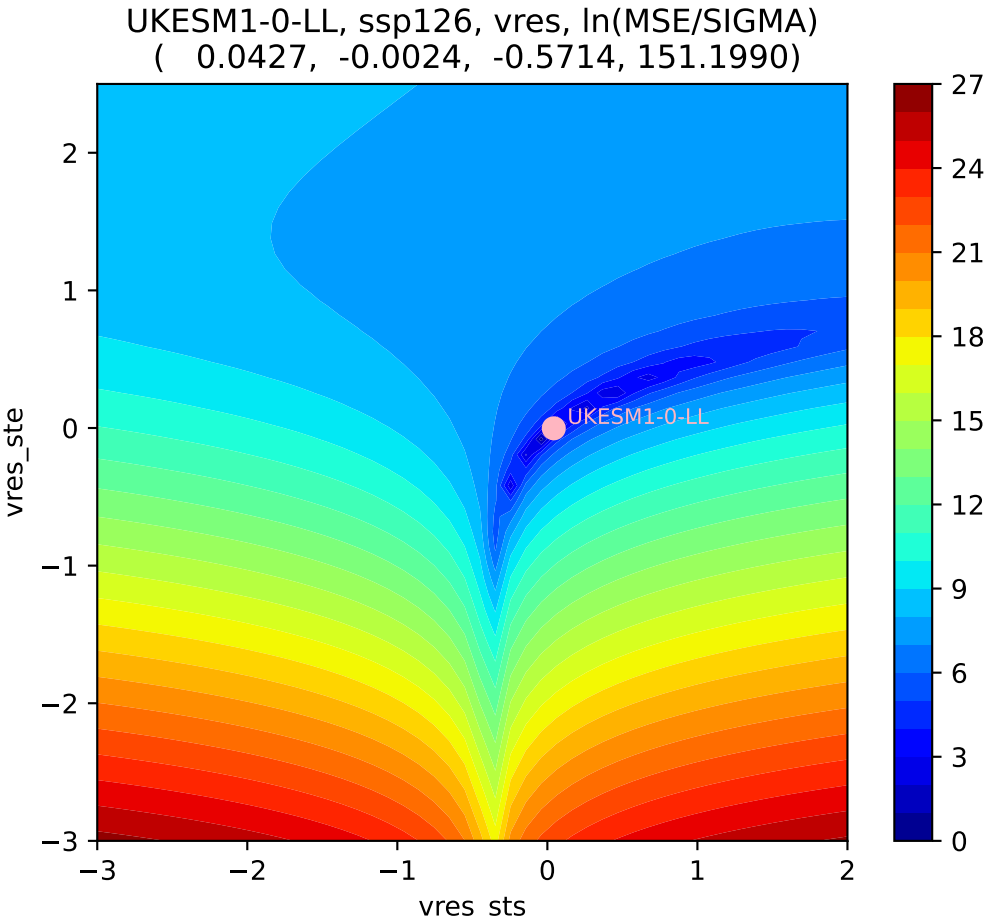

UKESM1-0-LL, ssp126, vres
ESM-Fit
vres, ESM - FIT
Year

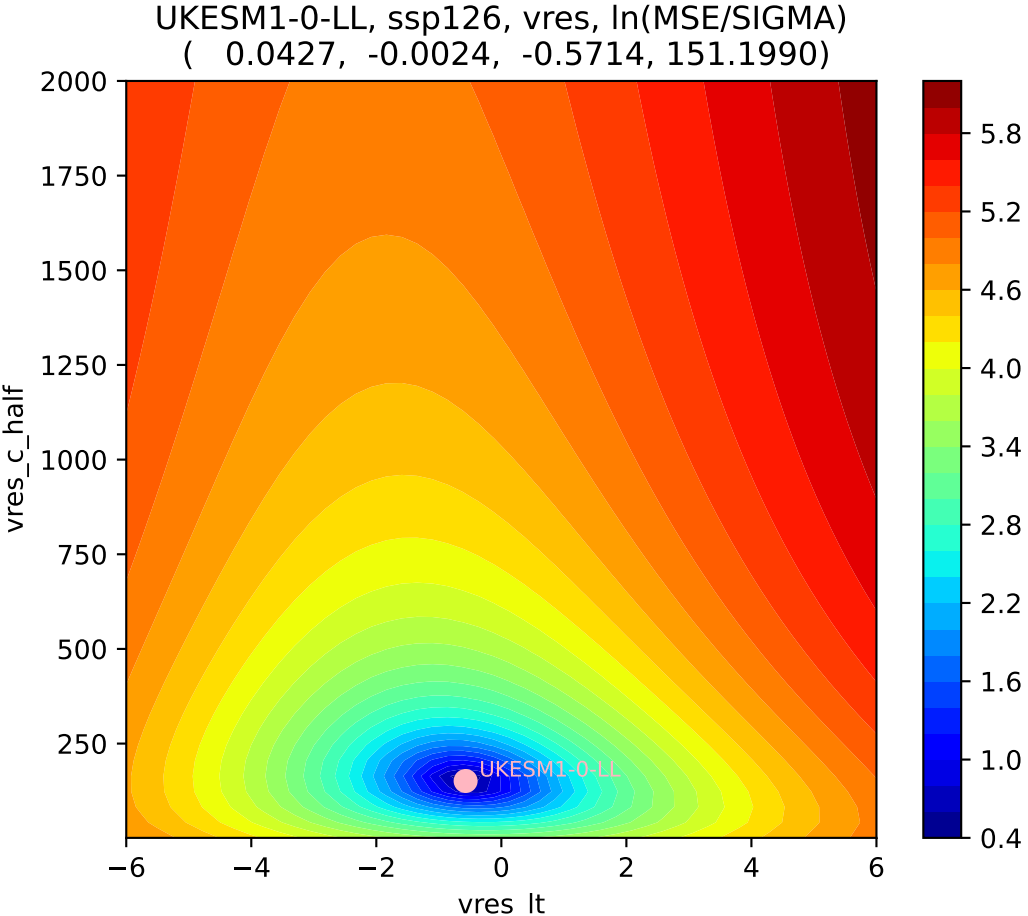

UKESM1-0-LL, ssp126, vres
ESM
Fit
vres
ΔT

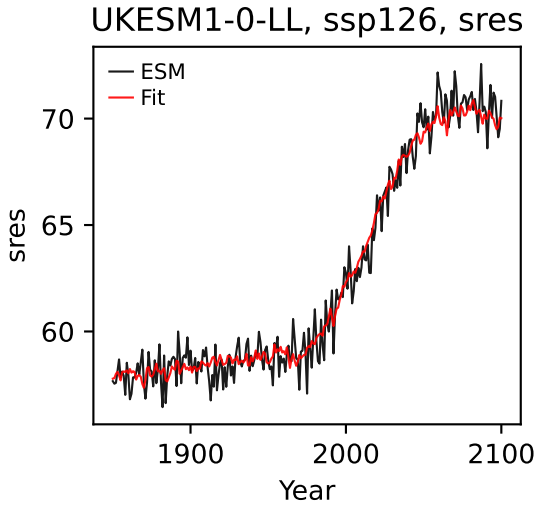

UKESM1-0-LL, ssp126, vres
ESM-Fit
vres, ESM - FIT
ΔT

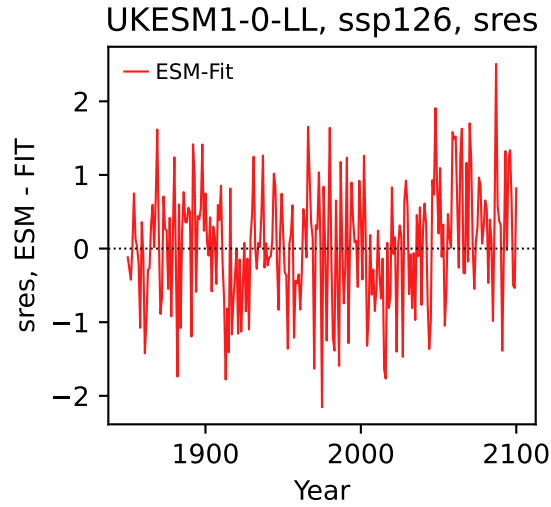

UKESM1-0-LL, ssp126, vres
