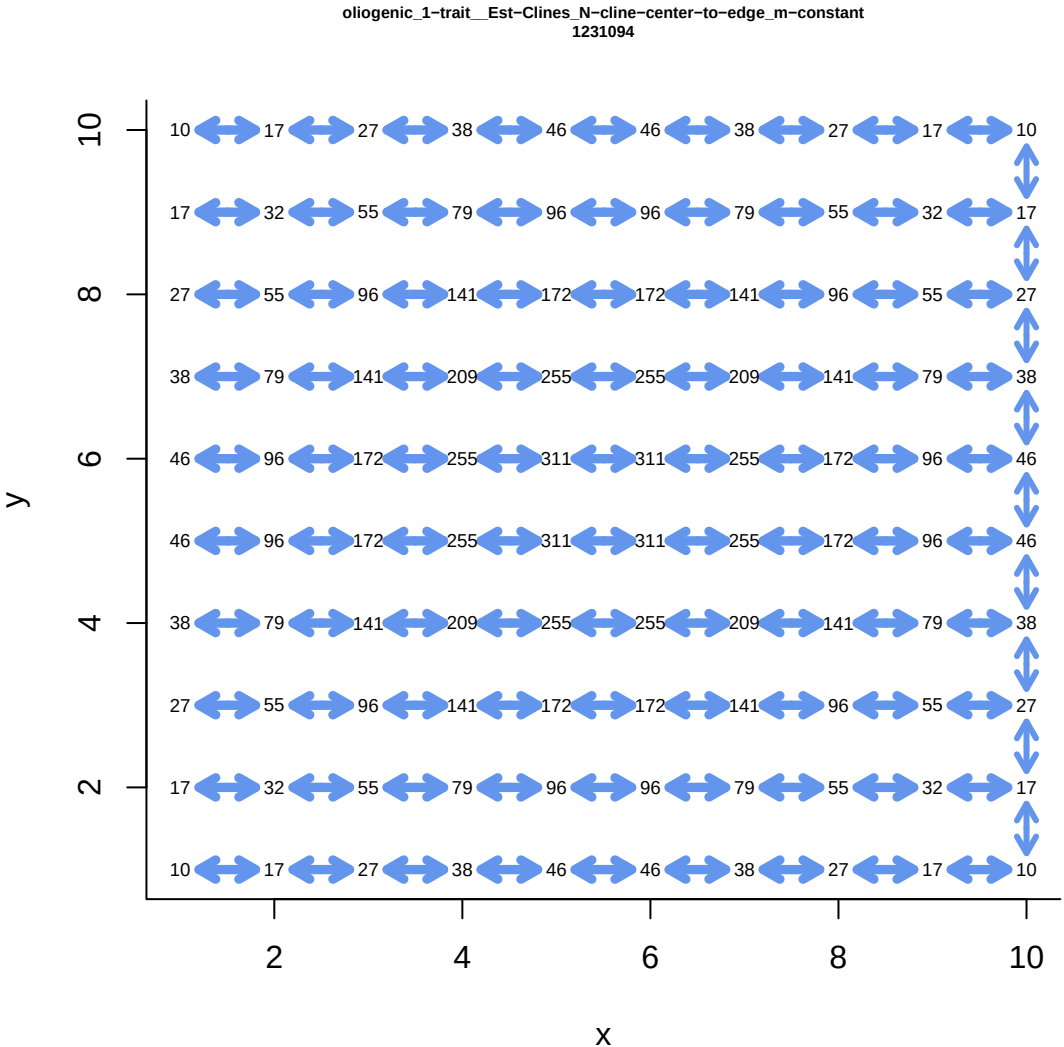
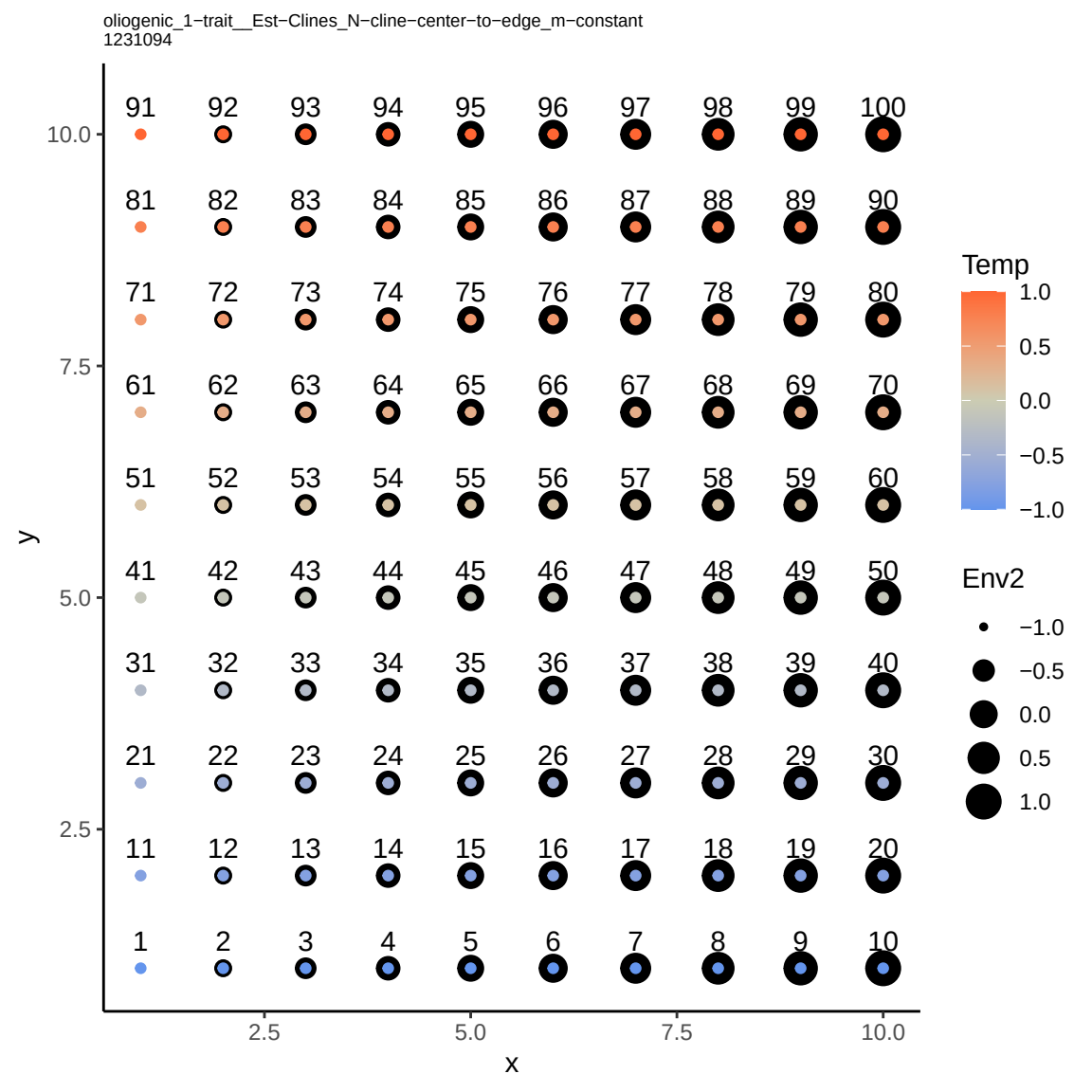
