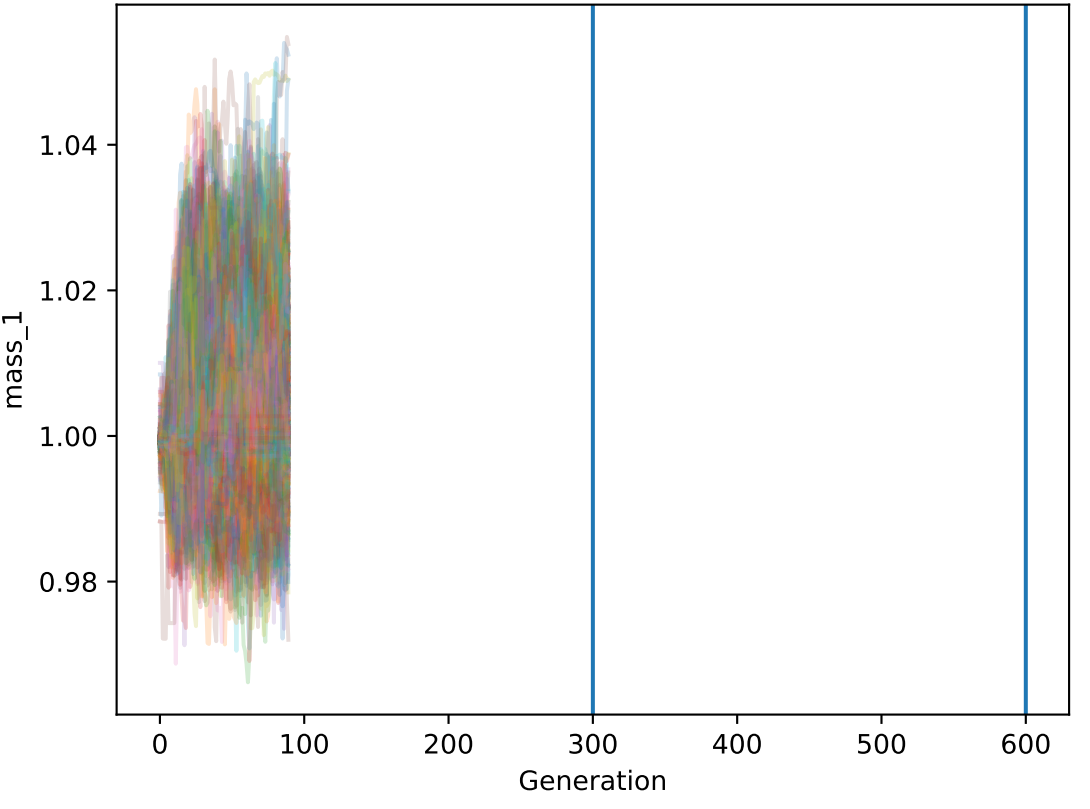
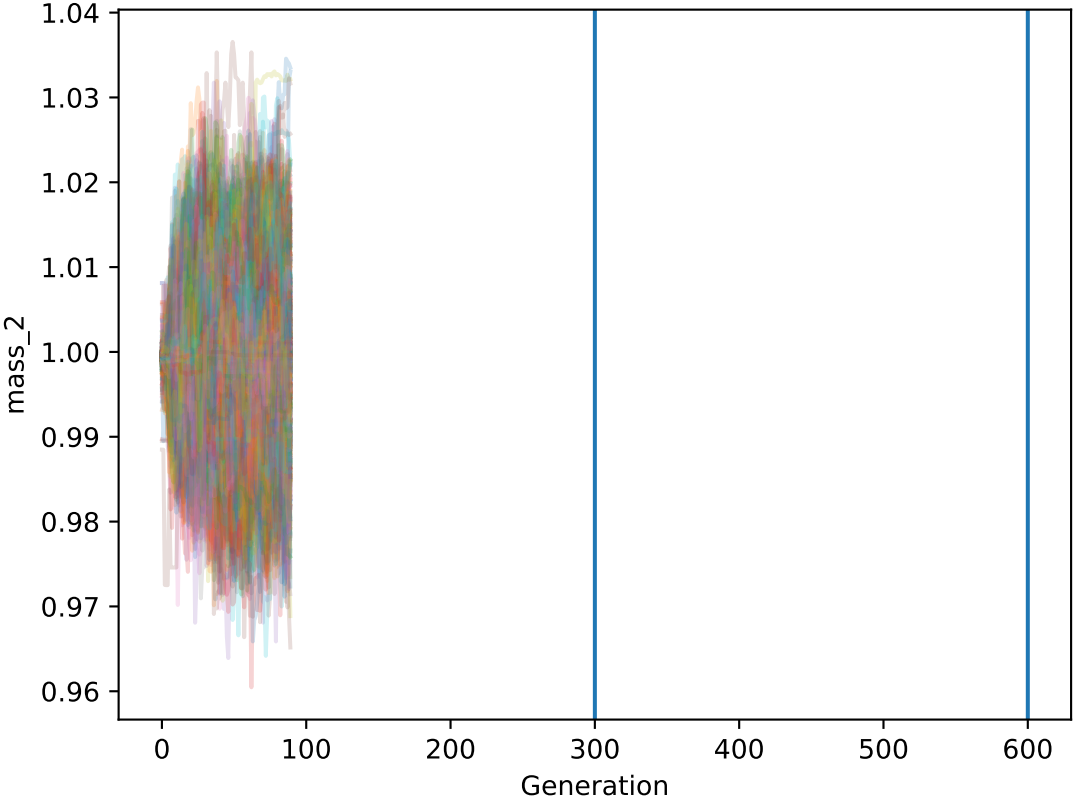
