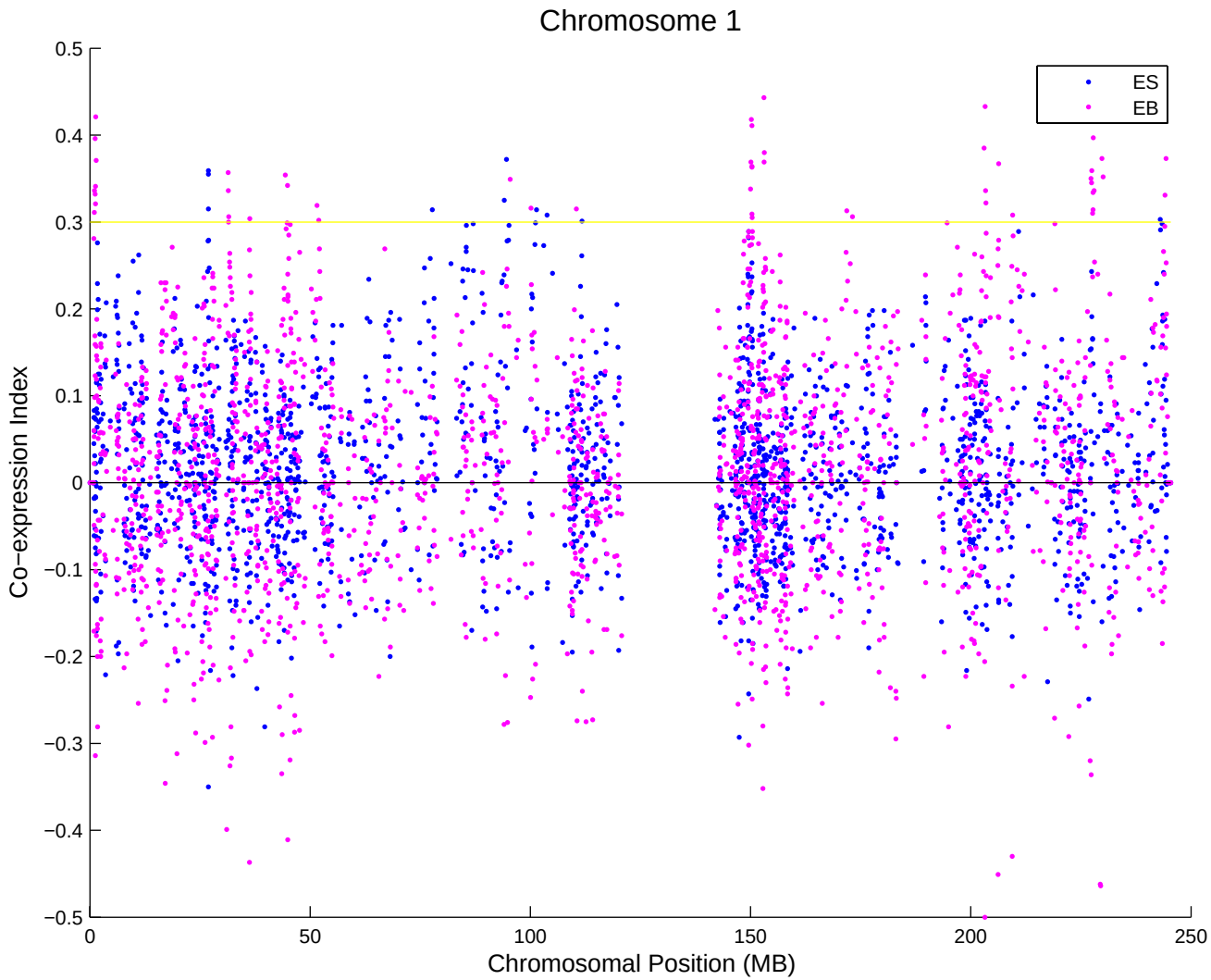
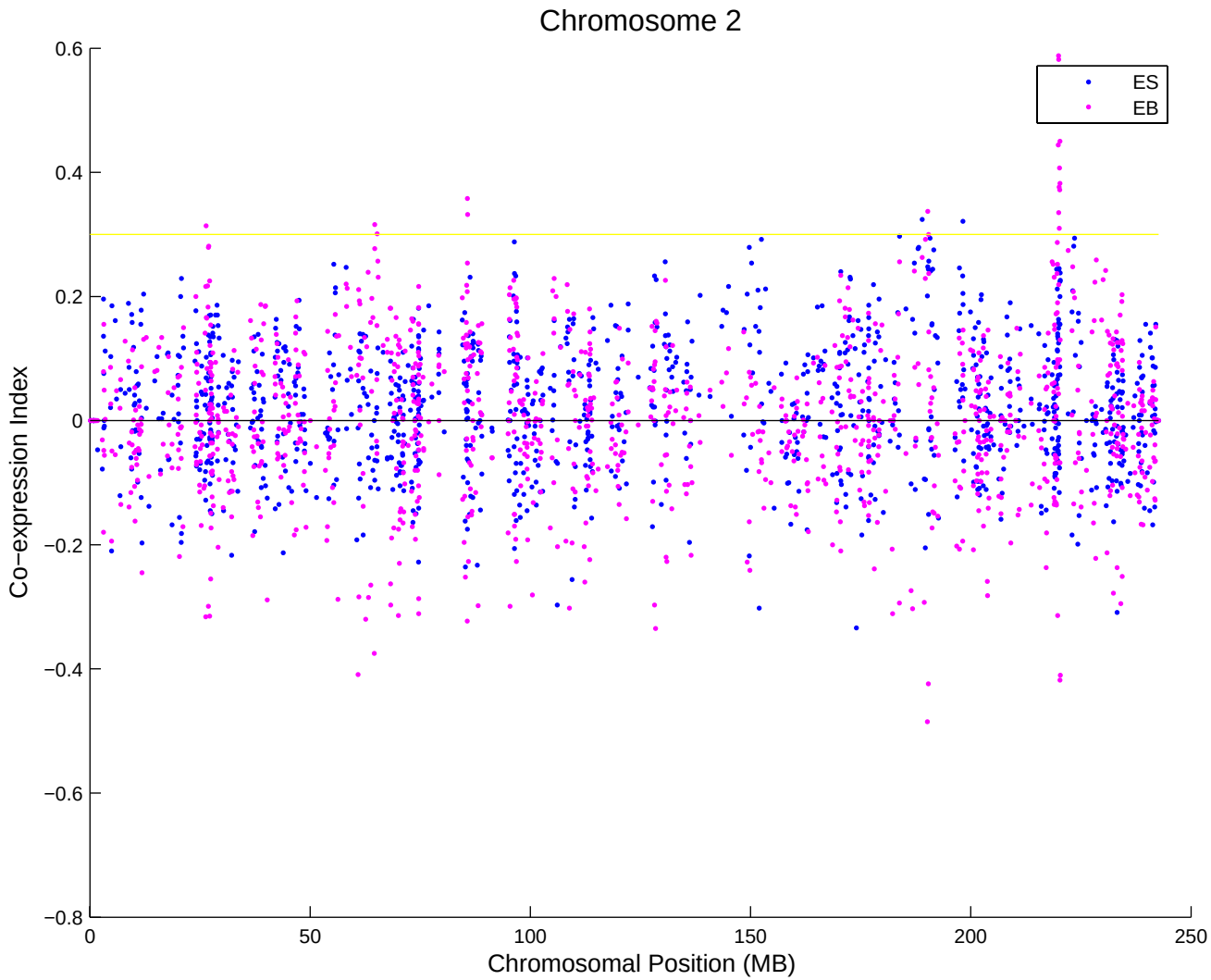
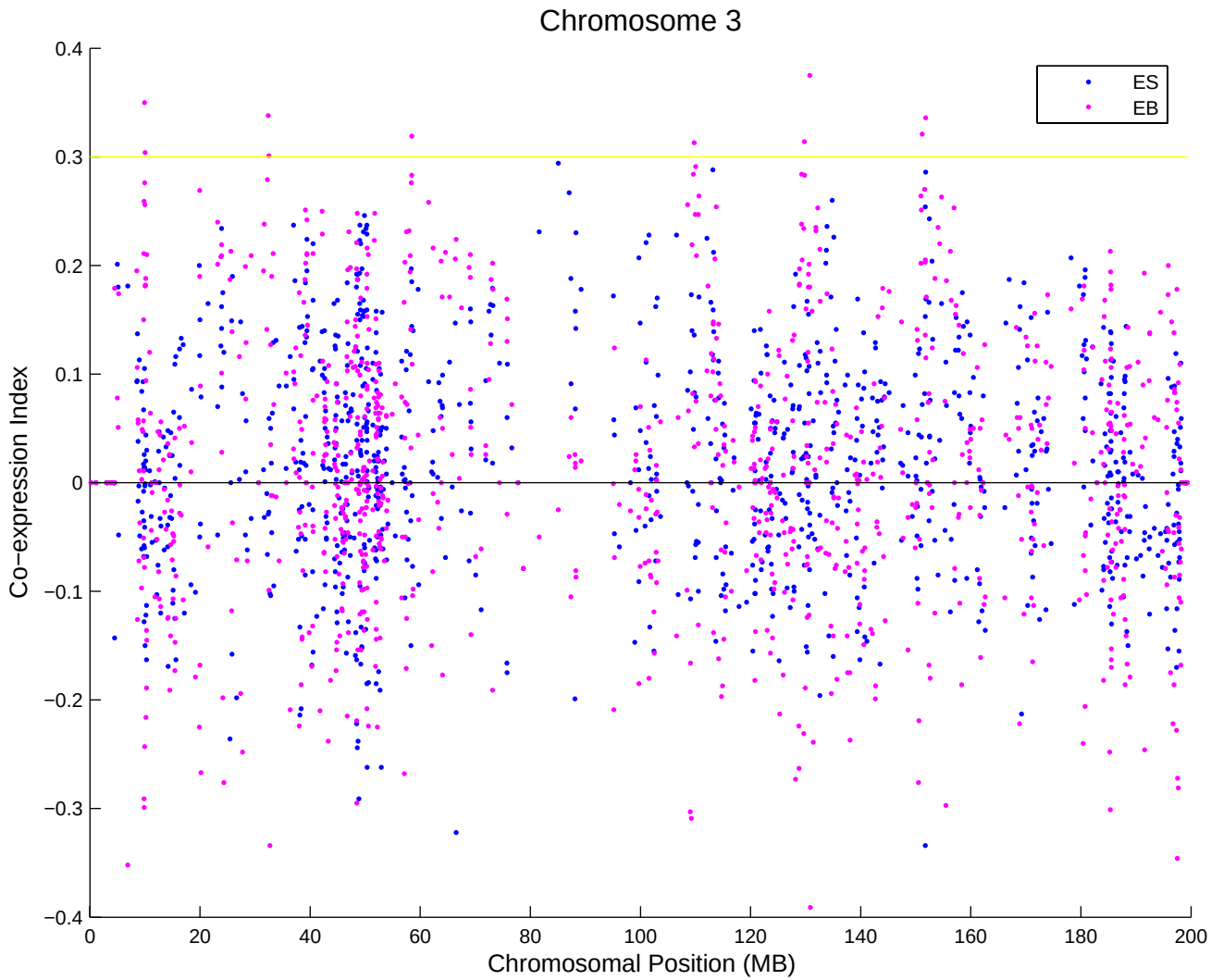
