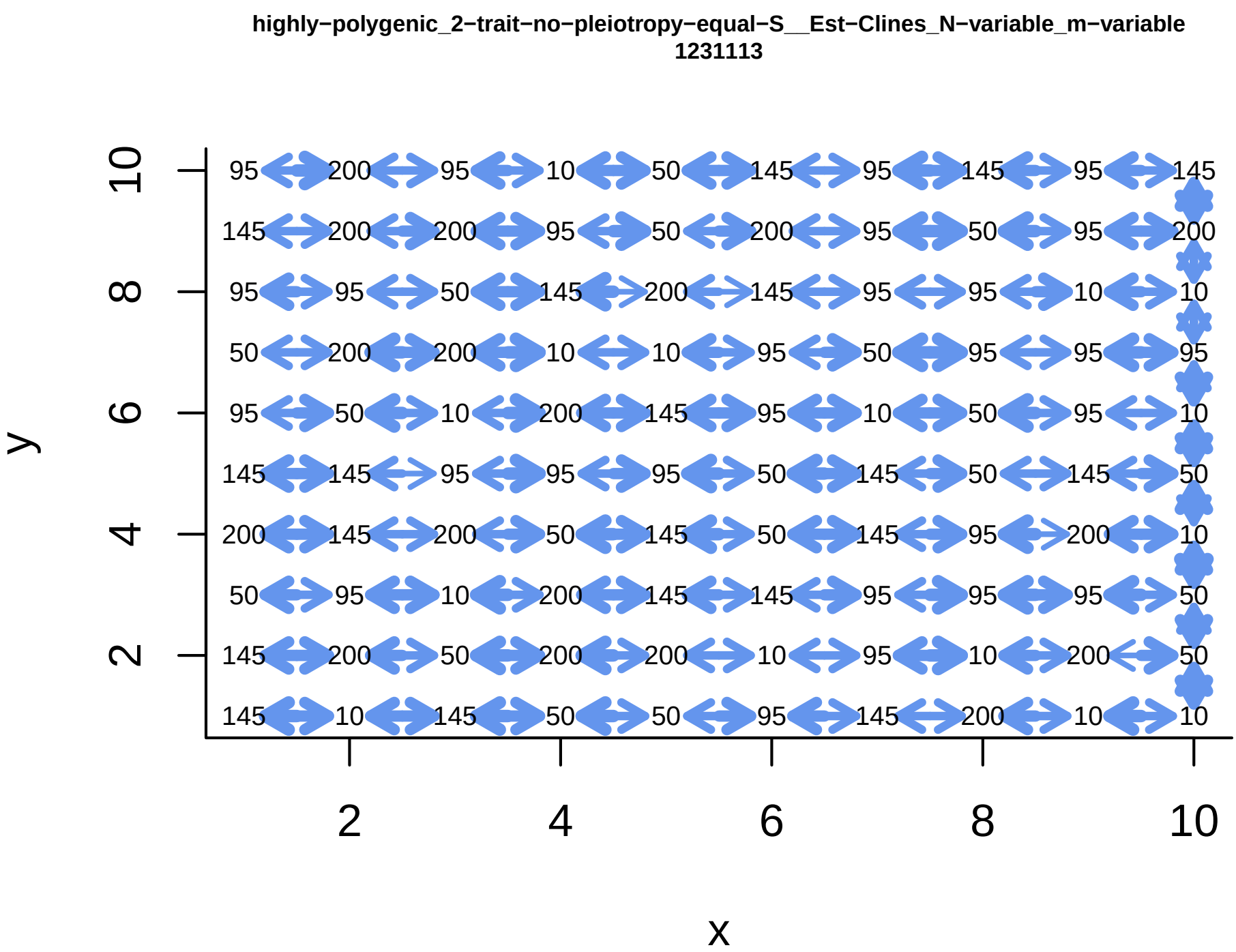
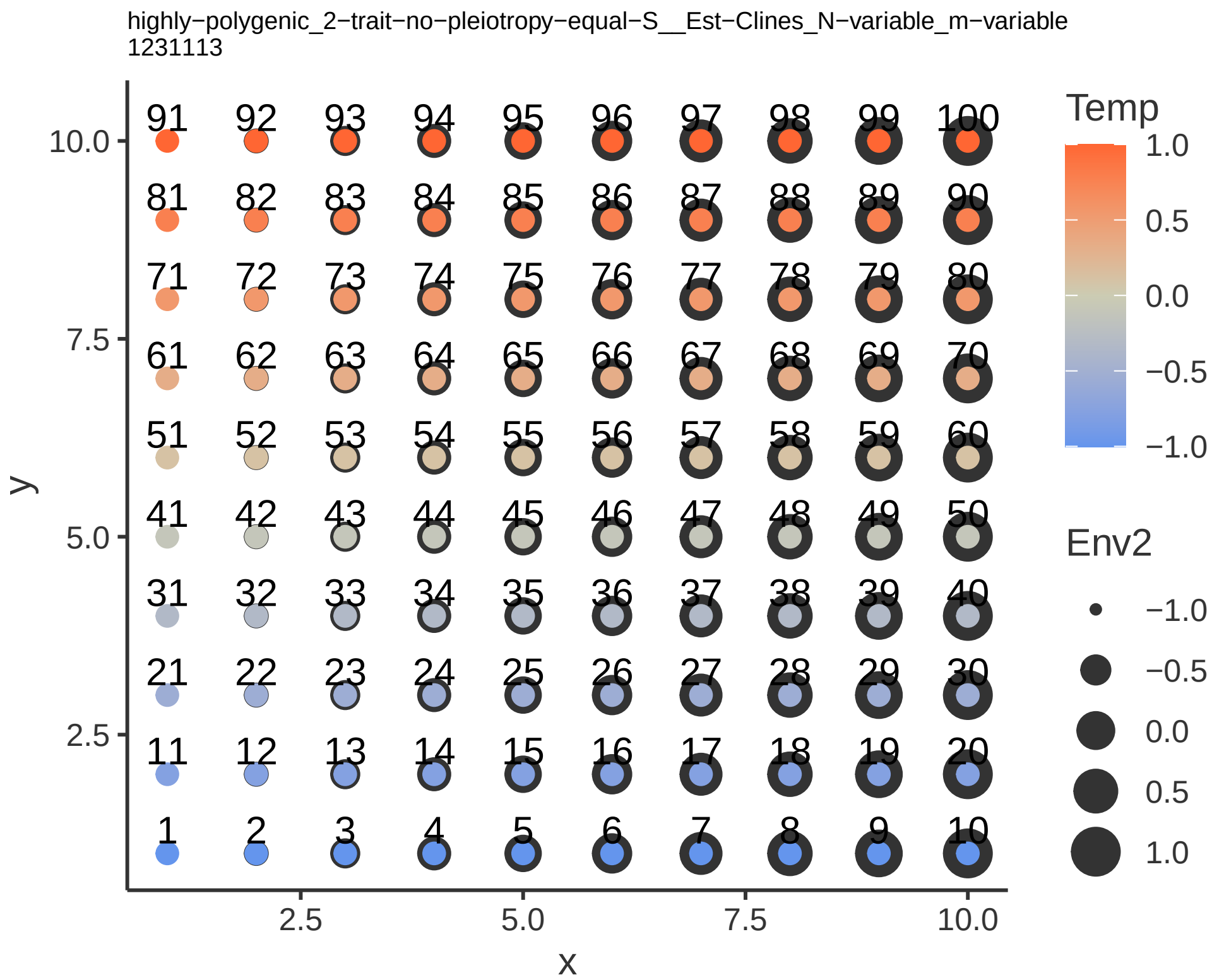
