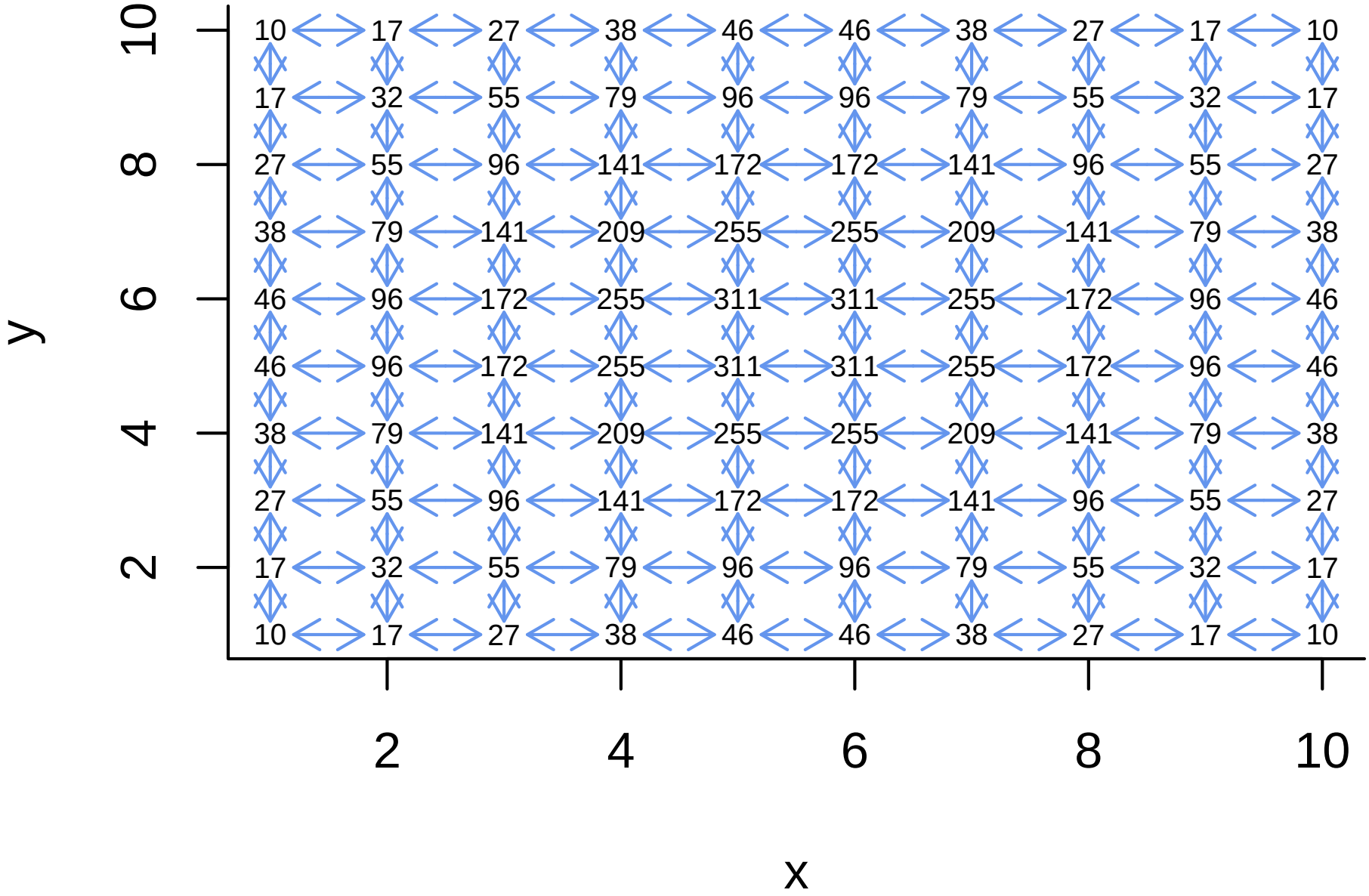
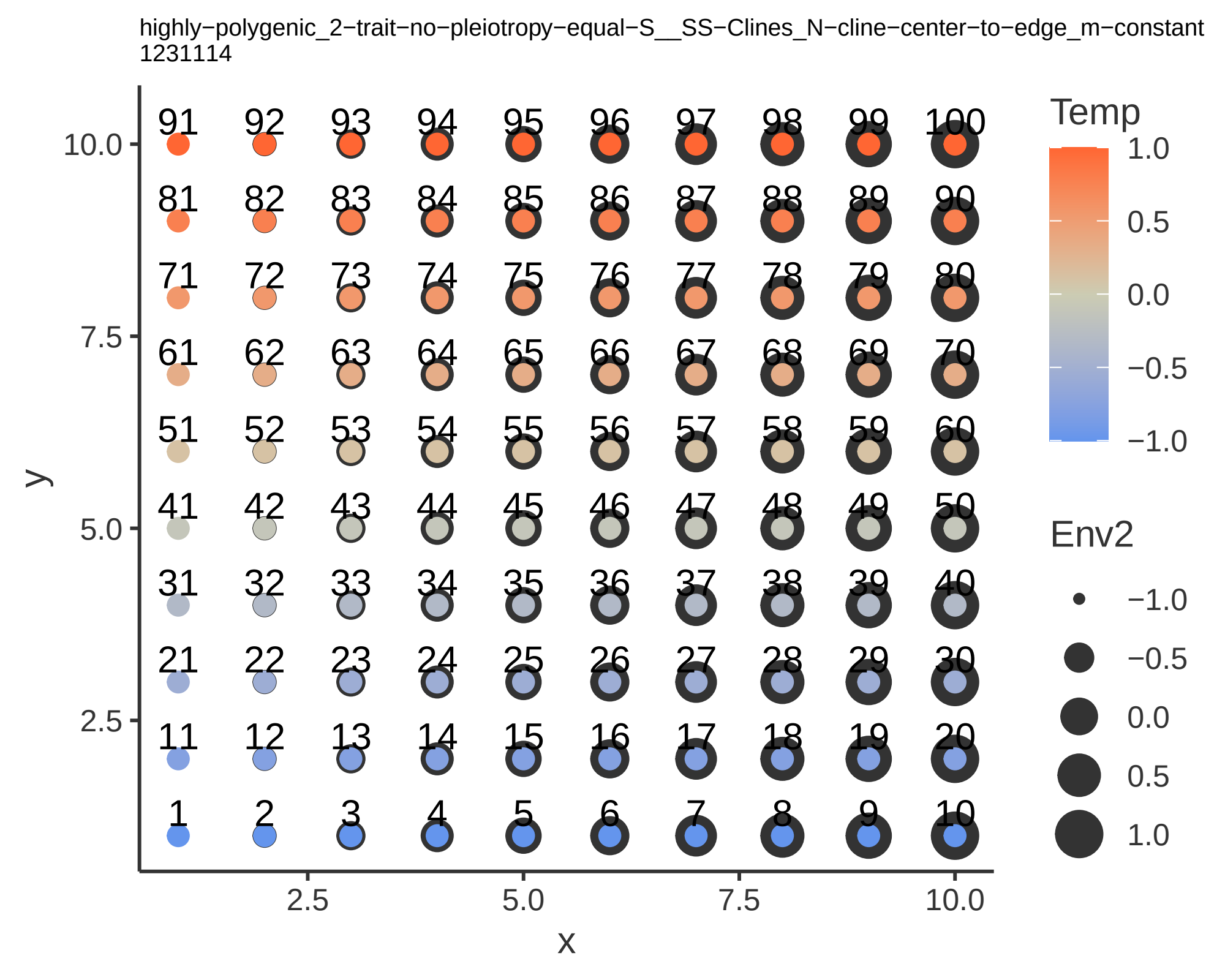
