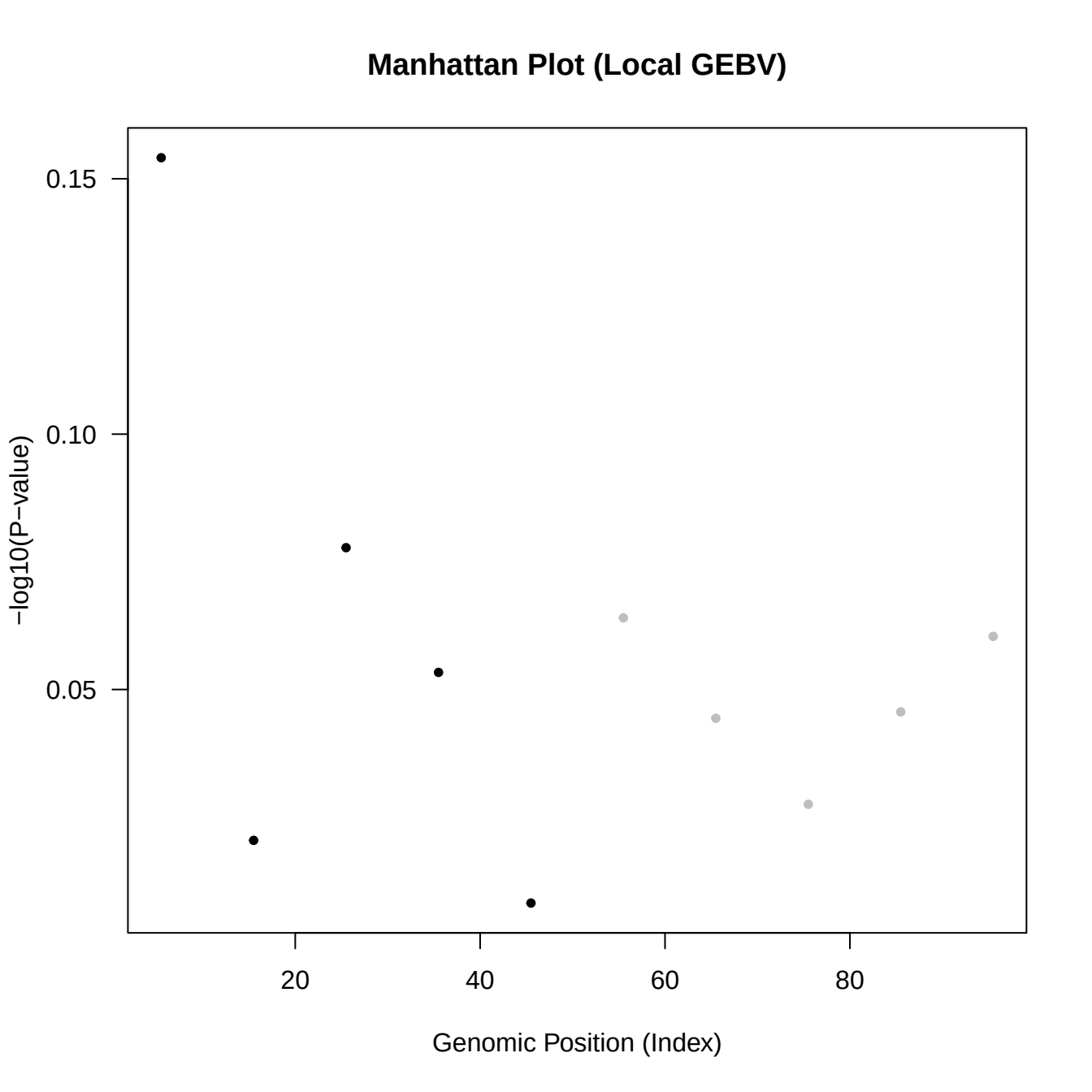
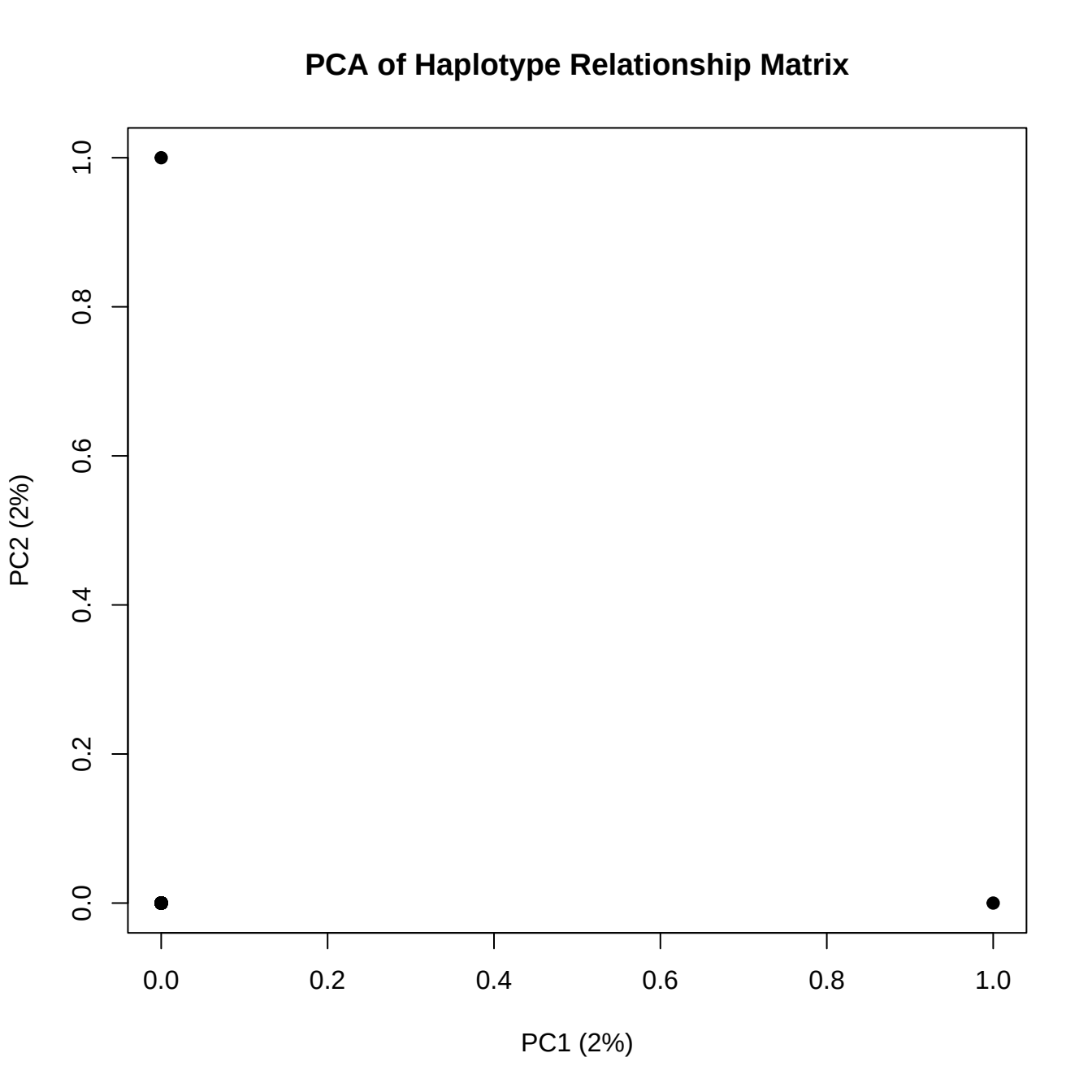
