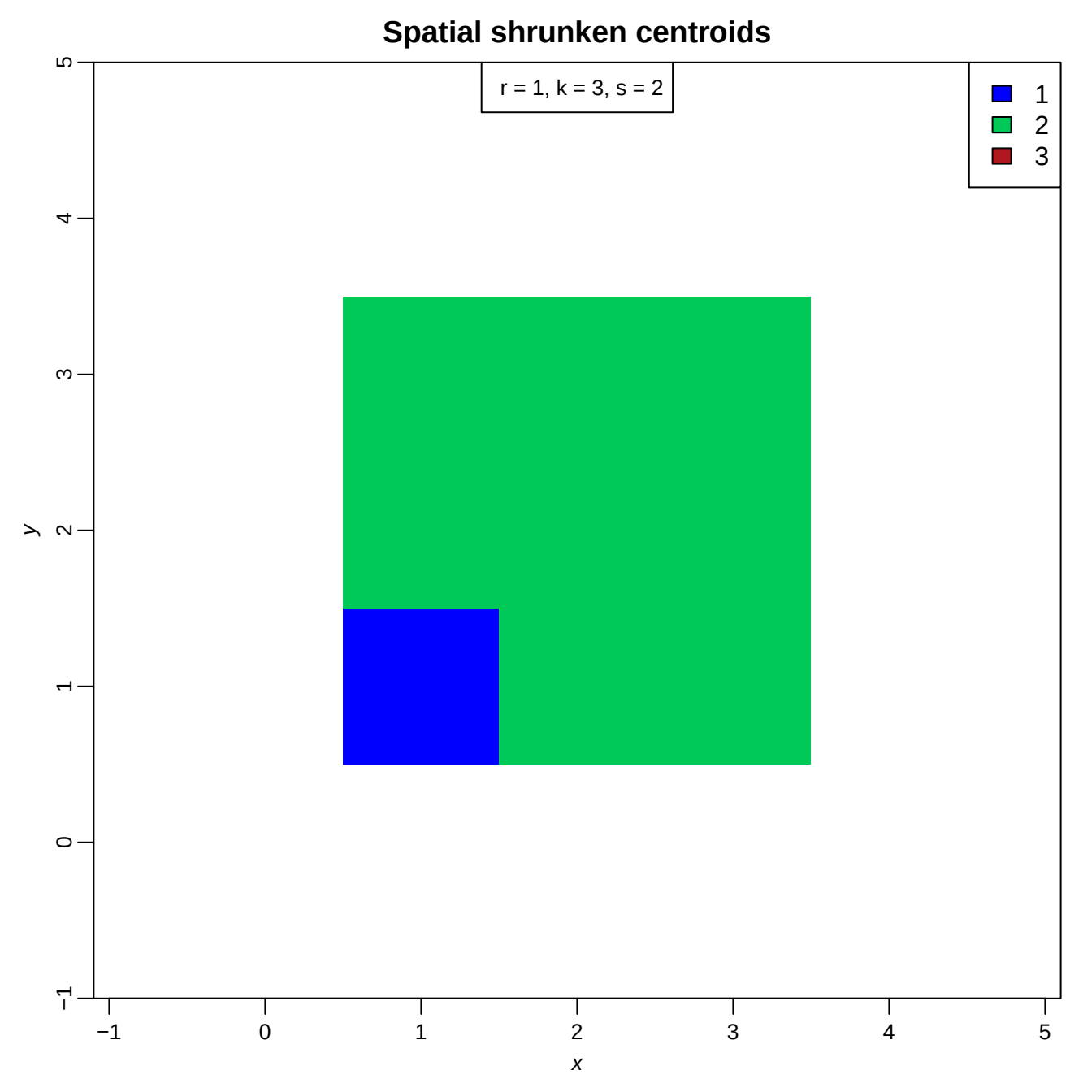
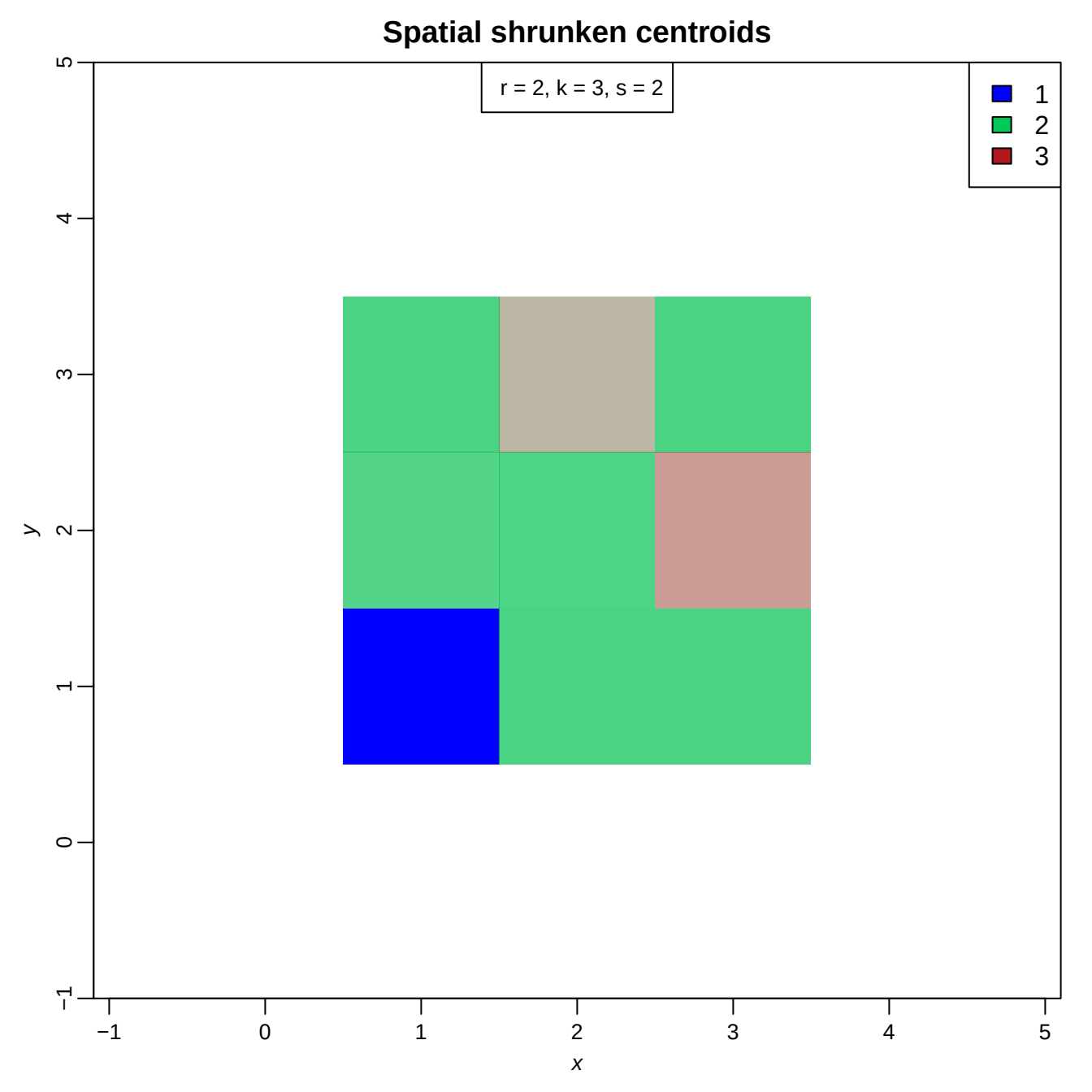
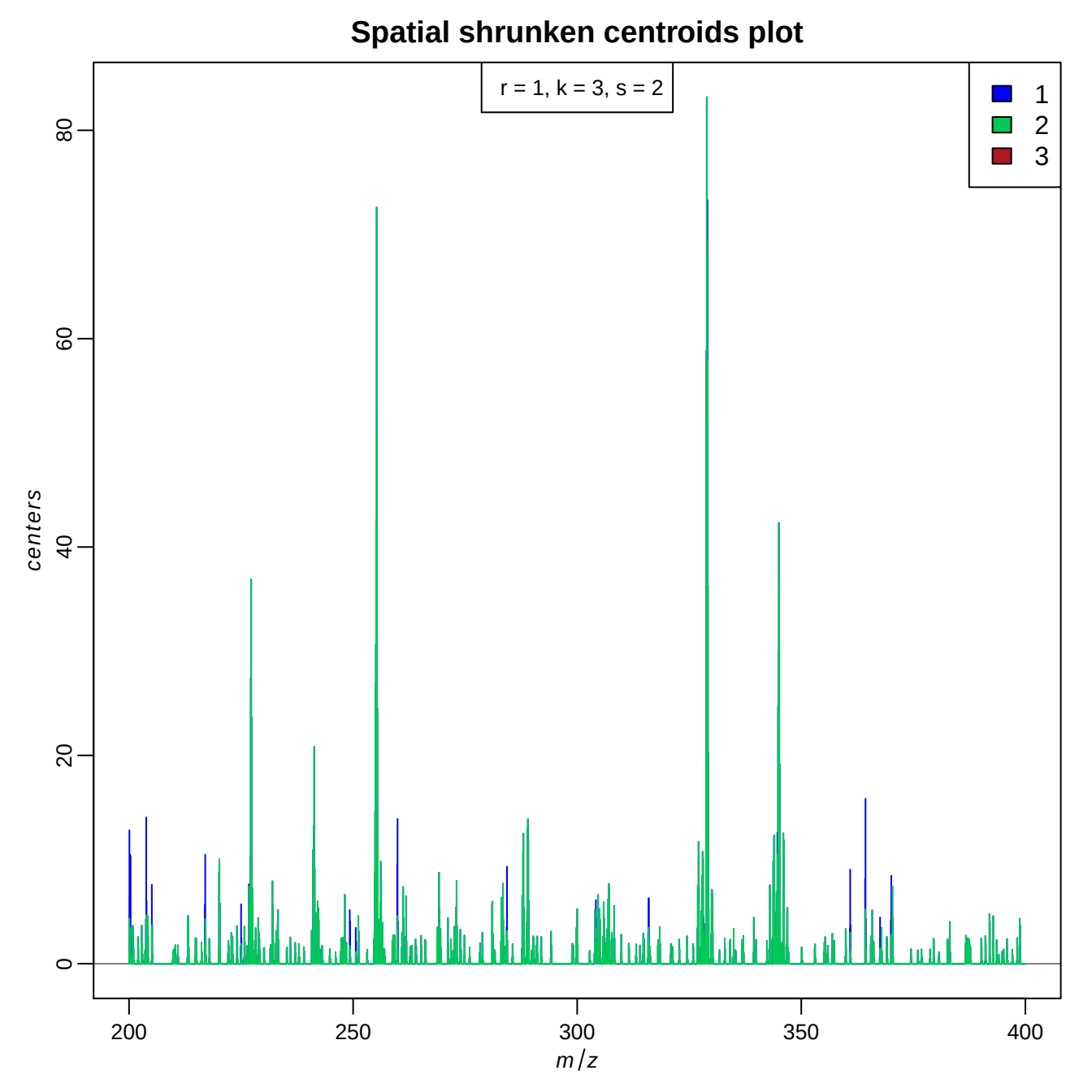
Spatial segmentation for file:

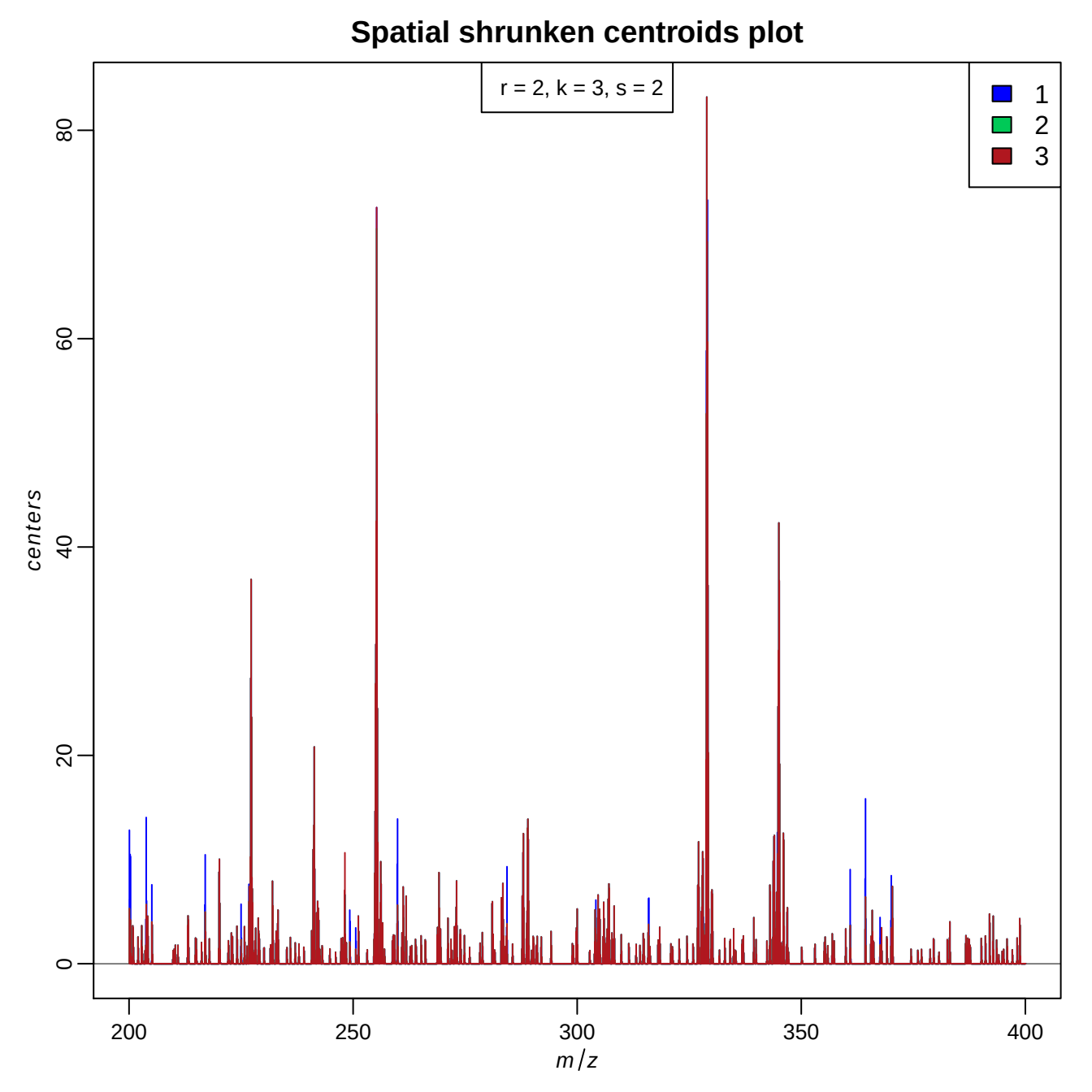