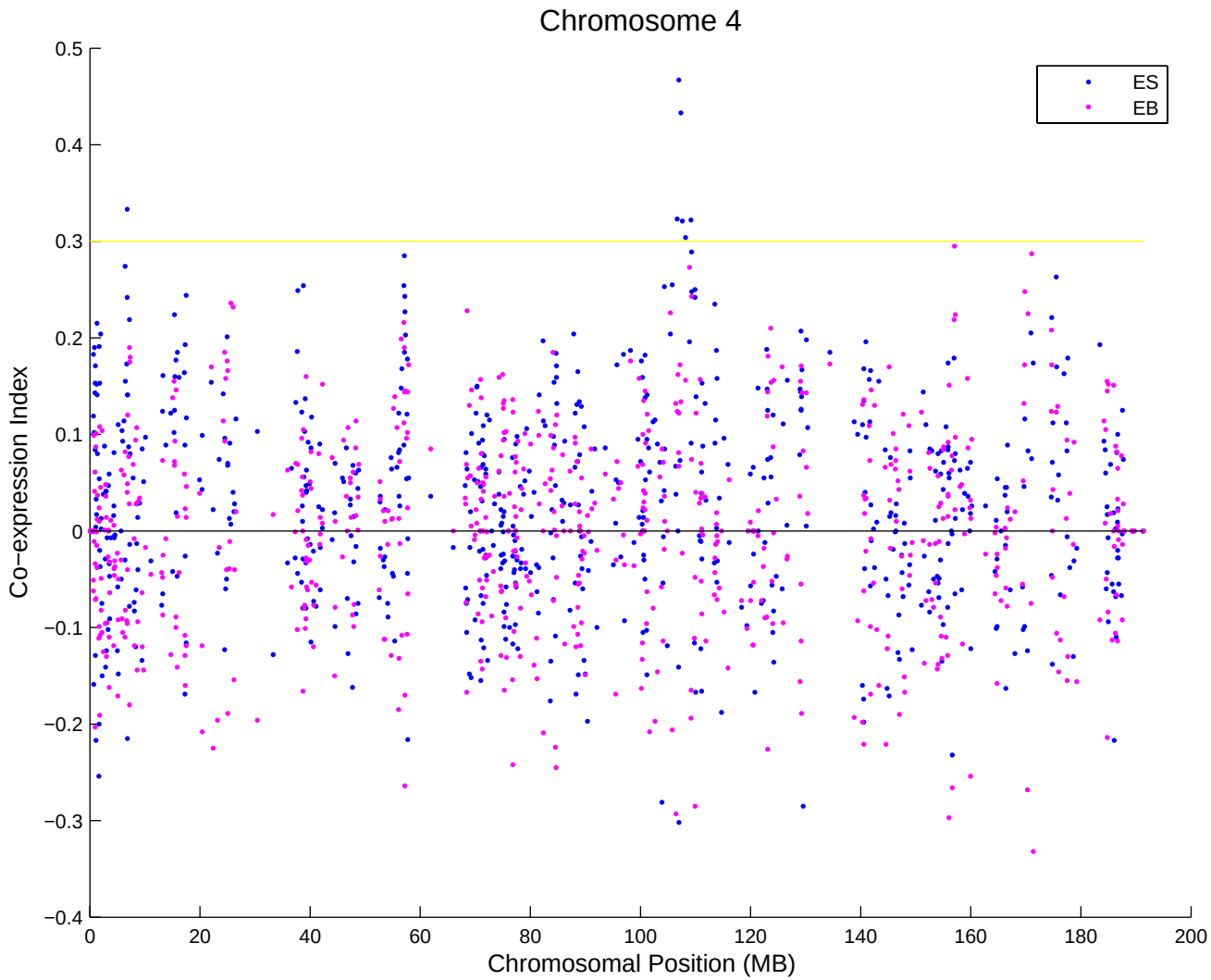
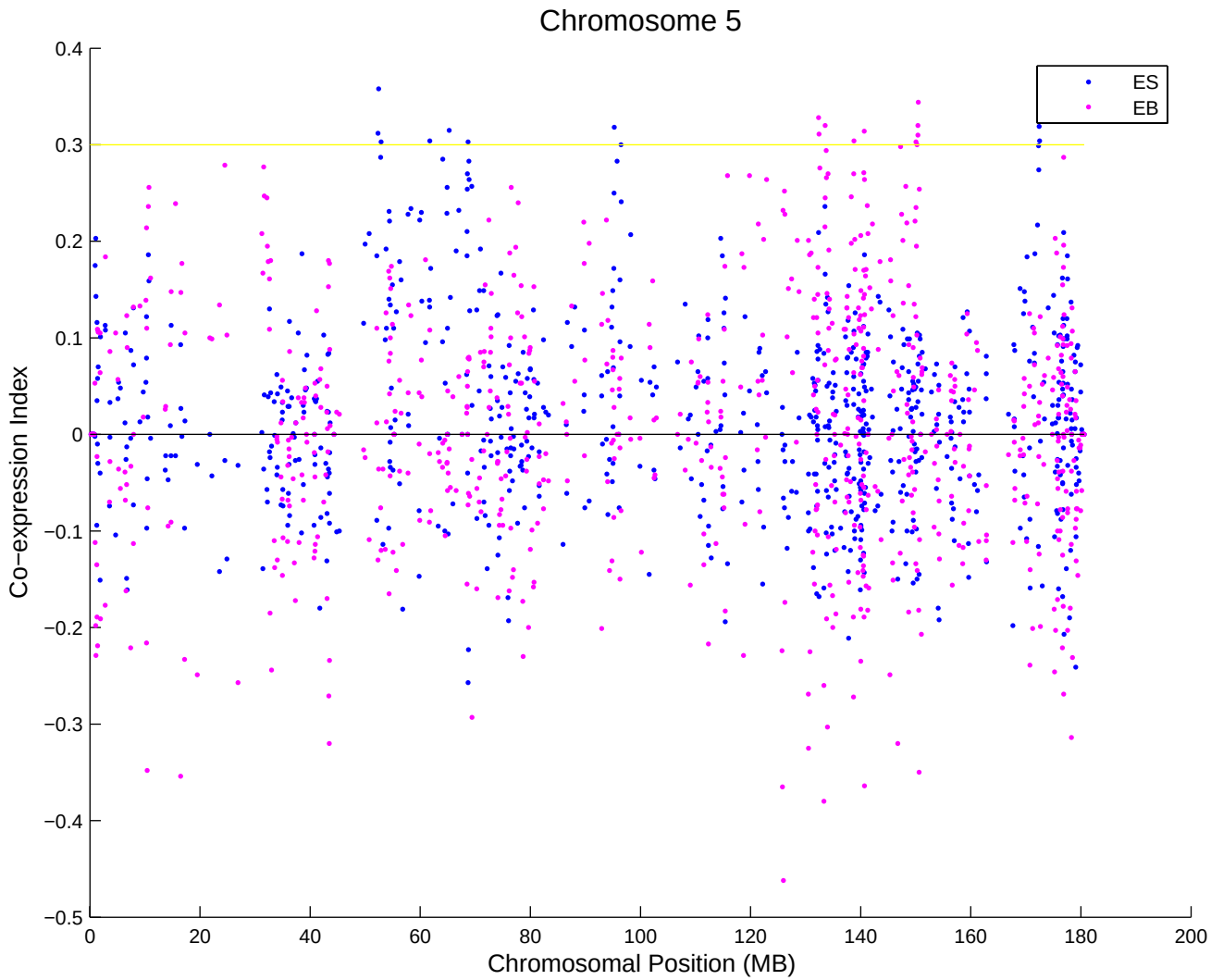
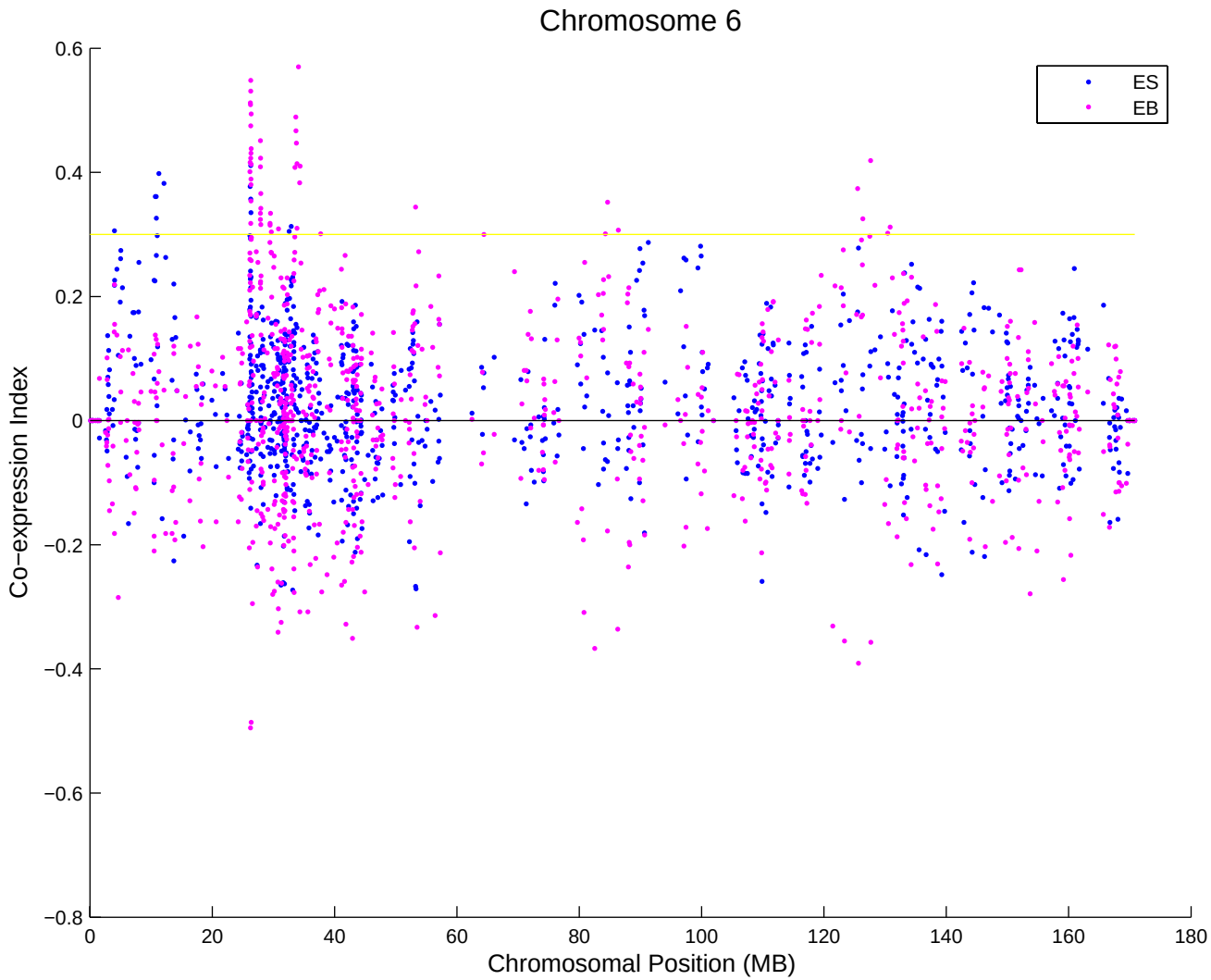