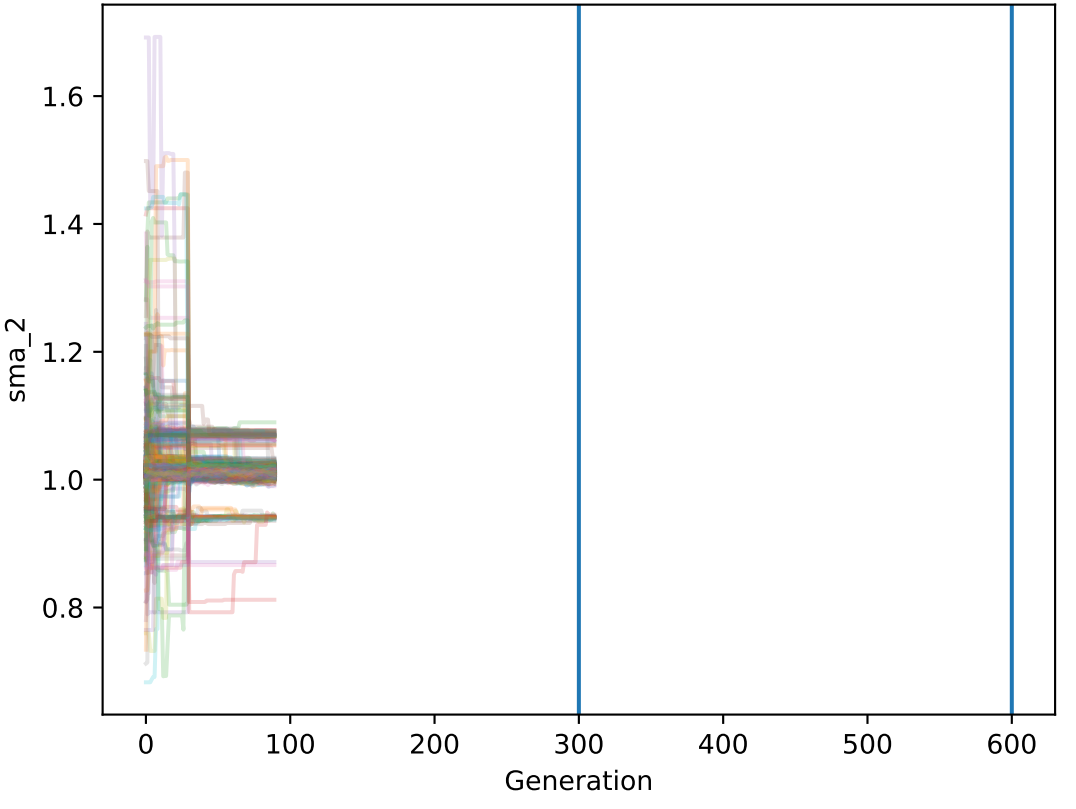
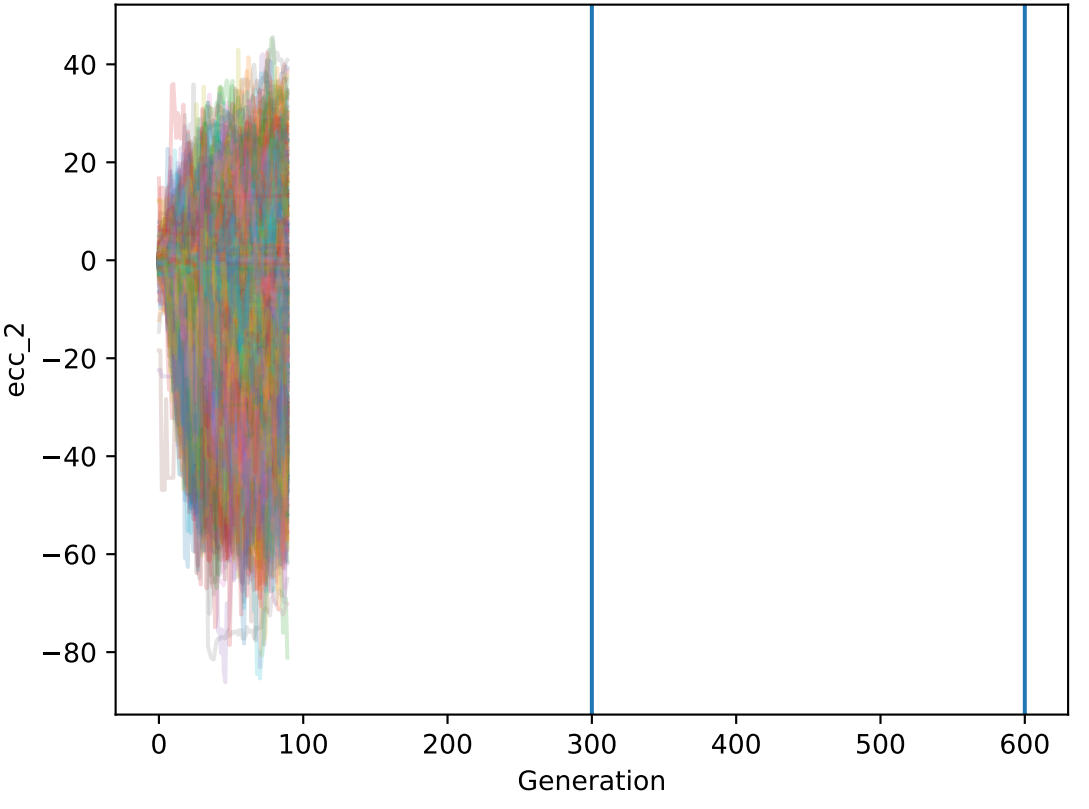