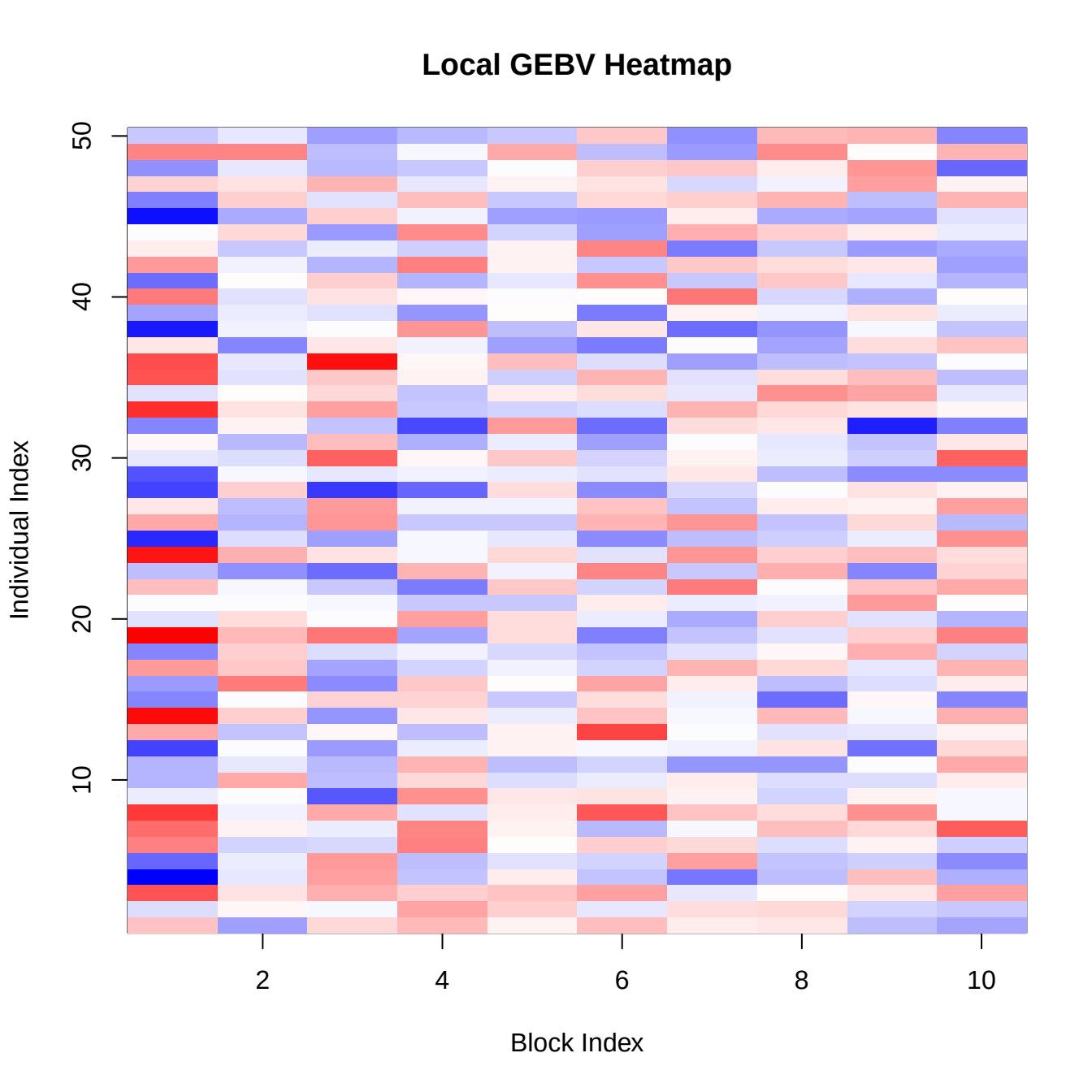