Chromosome 1
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
50
100
150
200
250

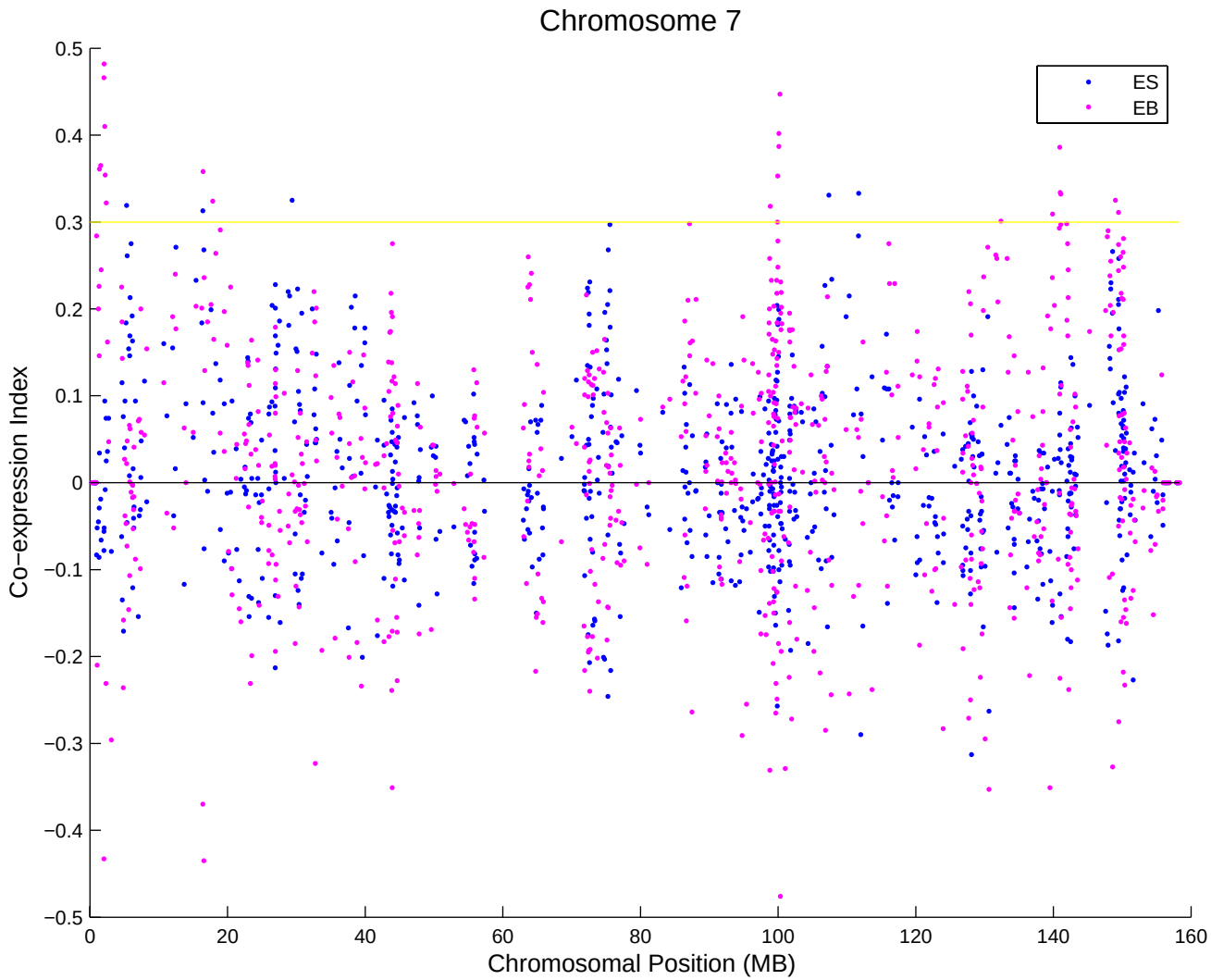

Chromosome 2
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
0
50
100
150
200
250

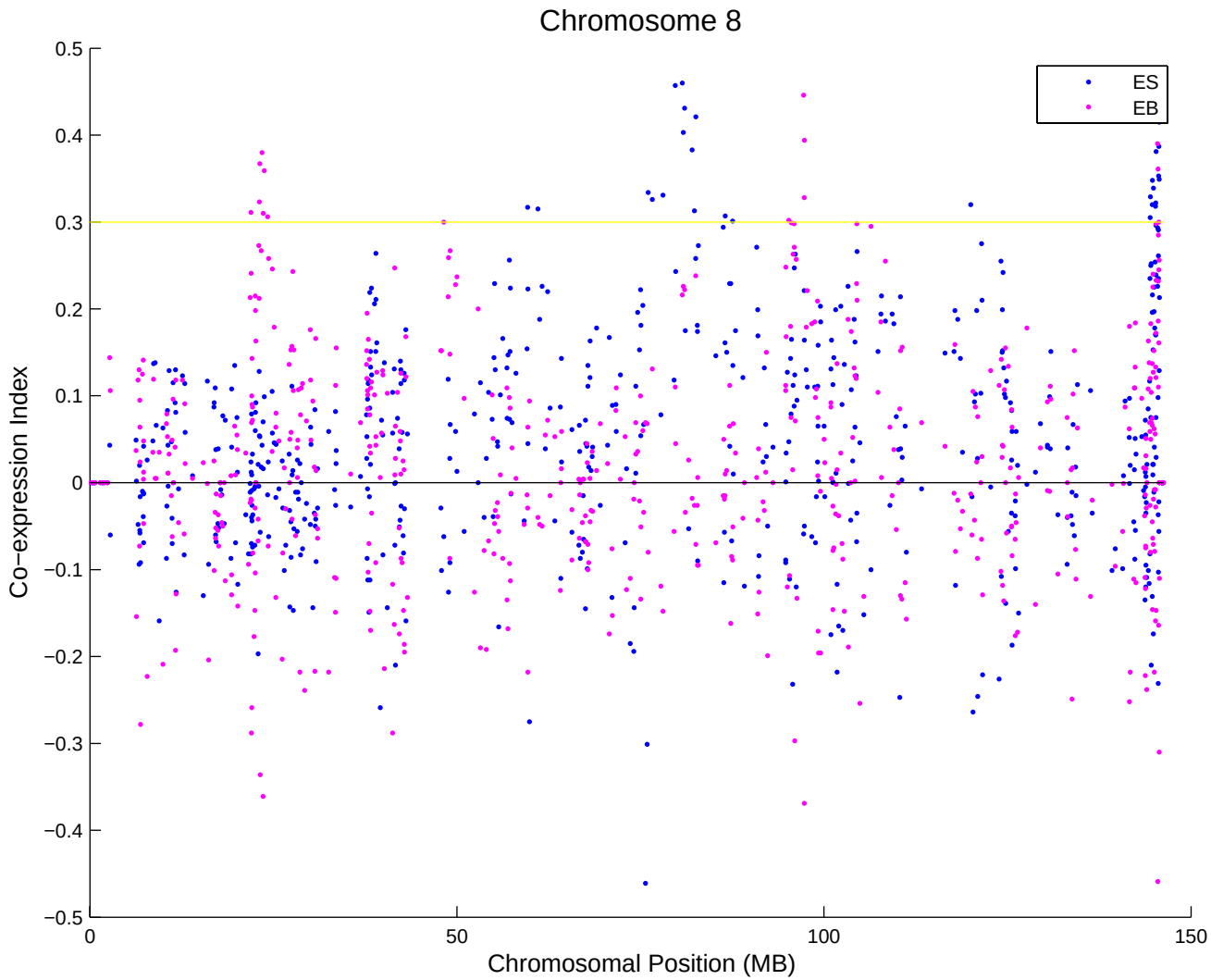

Chromosome 3
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
0
20
40
60
80
100
120
140
160
180
200

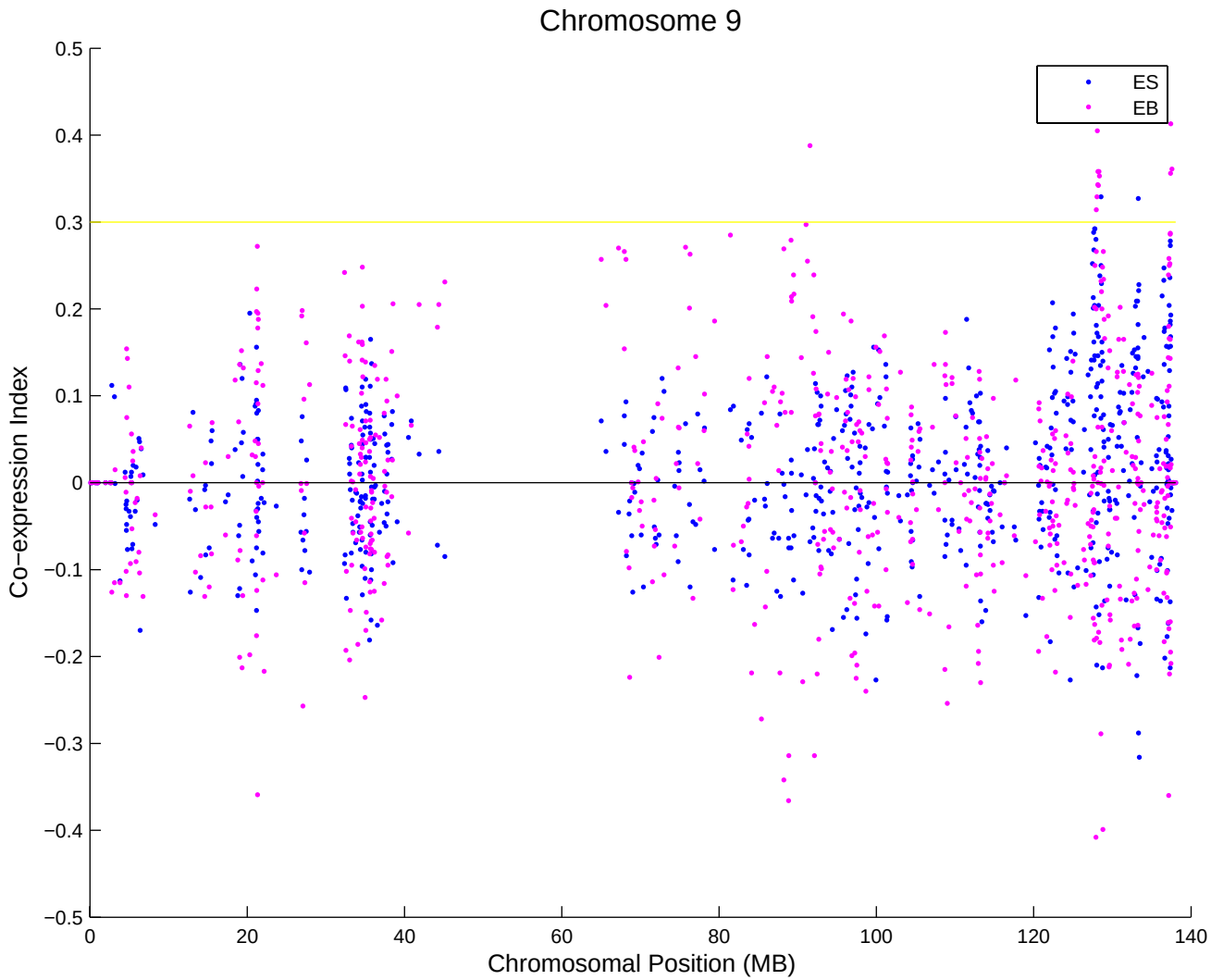

Chromosome 4
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
0
20
40
60
80
100
120
140
160
180
200