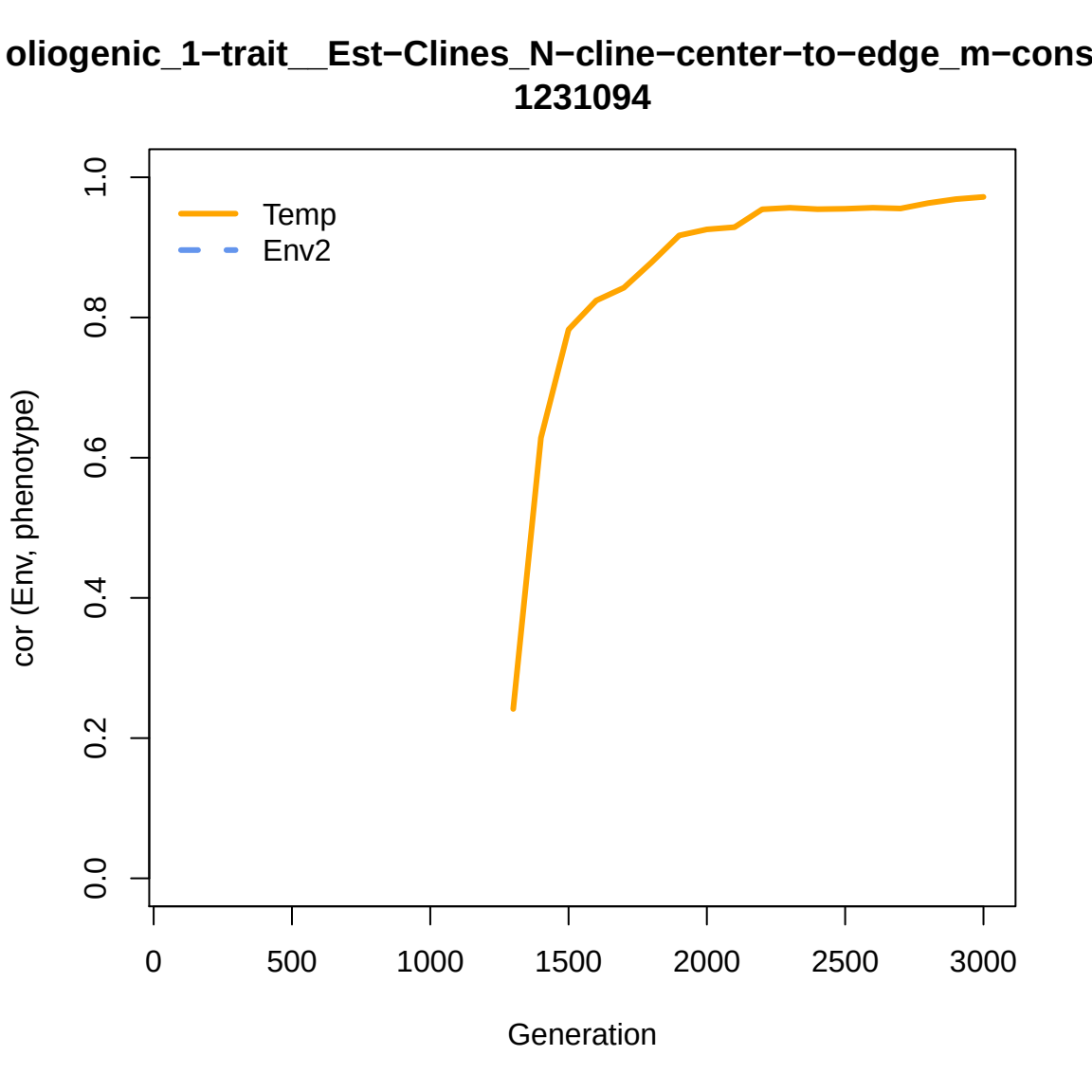