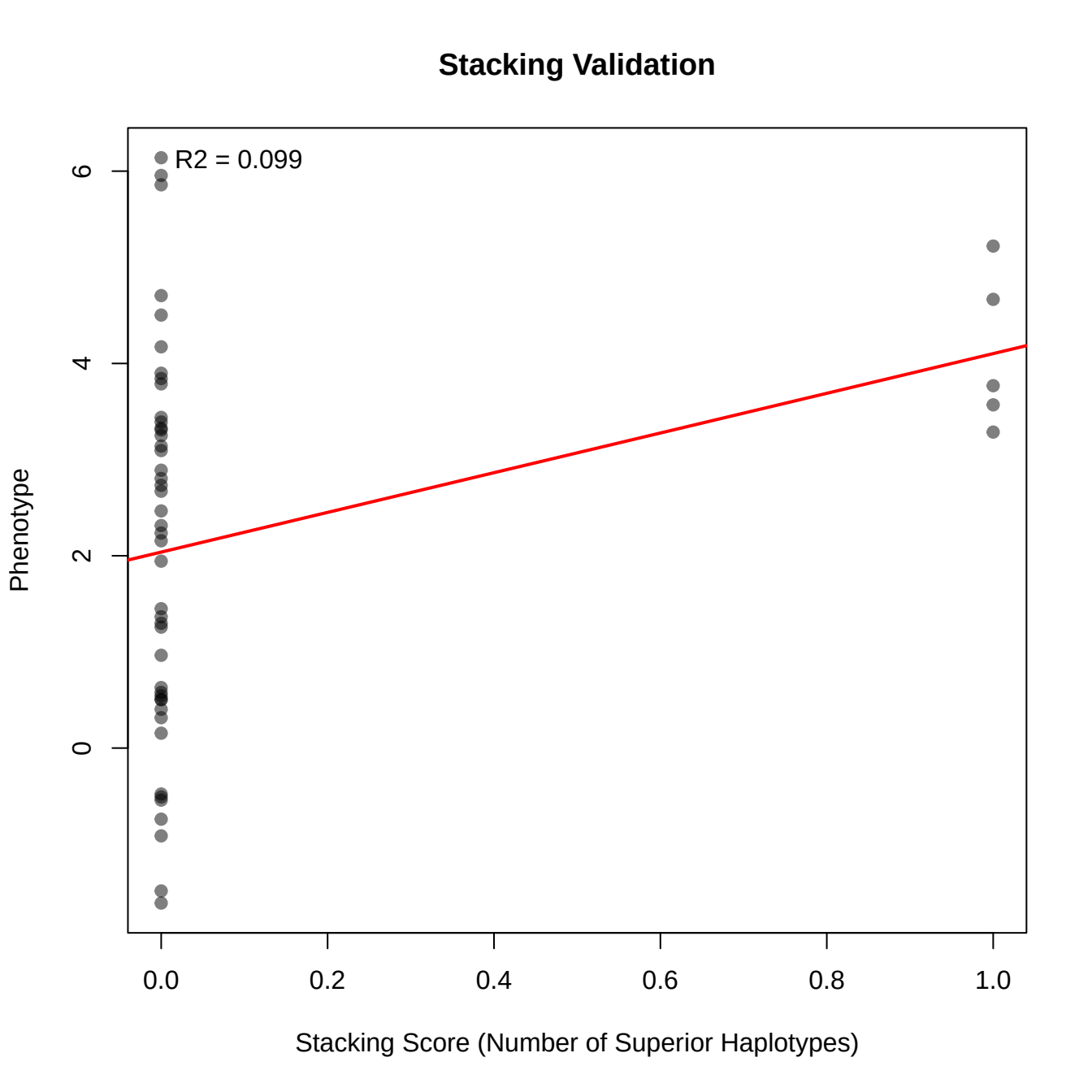
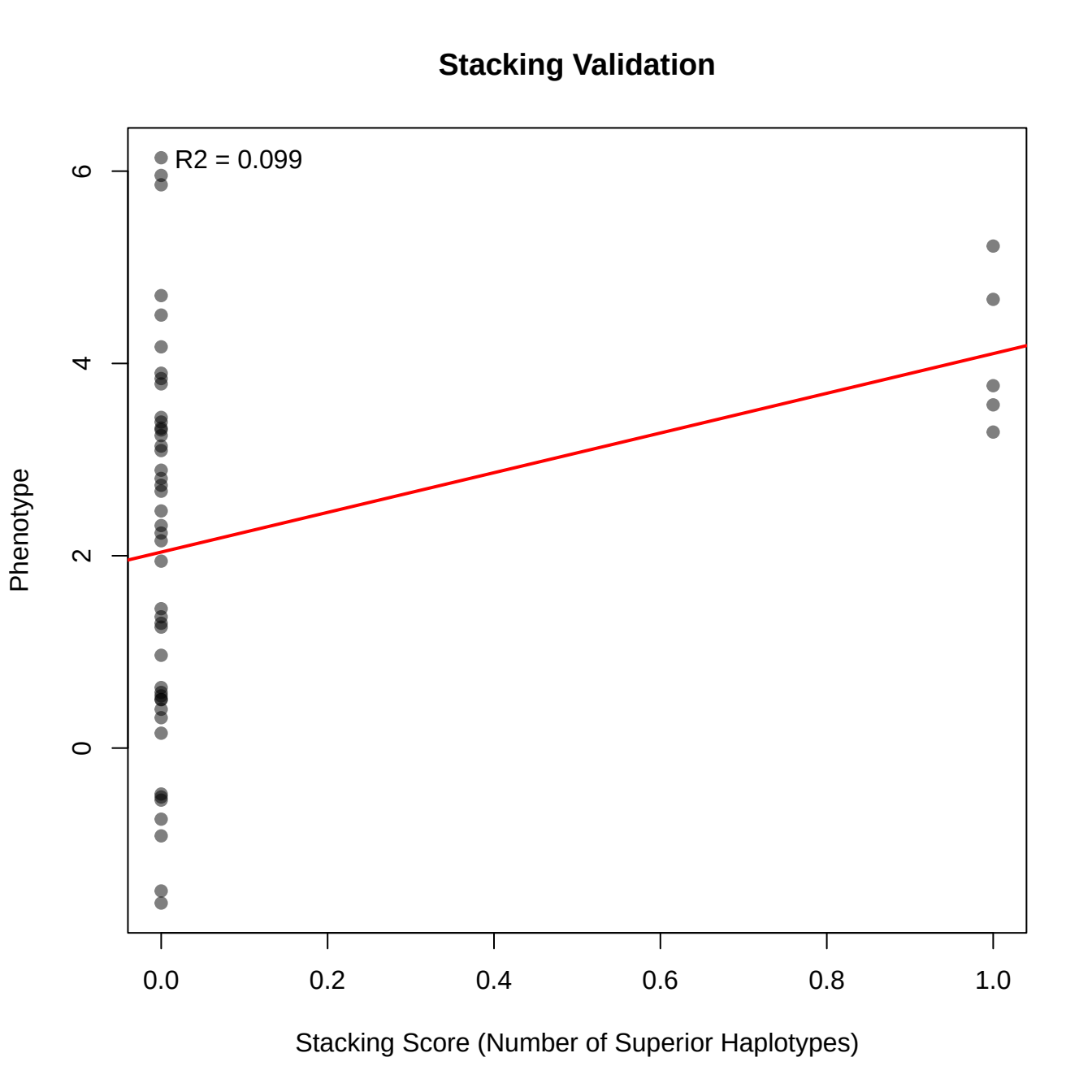