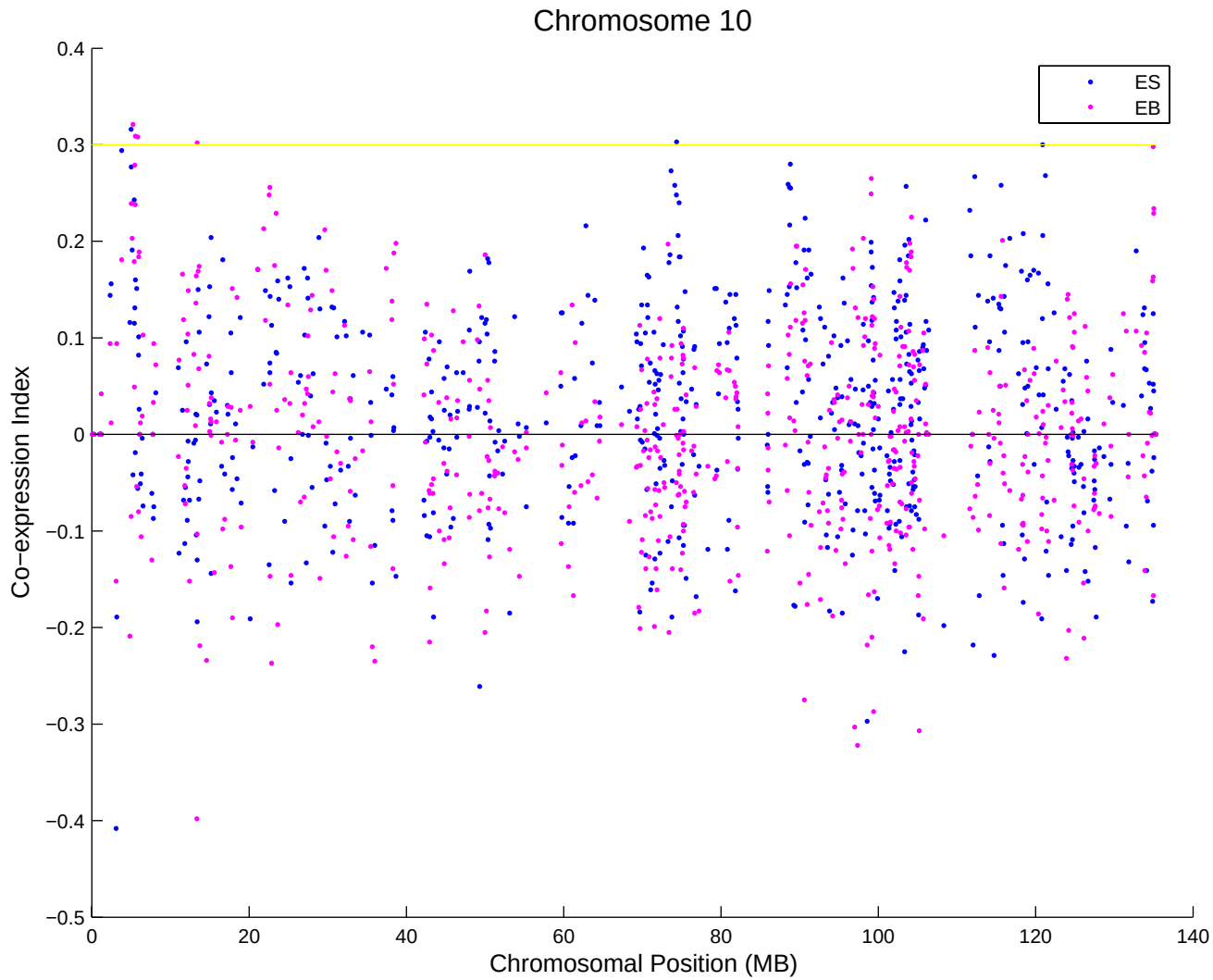

Chromosome 5
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
20
40
60
80
100
120
140
160
180
200

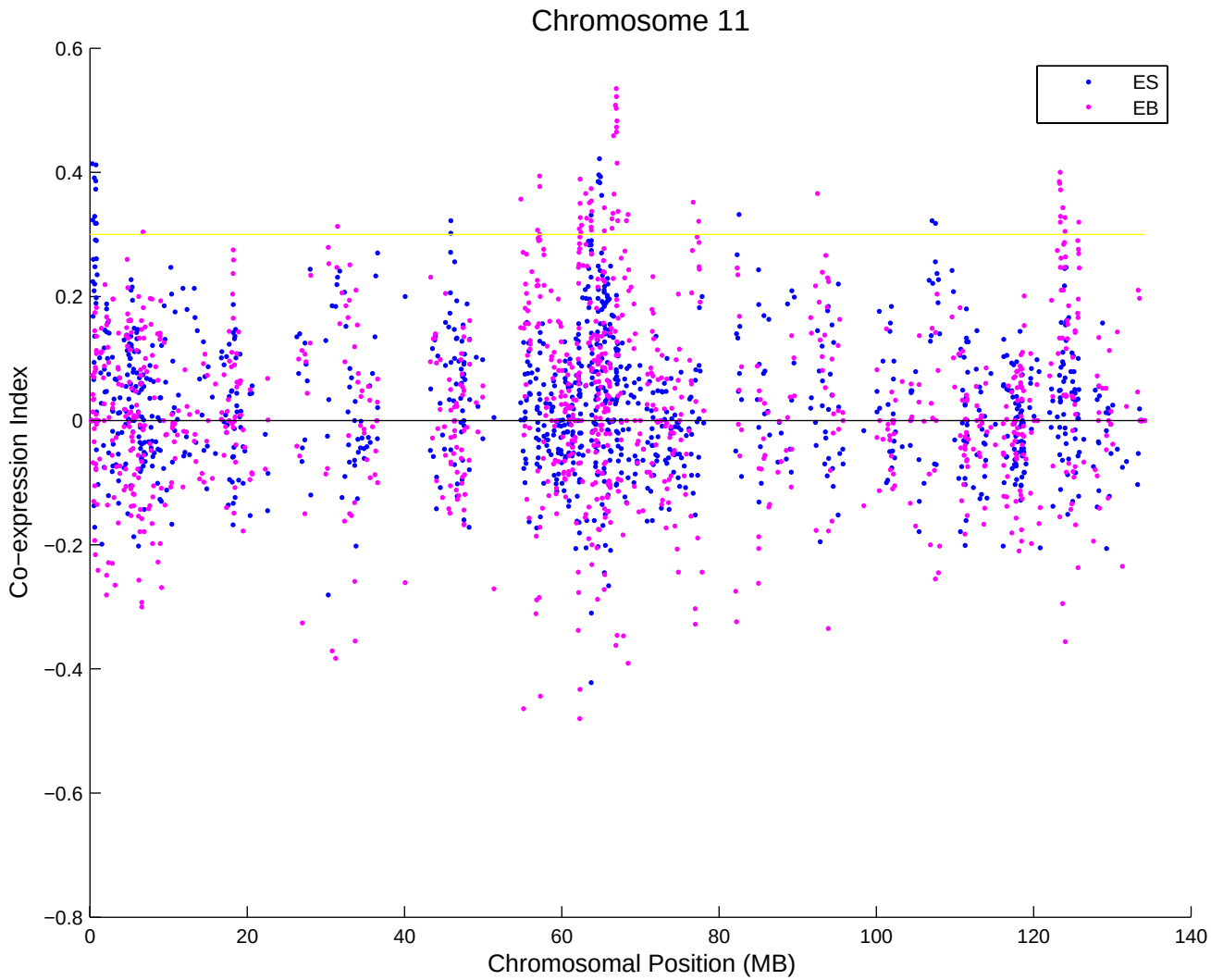

Chromosome 6
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
0
20
40
60
80
100
120
140
160
180

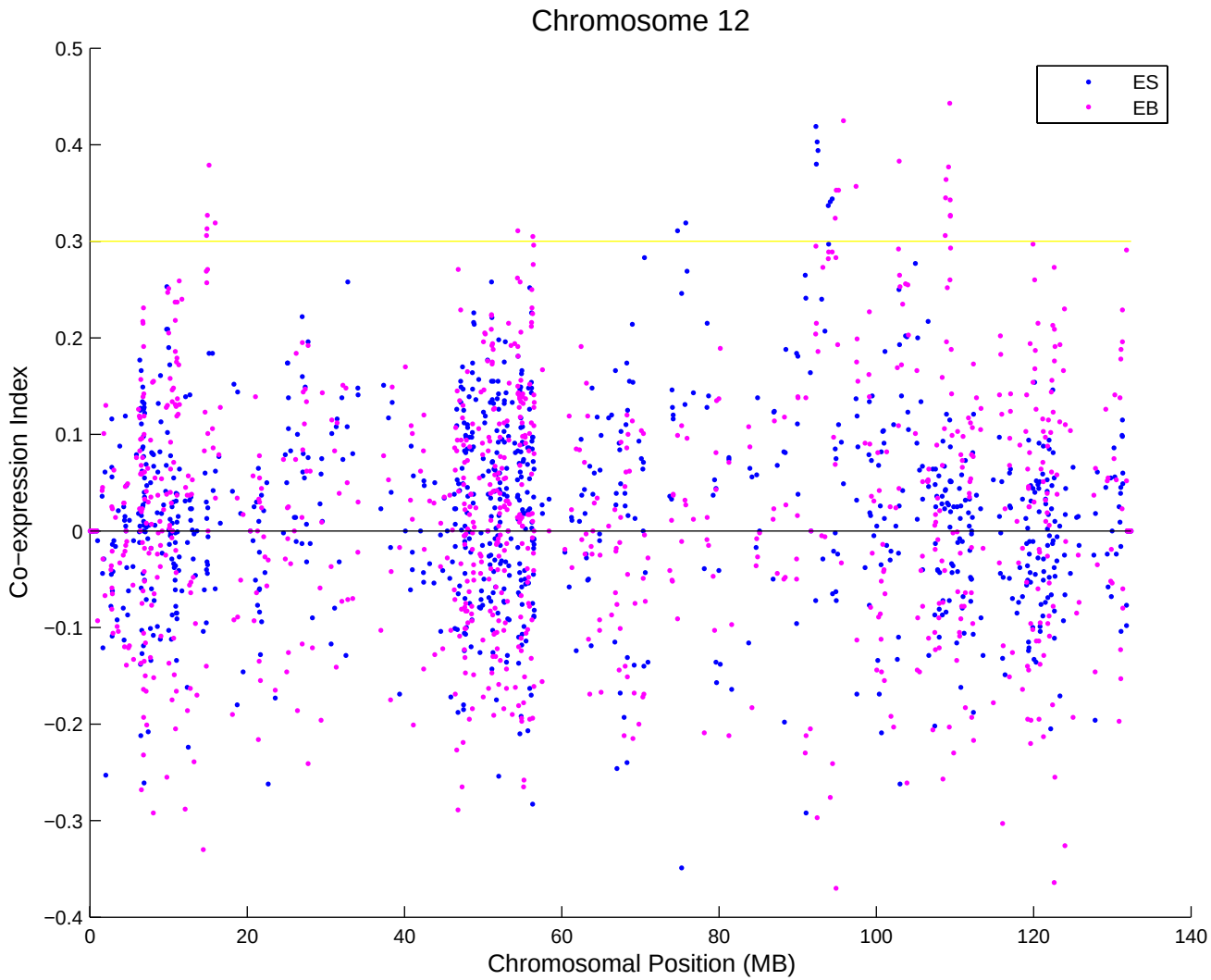

Chromosome 7
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
20
40
60
80
100
120
140
160