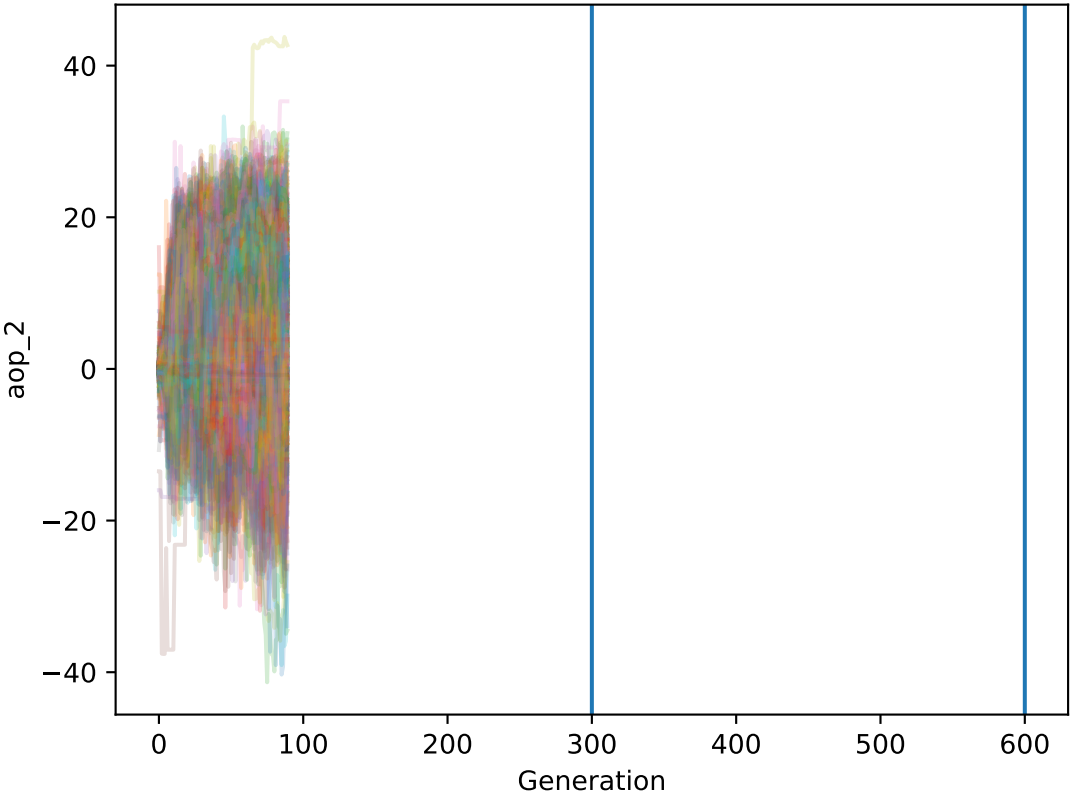
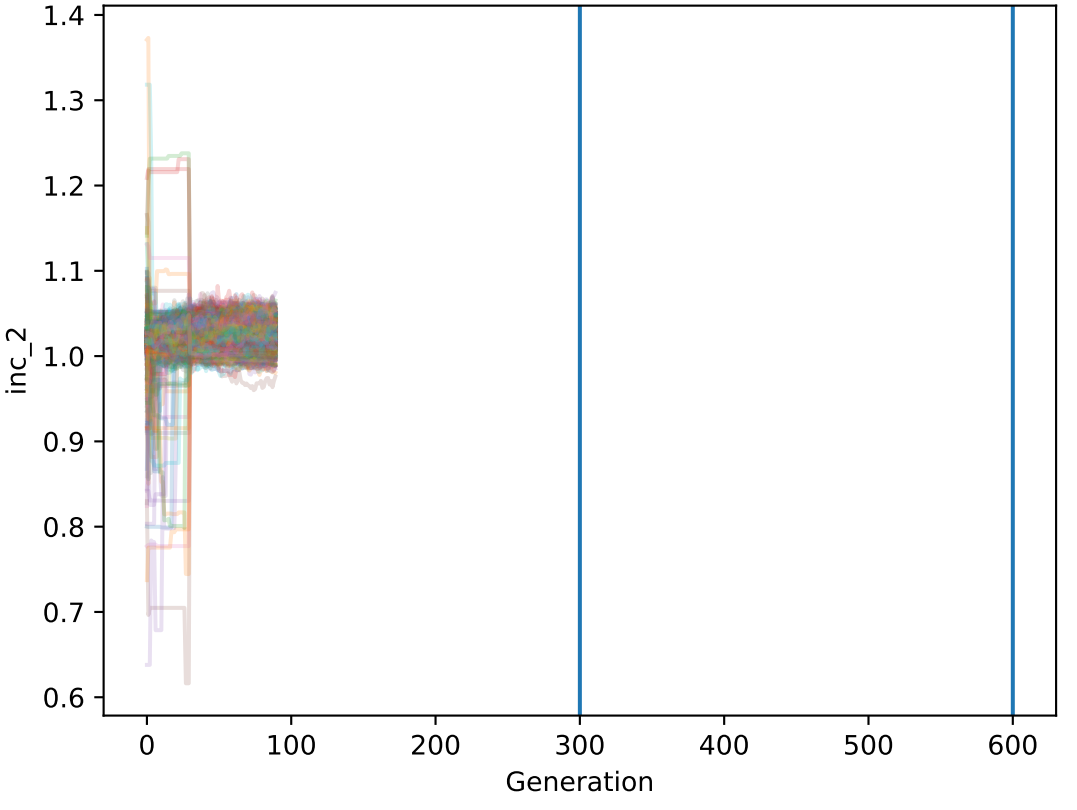