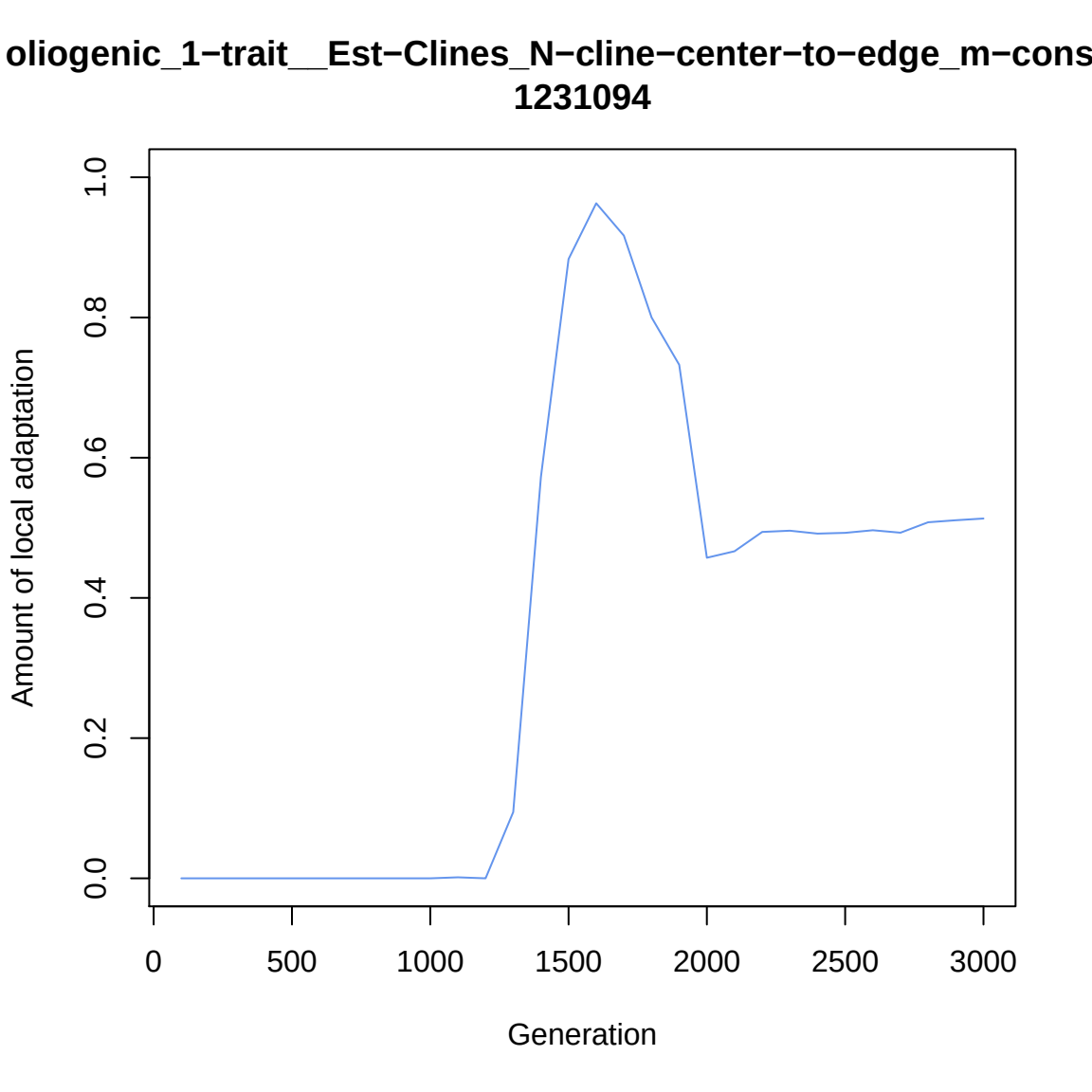
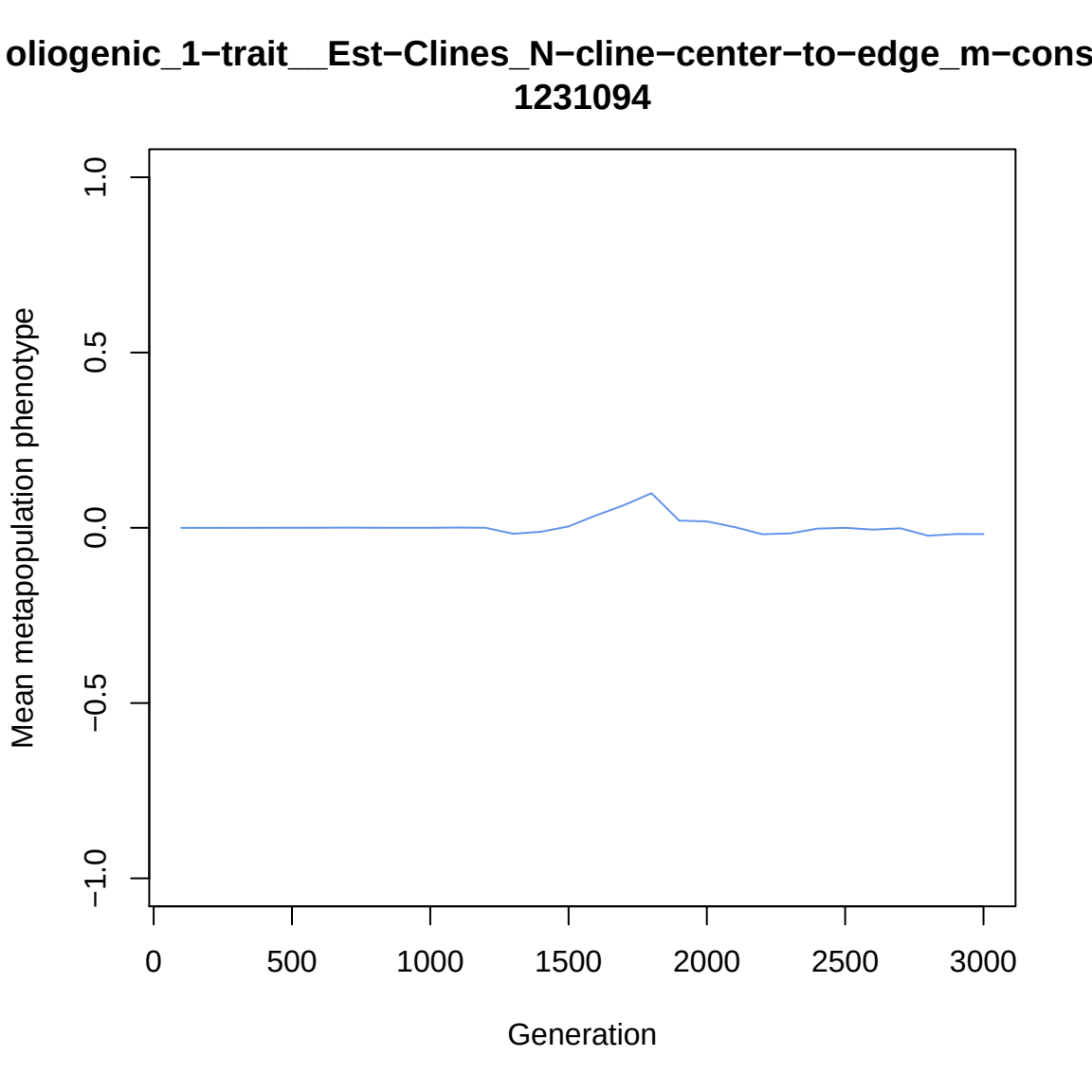