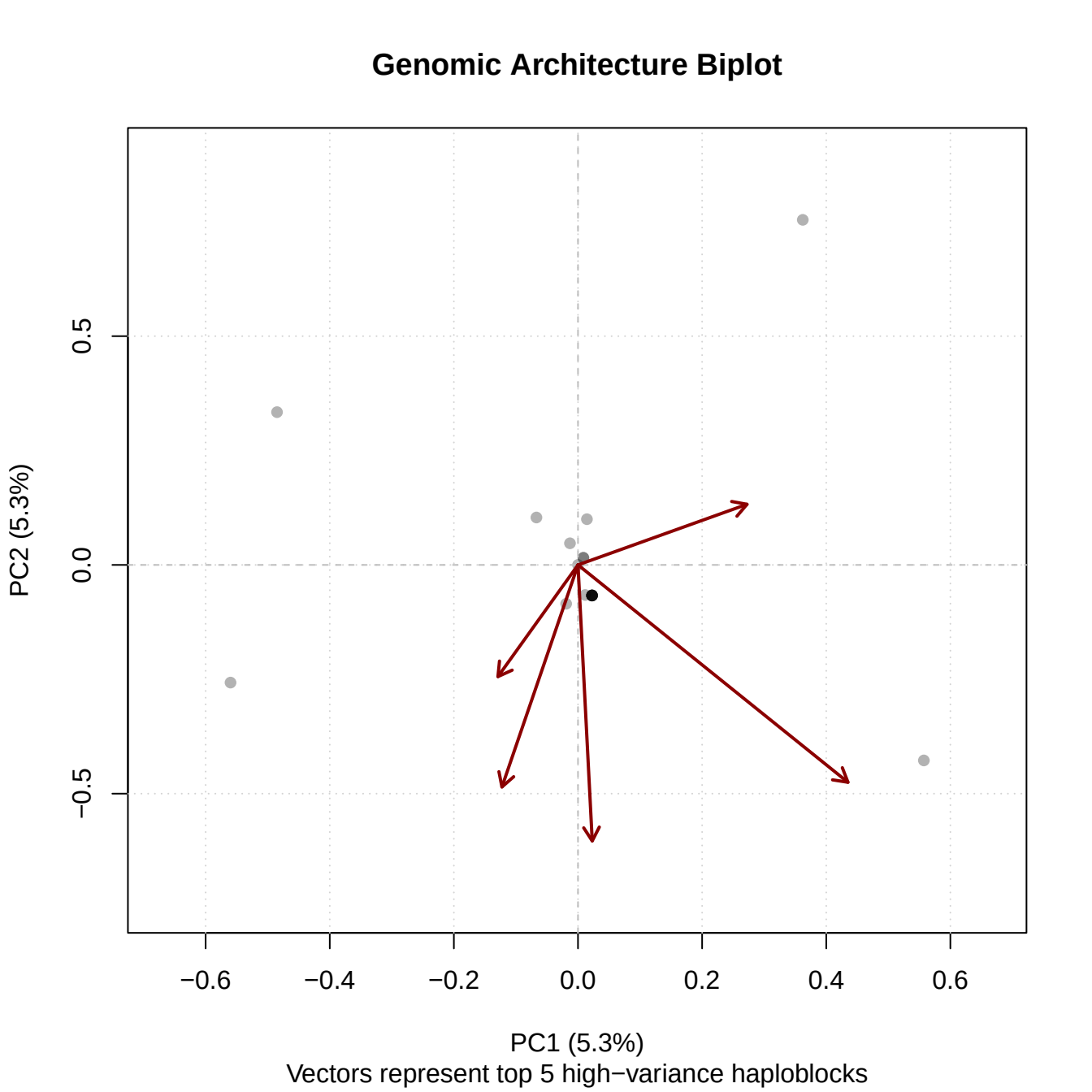