1.04
1.02
1.00
0.98
mass_1
0
100
200
300
400
500
600
Generation

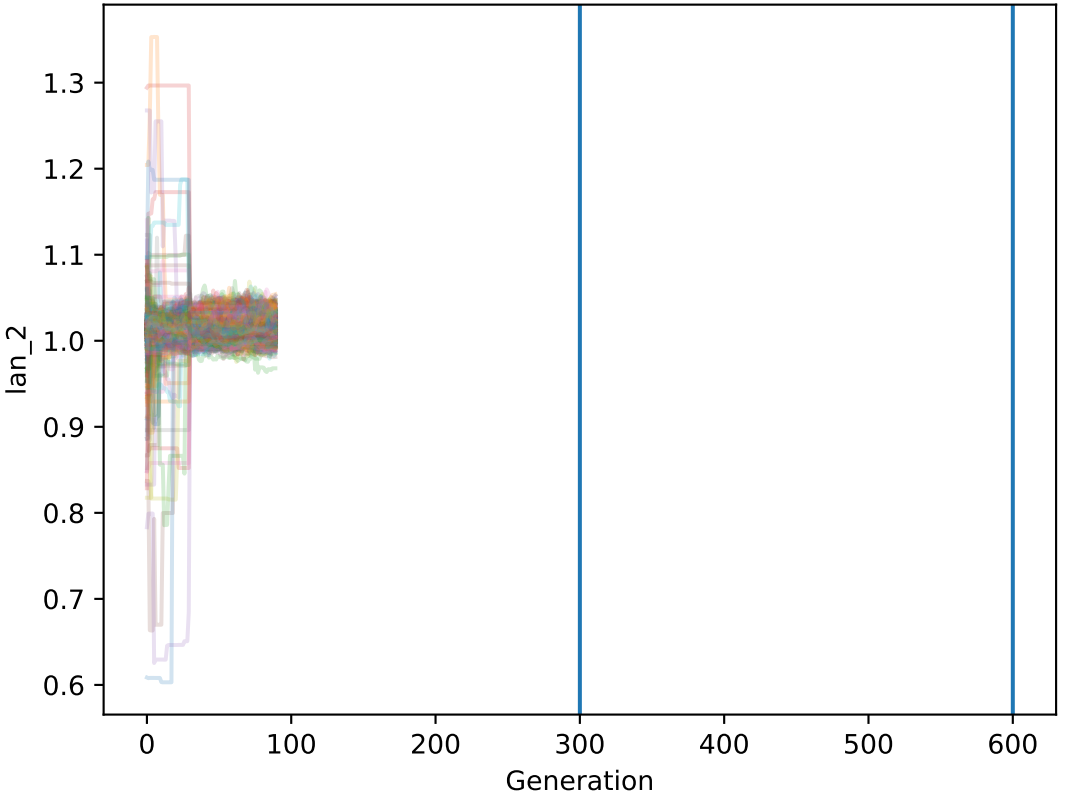

1.04
1.03
1.02
1.01
1.00
0.99
0.98
0.97
0.96
mass_2
0
100
200
300
400
500
600
Generation