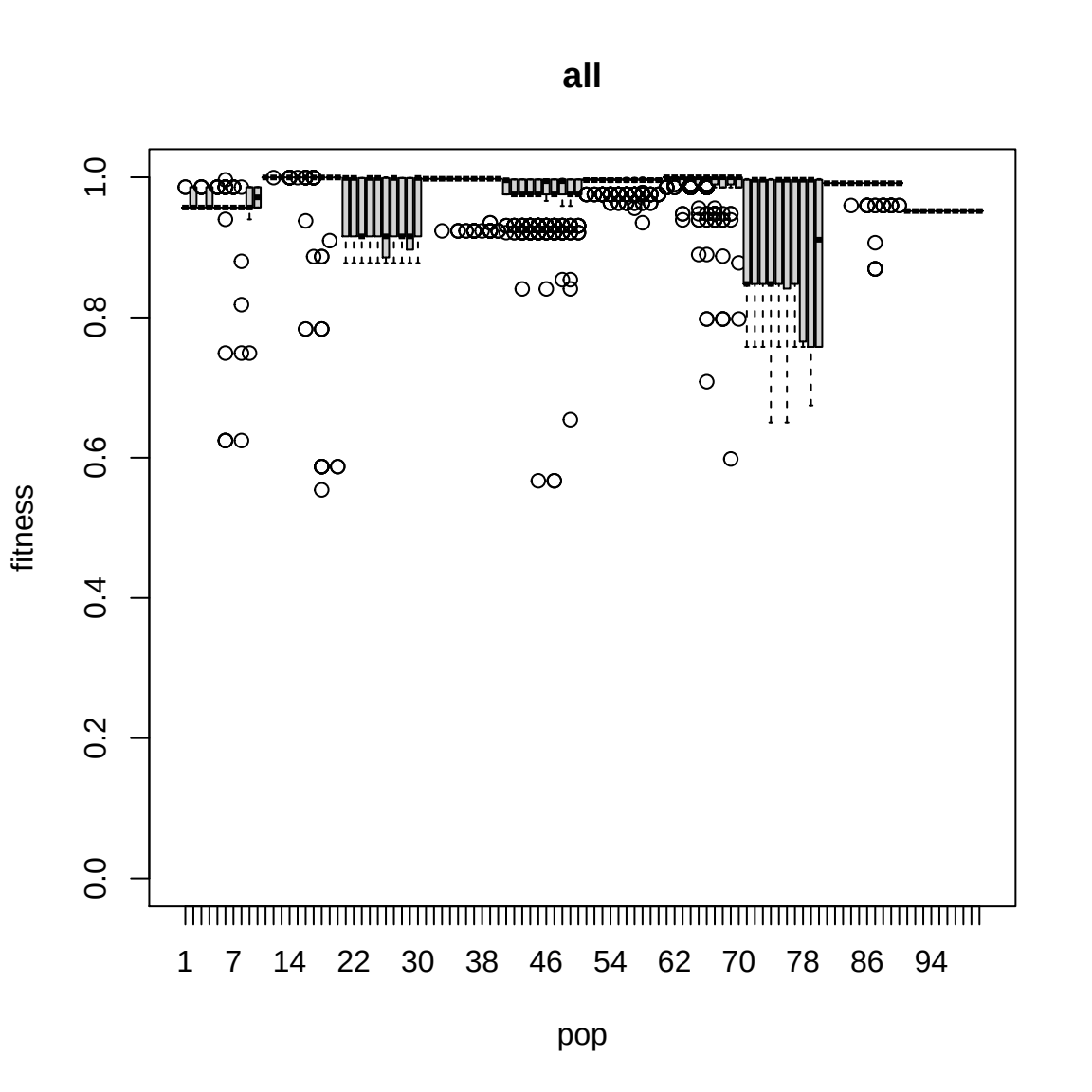