preprocessed.RData

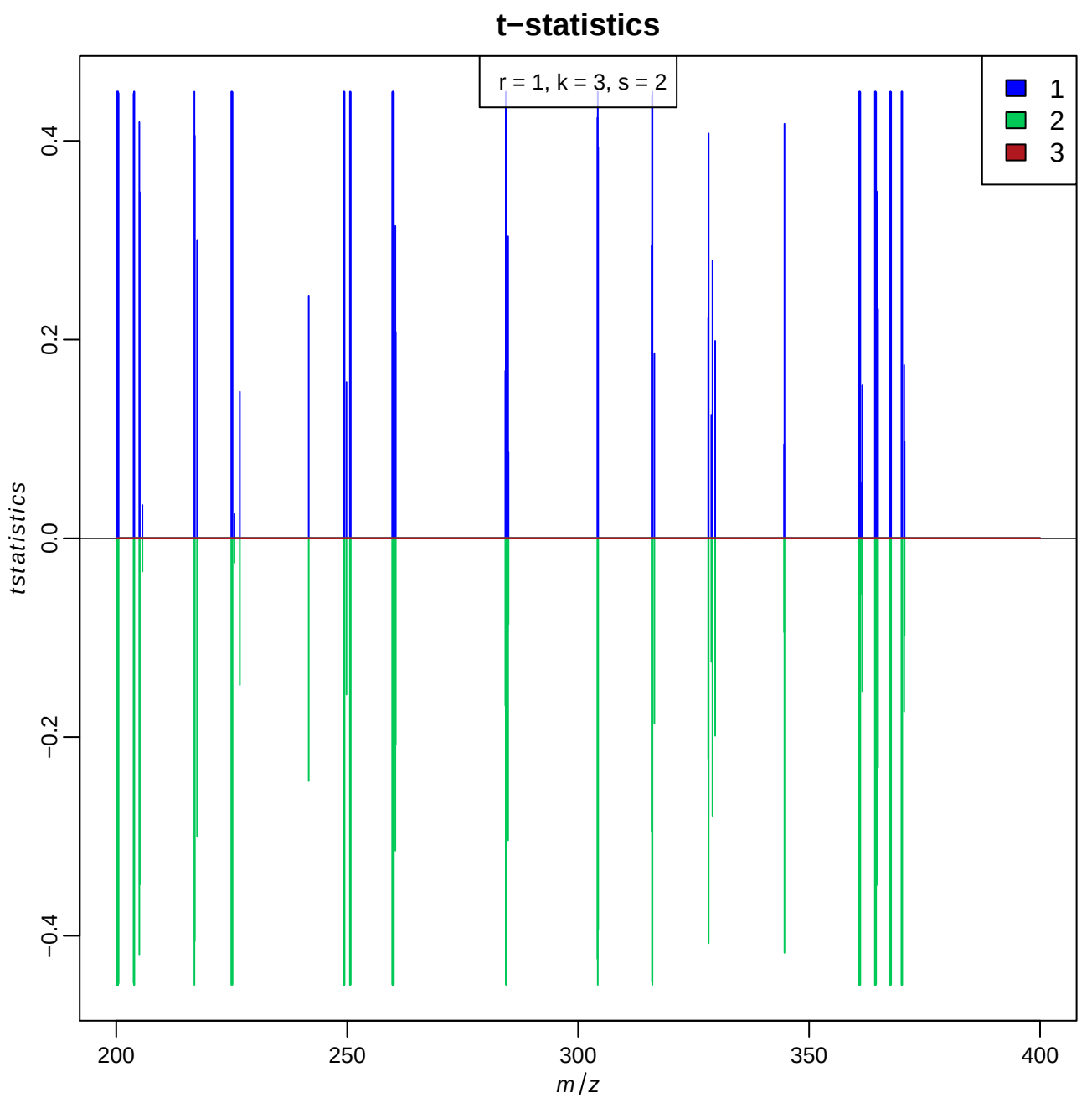
properties	values
Number of m/z features	2399
Range of m/z values	200.08 − 399.92
Number of pixels	9
Range of x coordinates	1 − 3