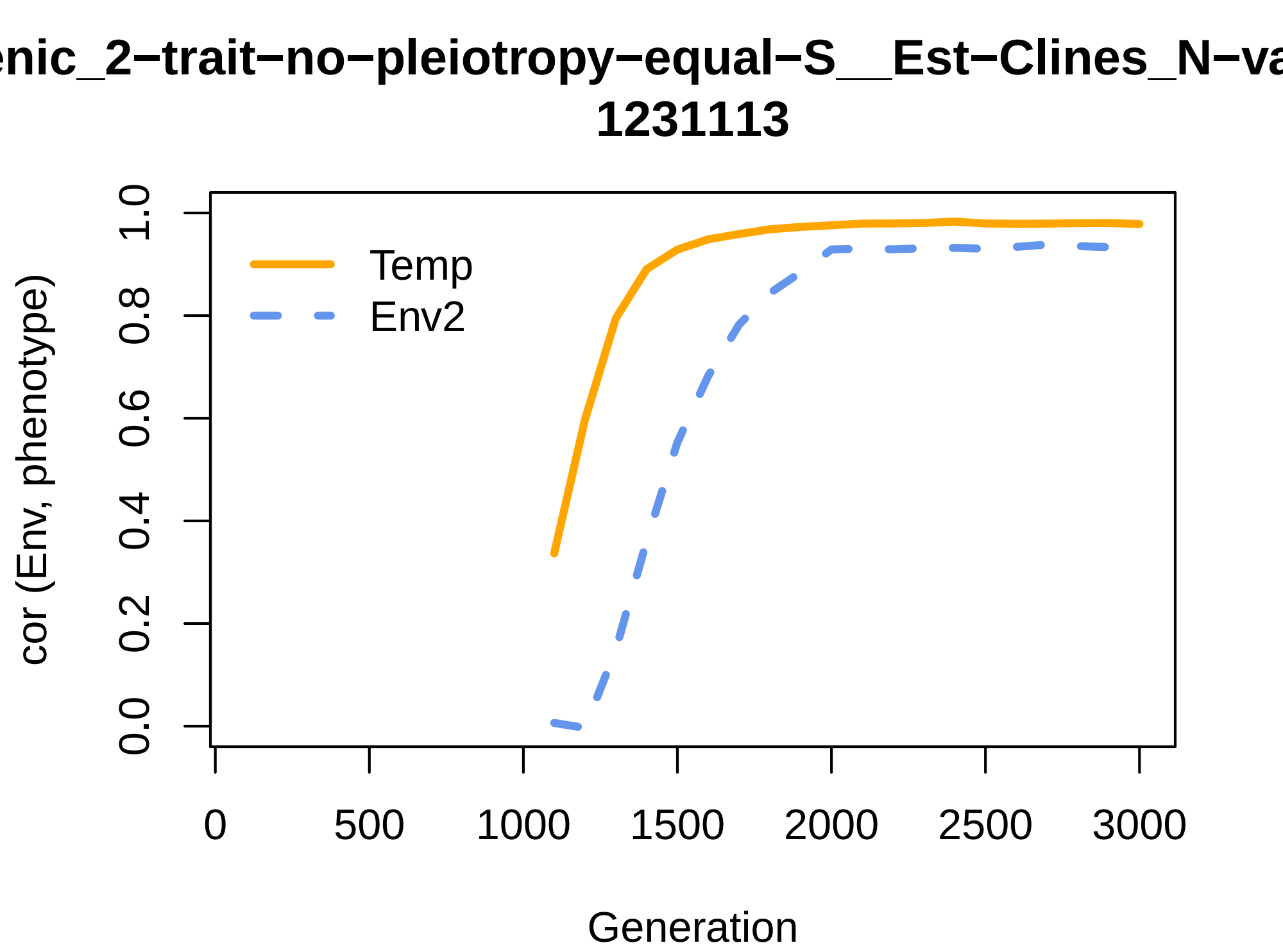