oliogenic_1−trait__Est−Clines_N−cline−center−to−edge_m−constant
1231094
10 17 27 38 46 46 38 27 17 10
17 32 55 79 96 96 79 55 32 17
27 55 96 141 172 172 141 96 55 27
38 79 141 209 255 255 209 141 79 38
46 96 172 255 311 311 255 172 96 46
46 96 172 255 311 311 255 172 96 46
38 79 141 209 255 255 209 141 79 38
27 55 96 141 172 172 141 96 55 27
17 32 55 79 96 96 79 55 32 17
10 17 27 38 46 46 38 27 17 10
y
2
4
6
8
10
x
2
4
6
8
10

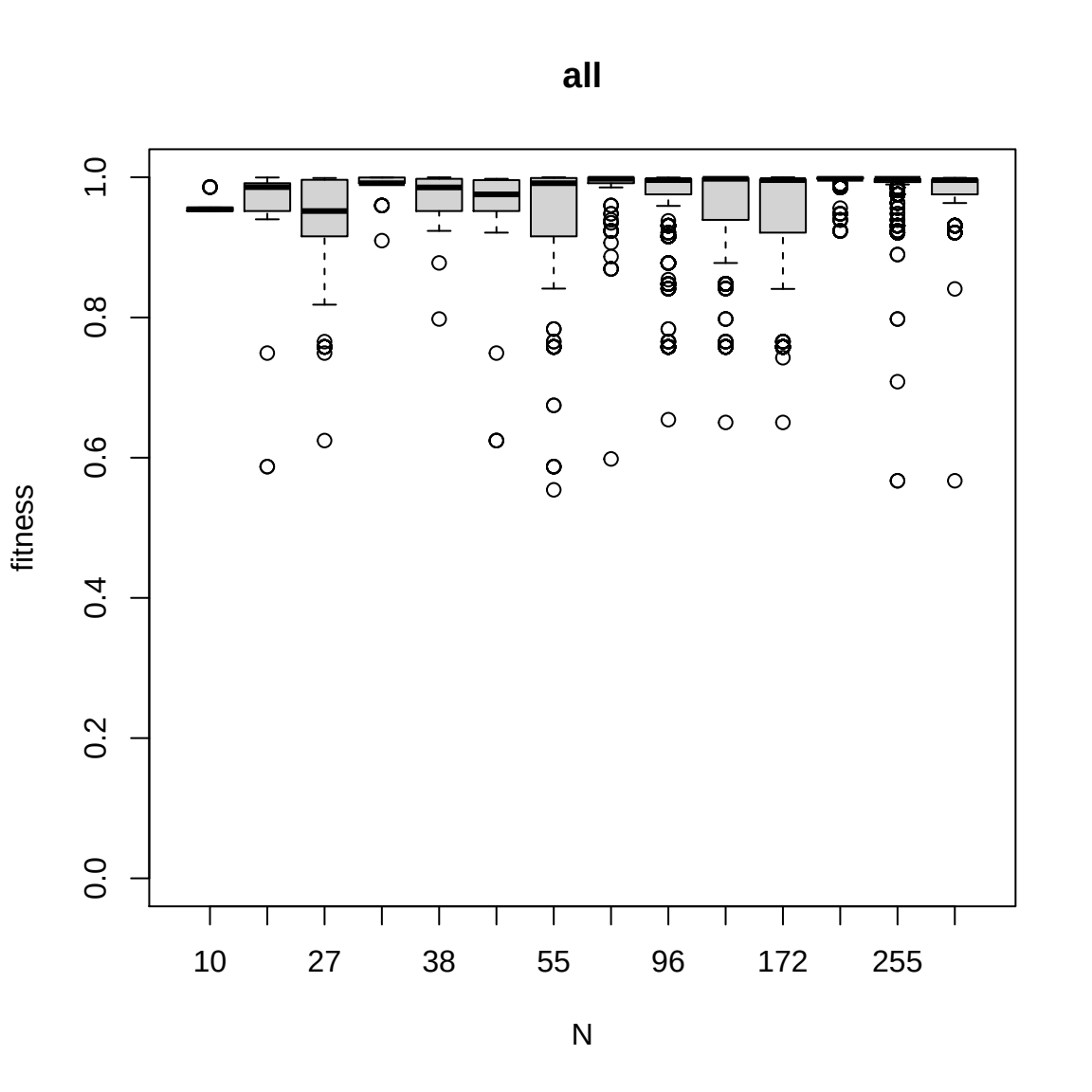

oliogenic_1−trait__Est−Clines_N−cline−center−to−edge_m−constant
1231094
91 92 93 94 95 96 97 98 99 100
81 82 83 84 85 86 87 88 89 90
71 72 73 74 75 76 77 78 79 80
61 62 63 64 65 66 67 68 69 70
51 52 53 54 55 56 57 58 59 60
41 42 43 44 45 46 47 48 49 50
31 32 33 34 35 36 37 38 39 40
21 22 23 24 25 26 27 28 29 30
11 12 13 14 15 16 17 18 19 20
1 2 3 4 5 6 7 8 9 10
10.0
7.5
5.0
2.5
y
2.5
5.0
7.5
10.0
x
Temp
1.0
0.5
0.0
−0.5
−1.0
Env2
−1.0
−0.5
0.0
0.5
1.0