Manhattan Plot (Local GEBV)
0.15
0.10
0.05
−log10(P−value)
20
40
60
80
Genomic Position (Index)

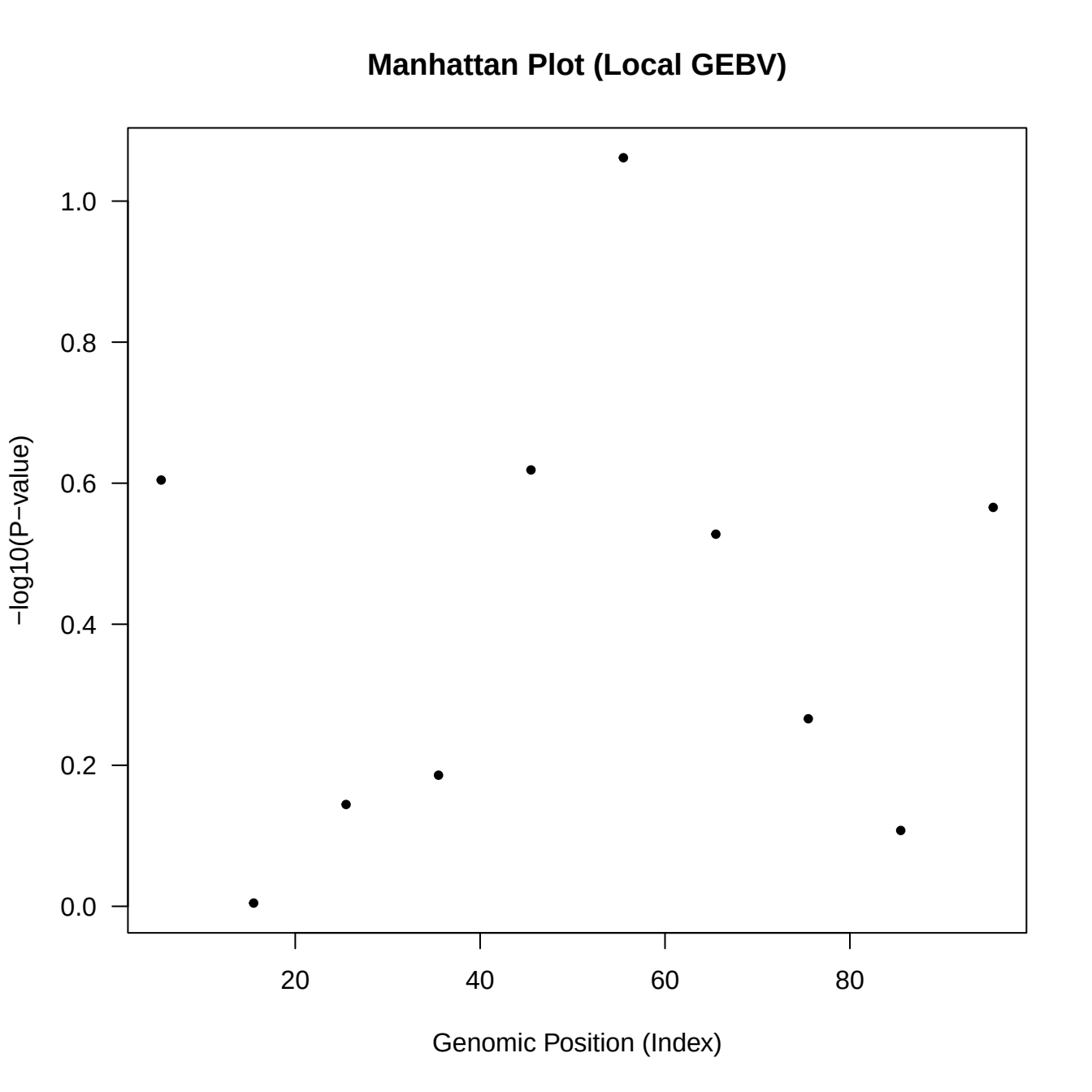

PCA of Haplotype Relationship Matrix
PC2 (2%)
PC1 (2%)
0.0
0.2
0.4
0.6
0.8
1.0

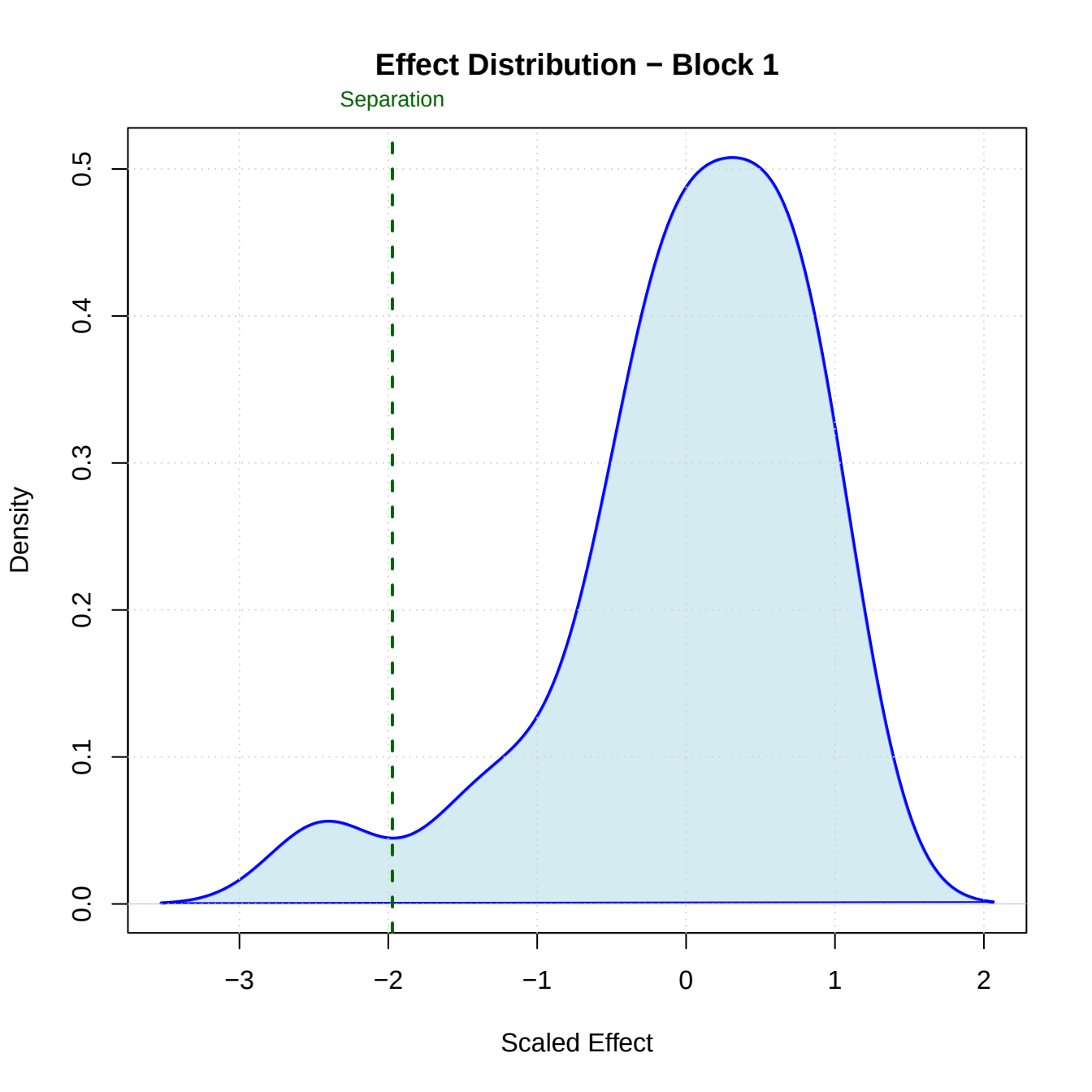