ESM
Fit
vres
c_atm

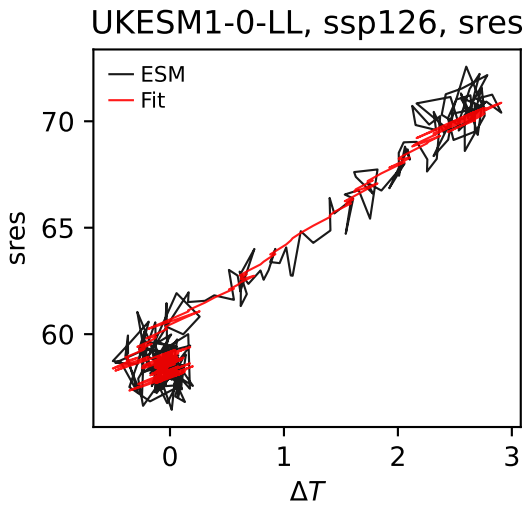

UKESM1-0-LL, ssp126, vres
ESM-Fit
vres, ESM - FIT
c_atm

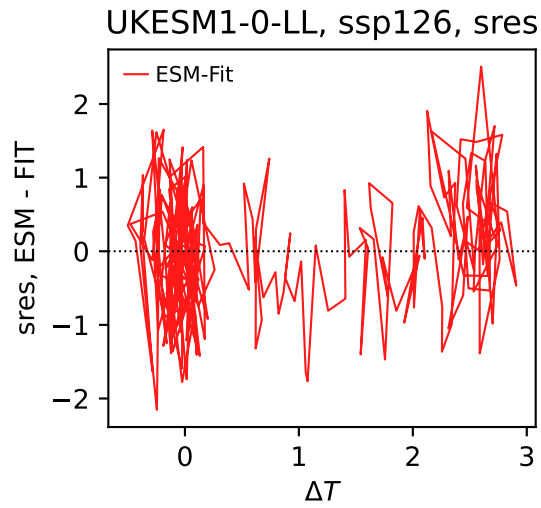

UKESM1-0-LL, ssp126, vres, ln(MSE/SIGMA)
(0.0427, -0.0024, -0.5714, 151.1990)
UKESM1-0-LL
vres_ste
vres_sts
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
27
24
21
18
15
12
9
6
3
0