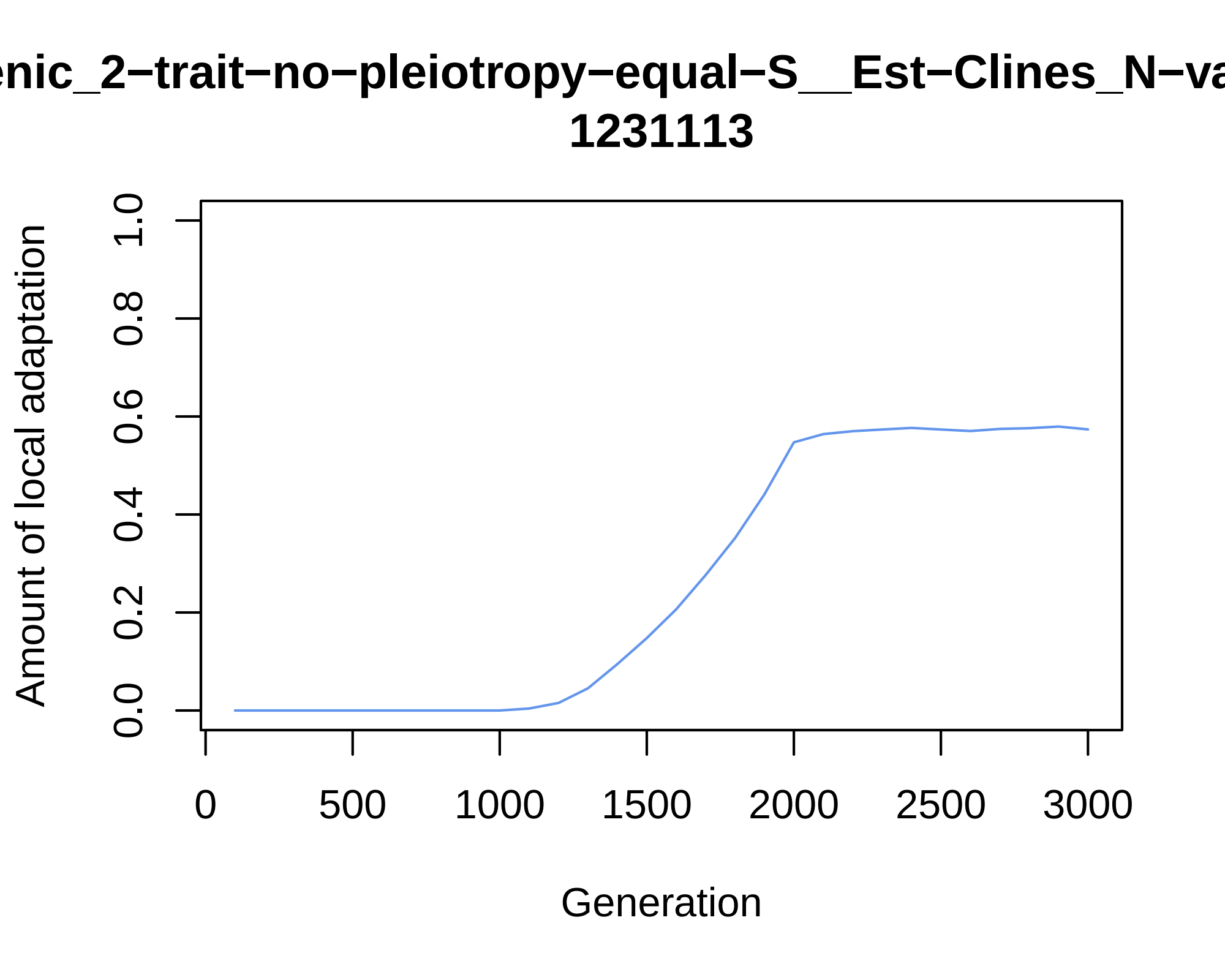
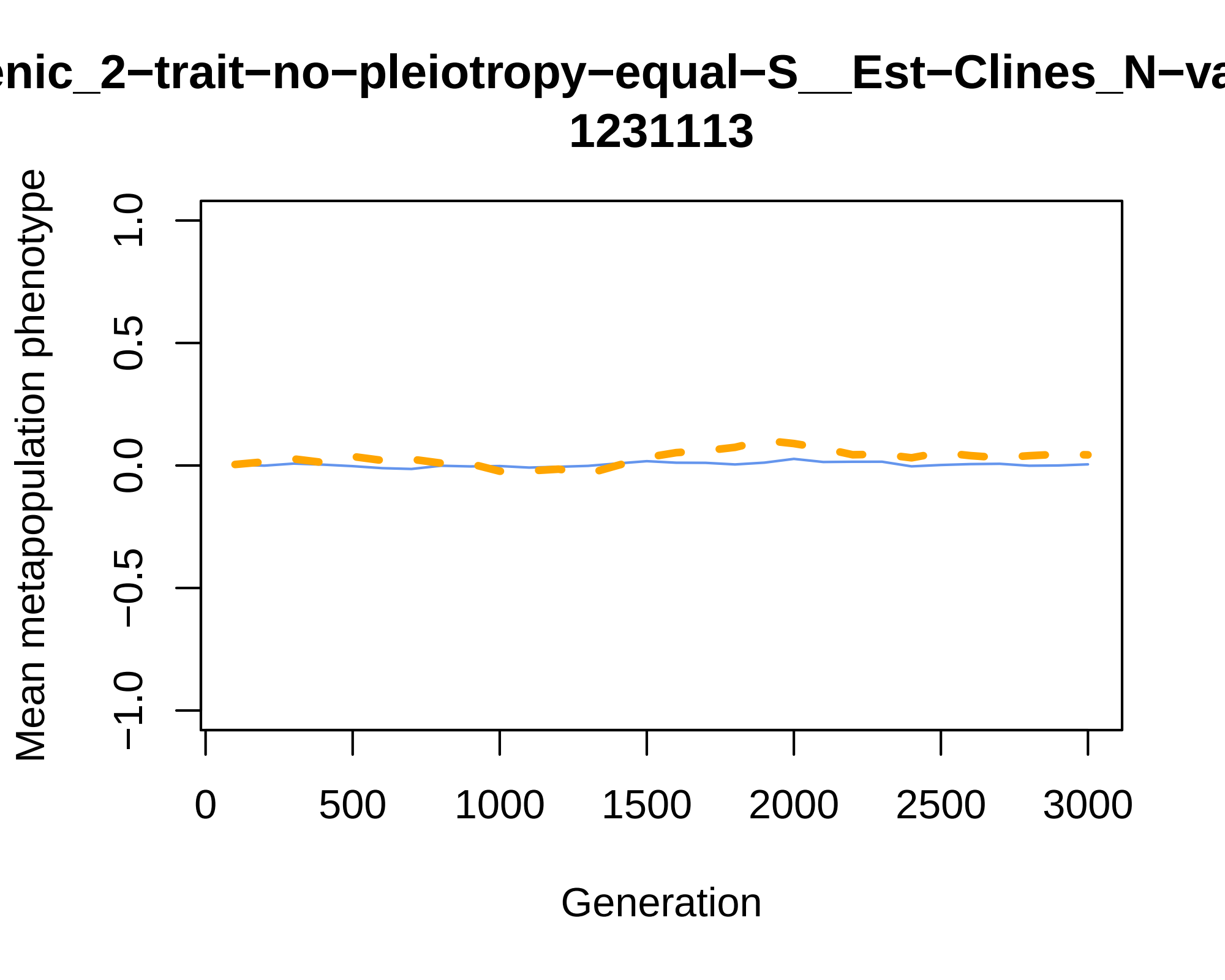