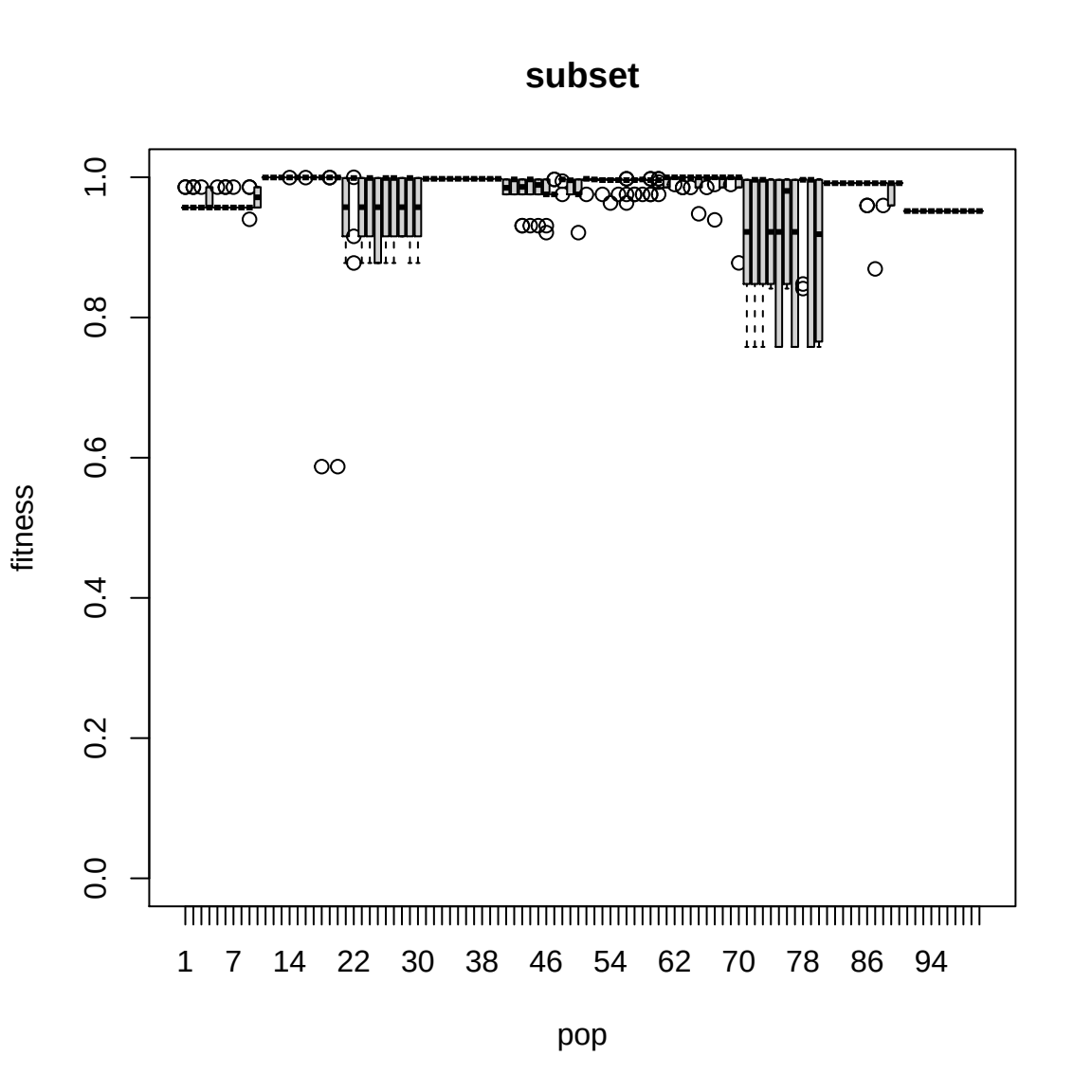

oliogenic_1−trait__Est−Clines_N−cline−center−to−edge_m−cons
1231094
Temp
Env2
cor (Env, phenotype)
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
Generation

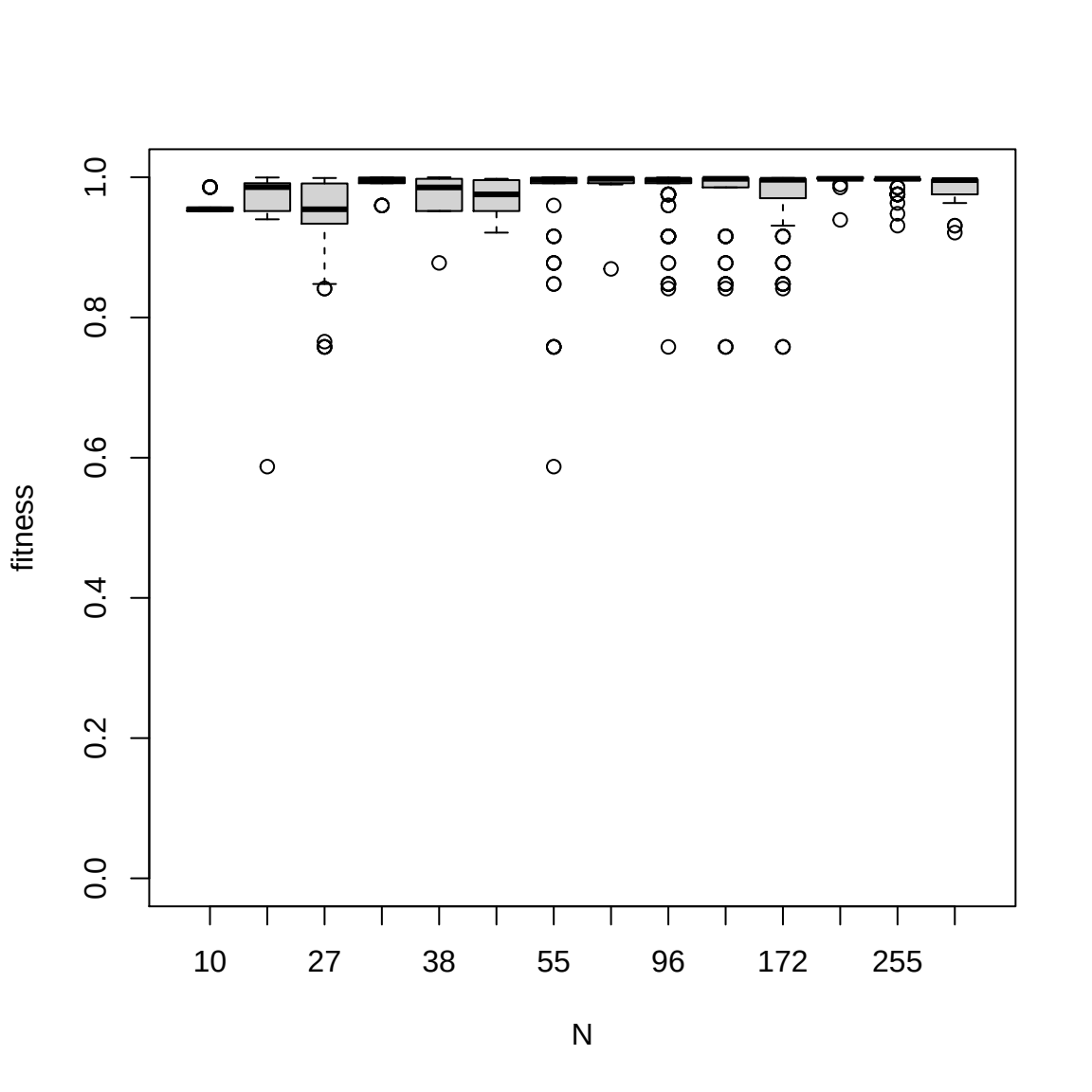

oliogenic_1−trait__Est−Clines_N−cline−center−to−edge_m−cons
1231094
Amount of local adaptation
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
Generation