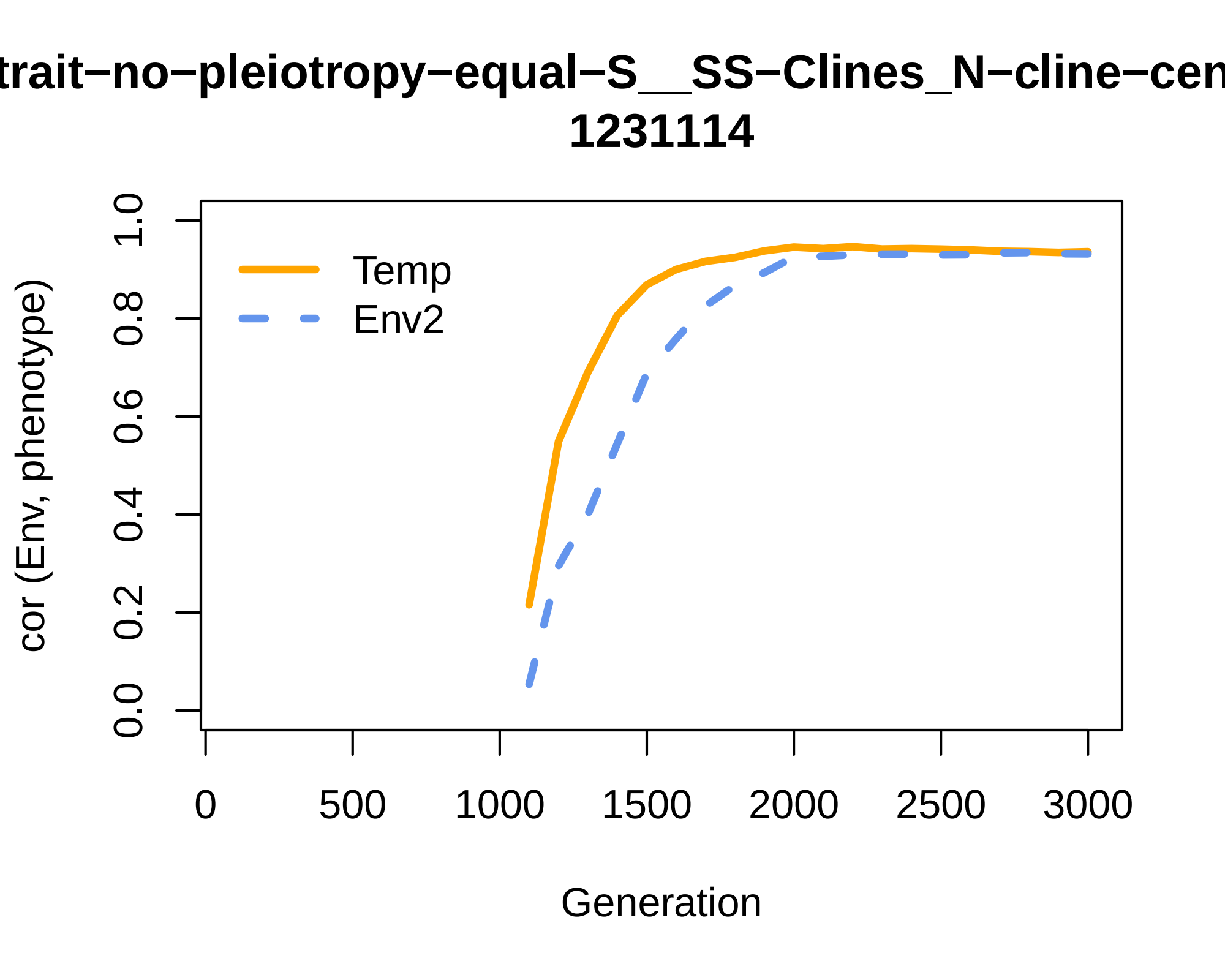
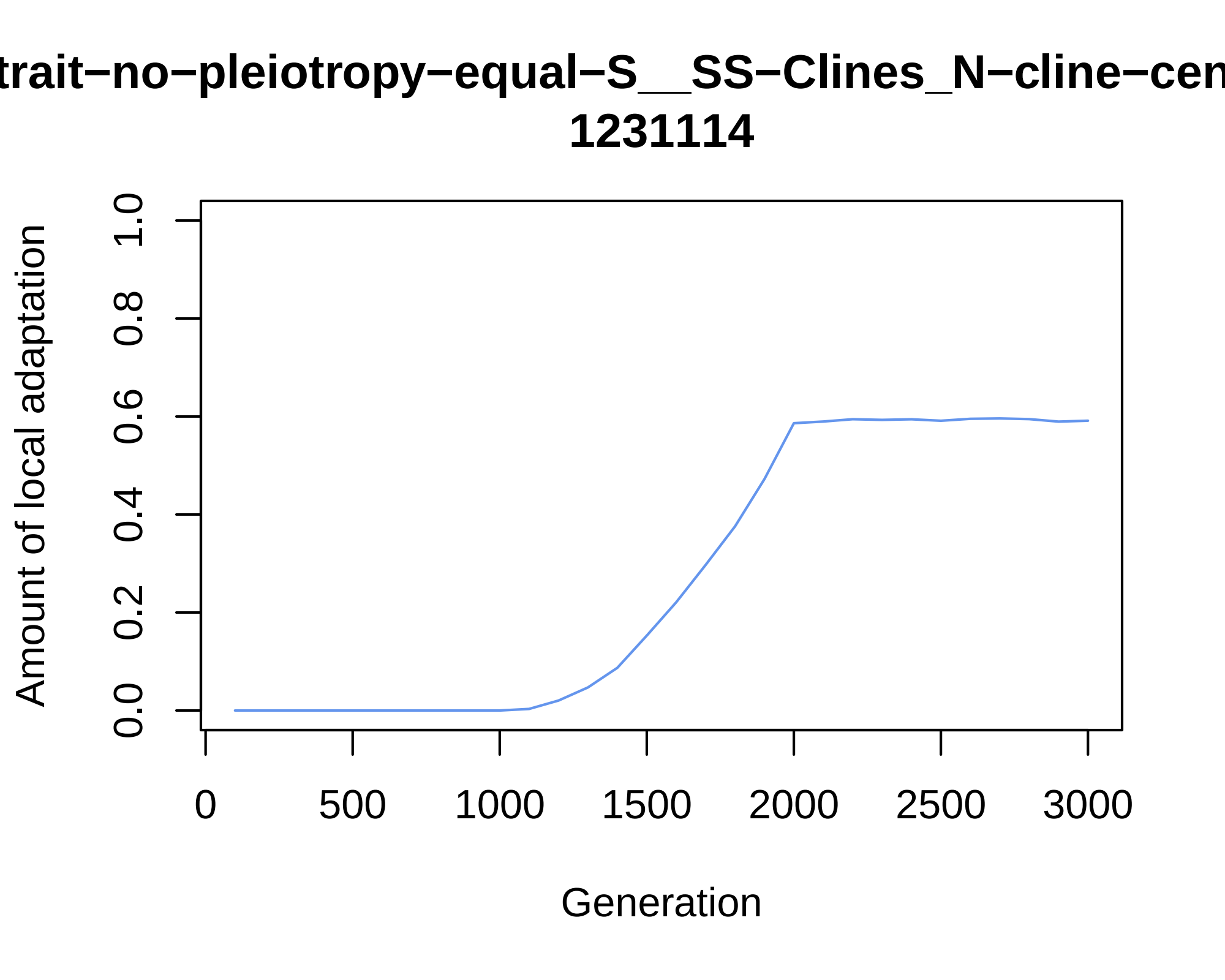
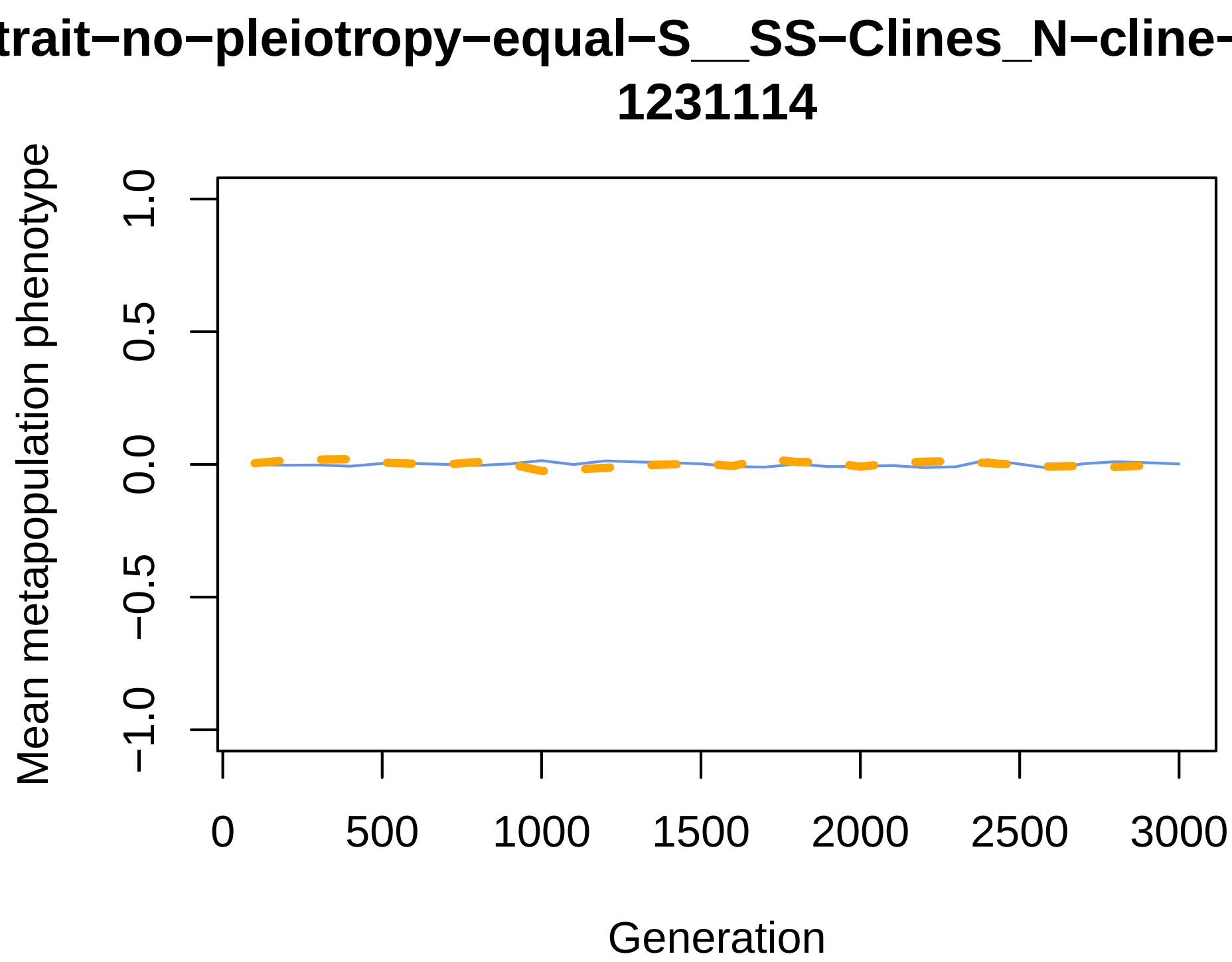
highly−polygenic_2−trait−no−pleiotropy−equal−S__SS−Clines_N−cline−center−to−edge_m−constant
1231114