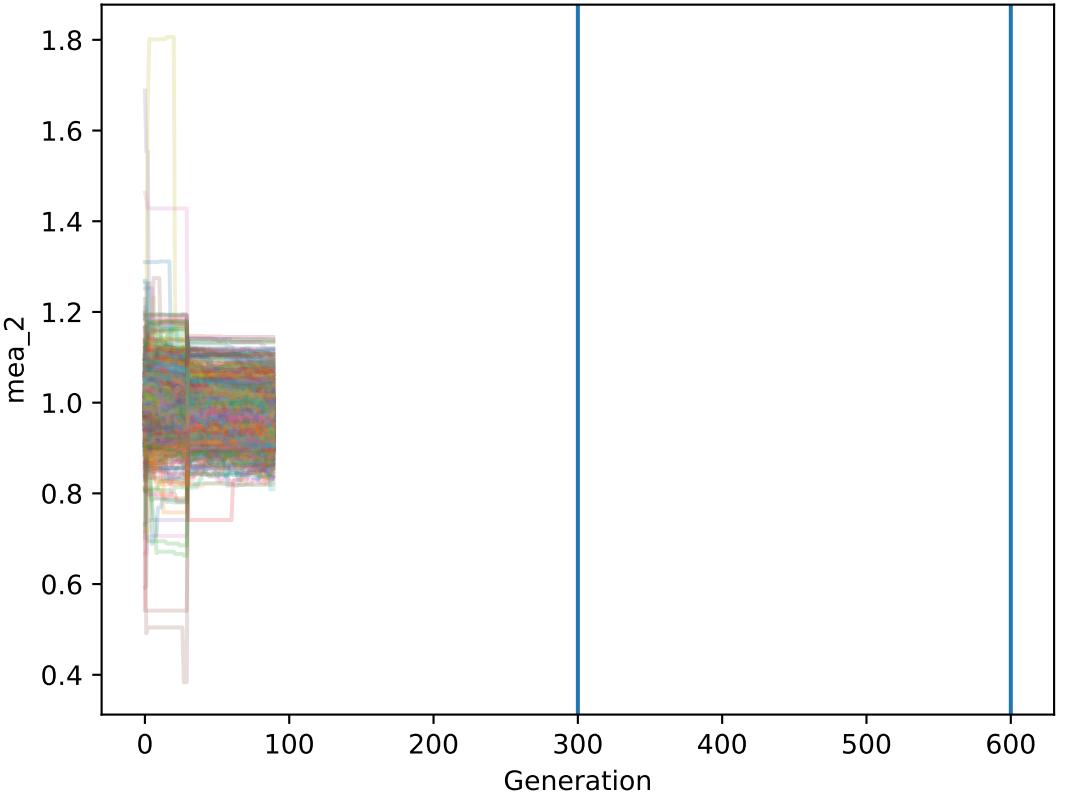

1.6
1.4
1.2
1.0
0.8
sma_2
0
100
200
300
400
500
600
Generation

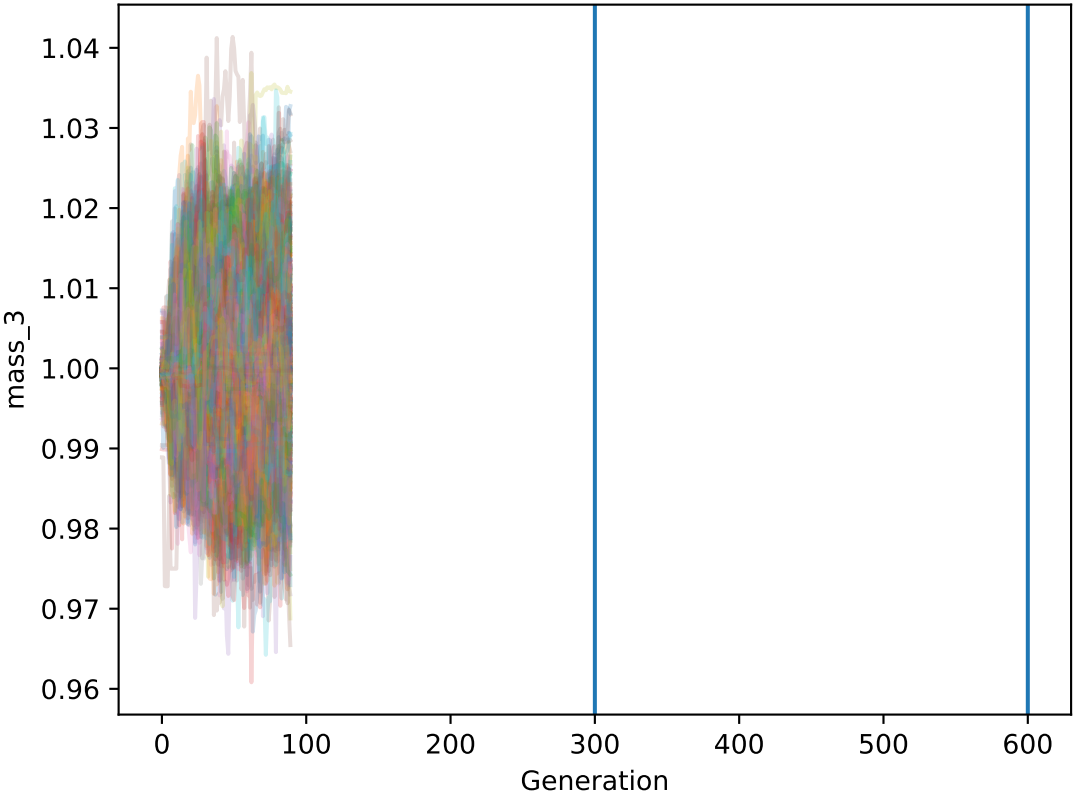

40
20
0
−20
−40
−60
−80
ecc_2
0
100
200
300
400
500
600
Generation