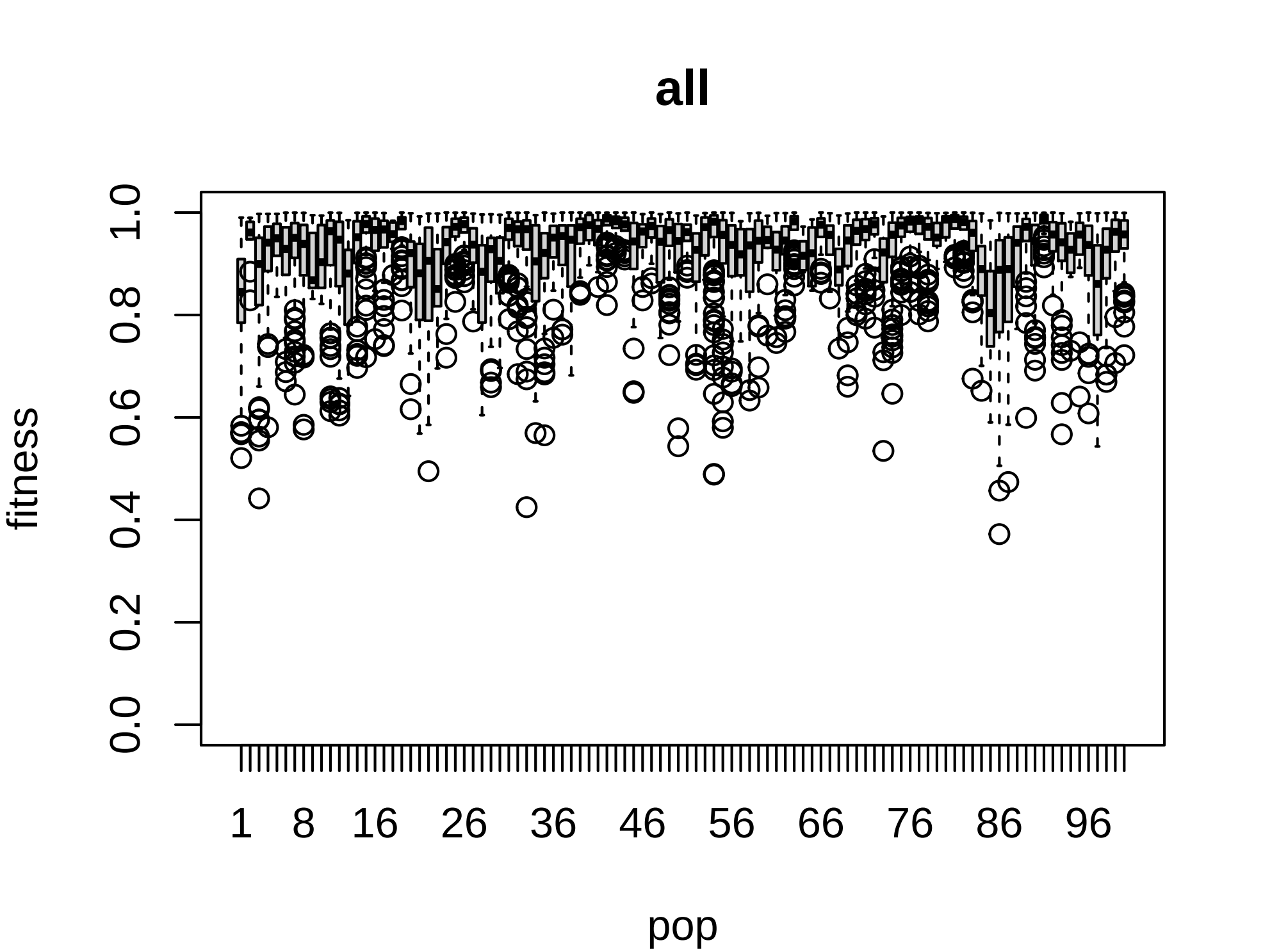