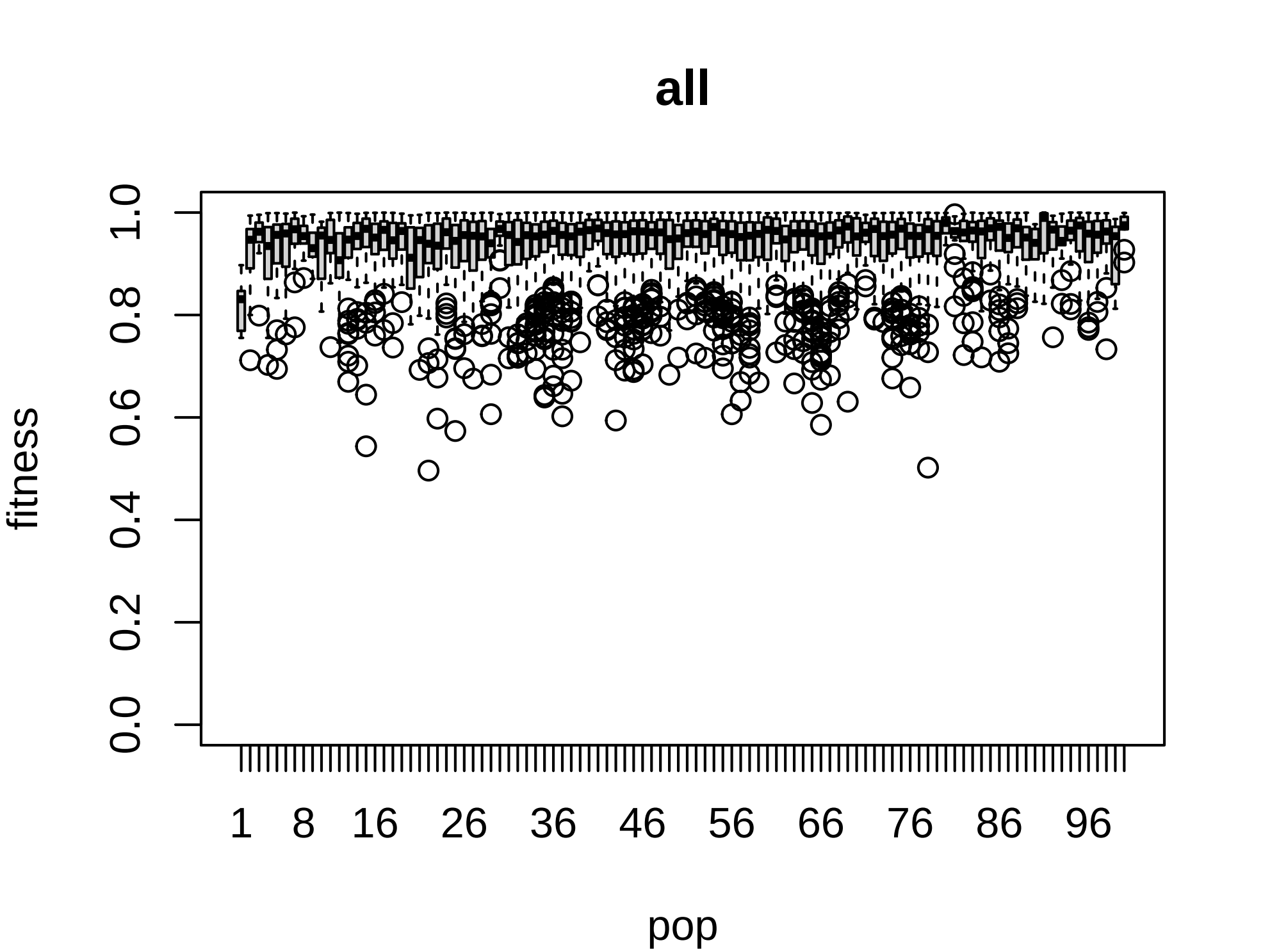


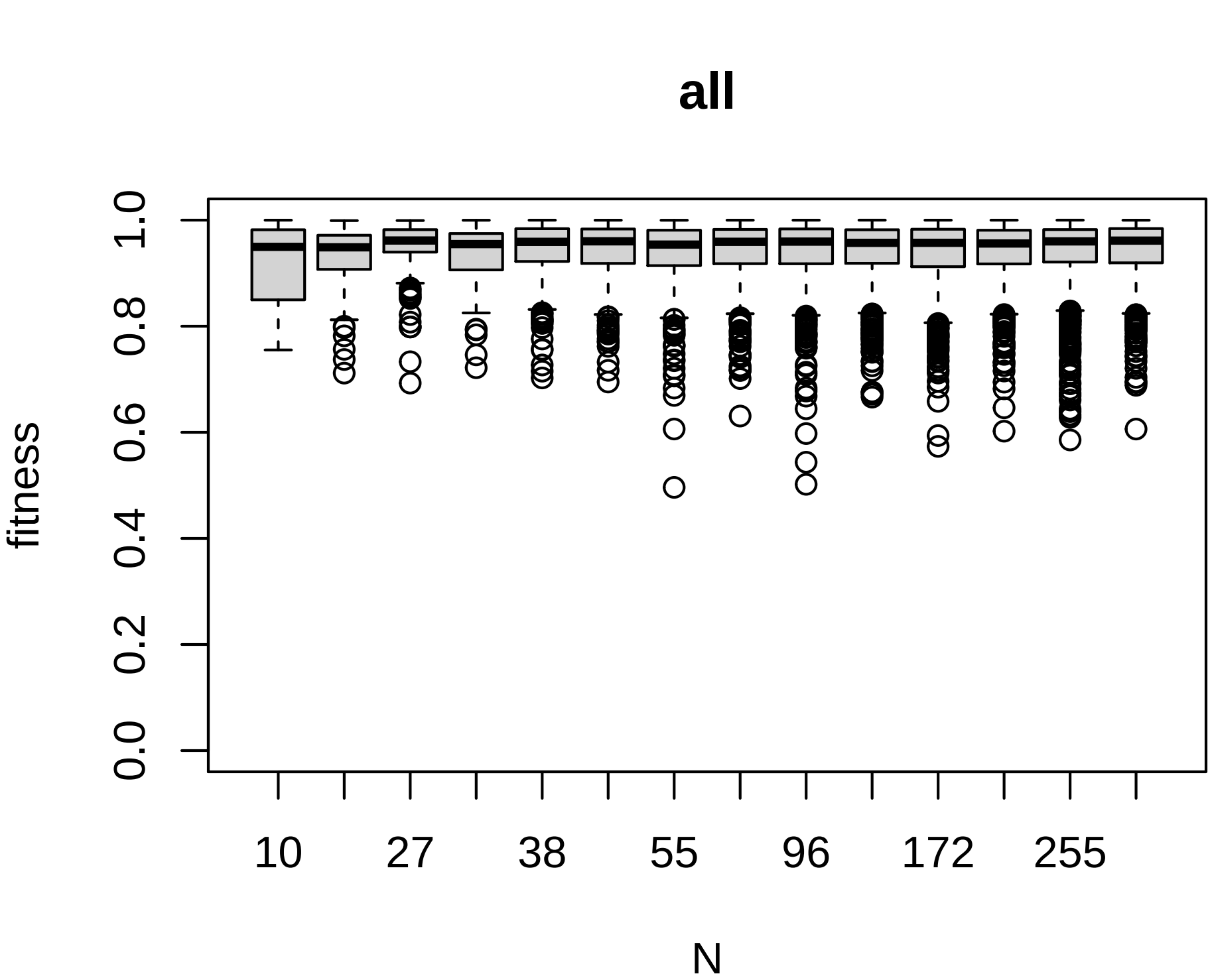

highly−polygenic_2−trait−no−pleiotropy−equal−S__SS−Clines_N−cline−center−to−edge_m−constant
1231114
Temp
1.0
0.5
0.0
−0.5
−1.0
Env2
−1.0
−0.5
0.0
0.5
1.0
y
10.0
7.5
5.0
2.5
x
2.5
5.0
7.5
10.0
91 92 93 94 95 96 97 98 99 100
81 82 83 84 85 86 87 88 89 90
71 72 73 74 75 76 77 78 79 80
61 62 63 64 65 66 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

