2.0
1.8
1.6
1.4
1.2
1.0
mass_1
0
5000
10000
15000
20000
25000
Generation

1.05
1.00
0.95
0.90
0.85
mass_2
0
5000
10000
15000
20000
25000
Generation

1.03
1.02
1.01
1.00
0.99
0.98
0.97
sma_2
0
5000
10000
15000
20000
25000
Generation

1.06
1.04
1.02
1.00
0.98
0.96
0.94
0.92
ecc_2
0
5000
10000
15000
20000
25000
Generation

1.15
1.10
1.05
1.00
0.95
aop_2
0
5000
10000
15000
20000
25000
Generation

1.06
1.04
1.02
1.00
0.98
0.96
inc_2
0
5000
10000
15000
20000
25000
Generation

1.00
0.98
0.96
0.94
0.92
0.90
0.88
0.86
0.84
lan_2
0
5000
10000
15000
20000
25000
Generation

1.008
1.006
1.004
1.002
1.000
0.998
0.996
mea_2
0
5000
10000
15000
20000
25000
Generation

2.0
1.5
1.0
0.5
0.0
j2r2_1
0
5000
10000
15000
20000
25000
Generation

6
4
2
0
−2
−4
−6
spinc_1
0
5000
10000
15000
20000
25000
Generation

6
4
2
0
−2
−4
−6
splan_1
0
5000
10000
15000
20000
25000
Generation