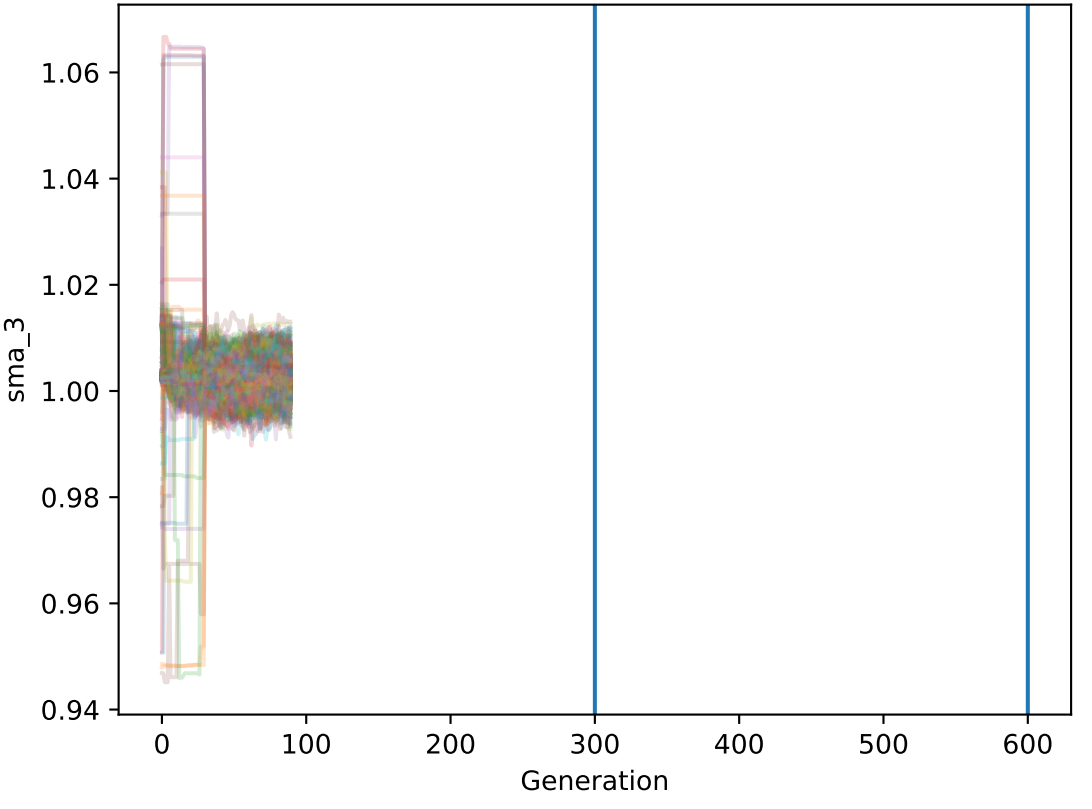

40
20
0
−20
−40
aop_2
0
100
200
300
400
500
600
Generation

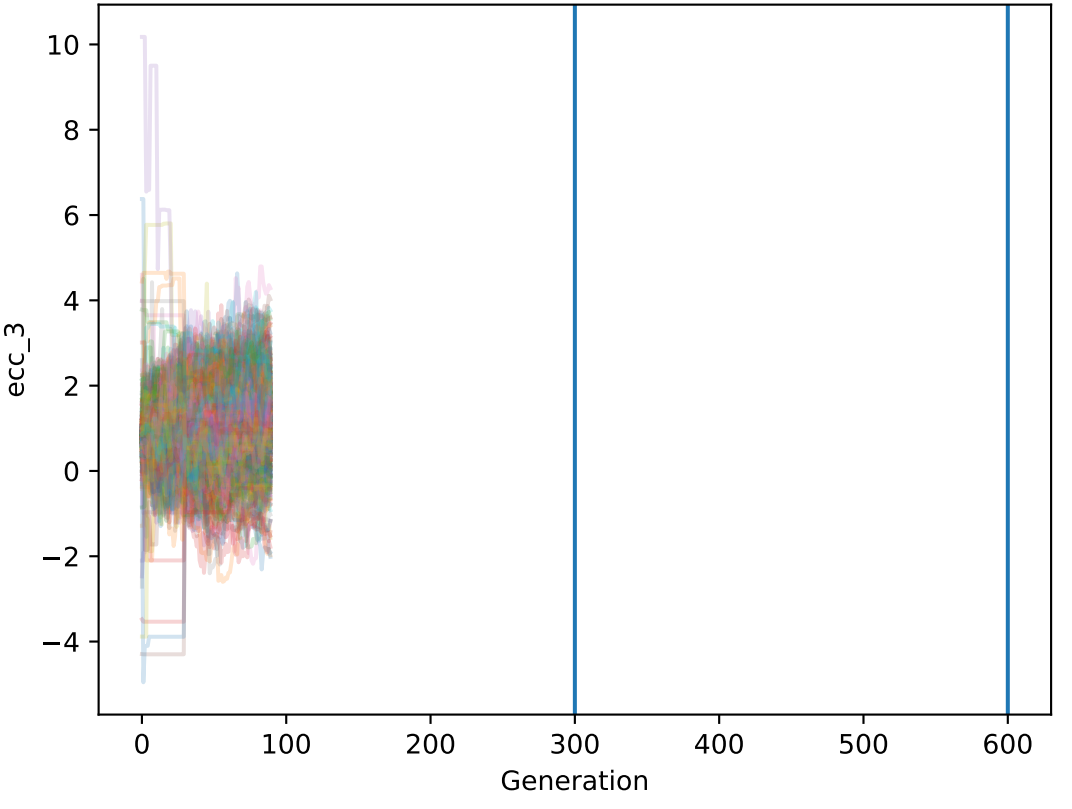

1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
inc_2
0
100
200
300
400
500
600
Generation