Local GEBV Heatmap
Individual Index
10
20
30
40
50
Block Index
2
4
6
8
10

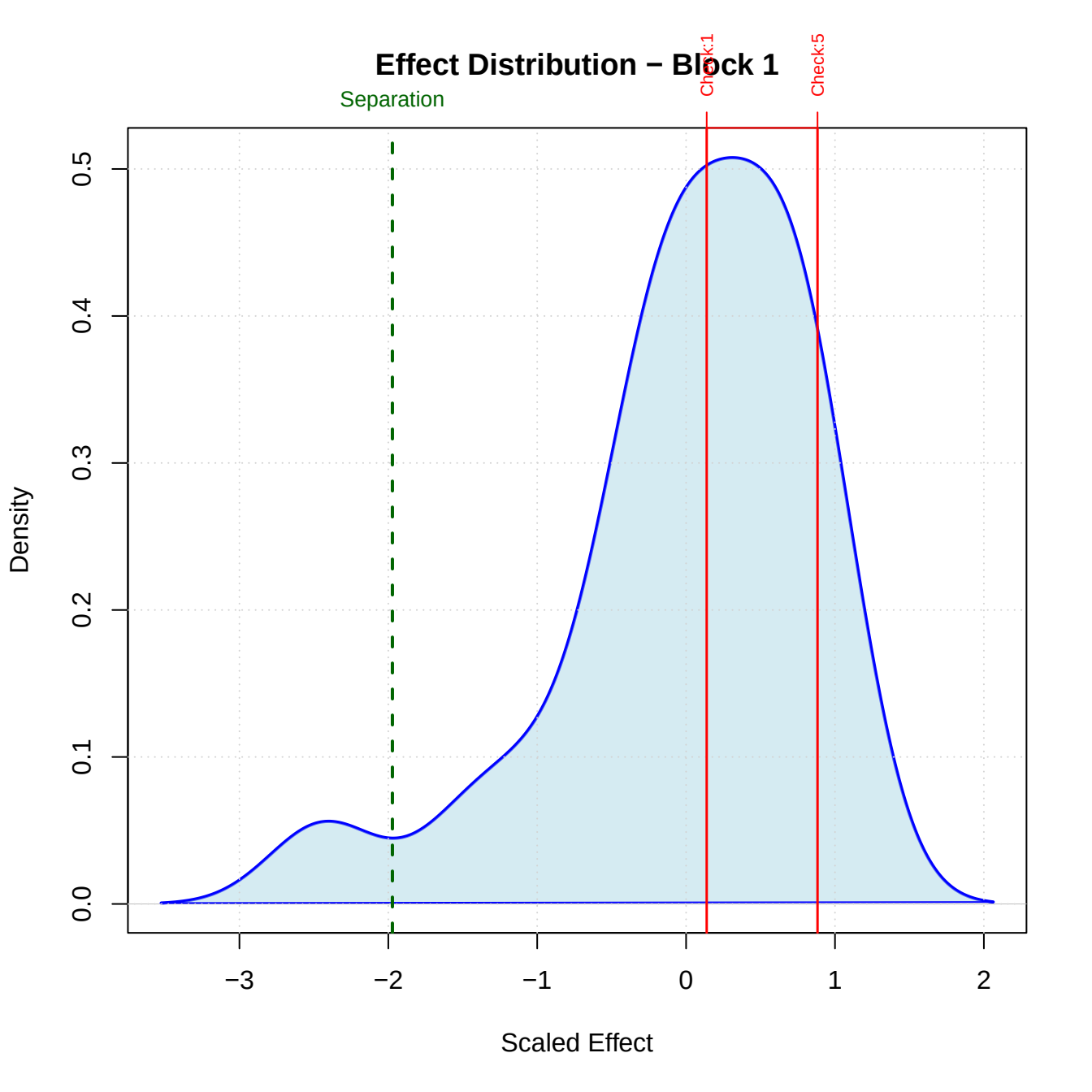

Stacking Validation
R2 = 0.099
Phenotype
0
2
4
6
0.0
0.2
0.4
0.6
0.8
1.0
Stacking Score (Number of Superior Haplotypes)