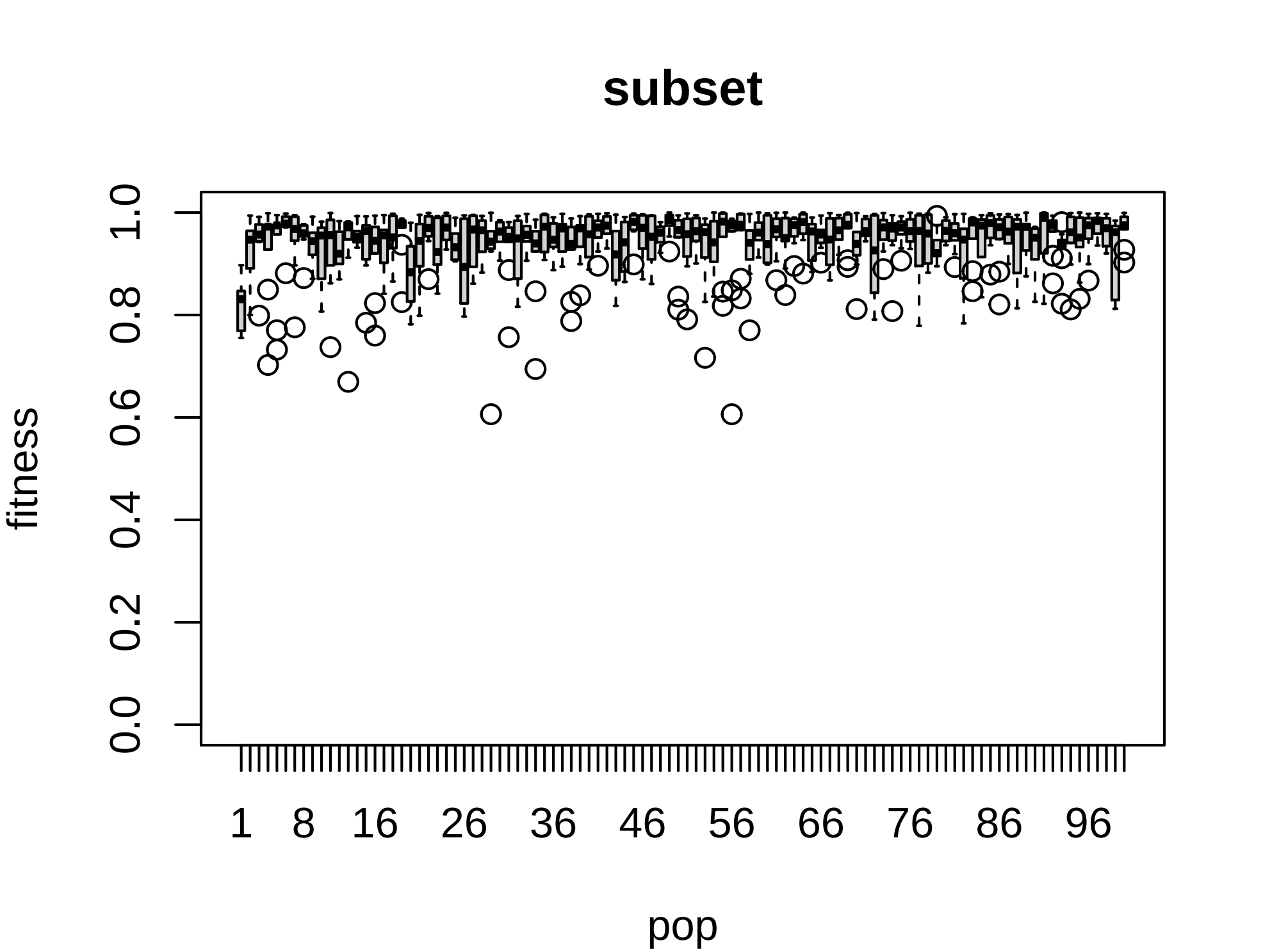

trait−no−pleiotropy−equal−S__SS−Clines_N−cline−cen
1231114
cor (Env, phenotype)
0.0
0.2
0.4
0.6
0.8
1.0
Temp
Env2
0
500
1000
1500
2000
2500
3000
Generation

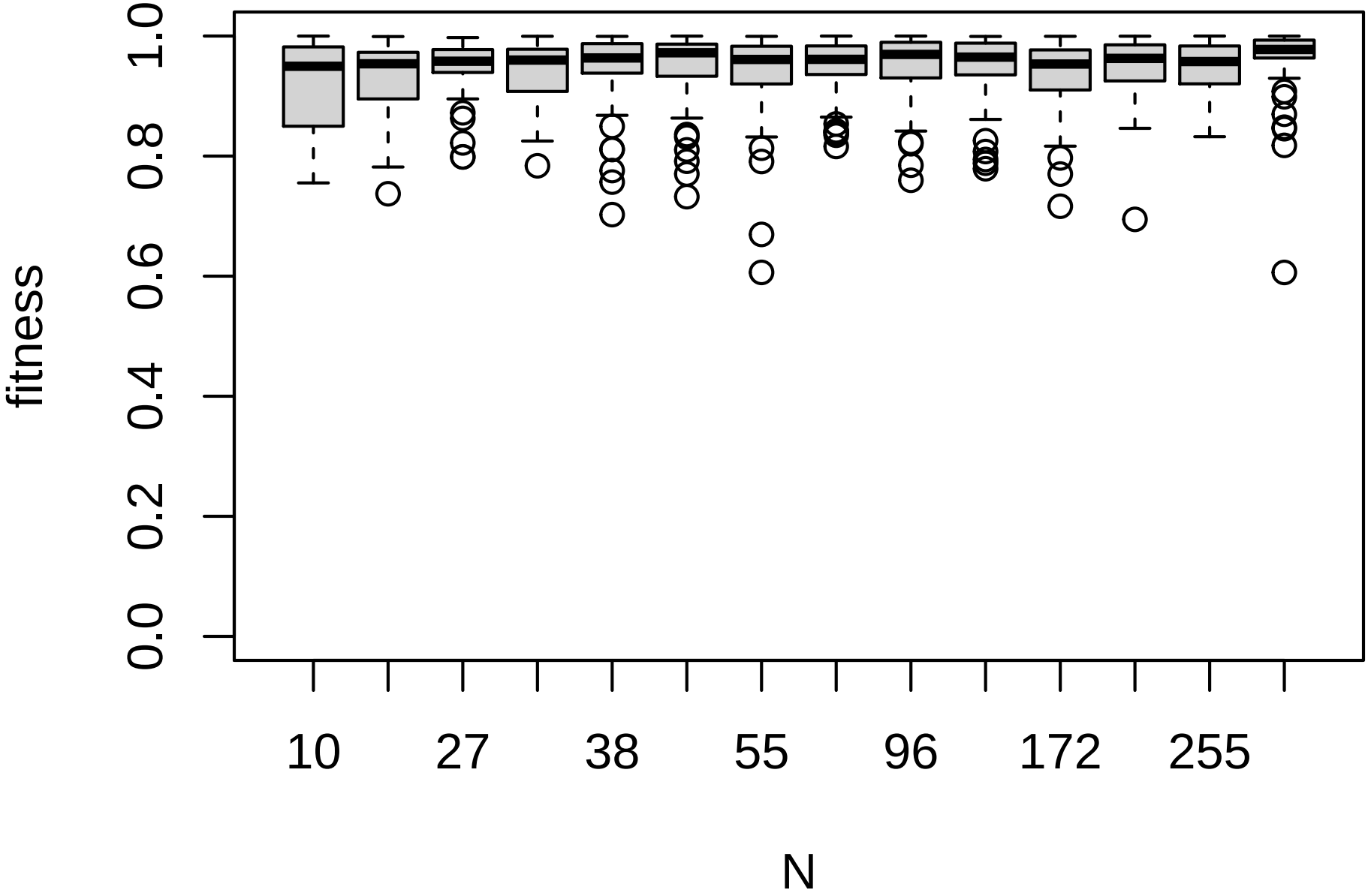

trait−no−pleiotropy−equal−S__SS−Clines_N−cline−cen
1231114
Amount of local adaptation
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
Generation