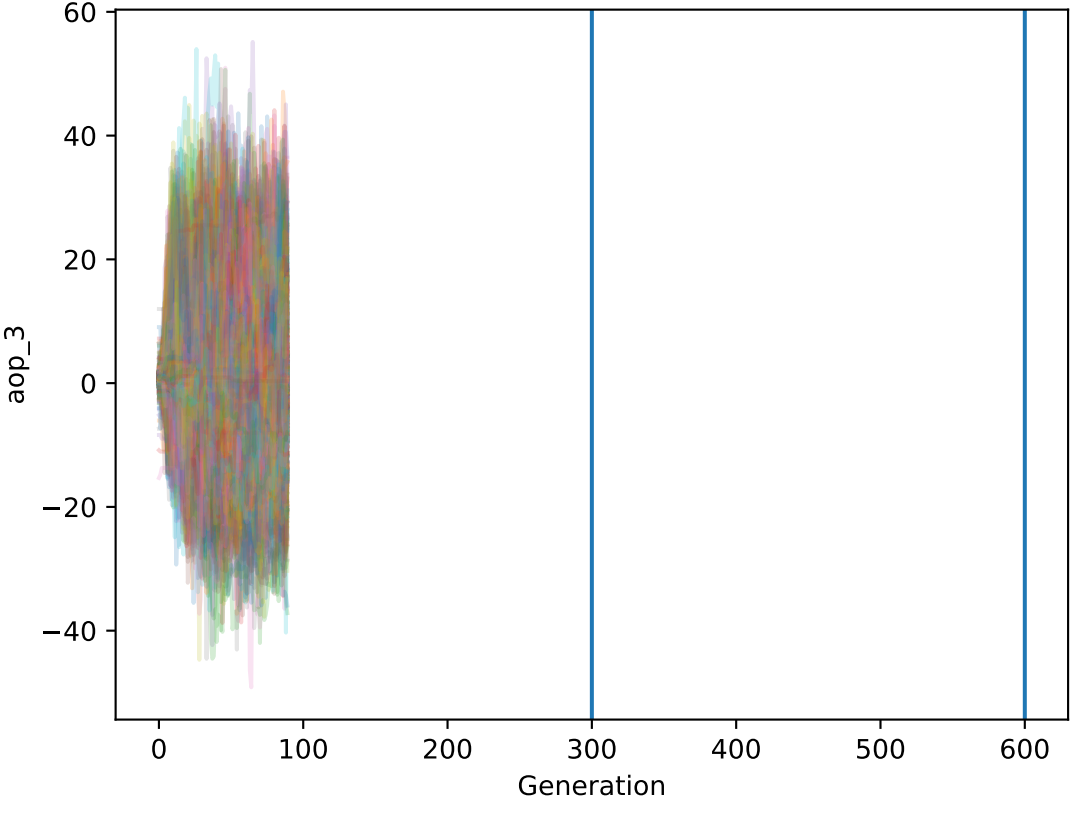

1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
lan_2
0
100
200
300
400
500
600
Generation

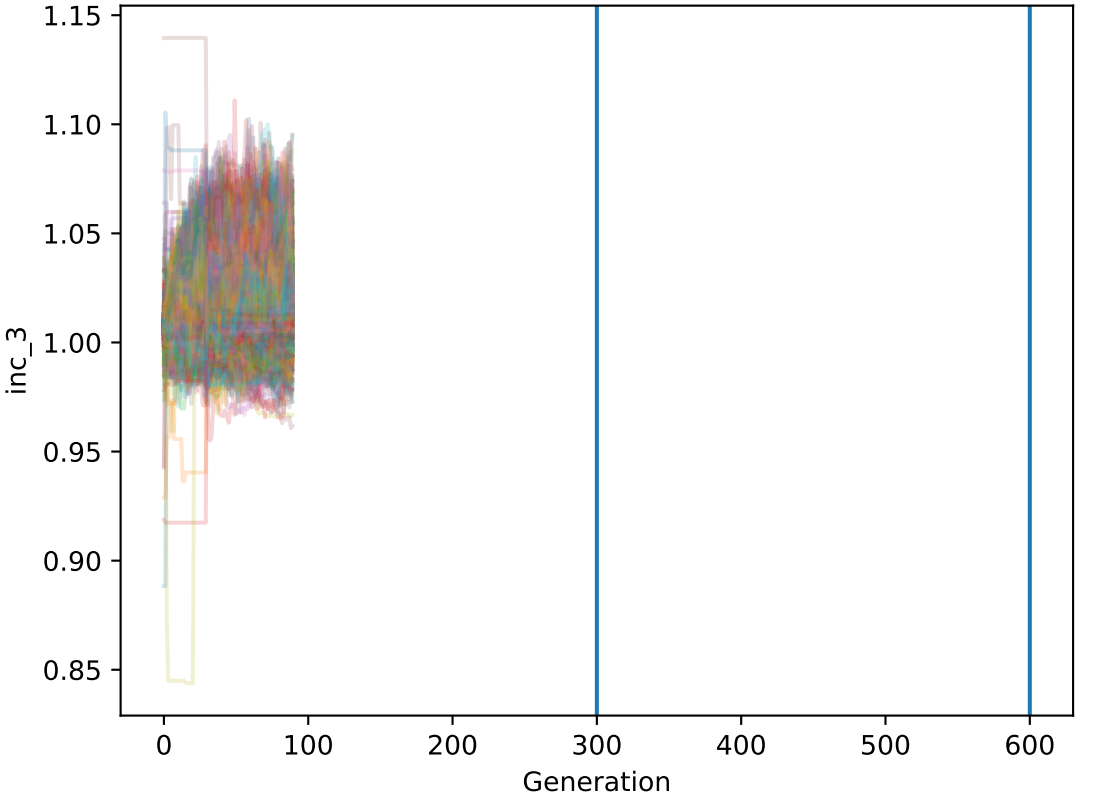

1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
mea_2
0
100
200
300
400
500
600
Generation