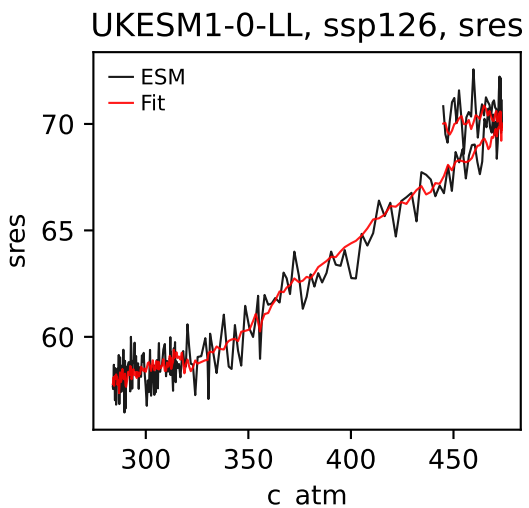

UKESM1-0-LL, ssp126, vres, ln(MSE/SIGMA)
(0.0427, -0.0024, -0.5714, 151.1990)
vres_c_half
vres_lt
UKESM1-0-LL
2000
1750
1500
1250
1000
750
500
250
−6
−4
−2
0
2
4
6
5.8
5.2
4.6
4.0
3.4
2.8
2.2
1.6
1.0
0.4

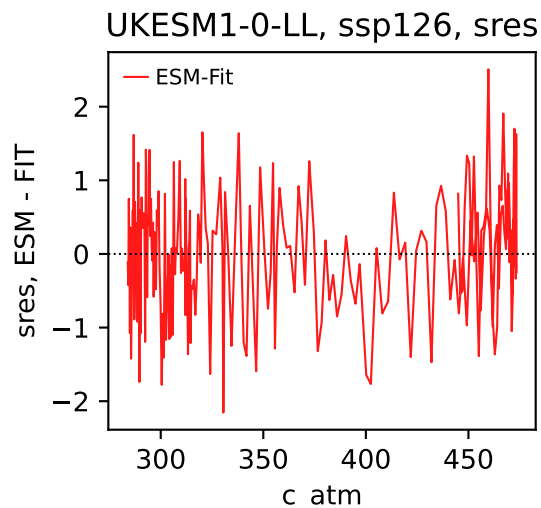

UKESM1-0-LL, ssp126, sres
ESM
Fit
sres
70
65
60
1900
2000
2100
Year

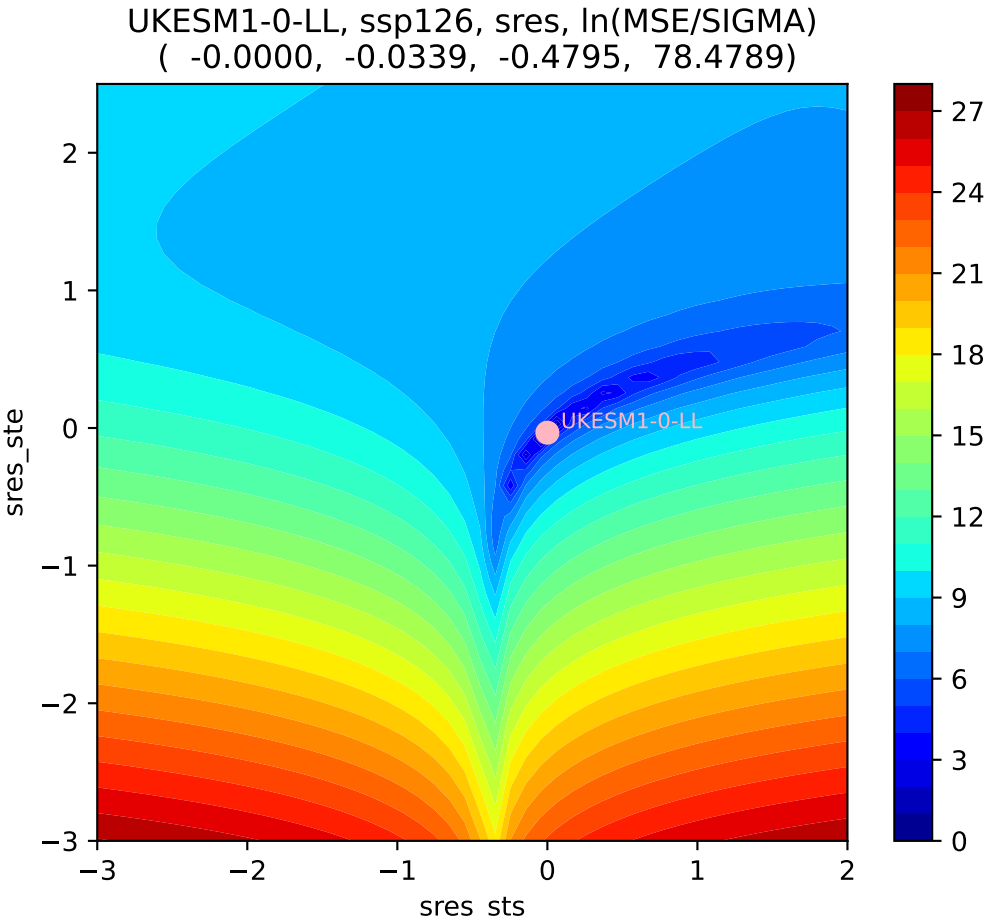

UKESM1-0-LL, ssp126, sres
ESM-Fit
sres, ESM - FIT
2
1
0
−1
−2
1900
2000
2100
Year

