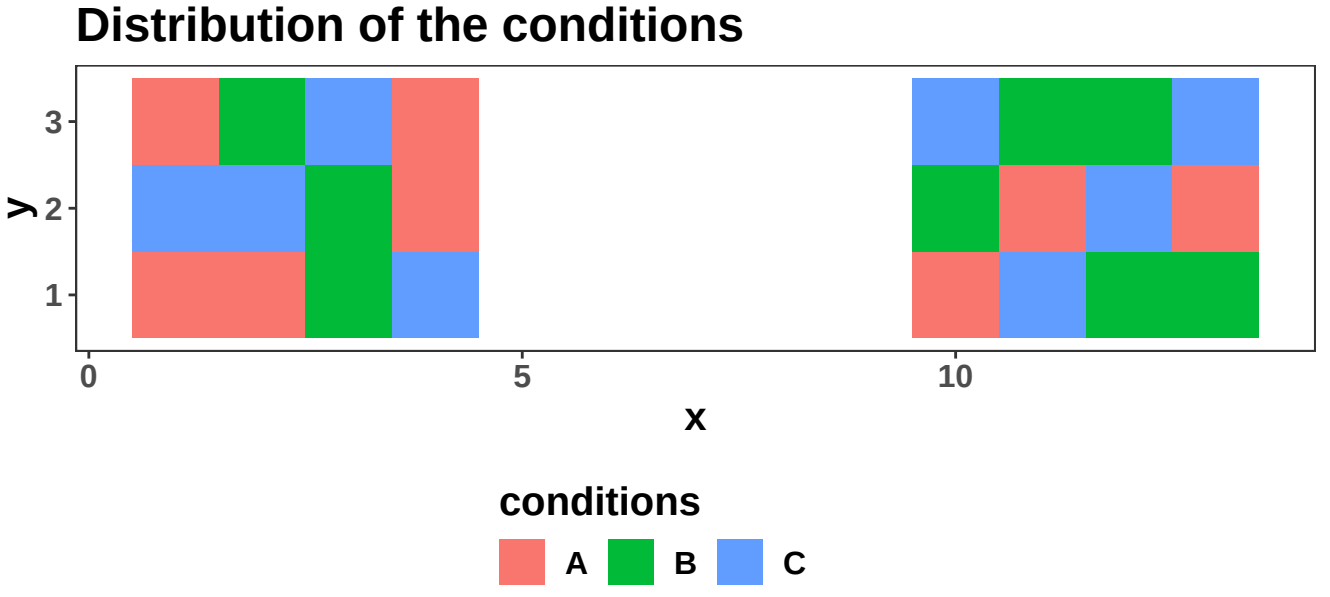
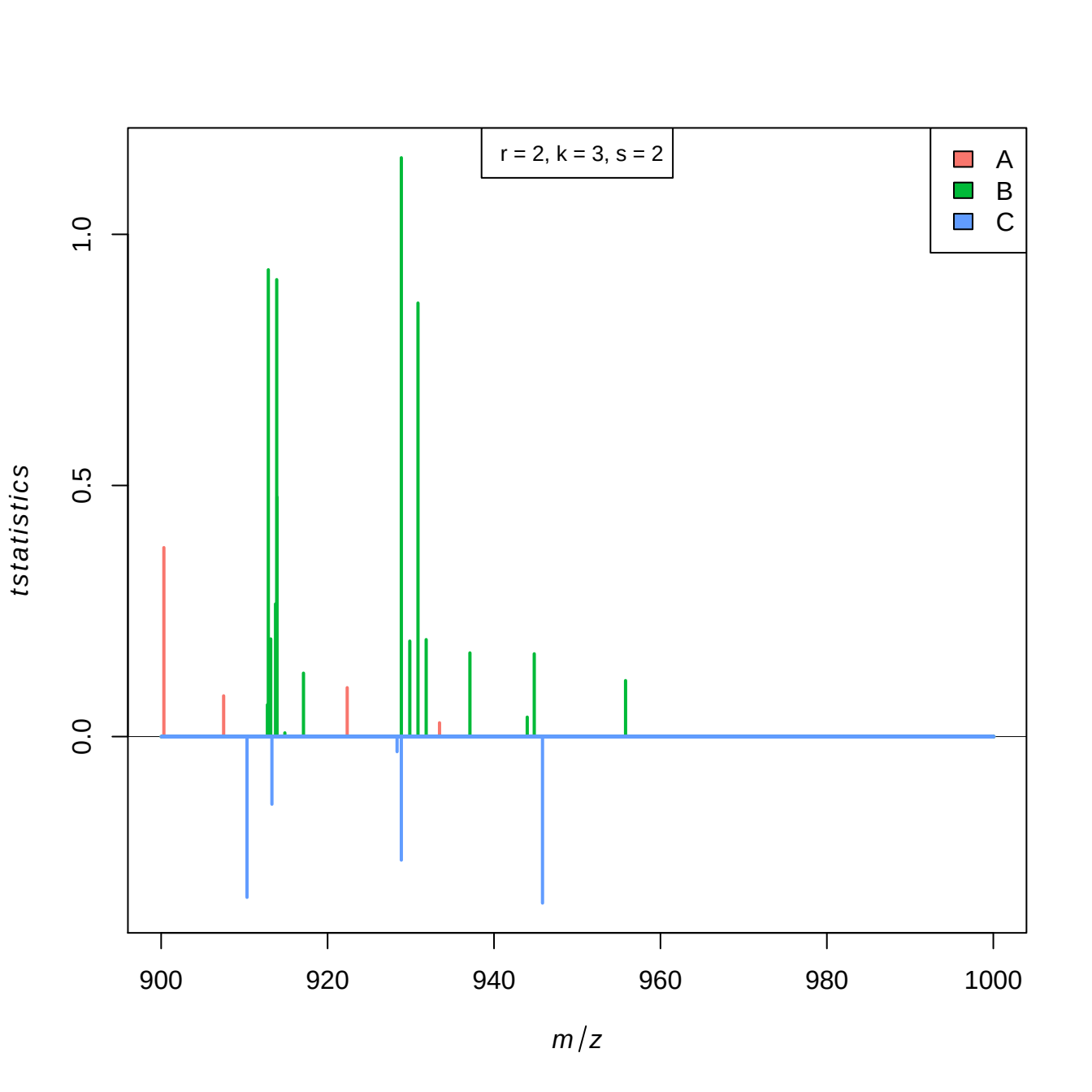
spatialShrunkenCentroids for file:

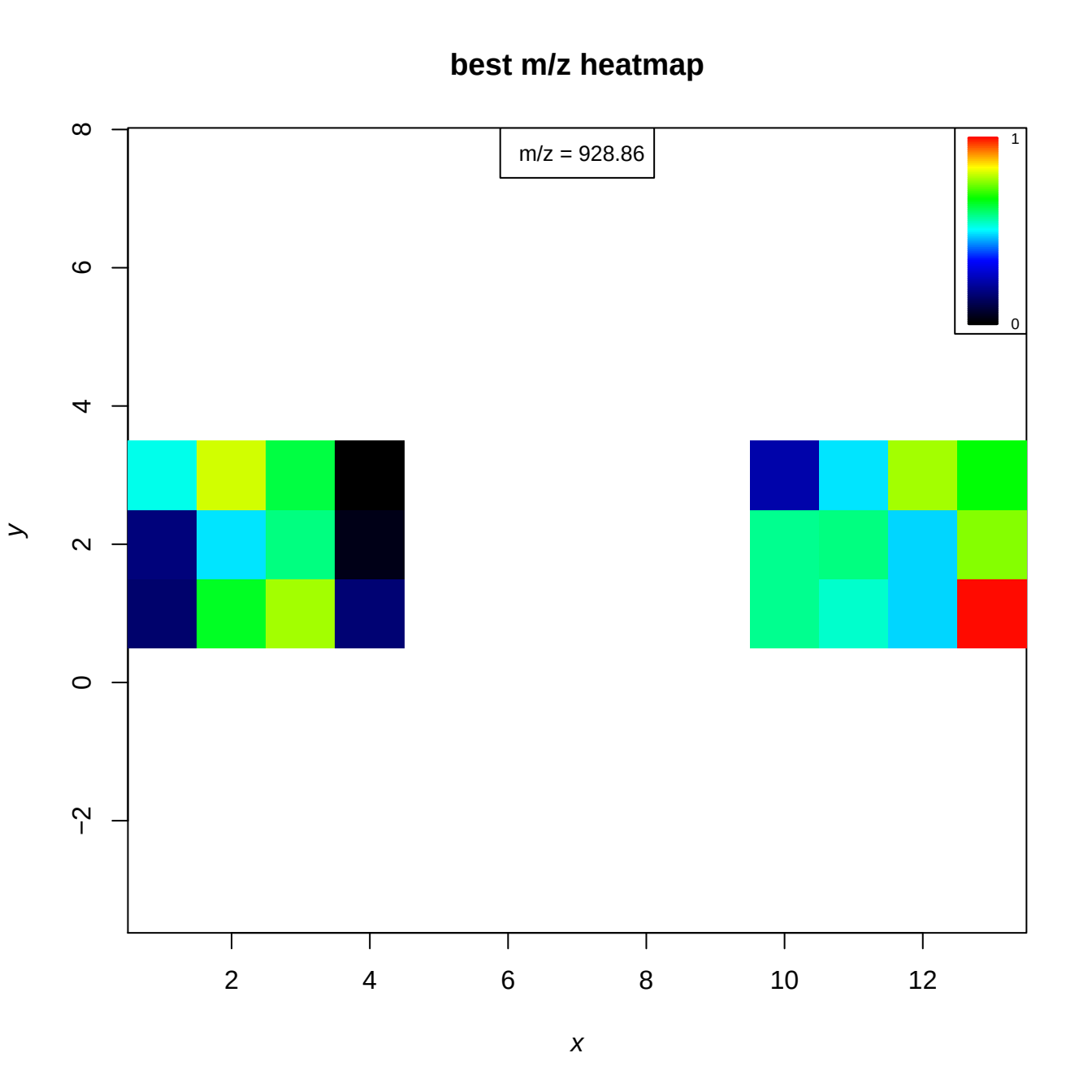
testfile_squares.rdata

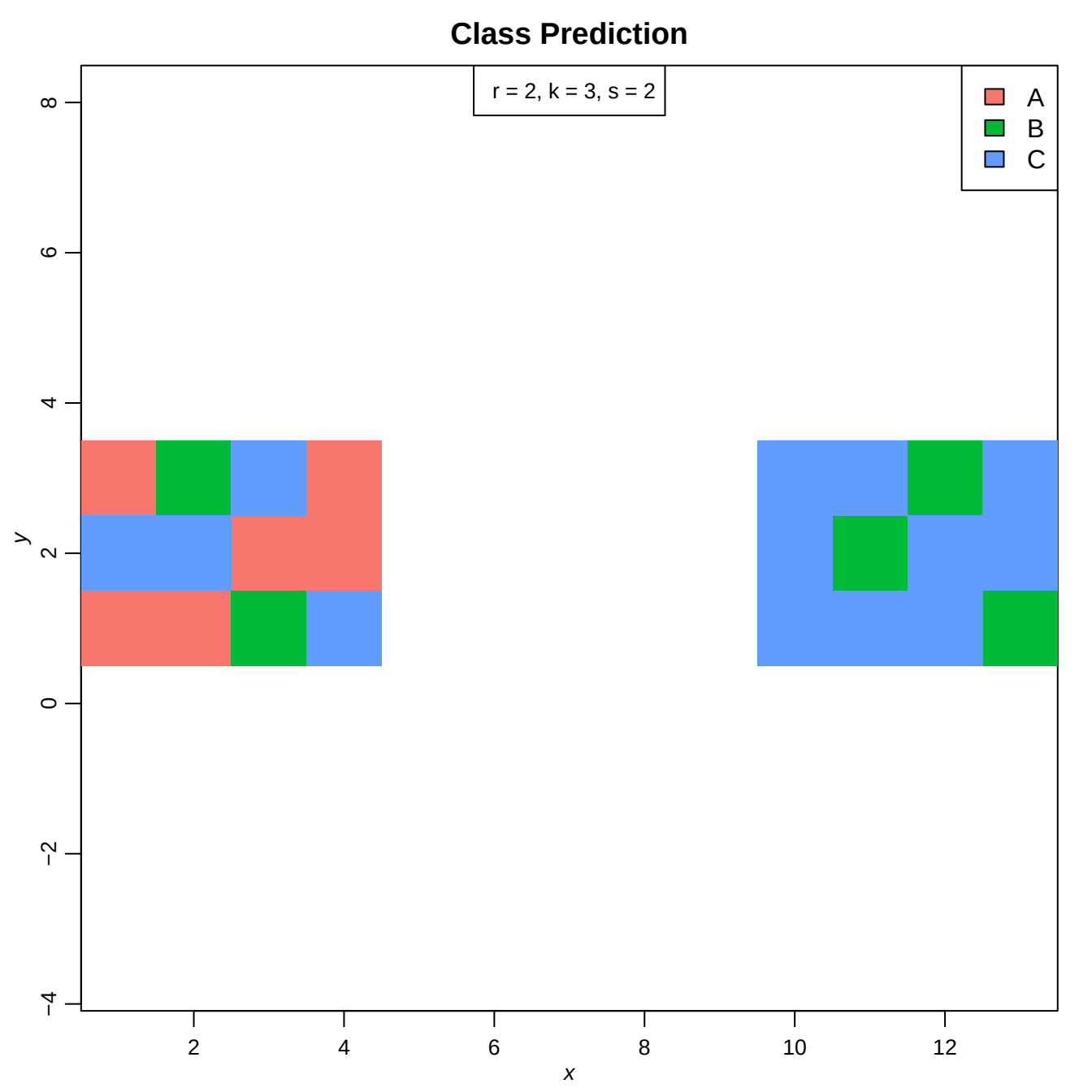
properties	values
Number of m/z features	2718
Range of m/z values	900 − 999.98
Number of pixels	24
Range of x coordinates	1 − 13
Range of y coordinates	1 − 3
Range of intensities	0 − 168
Number of NA intensities	0
Number of Inf intensities	0
Number of duplicated coordinates	0