highly−polygenic_2−trait−no−pleiotropy−equal−S__Est−Clines_N−variable_m−variable
1231113
95 200 95 10 50 145 95 145 95 145
145 200 200 95 50 200 95 50 95 200
95 95 50 145 200 145 95 95 10 10
50 200 200 10 10 95 50 95 95 95
95 50 10 200 145 95 10 50 95 10
145 145 95 95 95 50 145 50 145 50
200 145 200 50 145 50 145 95 200 10
50 95 10 200 145 145 95 95 95 50
145 200 50 200 200 10 95 10 200 50
145 10 145 50 50 95 145 200 10 10
y
2
4
6
8
10
x
2
4
6
8
10

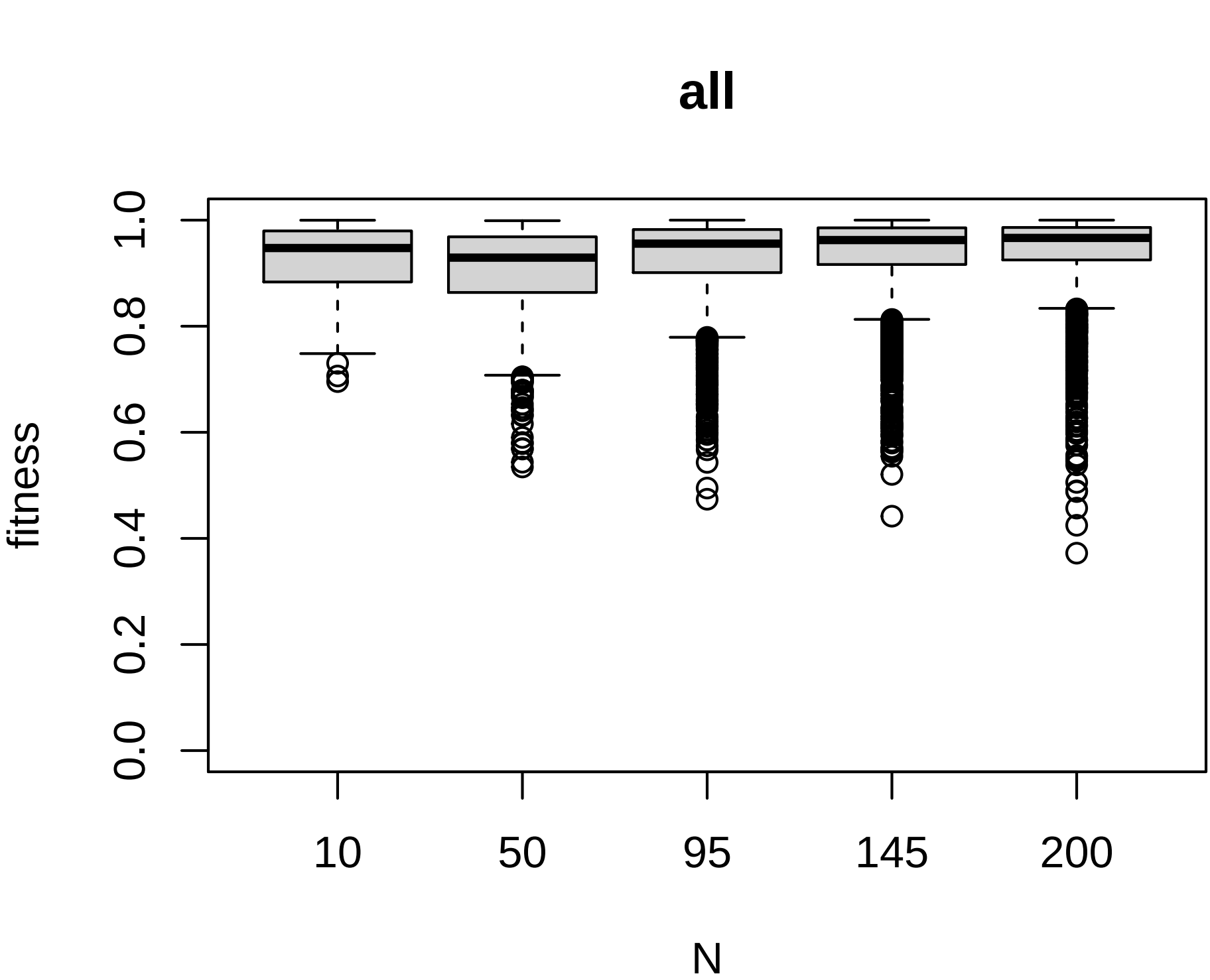

highly−polygenic_2−trait−no−pleiotropy−equal−S__Est−Clines_N−variable_m−variable
1231113
91 92 93 94 95 96 97 98 99 100
81 82 83 84 85 86 87 88 89 90
71 72 73 74 75 76 77 78 79 80
61 62 63 64 65 66 67 68 69 70
51 52 53 54 55 56 57 58 59 60
41 42 43 44 45 46 47 48 49 50
31 32 33 34 35 36 37 38 39 40
21 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