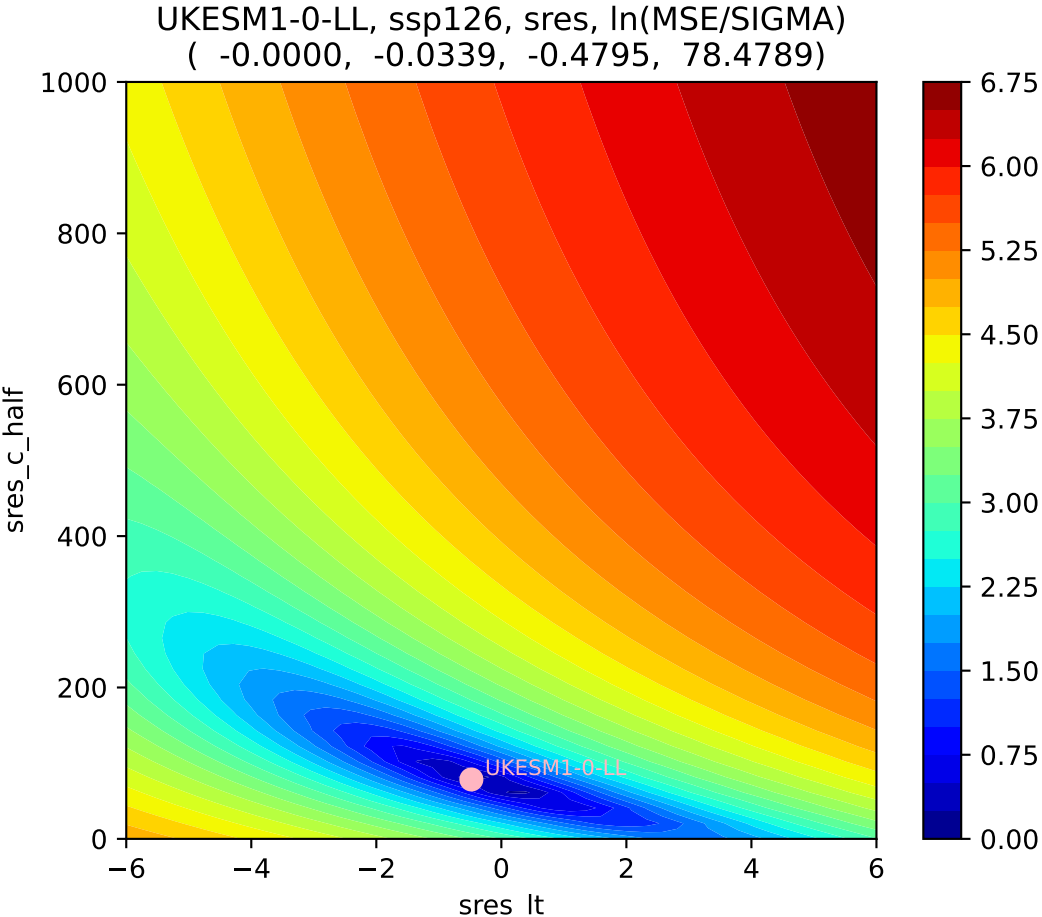

UKESM1-0-LL, ssp126, sres
ESM
Fit
sres
70
65
60
0
1
2
3
ΔT

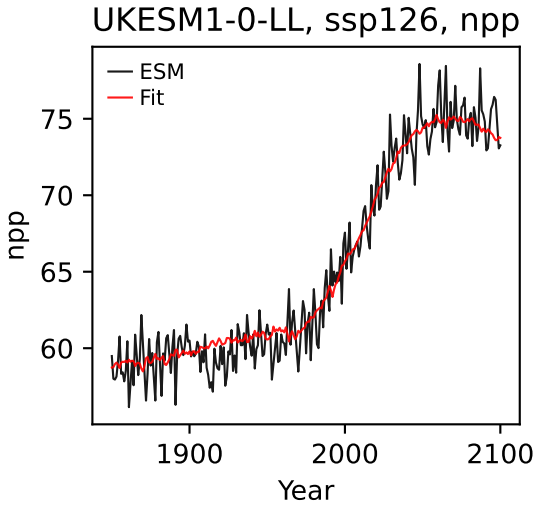

UKESM1-0-LL, ssp126, sres
ESM-Fit
sres, ESM - FIT
2
1
0
−1
−2
0
1
2
3
ΔT

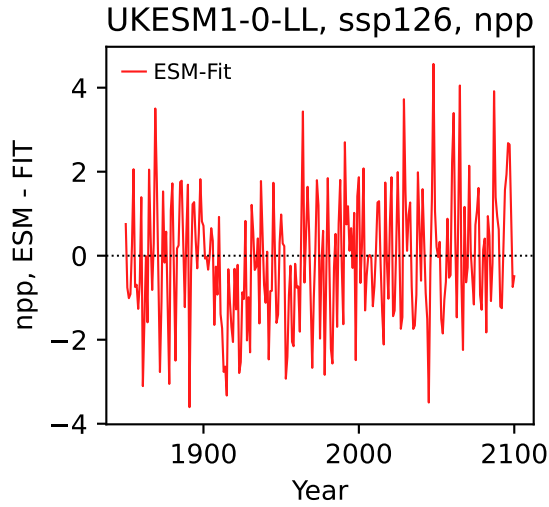

UKESM1-0-LL, ssp126, sres
ESM
Fit
sres
70
65
60
300
350
400
450
c_atm

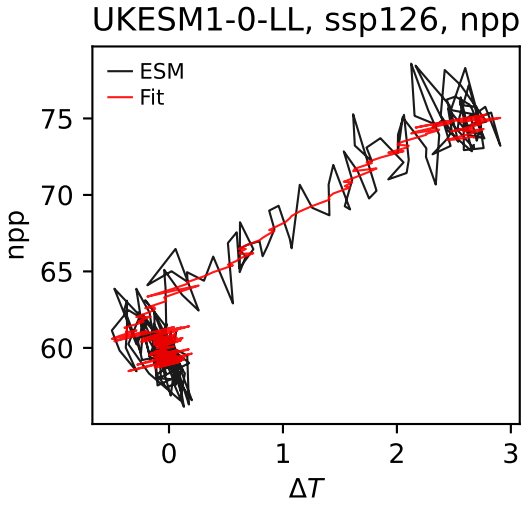

UKESM1-0-LL, ssp126, sres
ESM-Fit
sres, ESM - FIT
2
1
0
−1
−2
300
350
400
450
c_atm

