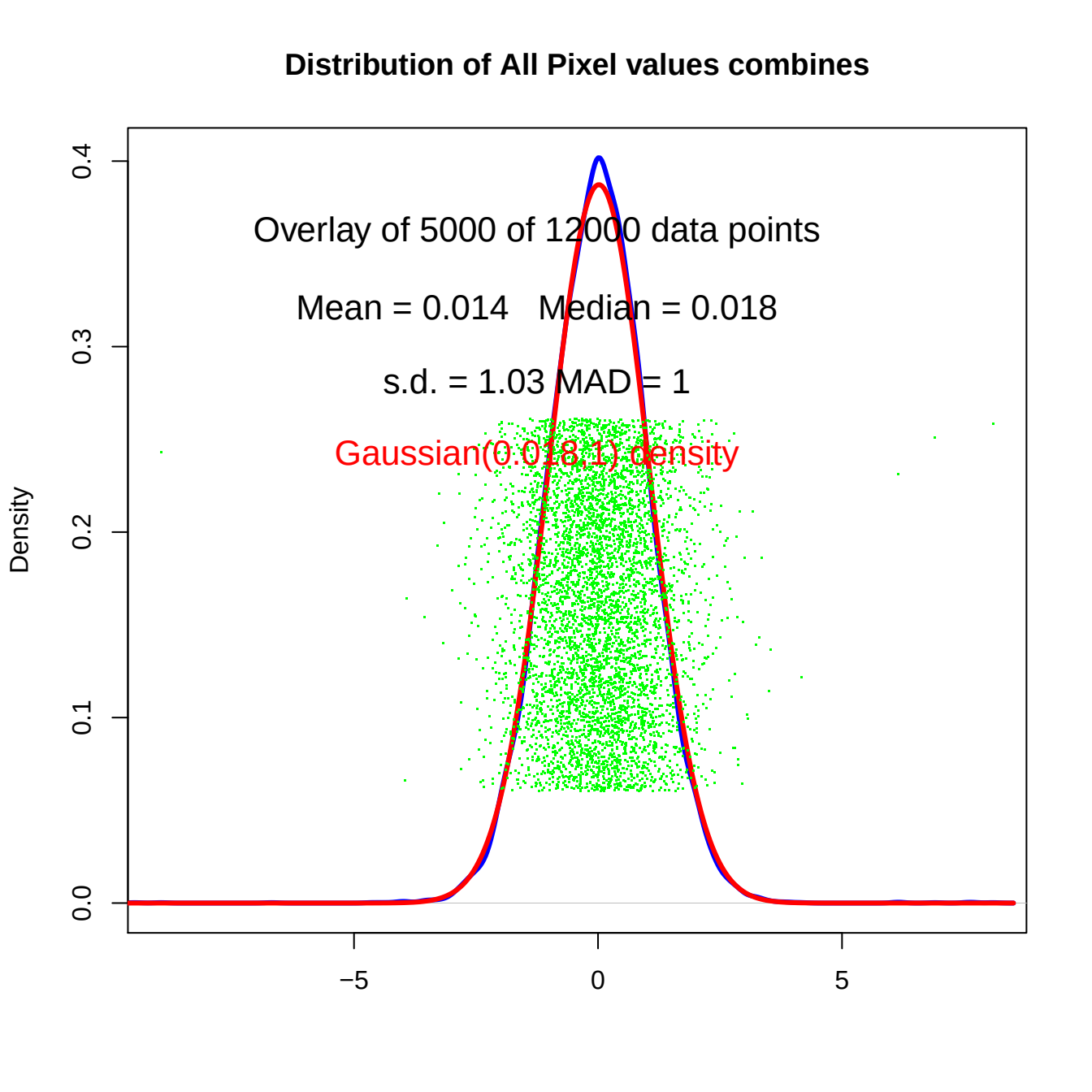
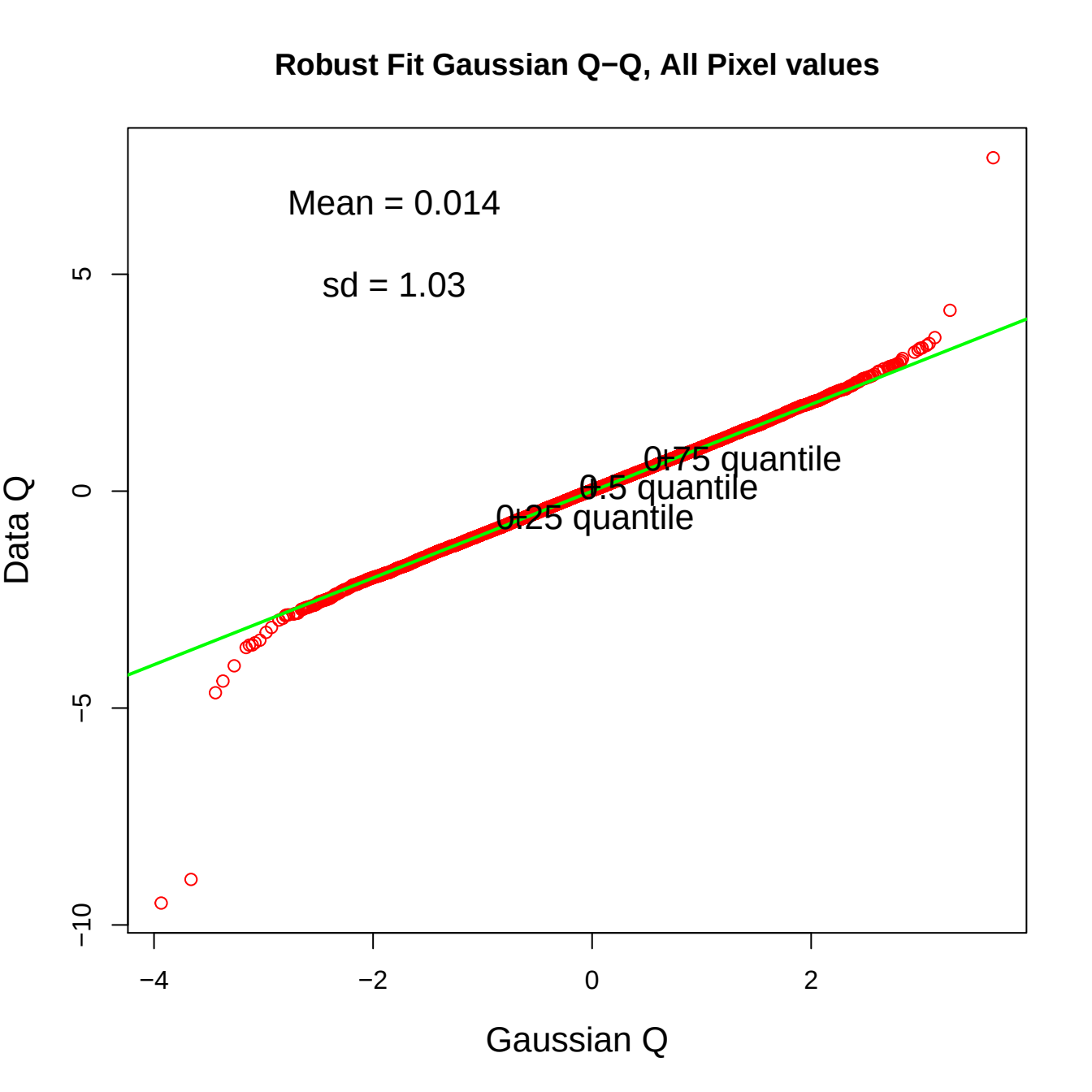