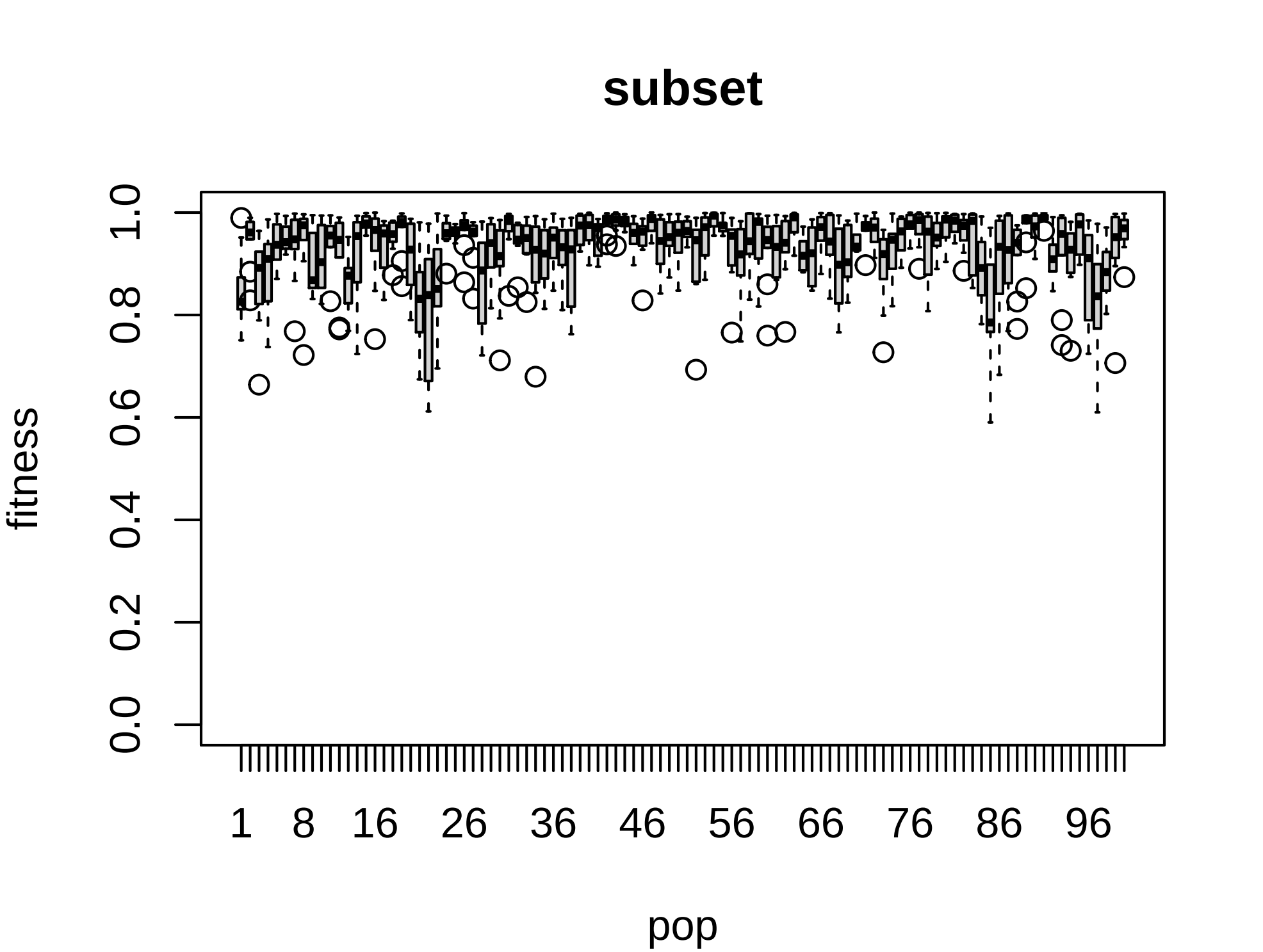

enic_2−trait−no−pleiotropy−equal−S__Est−Clines_N−va
1231113
cor (Env, phenotype)
0.0
0.2
0.4
0.6
0.8
1.0
Temp
Env2
0
500
1000
1500
2000
2500
3000
Generation

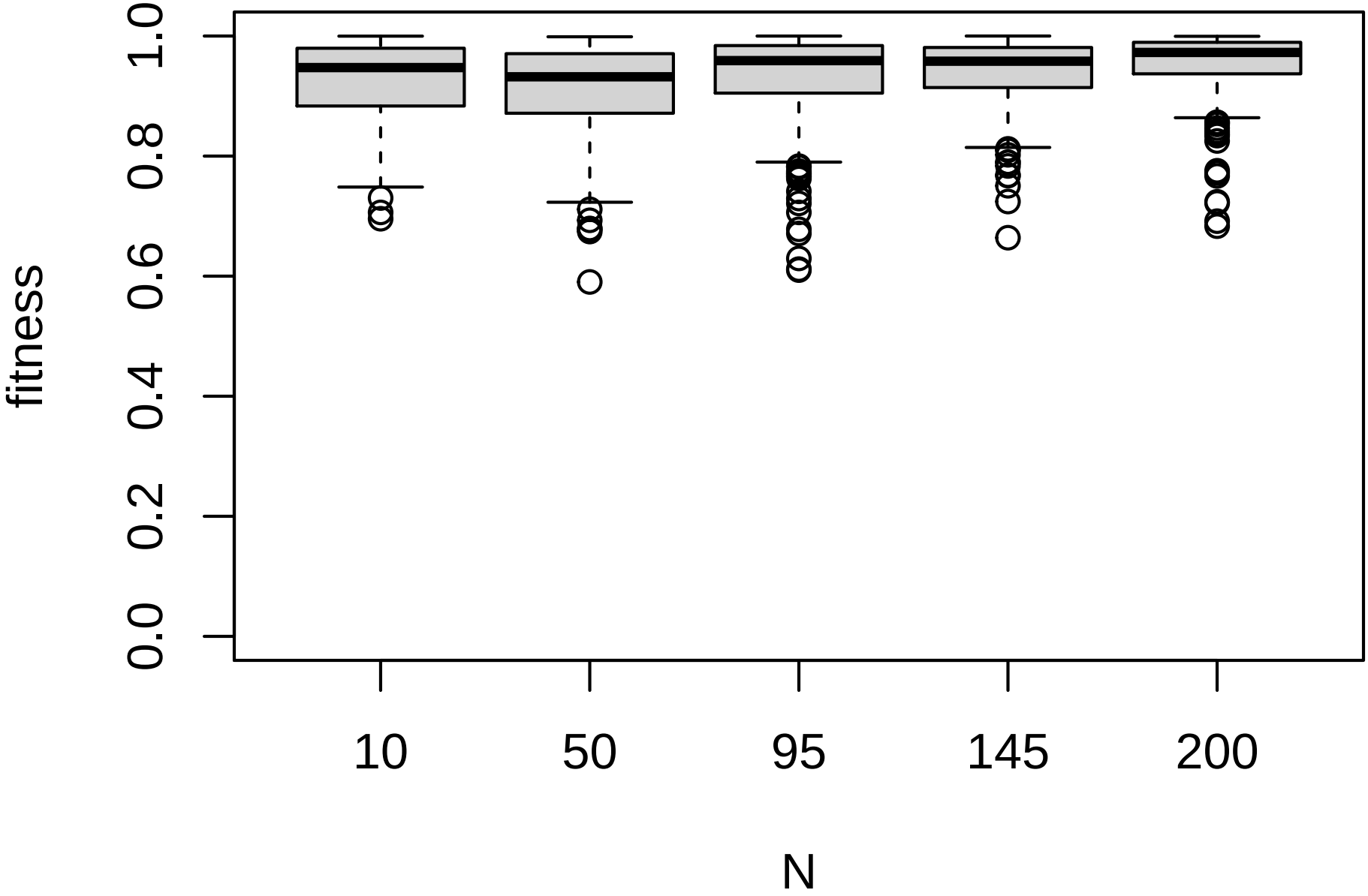

enic_2−trait−no−pleiotropy−equal−S__Est−Clines_N−va
1231113
Amount of local adaptation
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
Generation