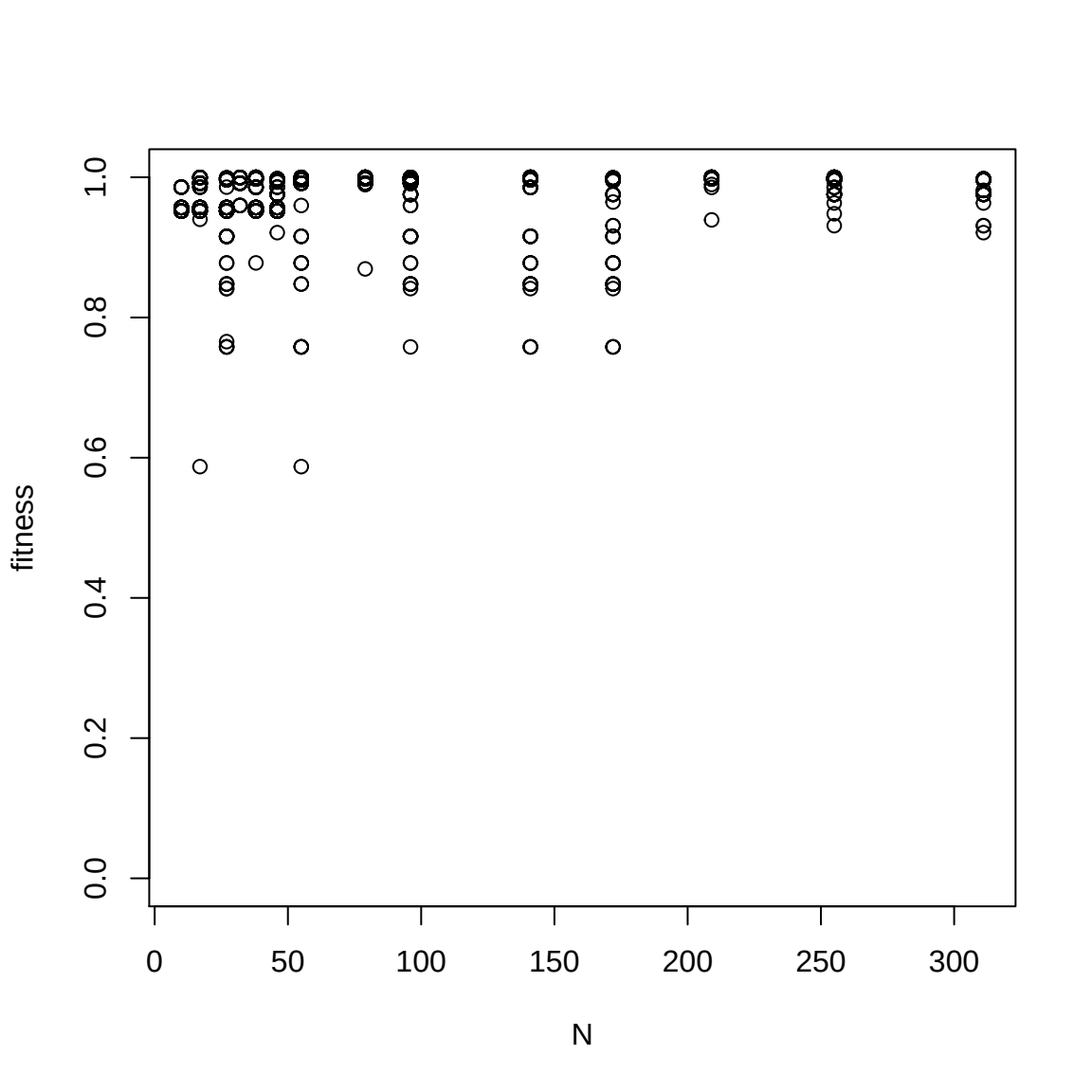

oliogenic_1−trait__Est−Clines_N−cline−center−to−edge_m−cons
1231094
Mean metapopulation phenotype
1.0
0.5
0.0
−0.5
−1.0
0
500
1000
1500
2000
2500
3000
Generation