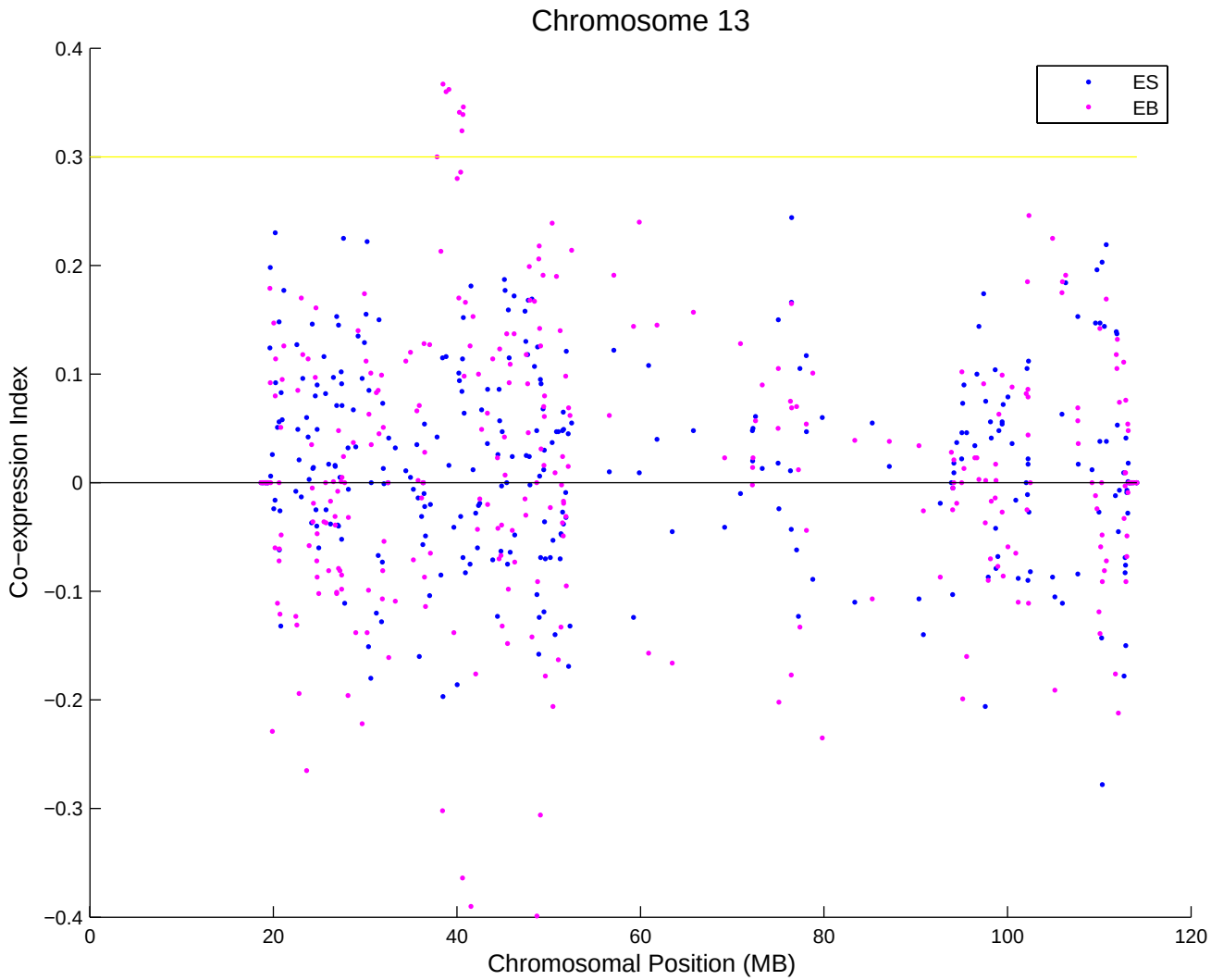

Chromosome 8
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
50
100
150

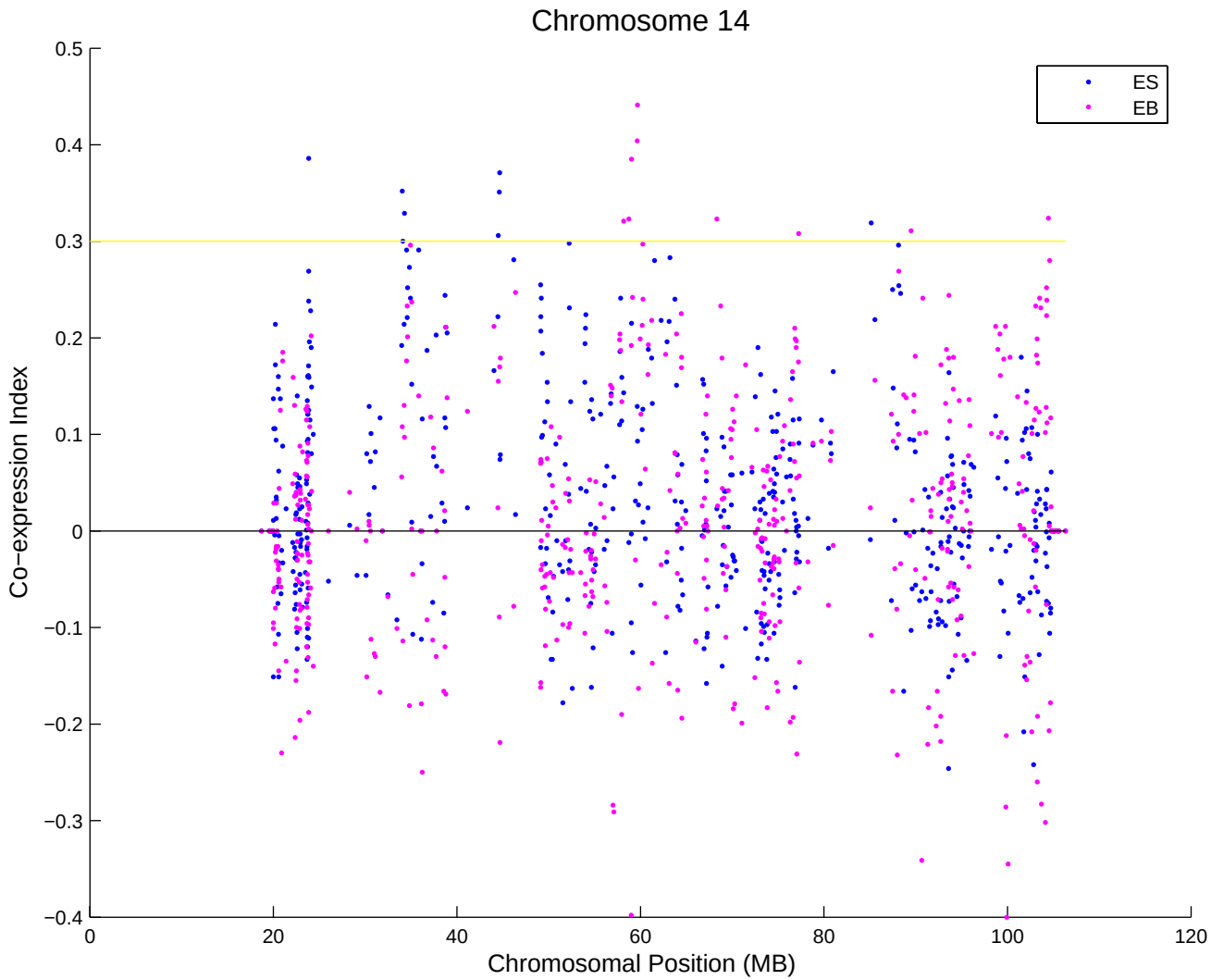

Chromosome 9
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
20
40
60
80
100
120
140

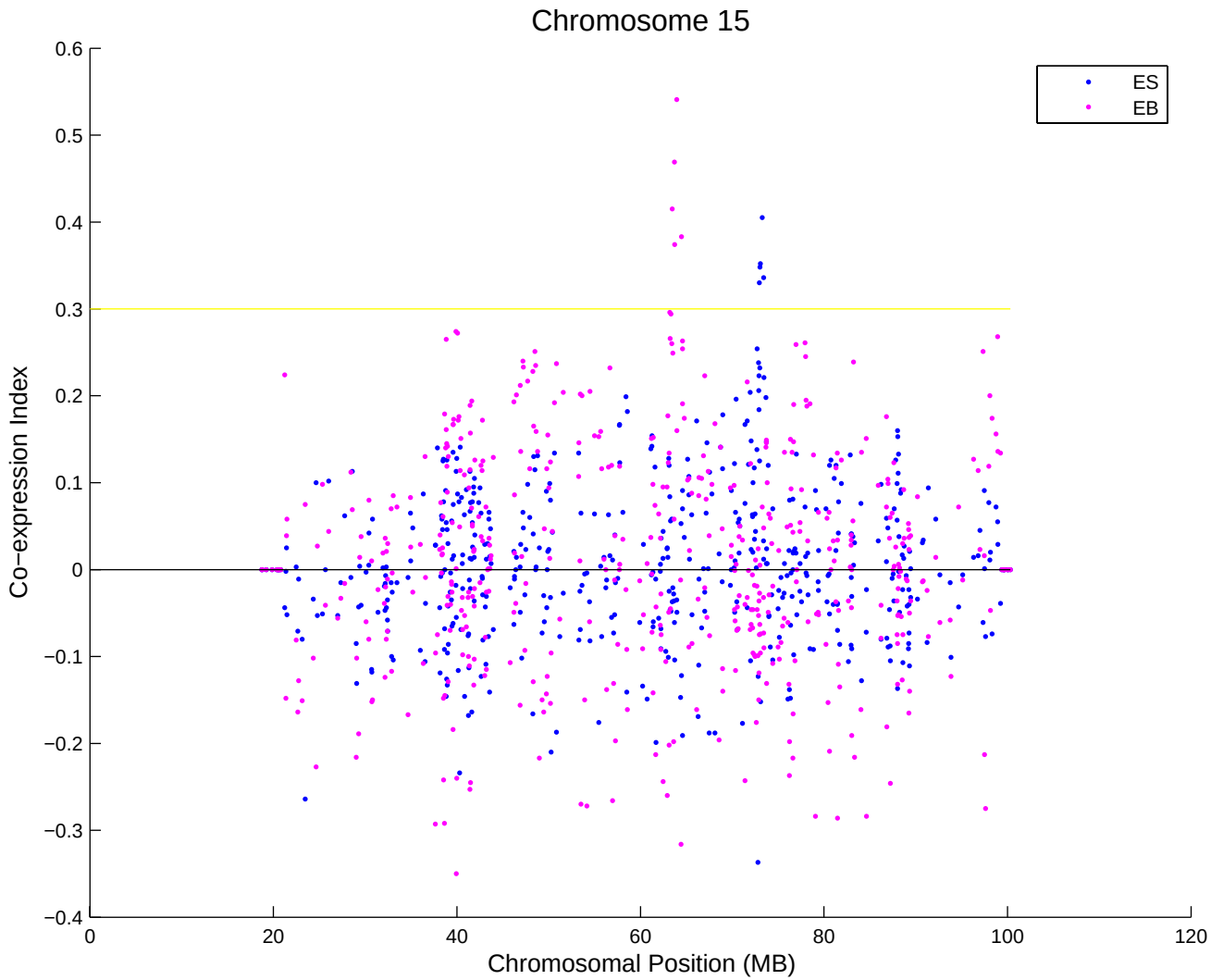

Chromosome 10
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
20
40
60
80
100
120
140