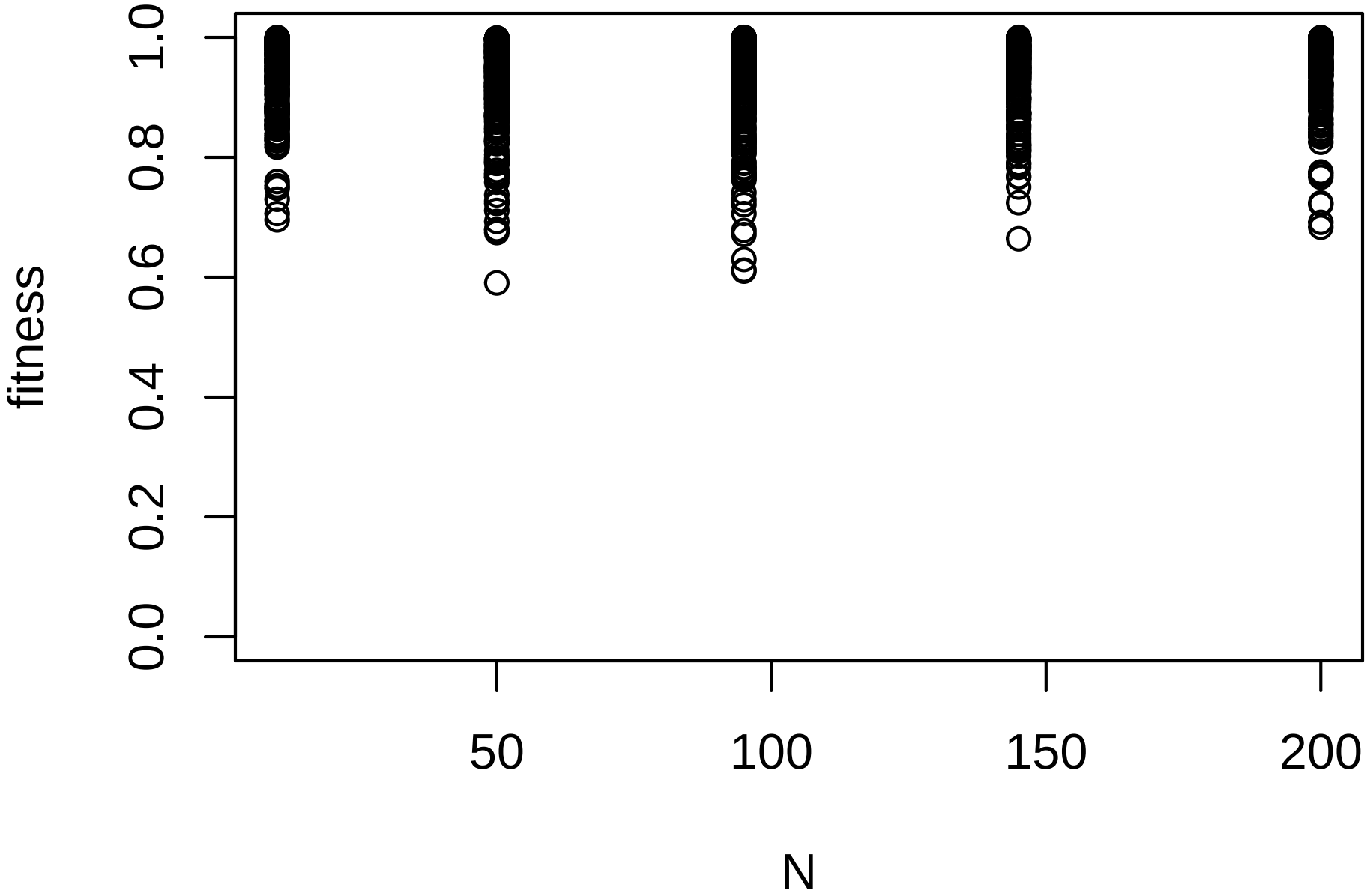

enic_2−trait−no−pleiotropy−equal−S__Est−Clines_N−va
1231113
Mean metapopulation phenotype
−1.0
−0.5
0.0
0.5
1.0
0
500
1000
1500
2000
2500
3000
Generation