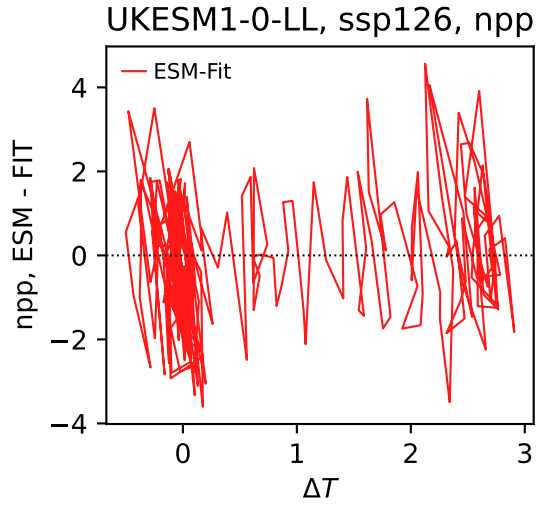

UKESM1-0-LL, ssp126, sres, ln(MSE/SIGMA)
(-0.0000, -0.0339, -0.4795, 78.4789)
UKESM1-0-LL
sres_ste
sres_sts
2
1
0
−1
−2
−3
−3
−2
−1
0
1
2
27
24
21
18
15
12
9
6
3
0

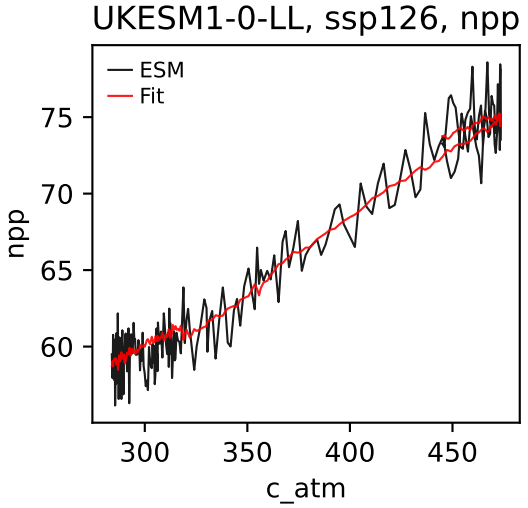

UKESM1-0-LL, ssp126, sres, ln(MSE/SIGMA)
(-0.0000, -0.0339, -0.4795, 78.4789)
1000
800
600
400
200
0
sres_c_half
−6
−4
−2
0
2
4
6
sres_lt
UKESM1-0-LL
6.75
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00