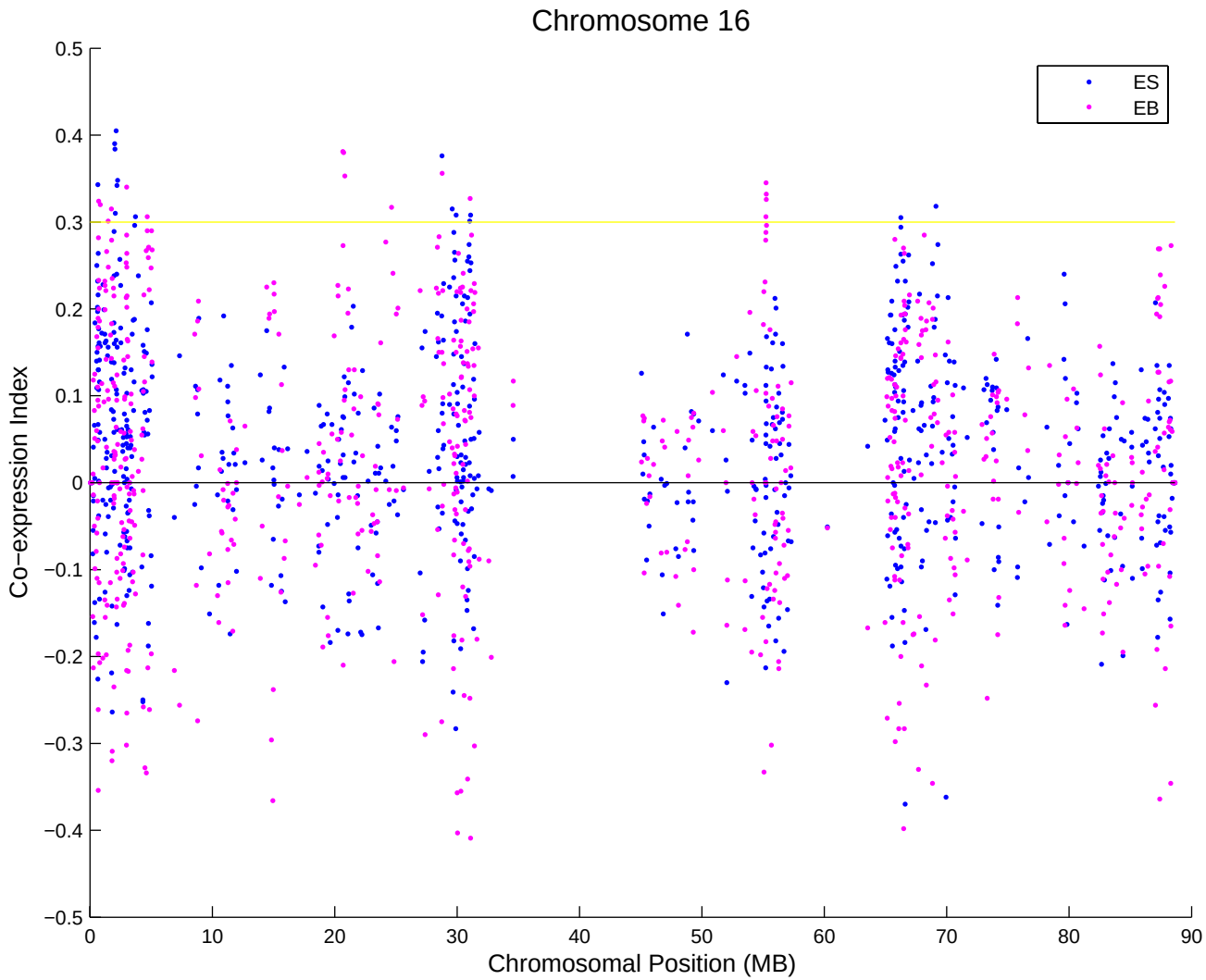

Chromosome 11
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
0
20
40
60
80
100
120
140

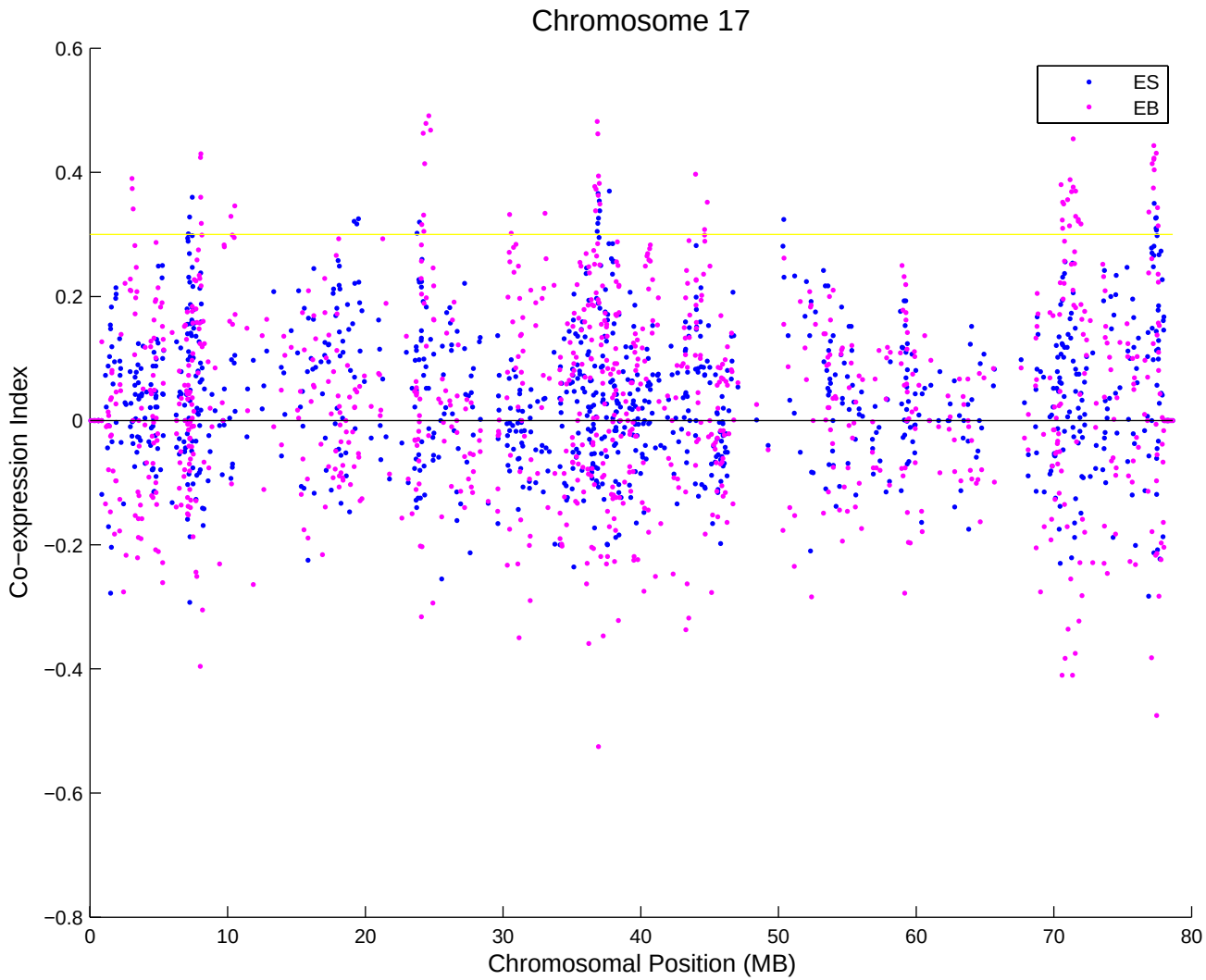

Chromosome 12
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
0
20
40
60
80
100
120
140

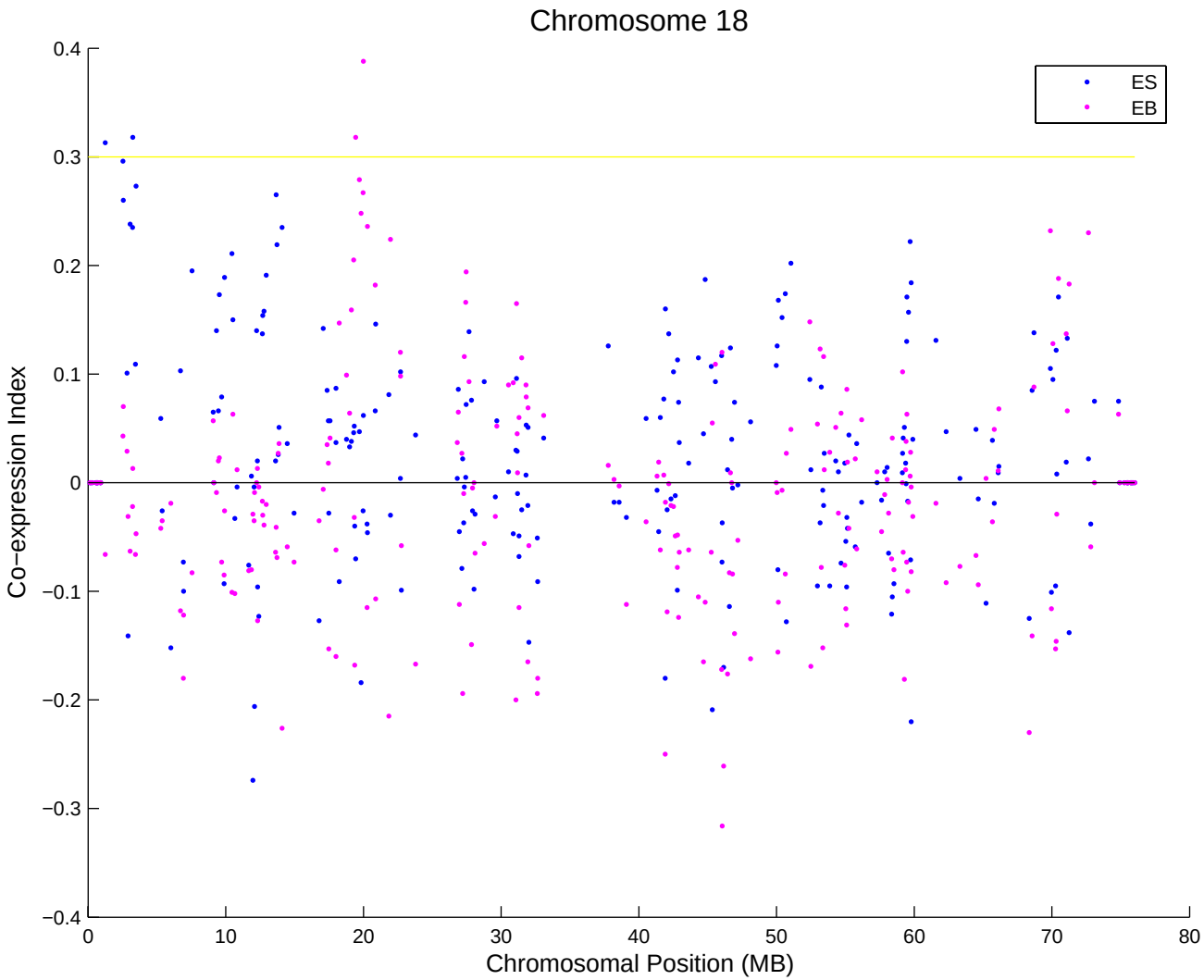

Chromosome 13
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
0
20
40
60
80
100
120