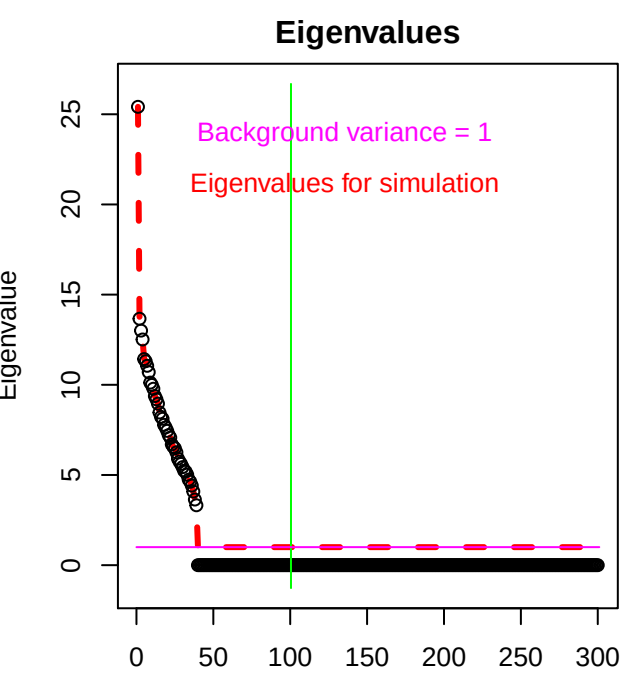
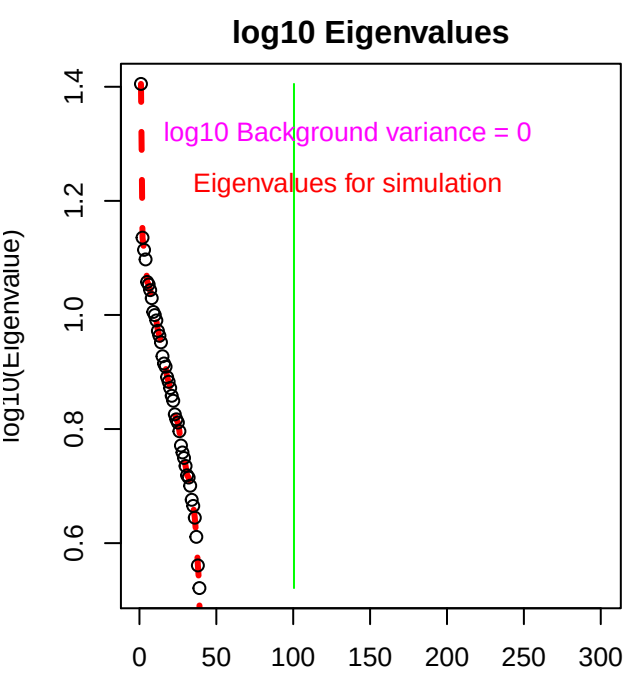