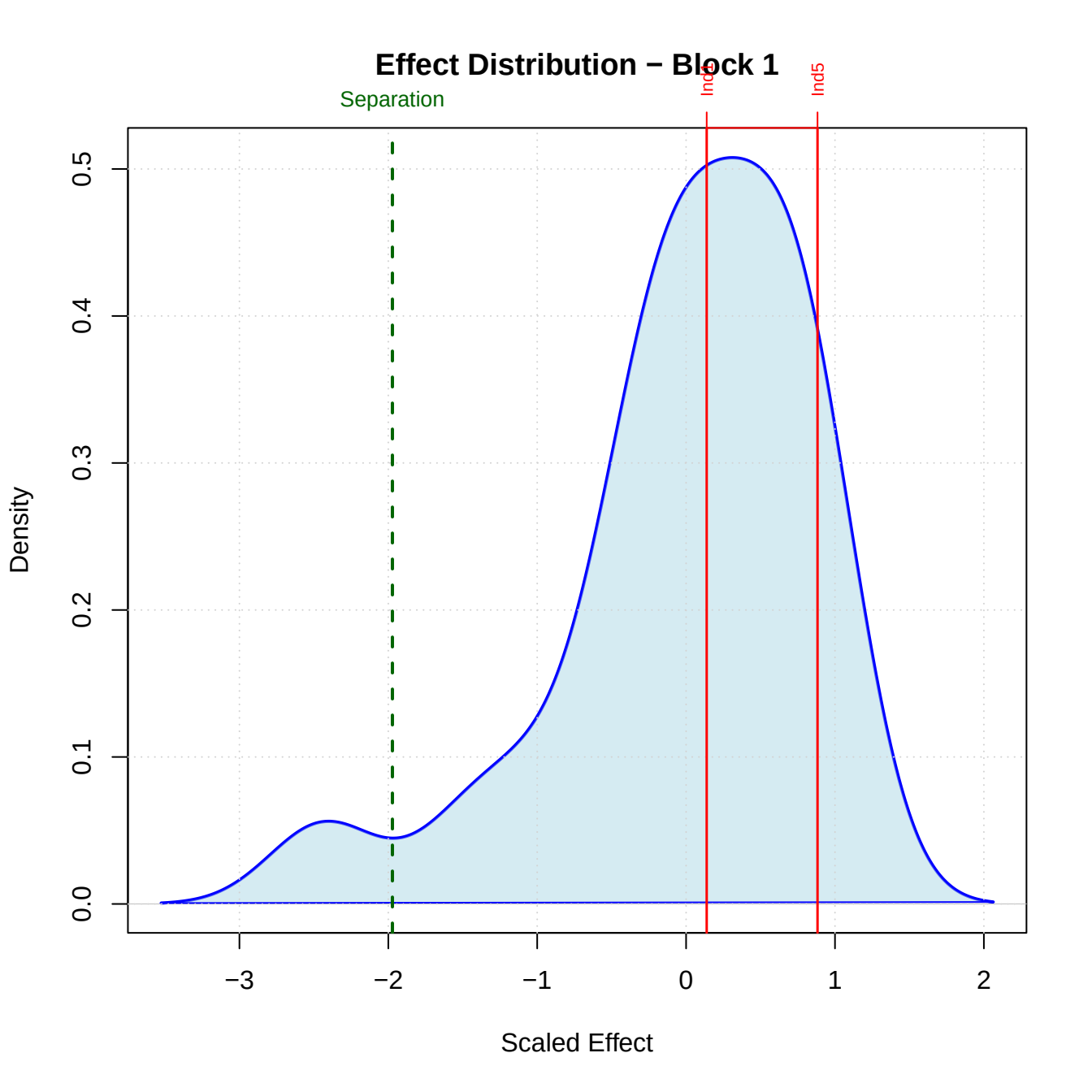

Stacking Validation
R2 = 0.099
Phenotype
0
2
4
6
0.0
0.2
0.4
0.6
0.8
1.0
Stacking Score (Number of Superior Haplotypes)