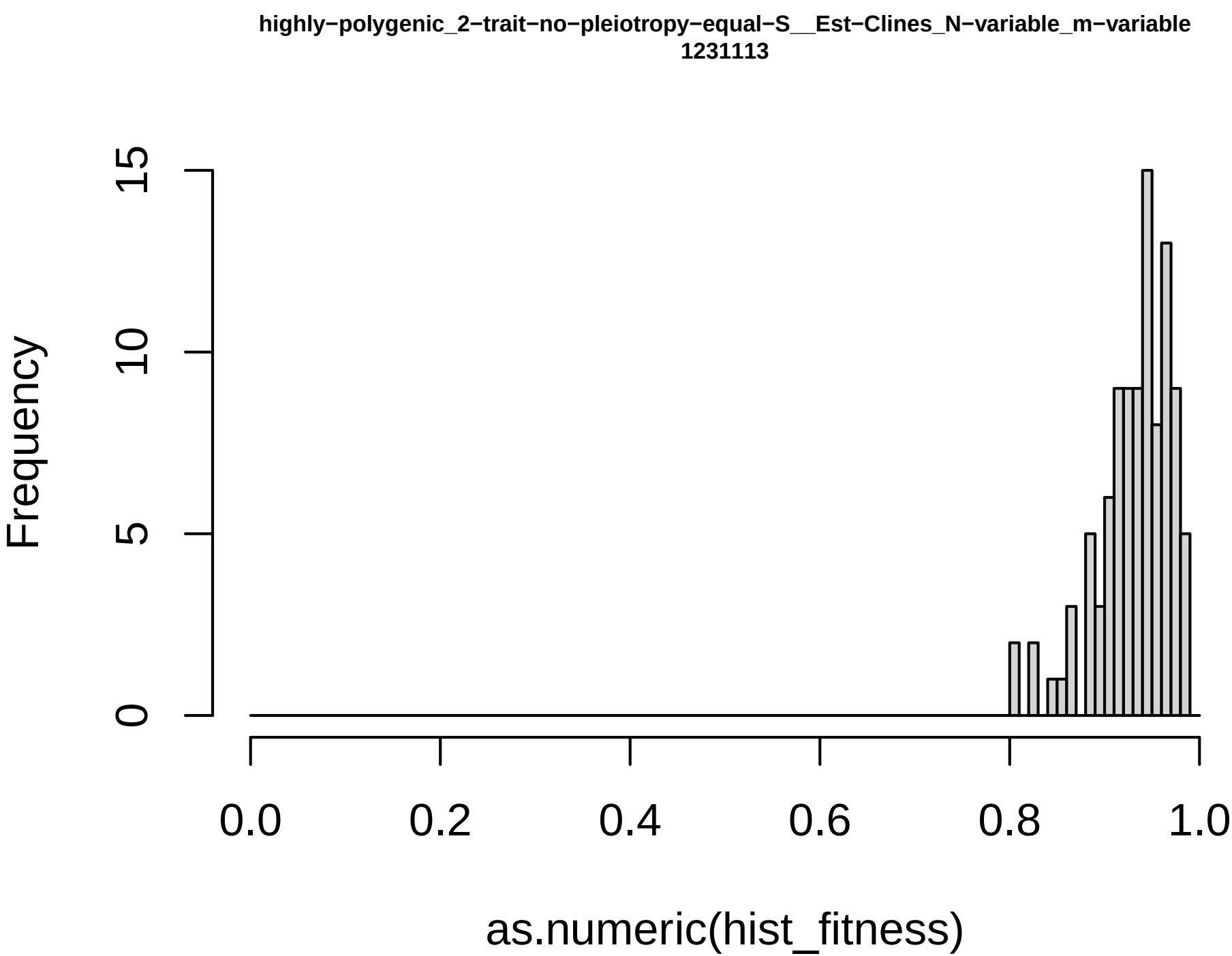

all
fitness
0.0
0.2
0.4
0.6
0.8
1.0
1
8
16
26
36
46
56
66
76
86
96
pop

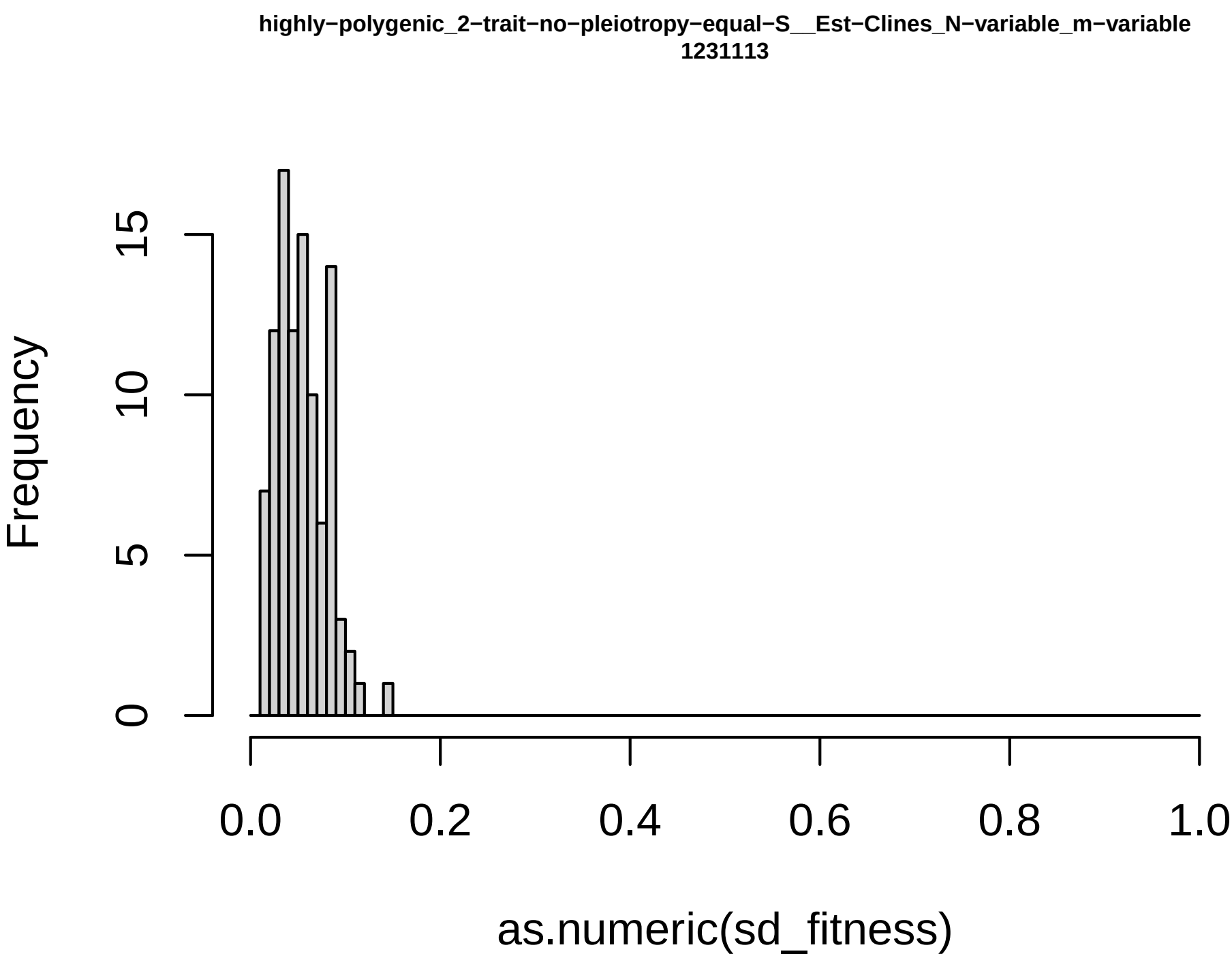

all
fitness
0.0
0.2
0.4
0.6
0.8
1.0
10
50
95
145
200
N


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
50
95
145
200
N


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


highly−polygenic_2−trait−no−pleiotropy−equal−S__Est−Clines_N−variable_m−variable
1231113
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
as.numeric(hist_fitness)


highly−polygenic_2−trait−no−pleiotropy−equal−S__Est−Clines_N−variable_m−variable
1231113
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
as.numeric(sd_fitness)