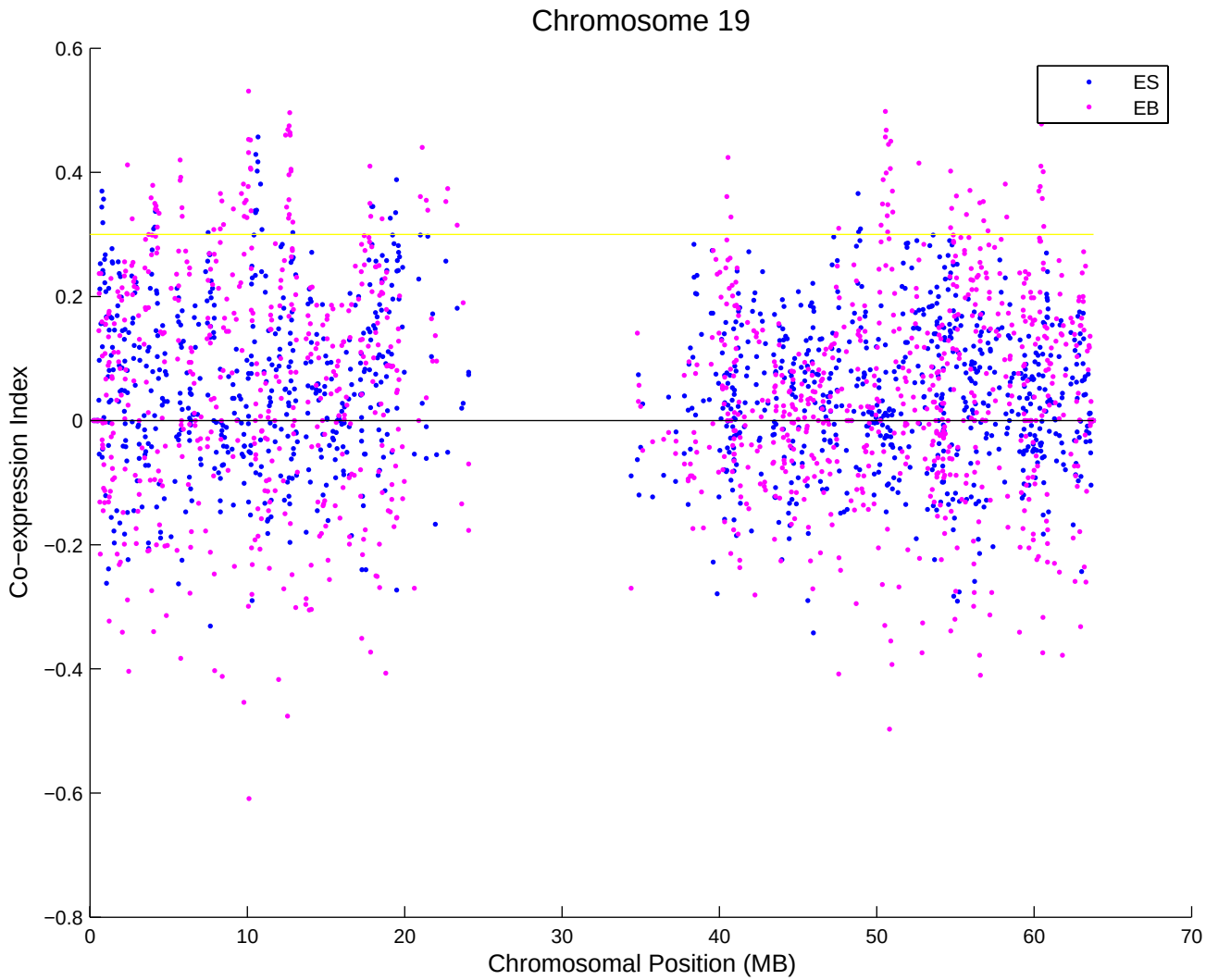

Chromosome 14
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
0
20
40
60
80
100
120

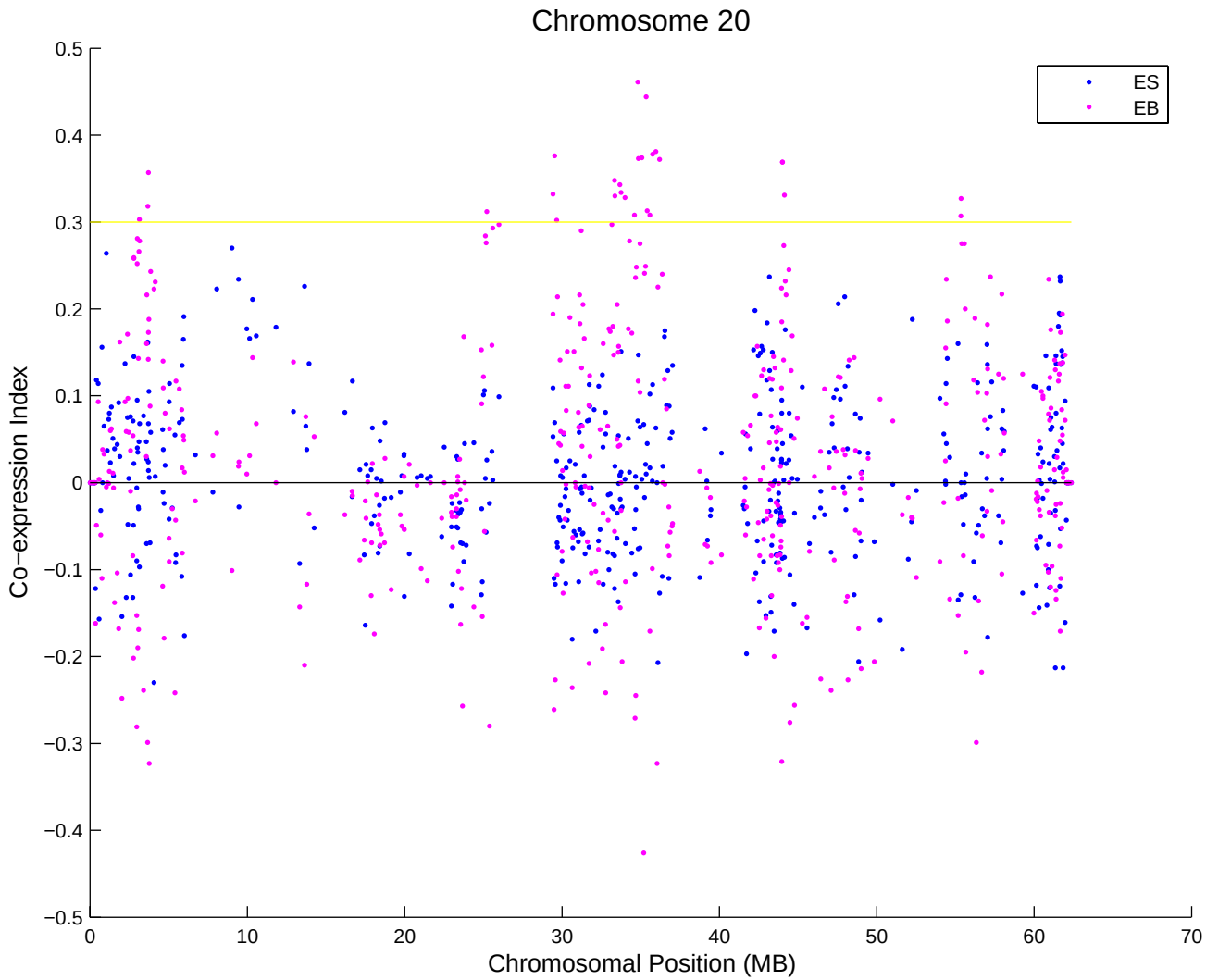

Chromosome 15
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.6
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
0
20
40
60
80
100
120

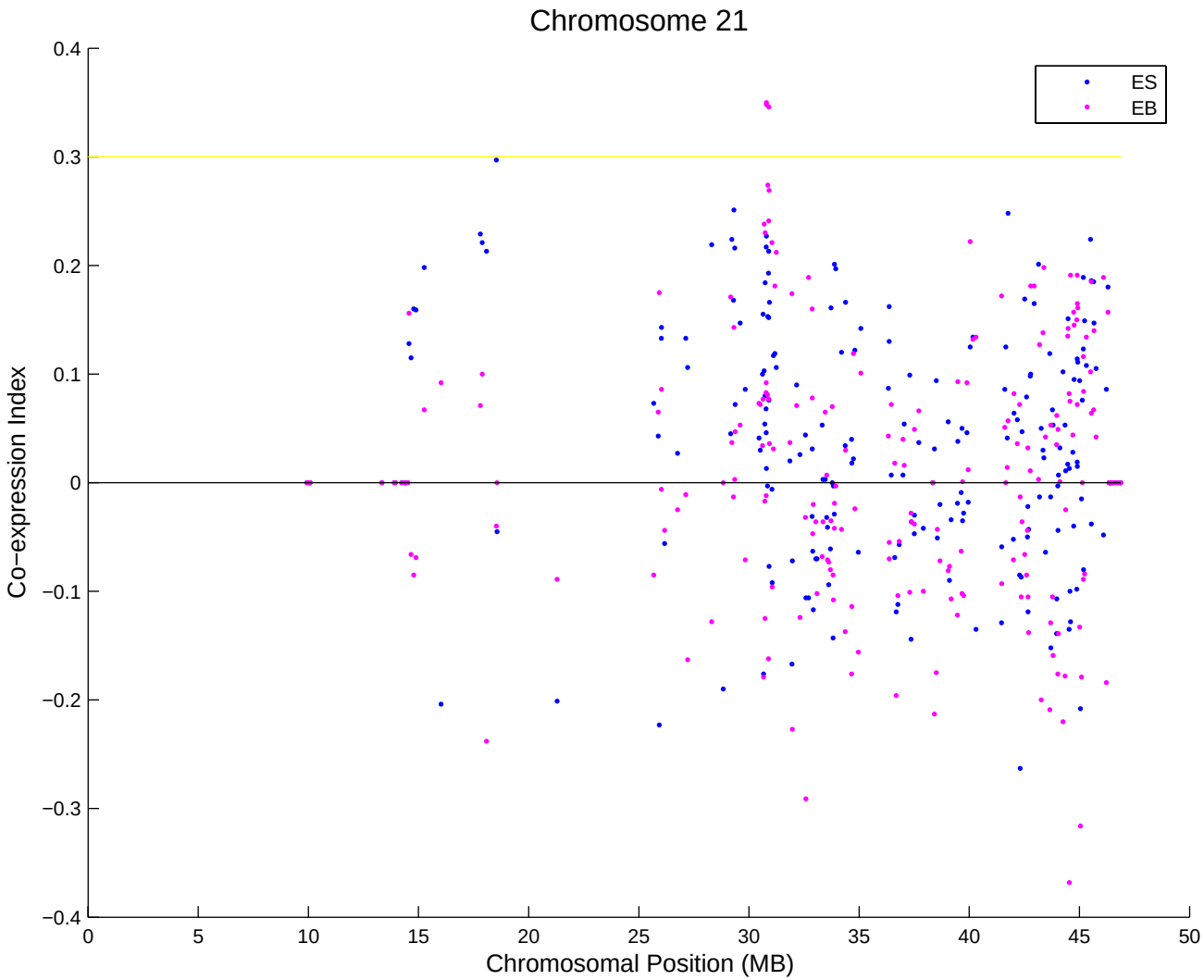

Chromosome 16
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
10
20
30
40
50
60
70
80
90