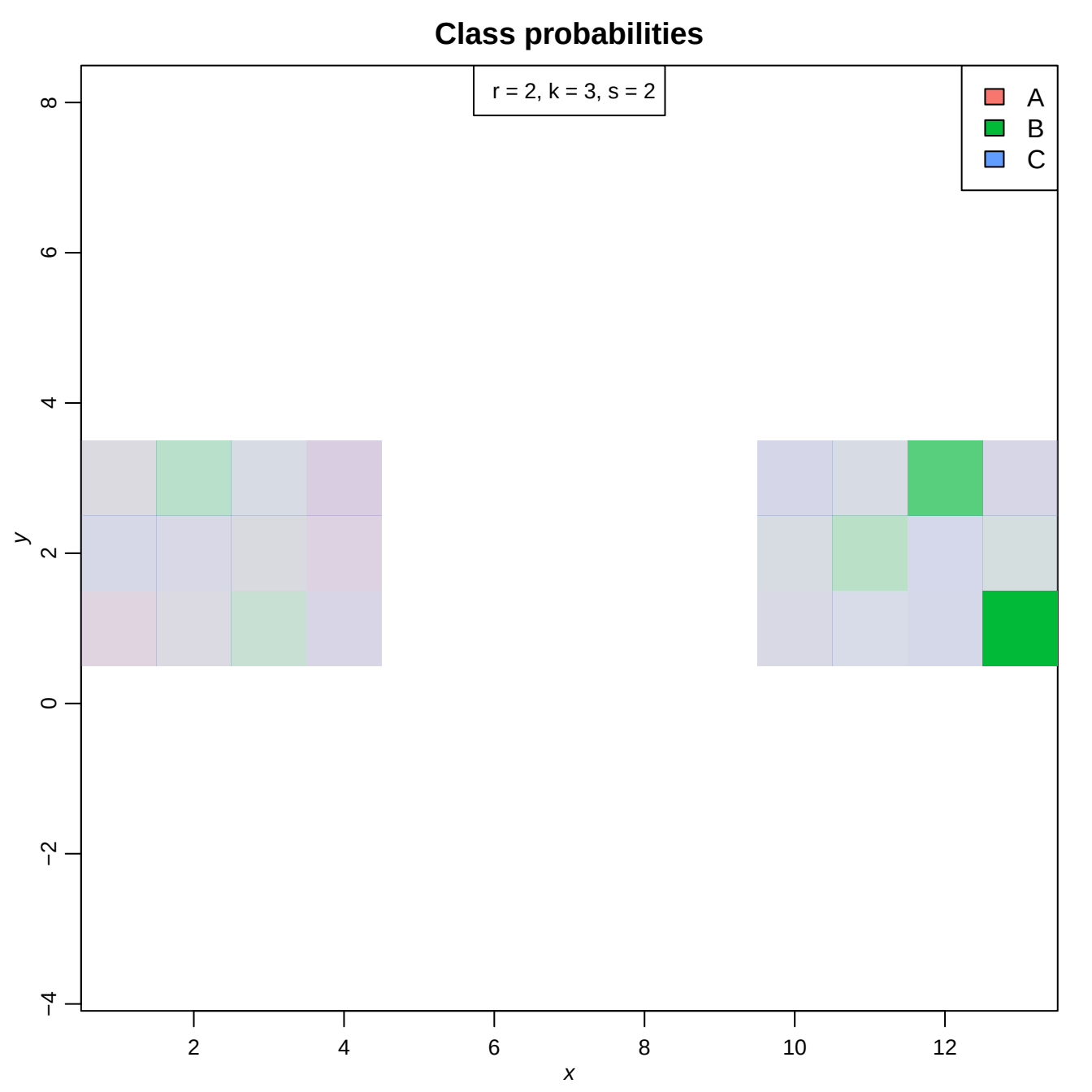

Distribution of the conditions
y
3
2
1
0
5
10
x
conditions
A
B
C

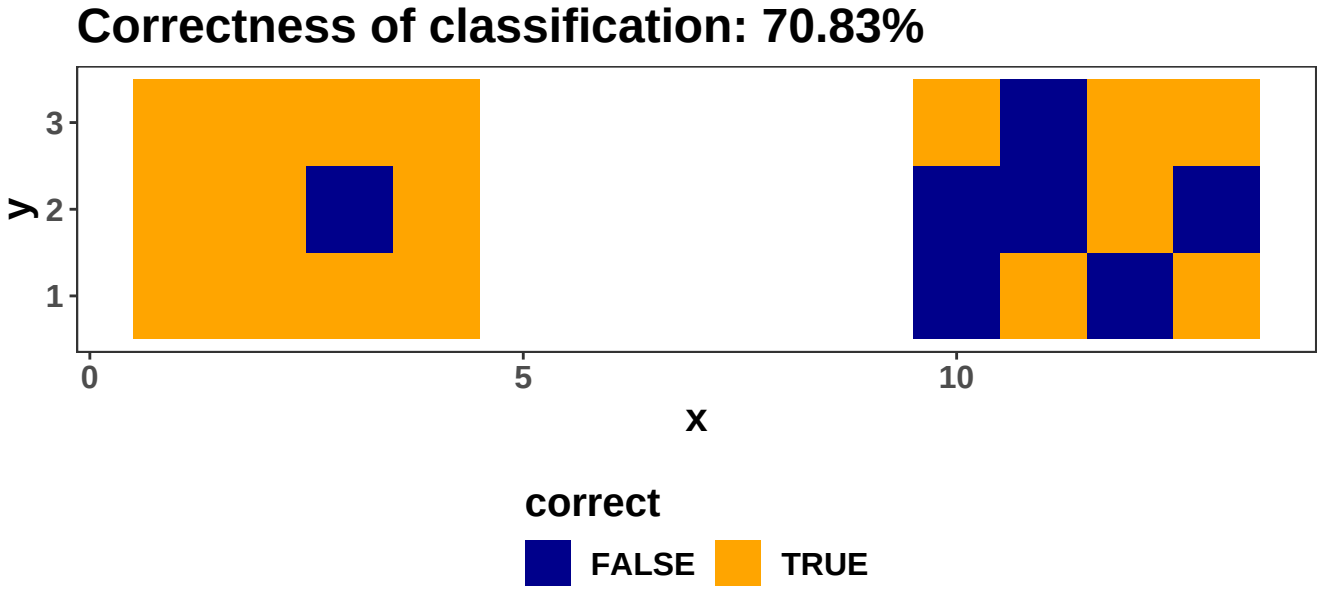

r = 2, k = 3, s = 2
A
B
C
tstatistics
1.0
0.5
0.0
900
920
940
960
980
1000
m/z

r = 2, k = 3, s = 2	Accuracy	Sensitivity	Specificity	FDR
A	0.83	0.62	0.94	0.17
B	0.79	0.5	0.94	0.2
C	0.79	1	0.69	0.38


best m/z heatmap
m/z = 928.86
1
0
8
6
4
2
0
−2
y
2
4
6
8
10
12
x


Class Prediction
r = 2, k = 3, s = 2
A
B
C
y
8
6
4
2
0
−2
−4
x
2
4
6
8
10
12


Class probabilities
r = 2, k = 3, s = 2
A
B
C
y
x
8
6
4
2
0
−2
−4
2
4
6
8
10
12


Correctness of classification: 70.83%
y
3
2
1
0
5
10
x
correct
FALSE
TRUE