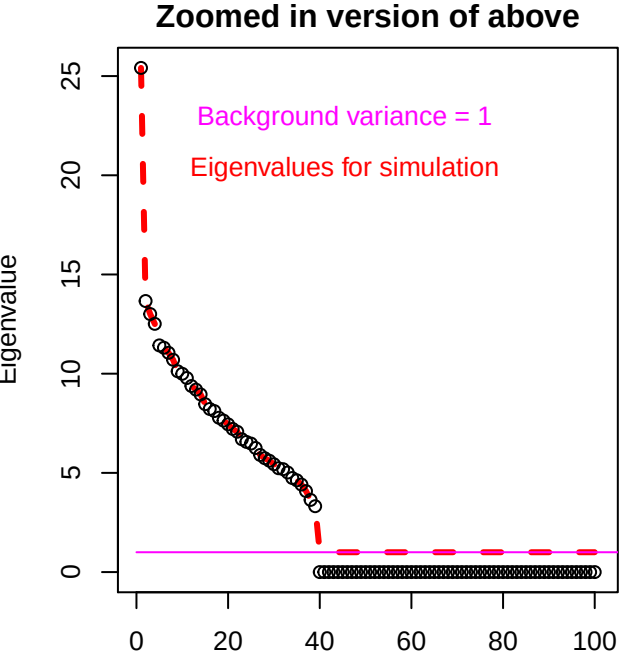
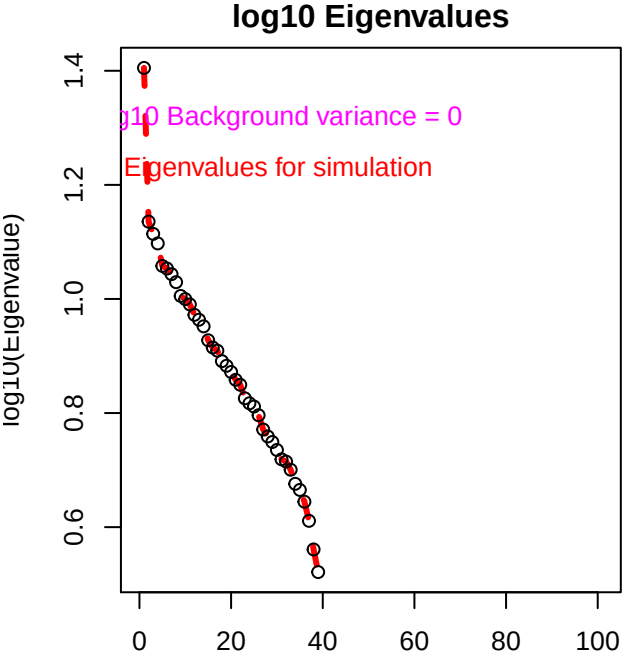

