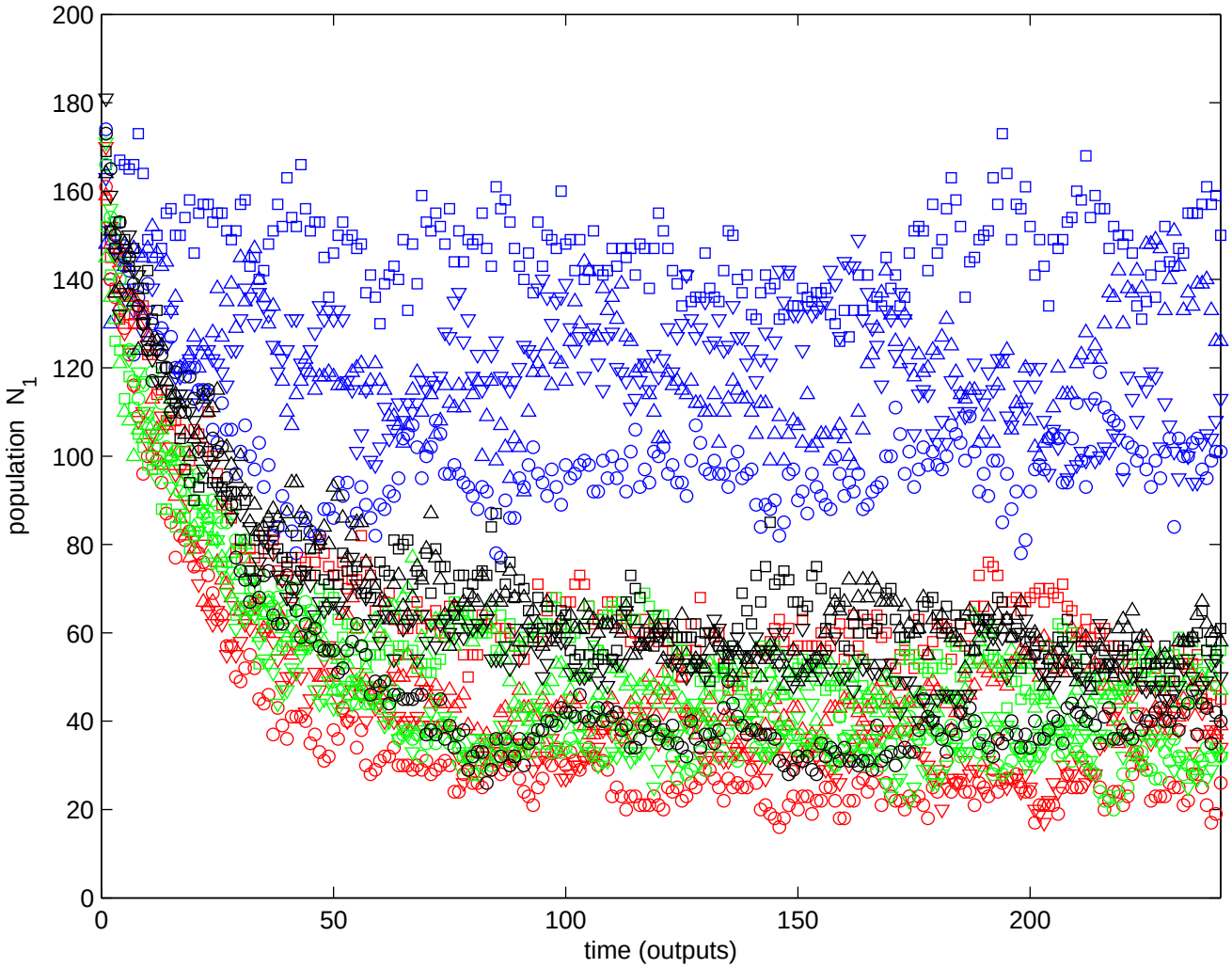
200
180
160
140
120
100
80
60
40
20
0
population $N_1$
0
50
100
150
200
time (outputs)