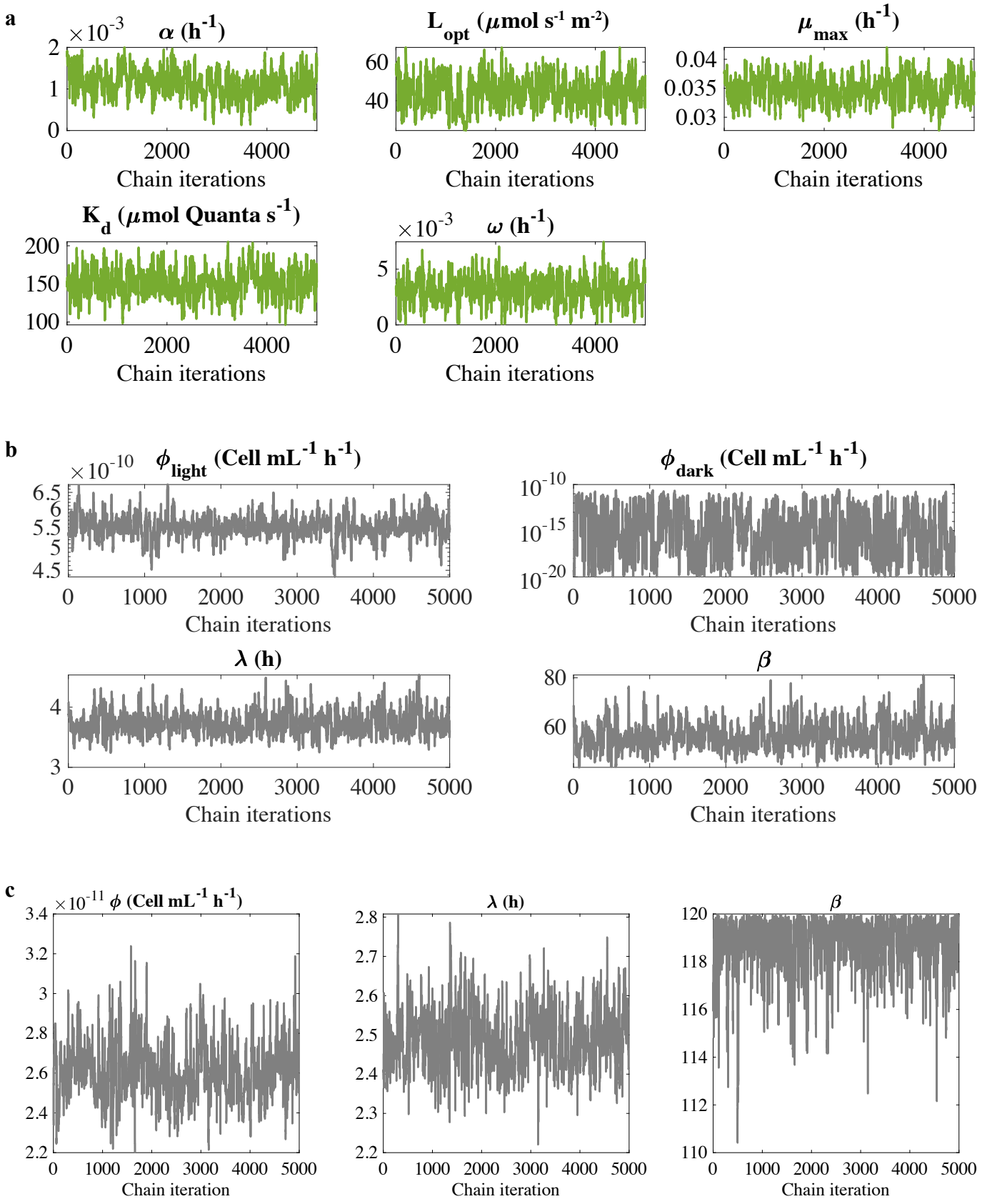
a
α (h-1)
×10-3
2
1
0
0
2000
4000
Chain iterations
Lopt (μmol s-1 m-2)
60
40
0
2000
4000
Chain iterations
μmax (h-1)
0.04
0.035
0.03
0
2000
4000
Chain iterations
Kd (μmol Quanta s-1)
200
150
100
0
2000
4000
Chain iterations
ω (h-1)
×10-3
5
0
0
2000
4000
Chain iterations
b
ϕlight (Cell mL-1 h-1)
×10-10
6.5
6
5.5
5
4.5
0
1000
2000
3000
4000
5000
Chain iterations
ϕdark (Cell mL-1 h-1)
10-10
10-15
10-20
0
1000
2000
3000
4000
5000
Chain iterations
λ (h)
4
3
0
1000
2000
3000
4000
5000
Chain iterations
β
80
60
0
1000
2000
3000
4000
5000
Chain iterations
c
ϕ (Cell mL-1 h-1)
×10-11
3.4
3.2
3
2.8
2.6
2.4
2.2
0
1000
2000
3000
4000
5000
Chain iteration
λ (h)
2.8
2.7
2.6
2.5
2.4
2.3
2.2
0
1000
2000
3000
4000
5000
Chain iteration
β
120
118
116
114
112
110
0
1000
2000
3000
4000
5000
Chain iteration