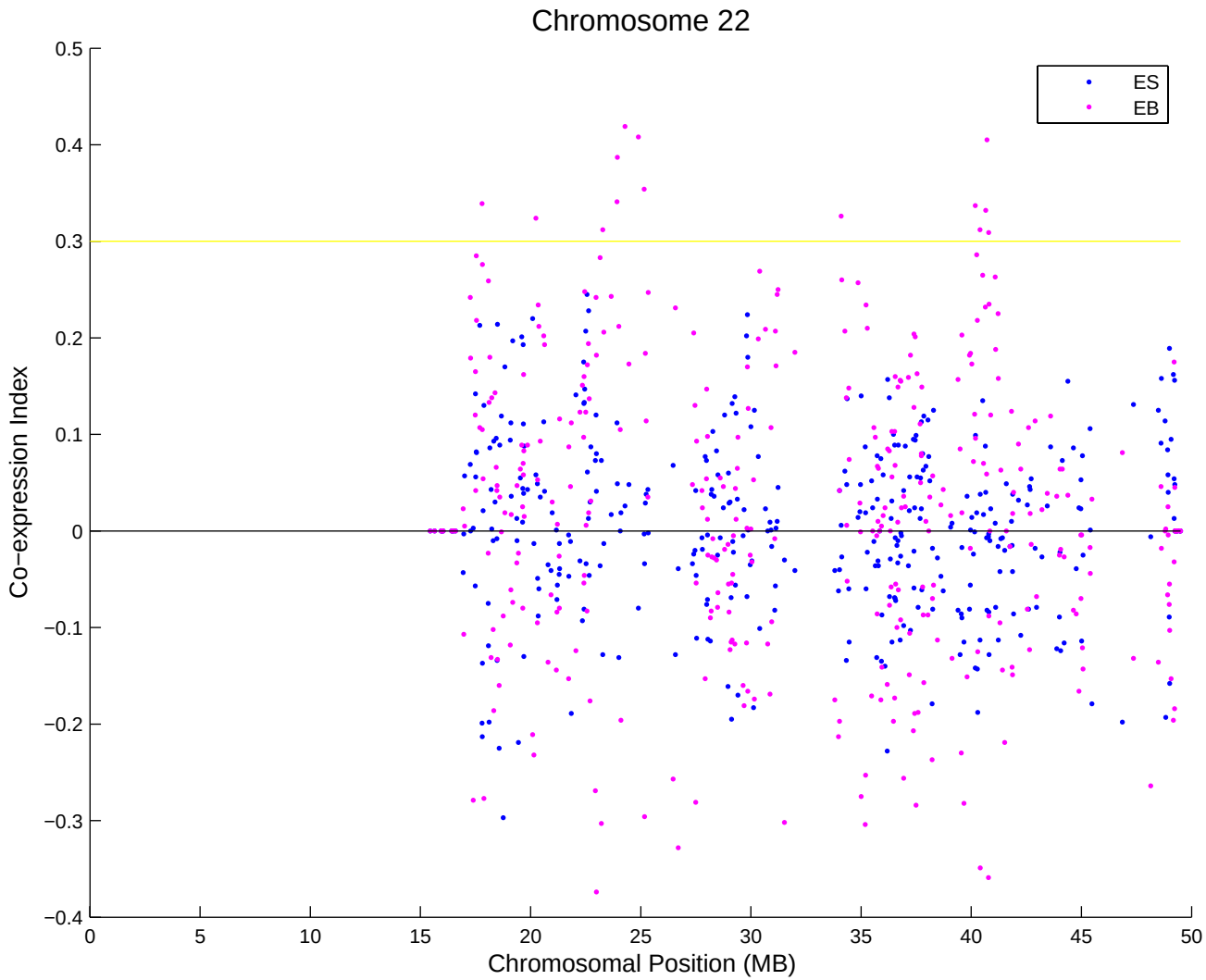

Chromosome 17
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
0
10
20
30
40
50
60
70
80

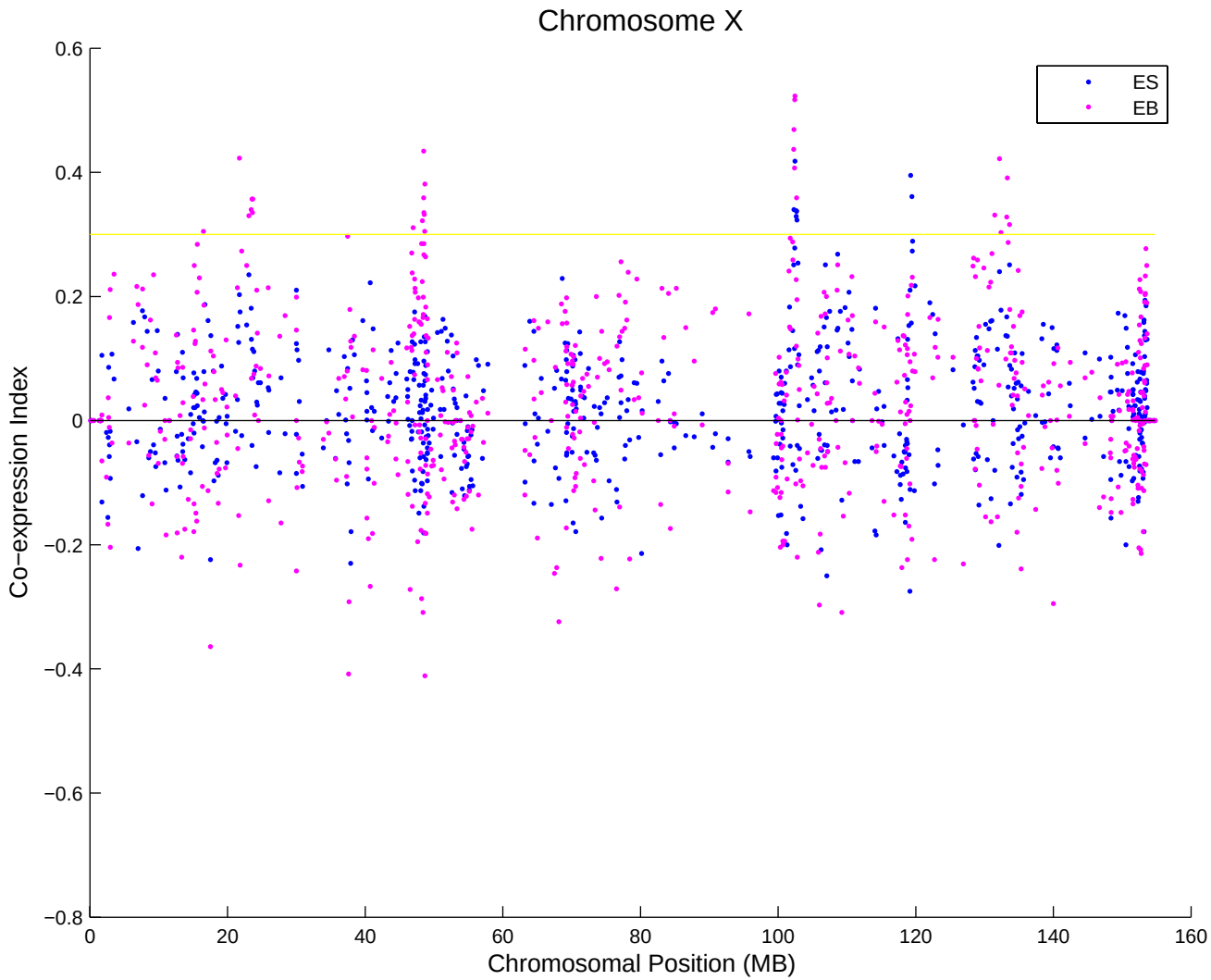

Chromosome 18
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
0
10
20
30
40
50
60
70
80

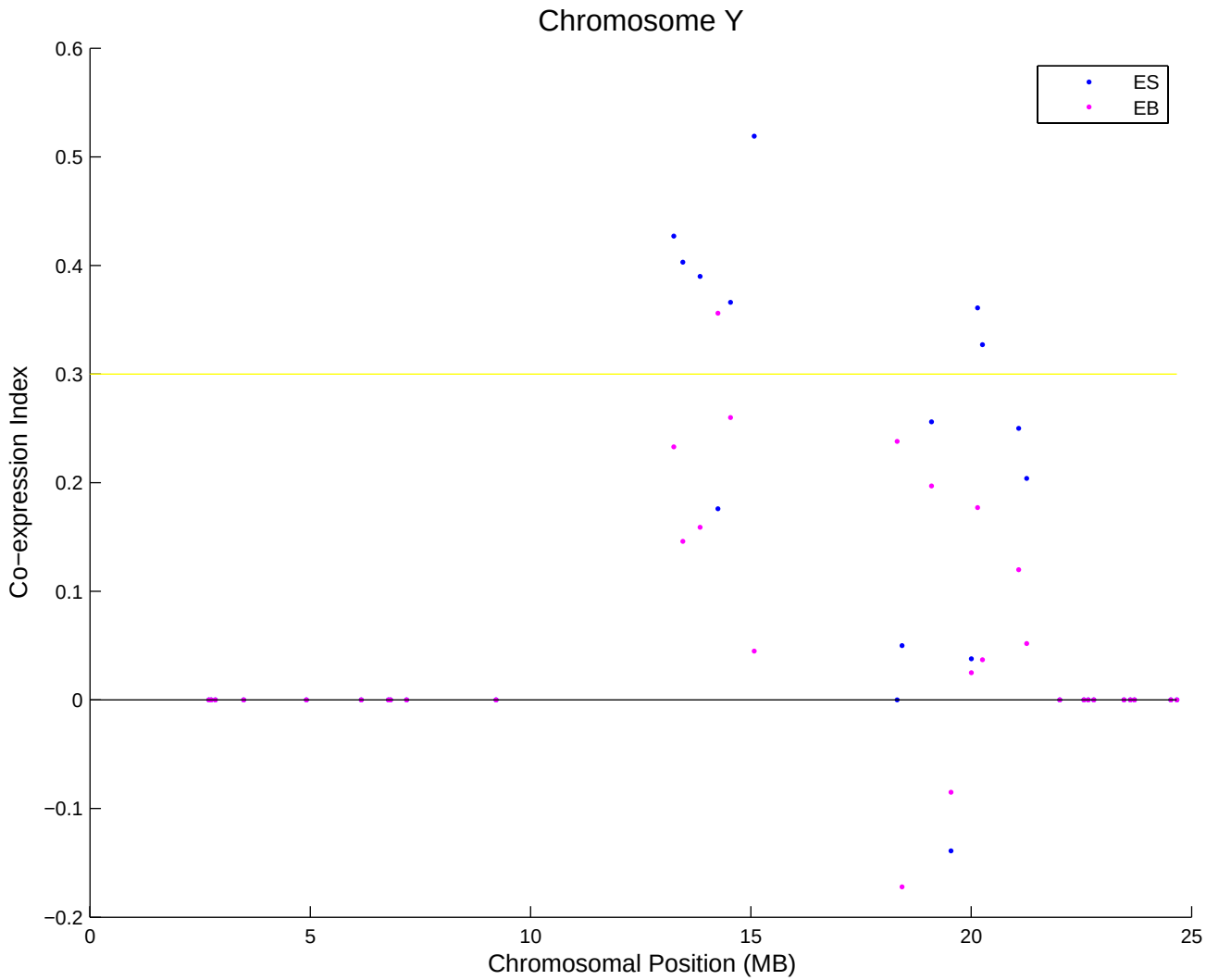

Chromosome 19
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
0
10
20
30
40
50
60
70


Chromosome 20
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
10
20
30
40
50
60
70


Chromosome 21
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
0
5
10
15
20
25
30
35
40
45
50


Chromosome 22
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
0
5
10
15
20
25
30
35
40
45
50


Chromosome X
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
0
20
40
60
80
100
120
140
160


Chromosome Y
ES
EB
Co−expression Index
Chromosomal Position (MB)
0.6
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
0
5
10
15
20
25