Distribution of All Pixel values combines
Overlay of 5000 of 12000 data points
Mean = 0.014 Median = 0.018
s.d. = 1.03 MAD = 1
Gaussian(0.018,1) density
Density
0.0
0.1
0.2
0.3
0.4
−5
0
5

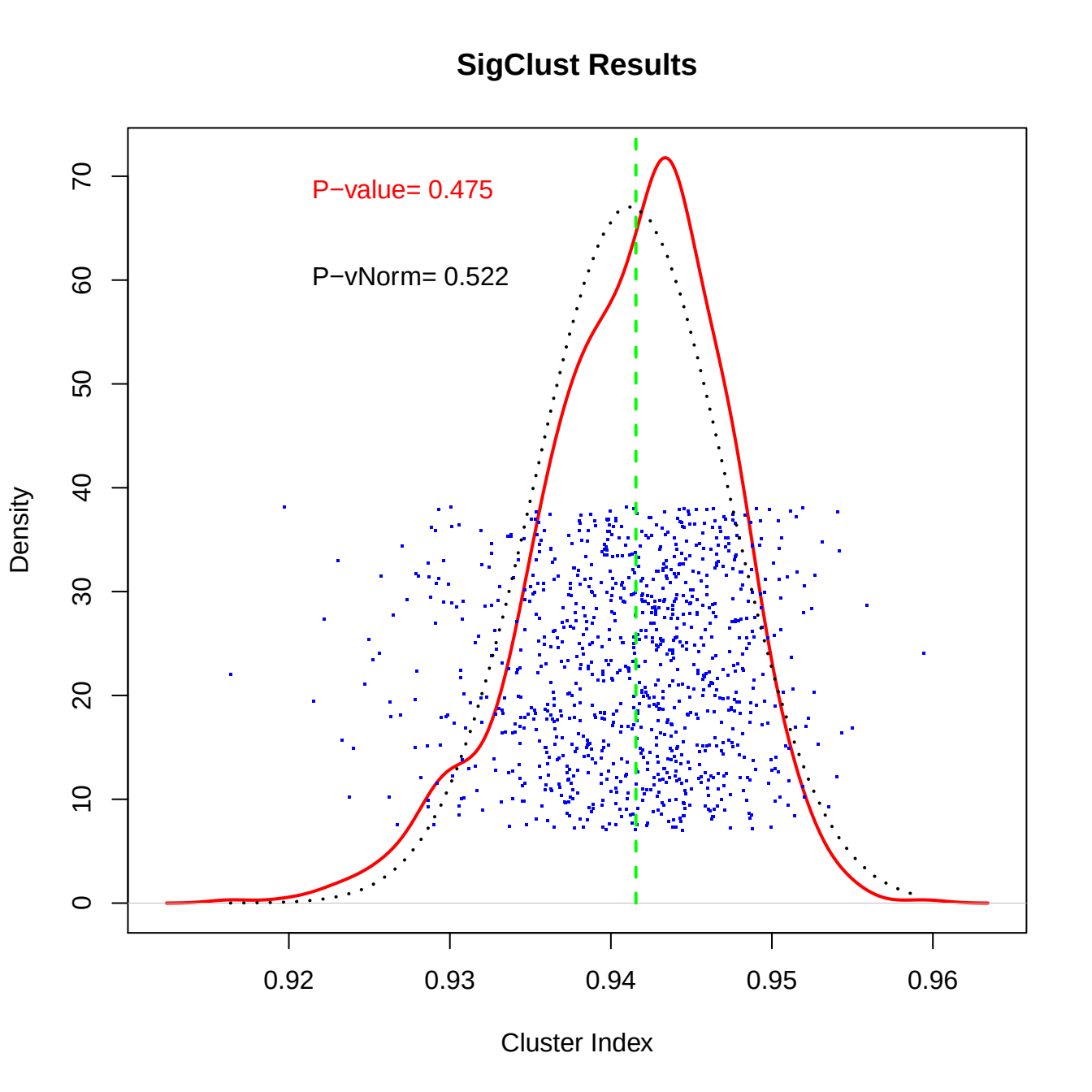

Robust Fit Gaussian Q−Q, All Pixel values
Mean = 0.014
sd = 1.03
0.75 quantile
0.5 quantile
0.25 quantile
Data Q
Gaussian Q
5
0
−5
−10
−4
−2
0
2


Eigenvalues
Background variance = 1
Eigenvalues for simulation
Eigenvalue
0
5
10
15
20
25
0
50
100
150
200
250
300


log10 Eigenvalues
log10 Background variance = 0
Eigenvalues for simulation
log10(Eigenvalue)
0.6
0.8
1.0
1.2
1.4
0
50
100
150
200
250
300


Zoomed in version of above
Background variance = 1
Eigenvalues for simulation
Eigenvalue
0
5
10
15
20
25
0
20
40
60
80
100


log10 Eigenvalues
Eigenvalues for simulation
log10(Eigenvalue)
0.6
0.8
1.0
1.2
1.4
0
20
40
60
80
100


SigClust Results
P−value= 0.475
P−vNorm= 0.522
Density
0
10
20
30
40
50
60
70
0.92
0.93
0.94
0.95
0.96
Cluster Index