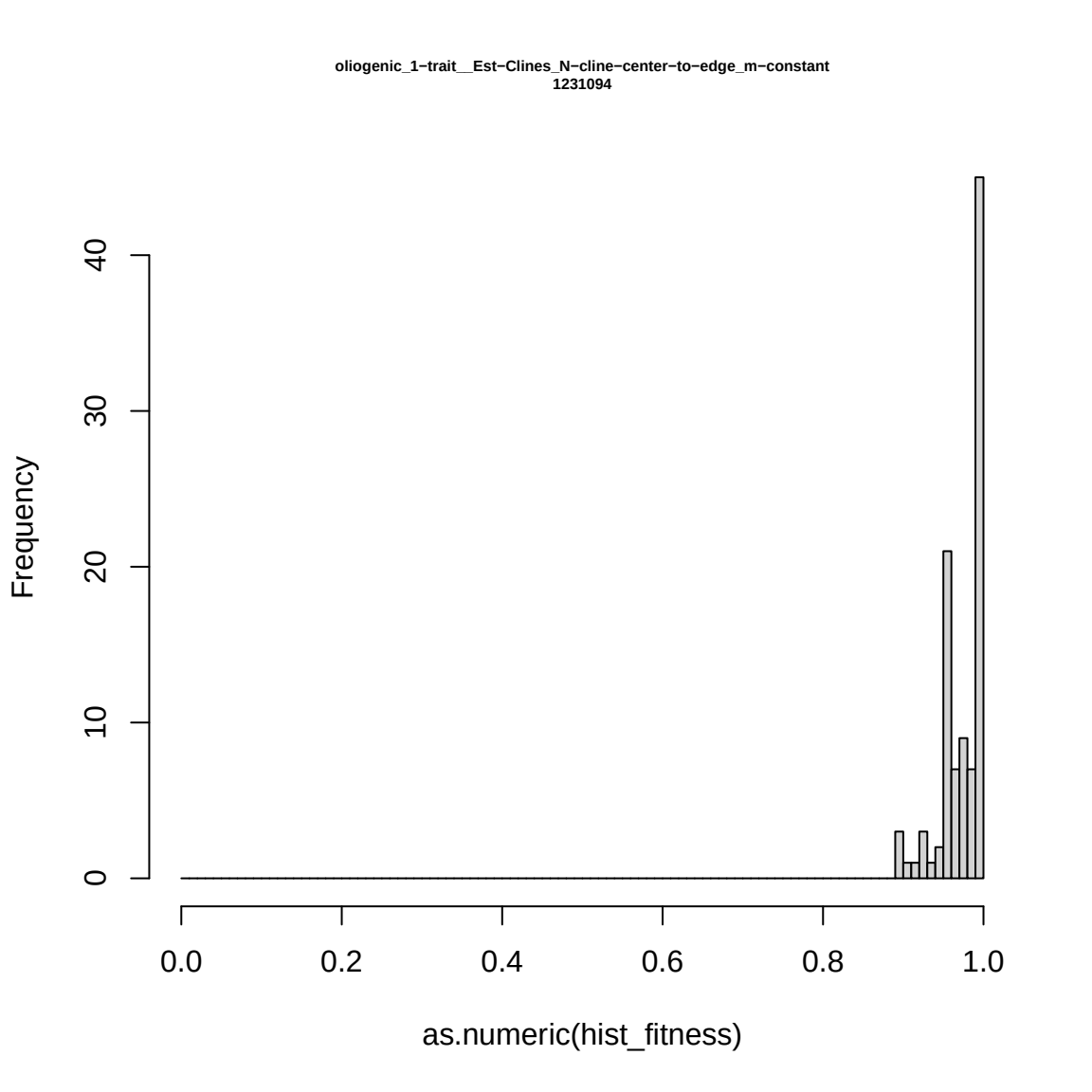

all
fitness
0.0
0.2
0.4
0.6
0.8
1.0
1
7
14
22
30
38
46
54
62
70
78
86
94
pop

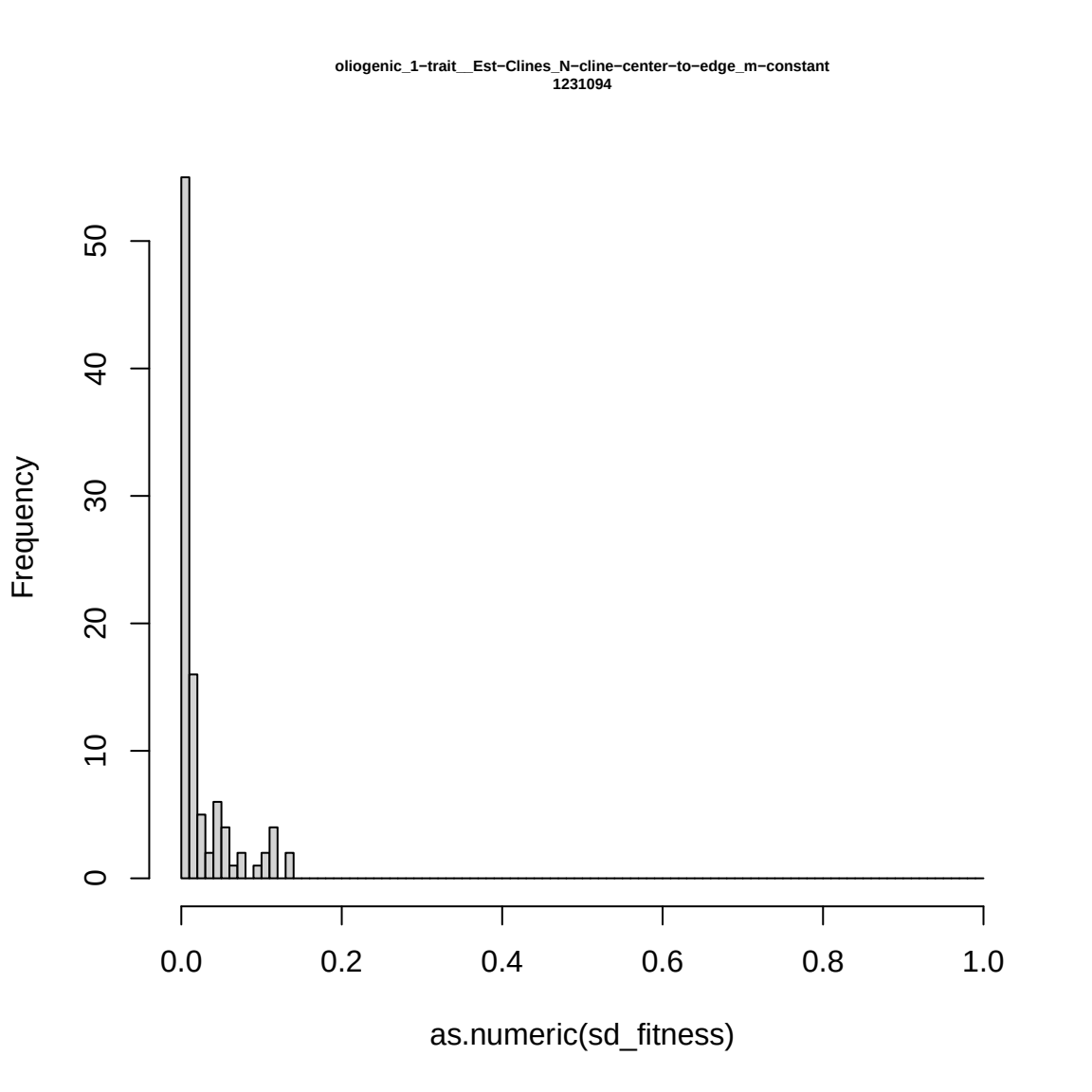

all
fitness
0.0
0.2
0.4
0.6
0.8
1.0
10
27
38
55
96
172
255
N


subset
fitness
0.0
0.2
0.4
0.6
0.8
1.0
1
7
14
22
30
38
46
54
62
70
78
86
94
pop


fitness
0.0
0.2
0.4
0.6
0.8
1.0
10
27
38
55
96
172
255
N


fitness
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
200
250
300
N


oliogenic_1−trait__Est−Clines_N−cline−center−to−edge_m−constant
1231094
Frequency
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
as.numeric(hist_fitness)


oliogenic_1−trait__Est−Clines_N−cline−center−to−edge_m−constant
1231094
Frequency
0
10
20
30
40
50
0.0
0.2
0.4
0.6
0.8
1.0
as.numeric(sd_fitness)