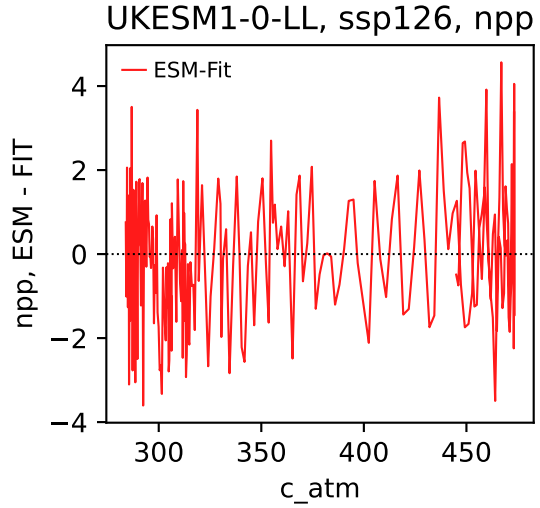

UKESM1-0-LL, ssp126, npp
ESM
Fit
npp
Year

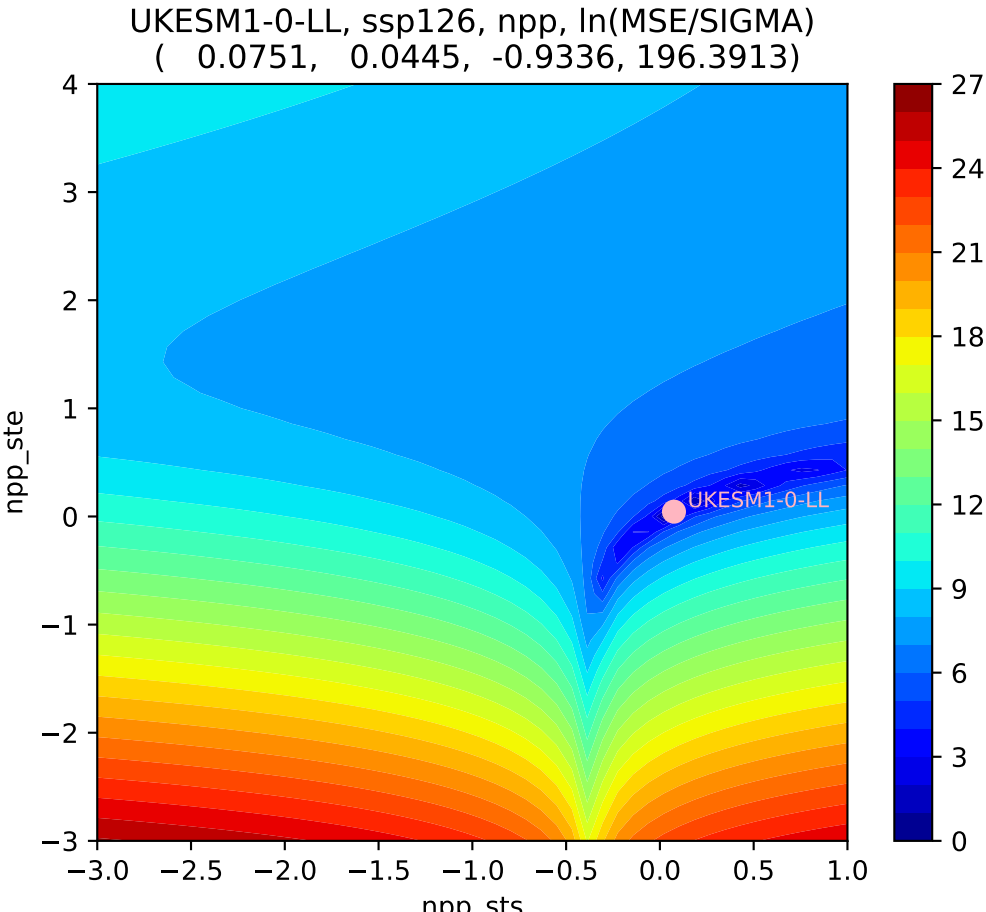

UKESM1-0-LL, ssp126, npp
ESM-Fit
npp, ESM - FIT
Year

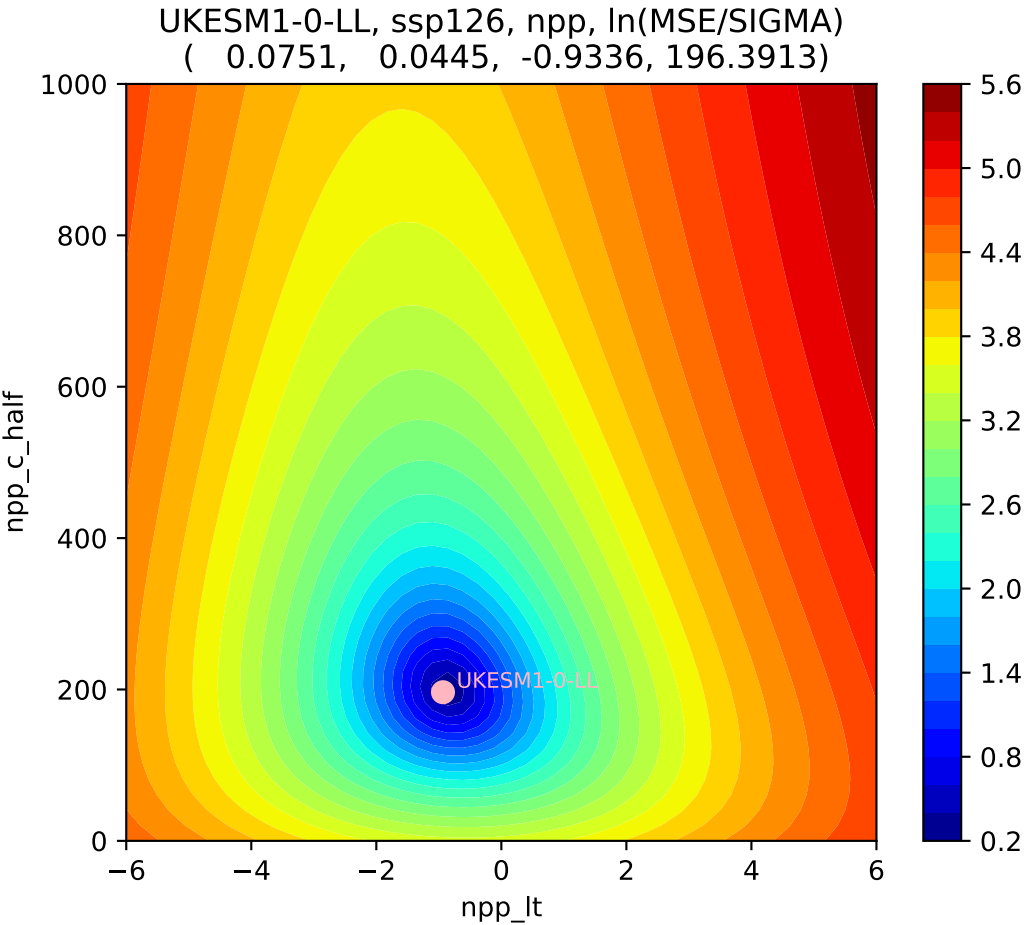

UKESM1-0-LL, ssp126, npp
ESM
Fit
npp
ΔT

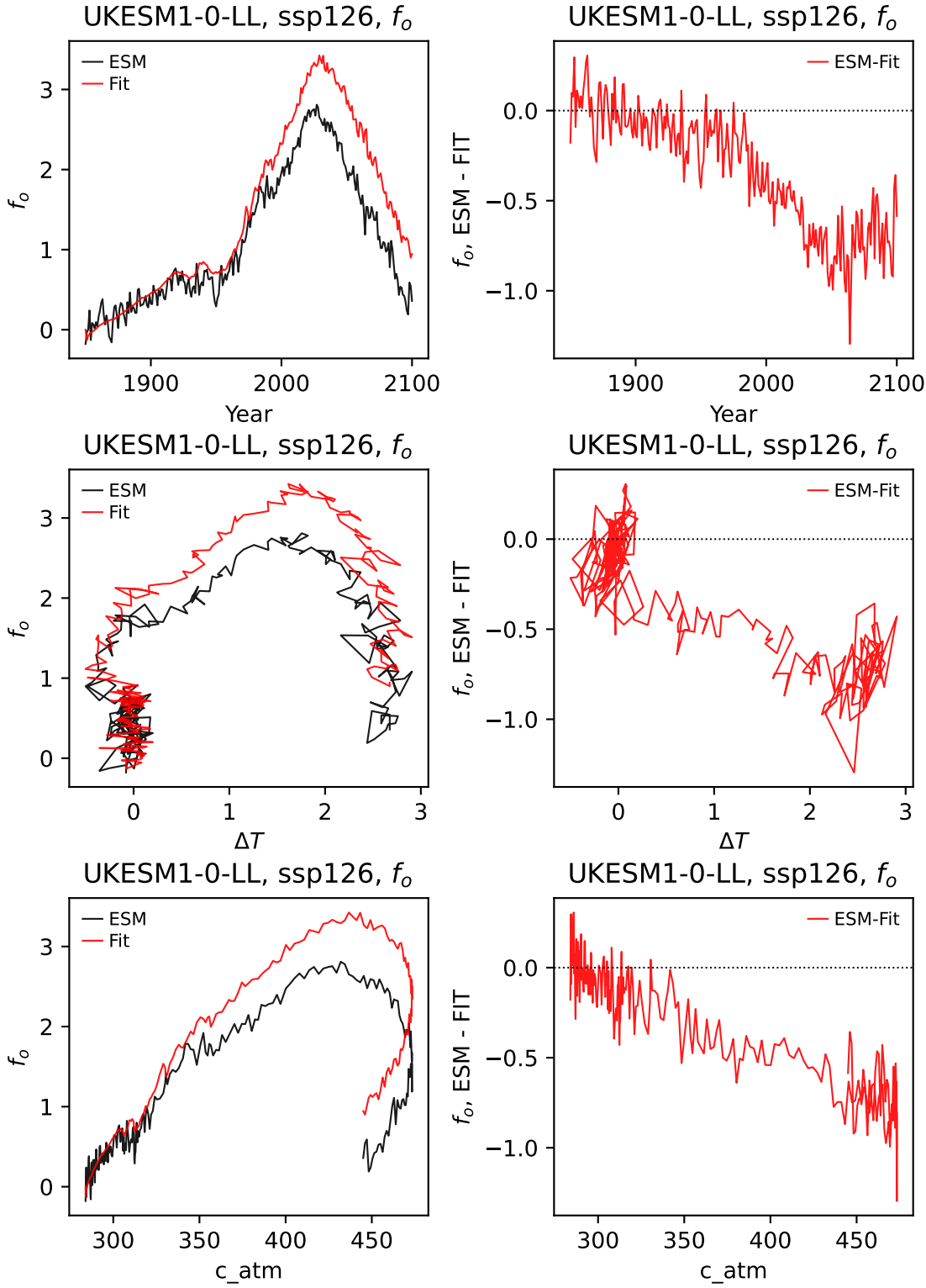

UKESM1-0-LL, ssp126, npp
ESM-Fit
npp, ESM - FIT
ΔT

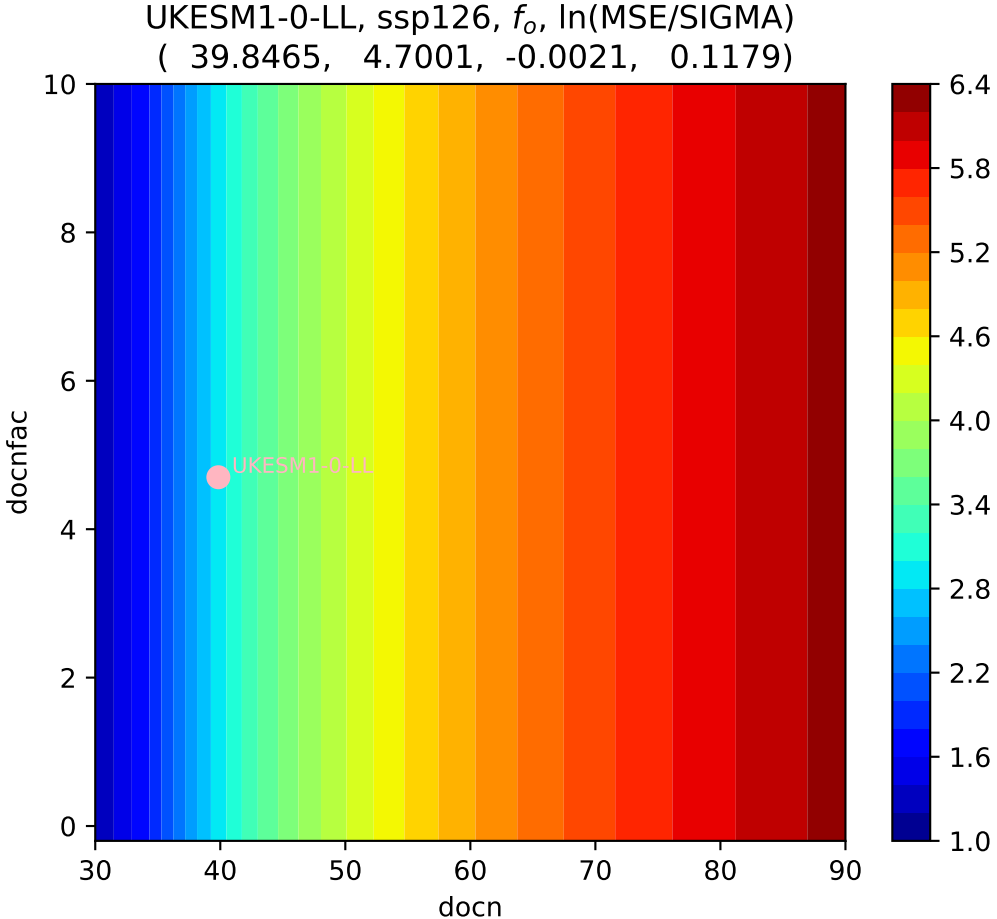

UKESM1-0-LL, ssp126, npp
ESM
Fit
npp
c_atm

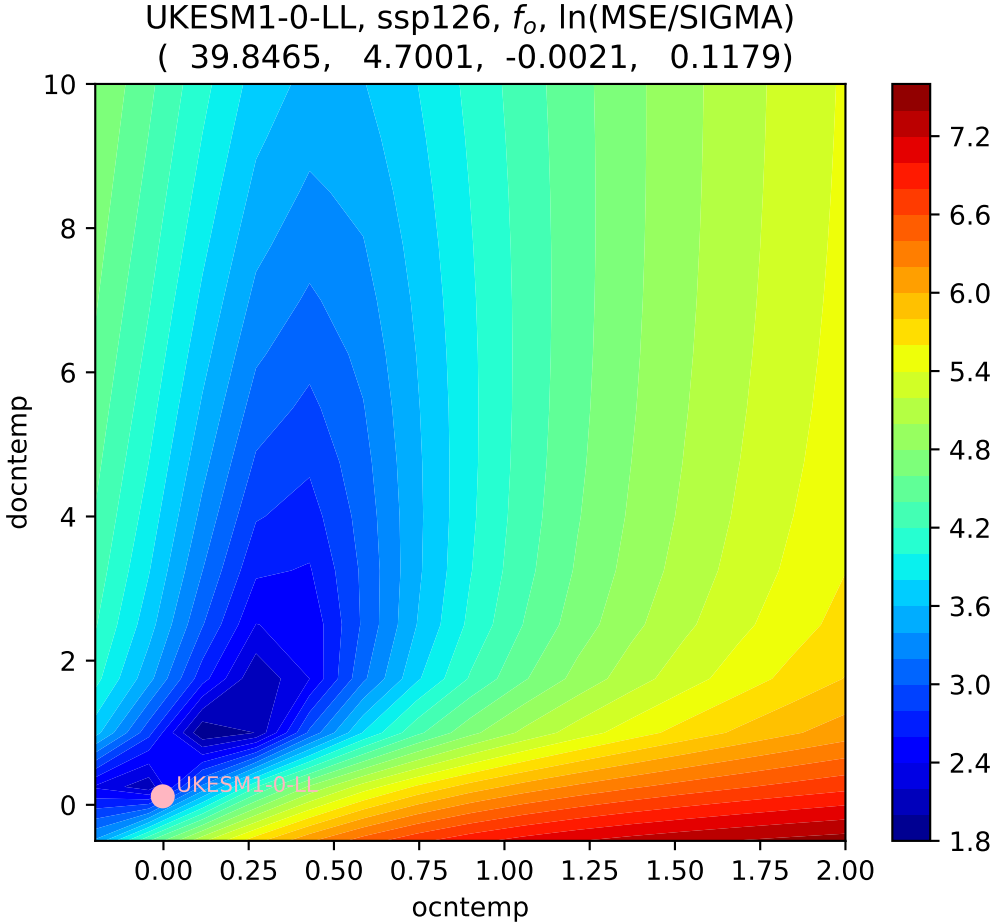

UKESM1-0-LL, ssp126, npp