Range of y coordinates	1 − 3
Range of intensities	0 − 170.84
Median of intensities	0
Intensities > 0	30.96 %
Number of zero TICs	0
Preprocessing	
Normalization	tic
Smoothing	FALSE
Baseline reduction	FALSE
Peak picking	FALSE
Centroided	FALSE

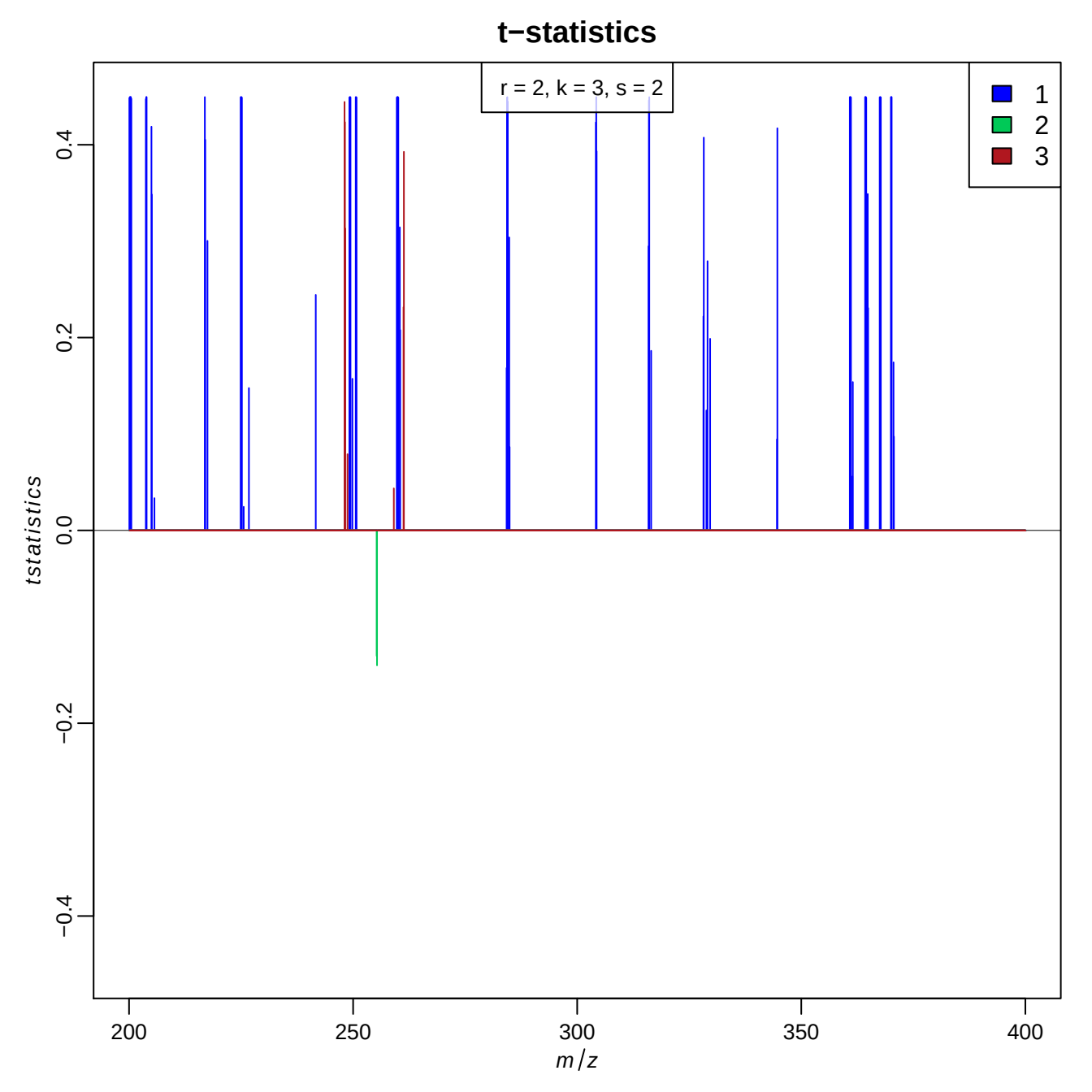

Spatial shrunken centroids
r = 1, k = 3, s = 2
1
2
3
y
x
−1
0
1
2
3
4
5

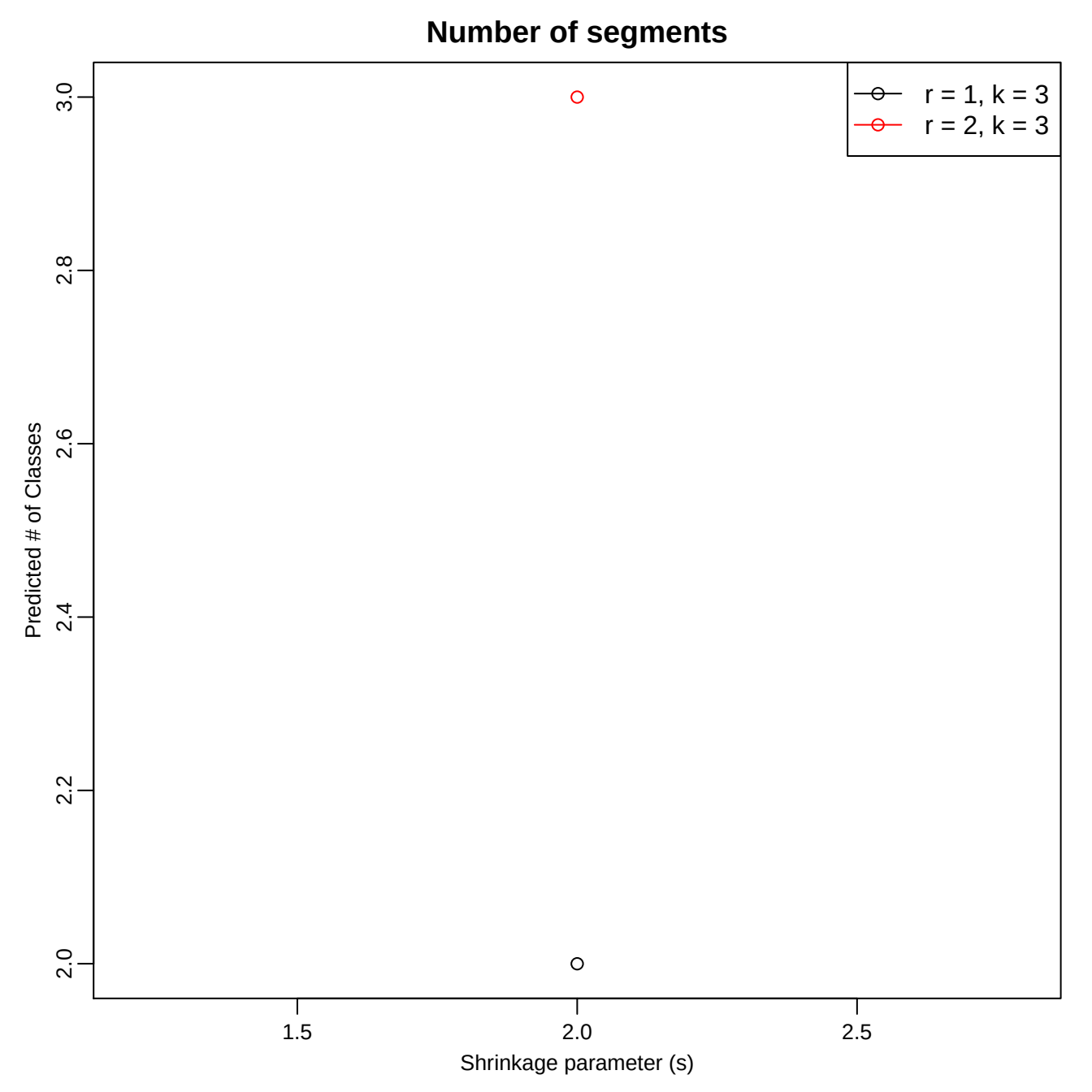

Spatial shrunken centroids
r = 2, k = 3, s = 2
1
2
3
y
x
−1
0
1
2
3
4
5


Spatial shrunken centroids plot
r = 1, k = 3, s = 2
1
2
3
centers
0
20
40
60
80
200
250
300
350
400
m/z


Spatial shrunken centroids plot
r = 2, k = 3, s = 2
1
2
3
centers
0
20
40
60
80
200
250
300
350
400
m/z


t−statistics
r = 1, k = 3, s = 2
1
2
3
0.4
0.2
0.0
−0.2
−0.4
tstatistics
200
250
300
350
400
m/z


t−statistics
r = 2, k = 3, s = 2
1
2
3
tstatistics
0.4
0.2
0.0
−0.2
−0.4
200
250
300
350
400
m/z


Number of segments
r = 1, k = 3
r = 2, k = 3
Predicted # of Classes
3.0
2.8
2.6
2.4
2.2
2.0
1.5
2.0
2.5
Shrinkage parameter (s)