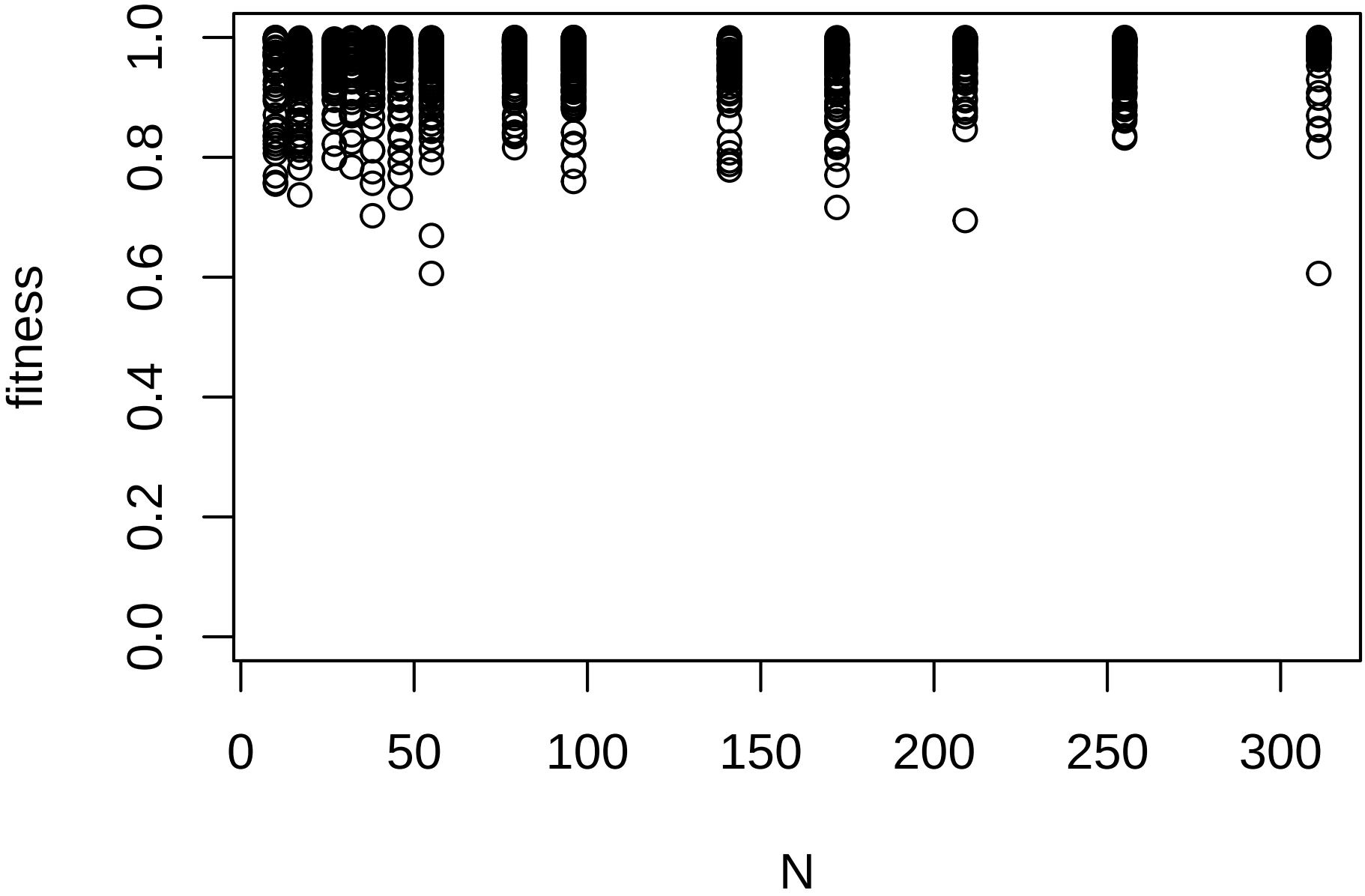

trait−no−pleiotropy−equal−S__SS−Clines_N−cline−cen
1231114
Mean metapopulation phenotype
1.0
0.5
0.0
−0.5
−1.0
0
500
1000
1500
2000
2500
3000
Generation