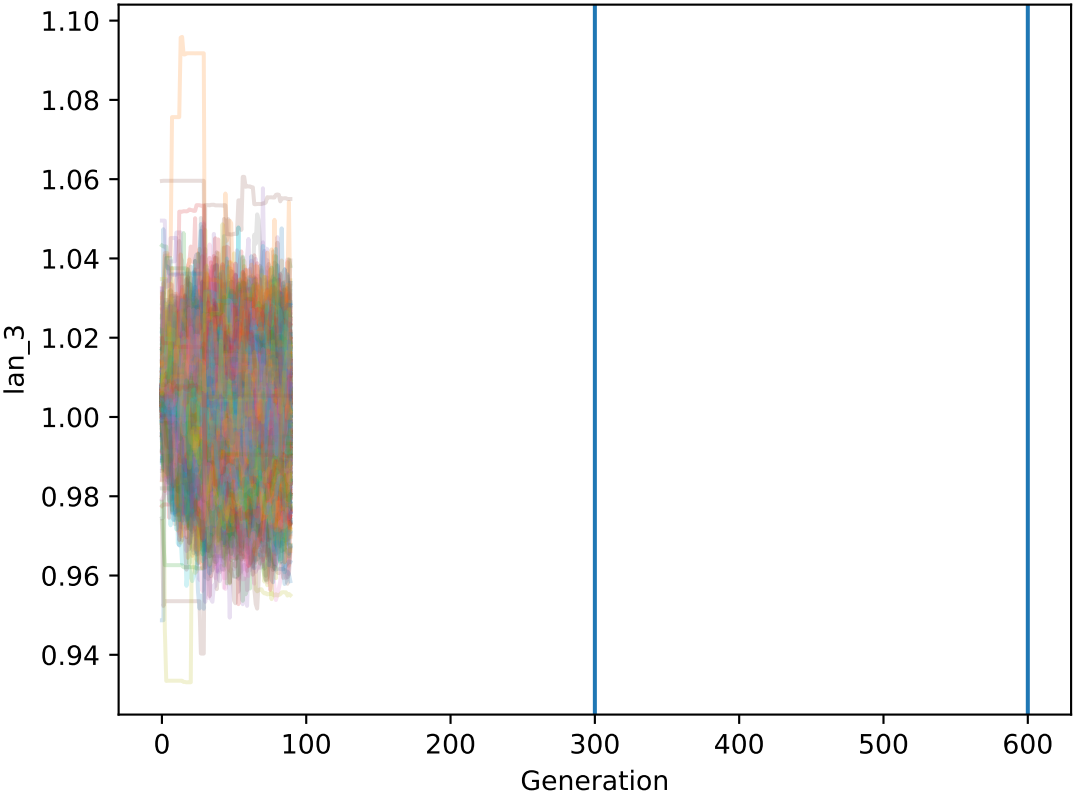

1.04
1.03
1.02
1.01
1.00
0.99
0.98
0.97
0.96
mass_3
0
100
200
300
400
500
600
Generation

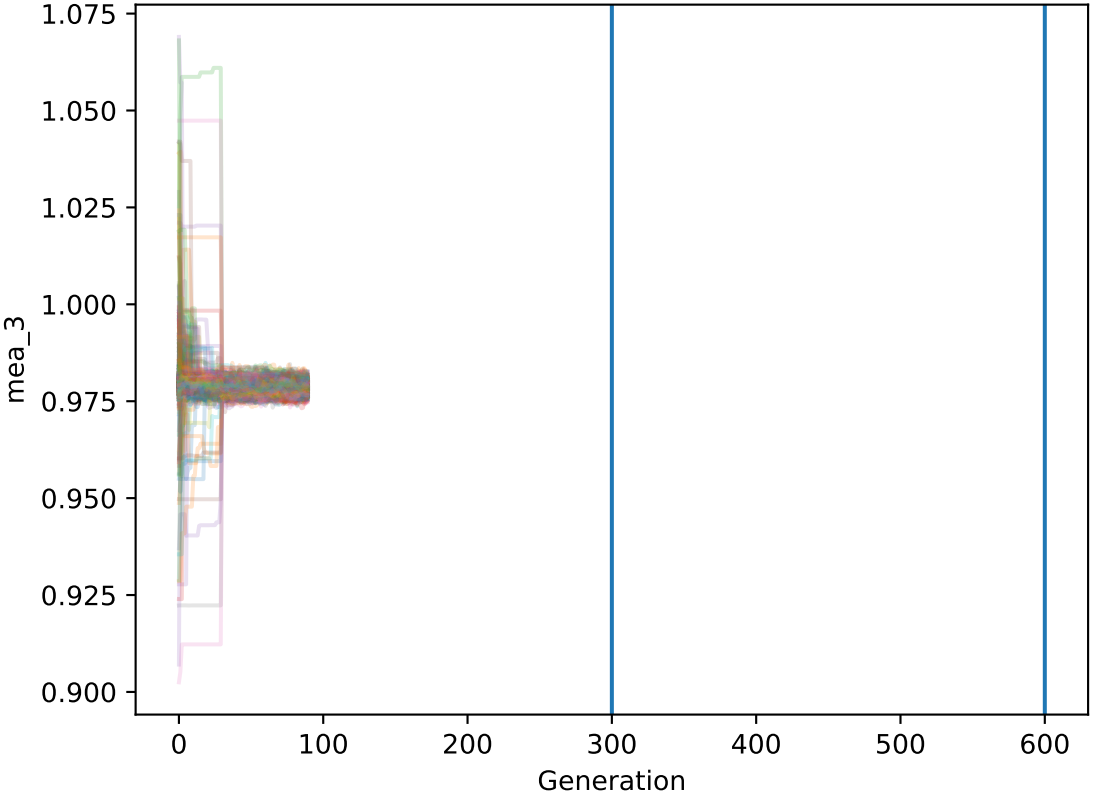

1.06
1.04
1.02
1.00
0.98
0.96
0.94
sma_3
0
100
200
300
400
500
600
Generation


10
8
6
4
2
0
−2
−4
ecc_3
0
100
200
300
400
500
600
Generation


60
40
20
0
−20
−40
aop_3
0
100
200
300
400
500
600
Generation


1.15
1.10
1.05
1.00
0.95
0.90
0.85
inc_3
0
100
200
300
400
500
600
Generation


1.10
1.08
1.06
1.04
1.02
1.00
0.98
0.96
0.94
lan_3
0
100
200
300
400
500
600
Generation


1.075
1.050
1.025
1.000
0.975
0.950
0.925
0.900
mea_3
0
100
200
300
400
500
600
Generation