ESM-Fit
npp, ESM - FIT
c_atm


UKESM1-0-LL, ssp126, npp, ln(MSE/SIGMA)
(0.0751, 0.0445, -0.9336, 196.3913)
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
27
24
21
18
15
12
9
6
3
0


UKESM1-0-LL, ssp126, npp, ln(MSE/SIGMA)
(0.0751, 0.0445, -0.9336, 196.3913)
1000
800
600
400
200
0
npp_c_half
−6
−4
−2
0
2
4
6
npp_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, ssp126, f_o
ESM
Fit
f_o
Year
UKESM1-0-LL, ssp126, f_o
ESM-Fit
f_o, ESM - FIT
Year
UKESM1-0-LL, ssp126, f_o
ESM
Fit
f_o
ΔT
UKESM1-0-LL, ssp126, f_o
ESM-Fit
f_o, ESM - FIT
ΔT
UKESM1-0-LL, ssp126, f_o
ESM
Fit
f_o
c_atm
UKESM1-0-LL, ssp126, f_o
ESM-Fit
f_o, ESM - FIT
c_atm


UKESM1-0-LL, ssp126, f_o, ln(MSE/SIGMA)
(39.8465, 4.7001, -0.0021, 0.1179)
UKESM1-0-LL
docnfac
docn
0
2
4
6
8
10
30
40
50
60
70
80
90
1.0
1.6
2.2
2.8
3.4
4.0
4.6
5.2
5.8
6.4


UKESM1-0-LL, ssp126, f_o, ln(MSE/SIGMA)
(39.8465, 4.7001, -0.0021, 0.1179)
docntemp
ocntemp
UKESM1-0-LL
10
8
6
4
2
0
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
7.2
6.6
6.0
5.4
4.8
4.2
3.6
3.0
2.4
1.8