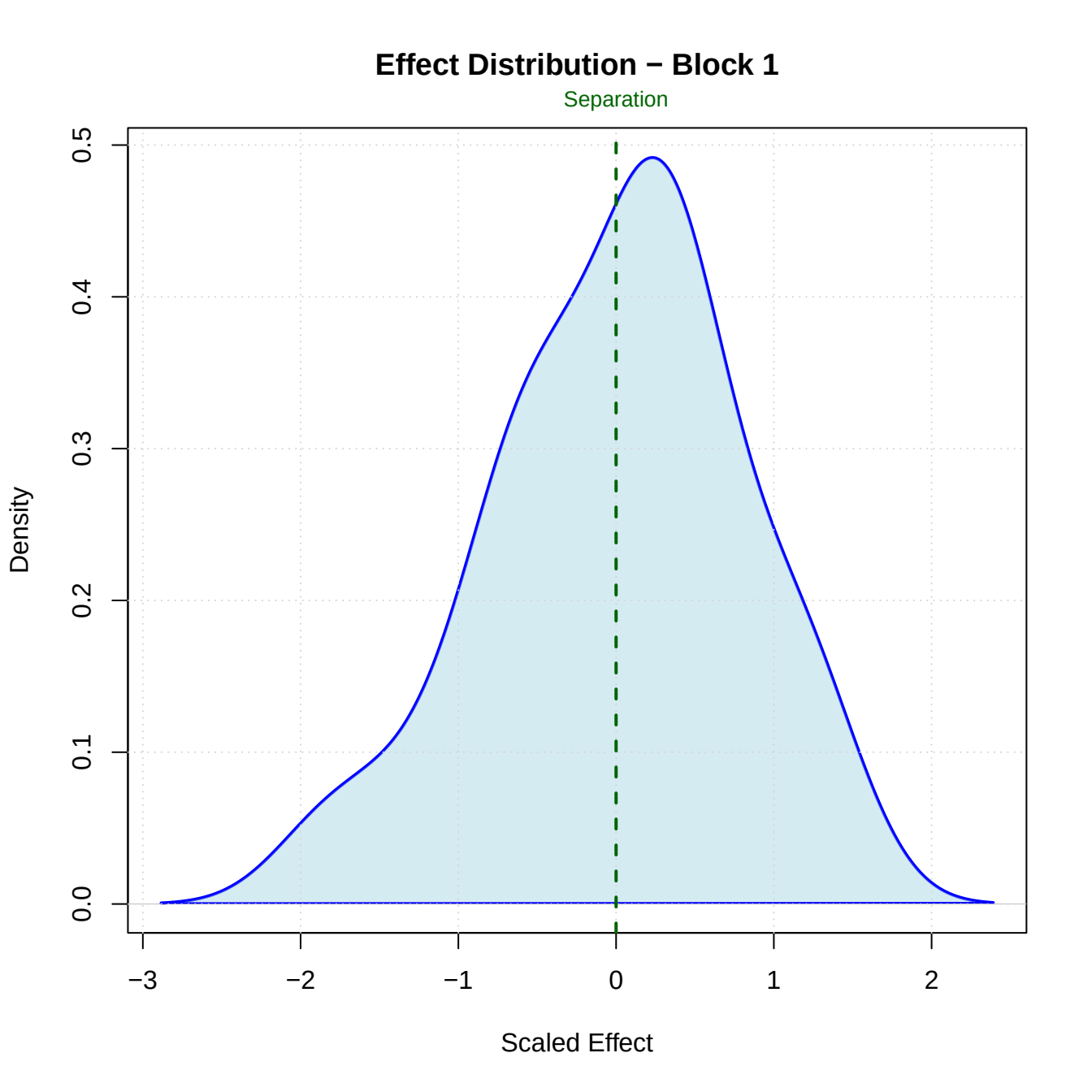

Genomic Architecture Biplot
PC2 (5.3%)
0.5
0.0
−0.5
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
PC1 (5.3%)
Vectors represent top 5 high−variance haploblocks

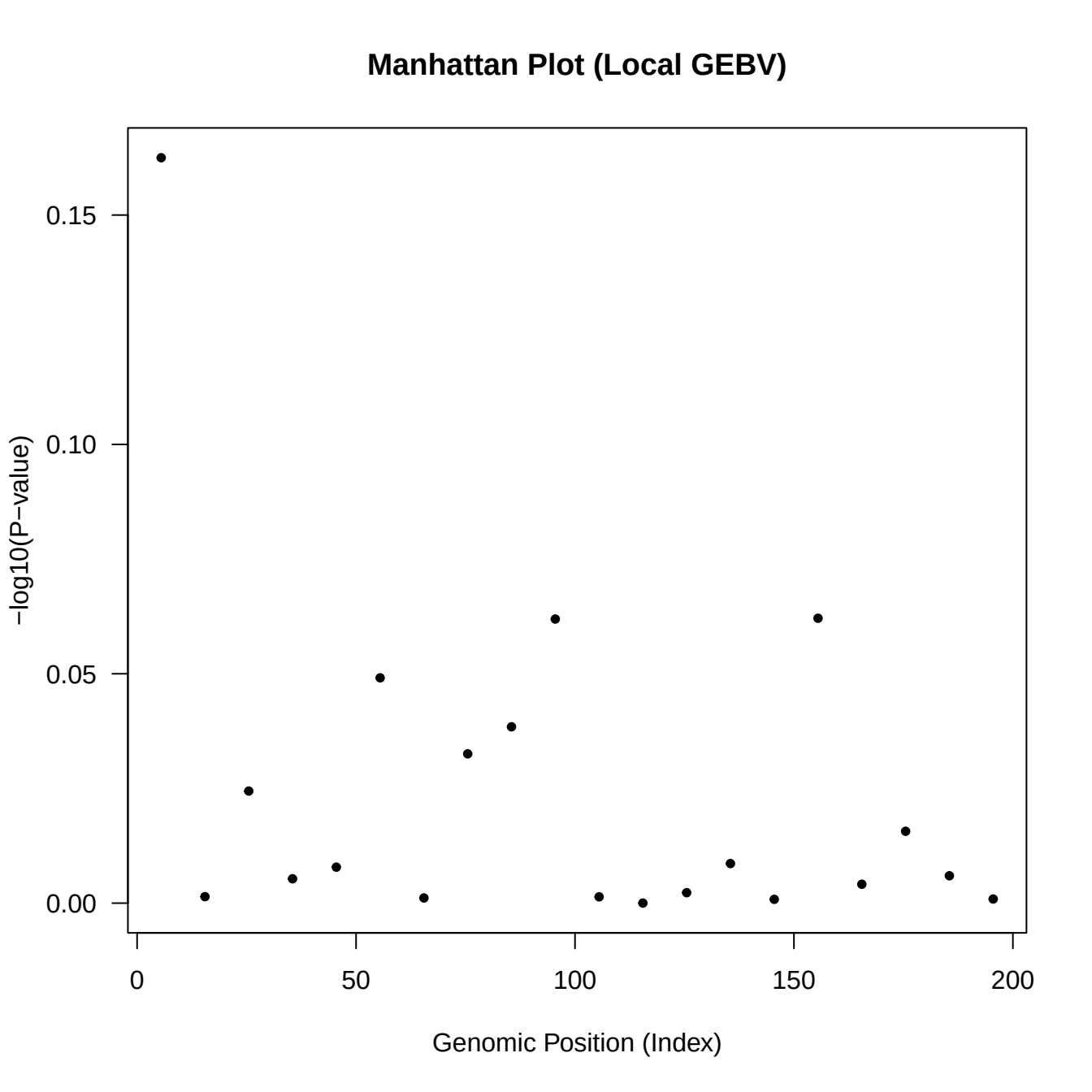

Manhattan Plot (Local GEBV)
1.0
0.8
0.6
0.4
0.2
0.0
−log10(P−value)
20
40
60
80
Genomic Position (Index)


Effect Distribution − Block 1
Separation
Density
0.0
0.1
0.2
0.3
0.4
0.5
−3
−2
−1
0
1
2
Scaled Effect


Effect Distribution − Block 1
Separation
Check:1
Check:5
Density
0.0
0.1
0.2
0.3
0.4
0.5
−3
−2
−1
0
1
2
Scaled Effect


Effect Distribution − Block 1
Separation
Ind4
Ind5
Density
0.0
0.1
0.2
0.3
0.4
0.5
−3
−2
−1
0
1
2
Scaled Effect


Effect Distribution − Block 1
Separation
Density
0.0
0.1
0.2
0.3
0.4
0.5
−3
−2
−1
0
1
2
Scaled Effect


Manhattan Plot (Local GEBV)
0.15
0.10
0.05
0.00
−log10(P−value)
0
50
100
150
200
Genomic Position (Index)