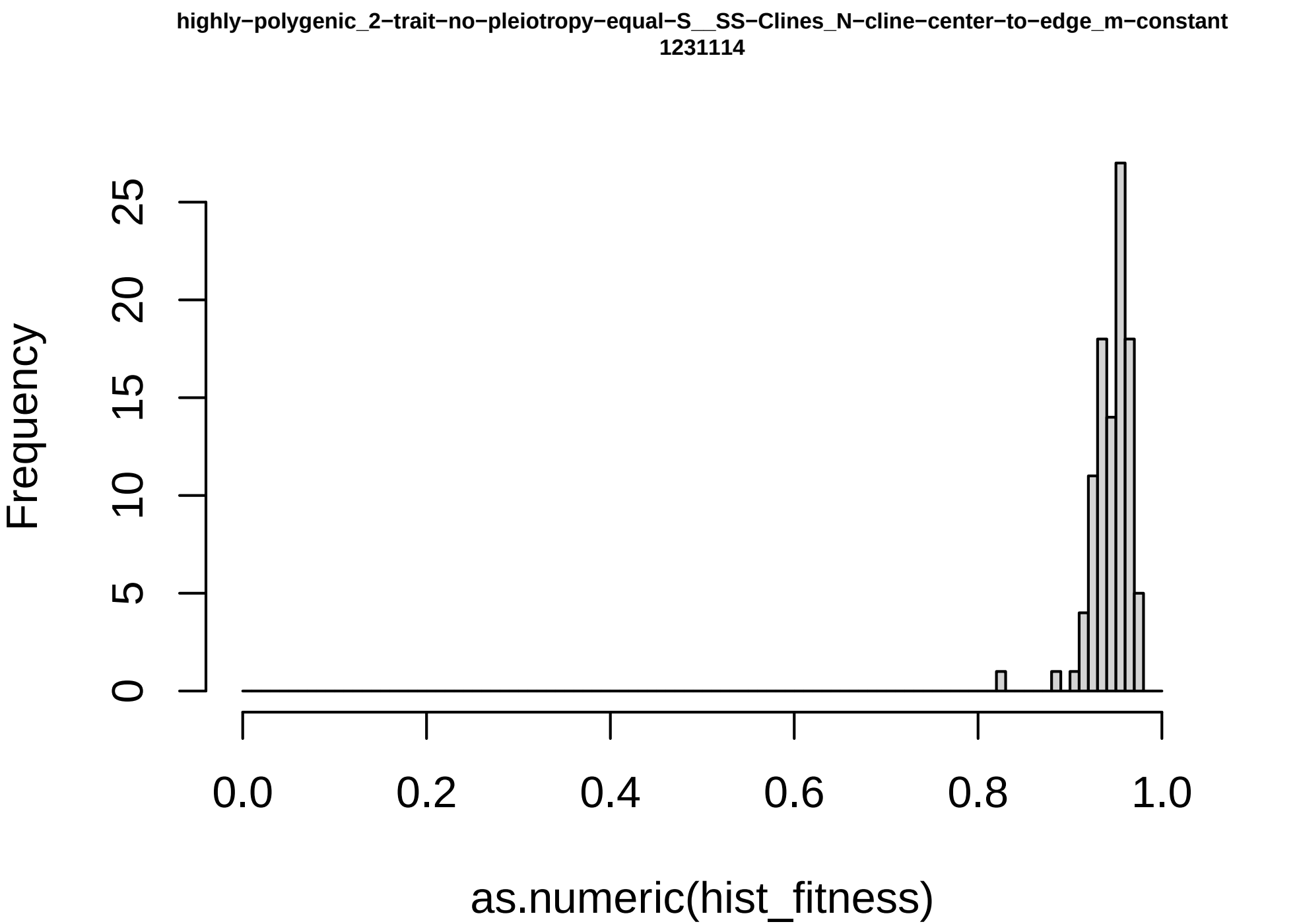

all
fitness
0.0
0.2
0.4
0.6
0.8
1.0
1
8
16
26
36
46
56
66
76
86
96
pop

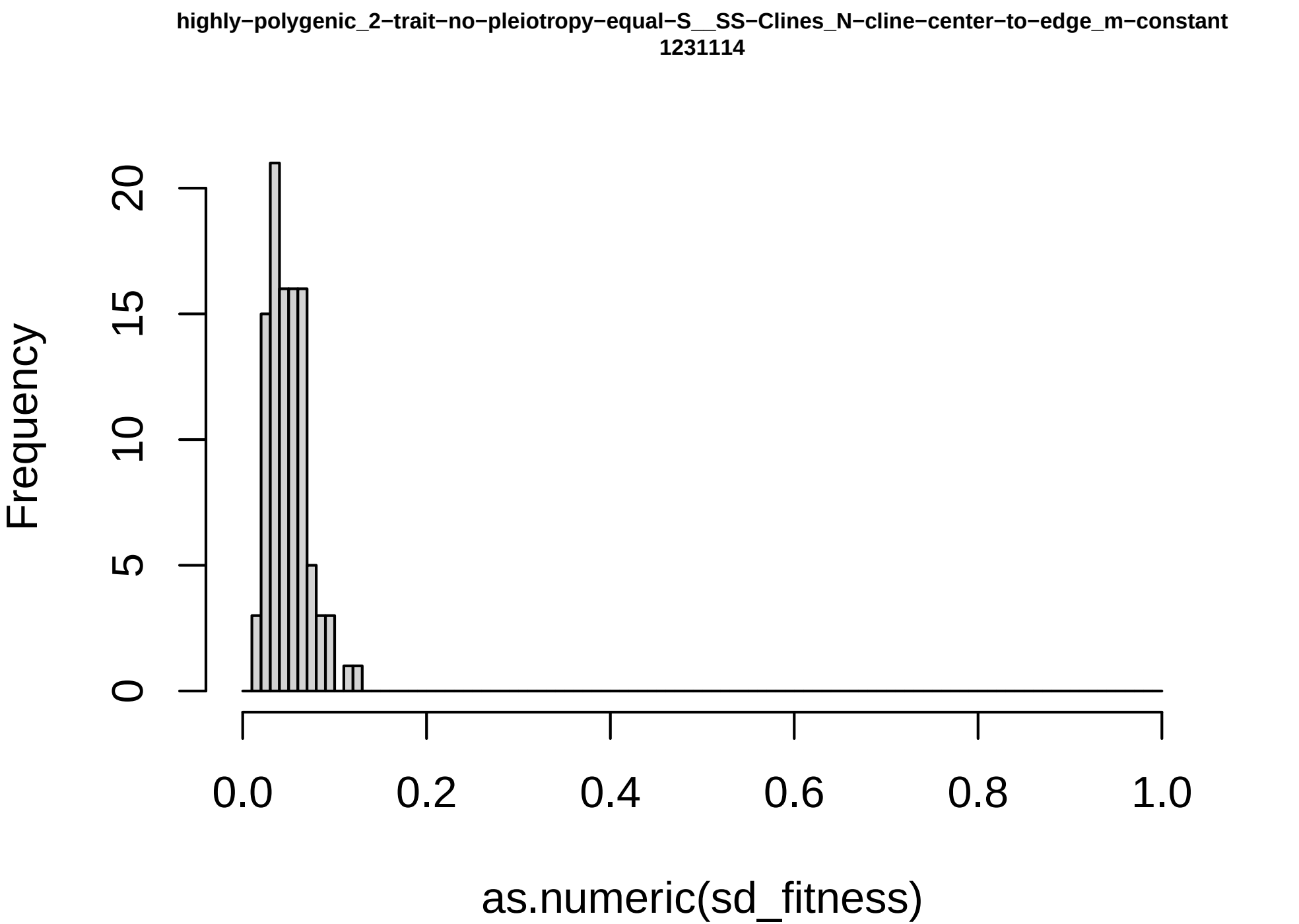

all
fitness
0.0
0.2
0.4
0.6
0.8
1.0
10
27
38
55
96
172
255
N


subset
fitness
0.0
0.2
0.4
0.6
0.8
1.0
1
8
16
26
36
46
56
66
76
86
96
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


highly−polygenic_2−trait−no−pleiotropy−equal−S__SS−Clines_N−cline−center−to−edge_m−constant
1231114
Frequency
0
5
10
15
20
25
0.0
0.2
0.4
0.6
0.8
1.0
as.numeric(hist_fitness)


highly−polygenic_2−trait−no−pleiotropy−equal−S__SS−Clines_N−cline−center−to−edge_m−constant
1231114
Frequency
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
as.numeric(sd_fitness)