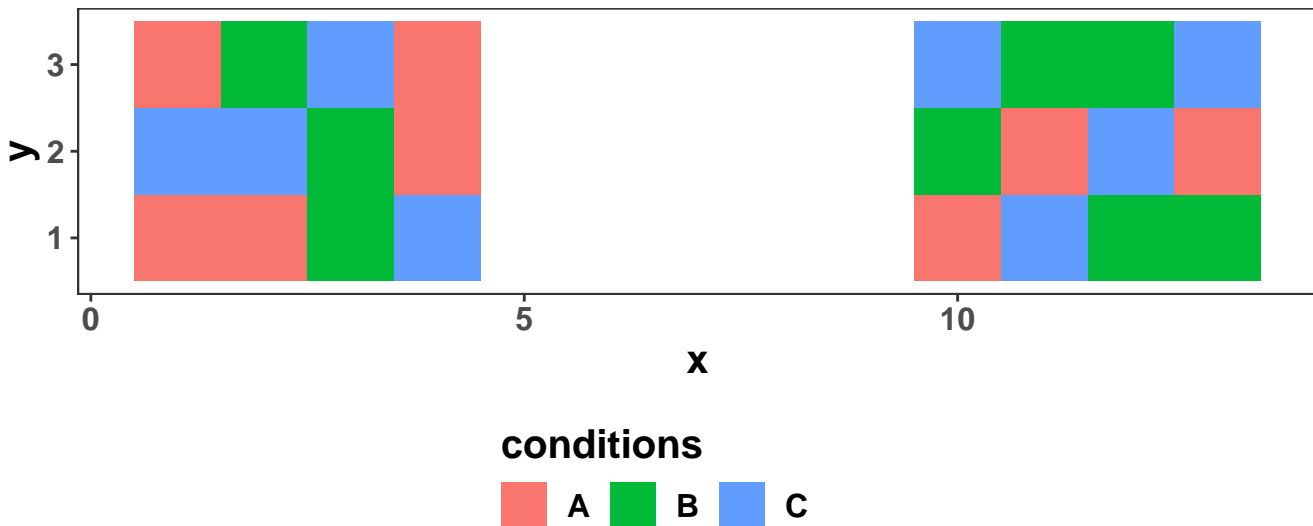


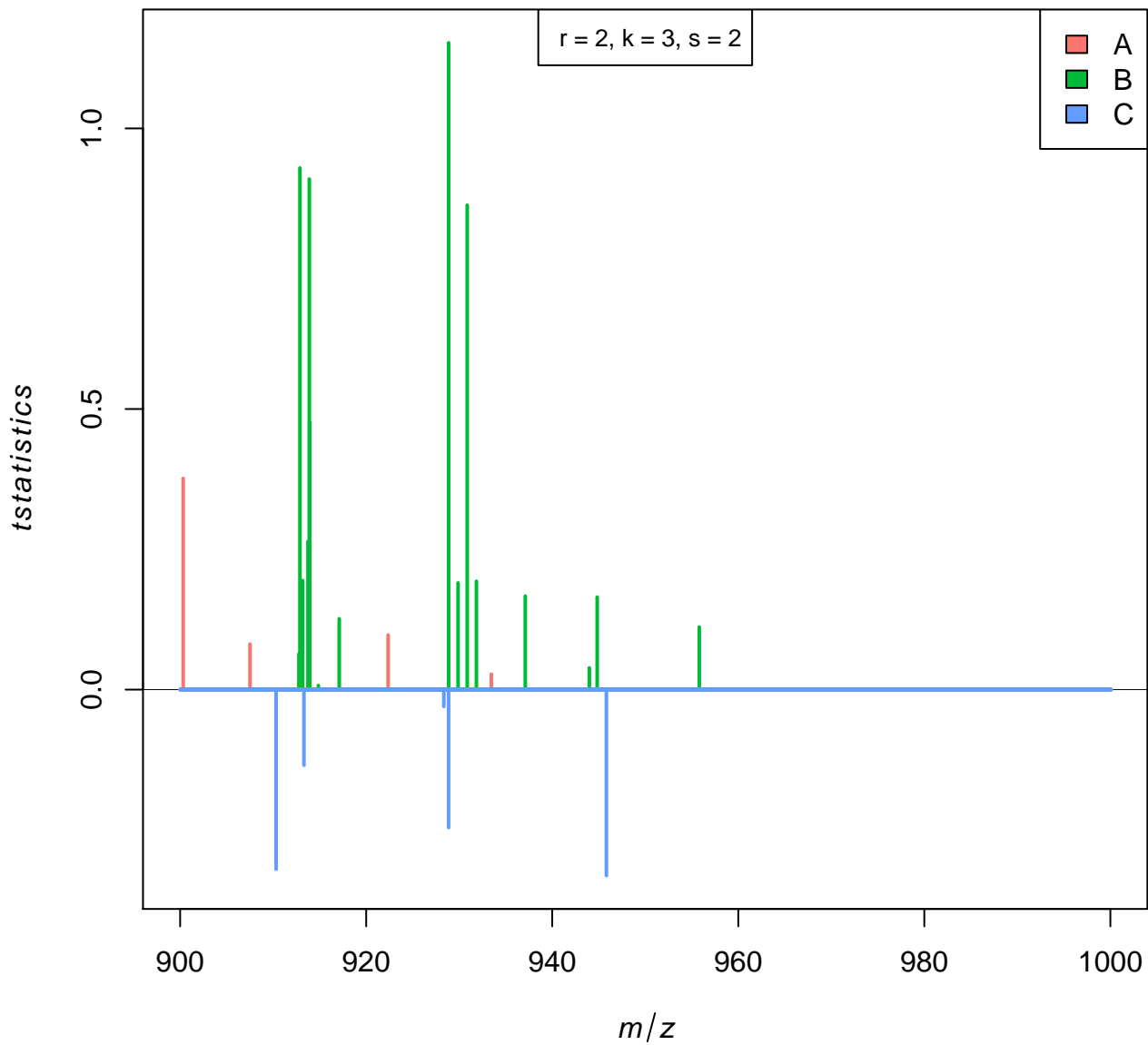
## spatialShrunkenCentroids for file:

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            |

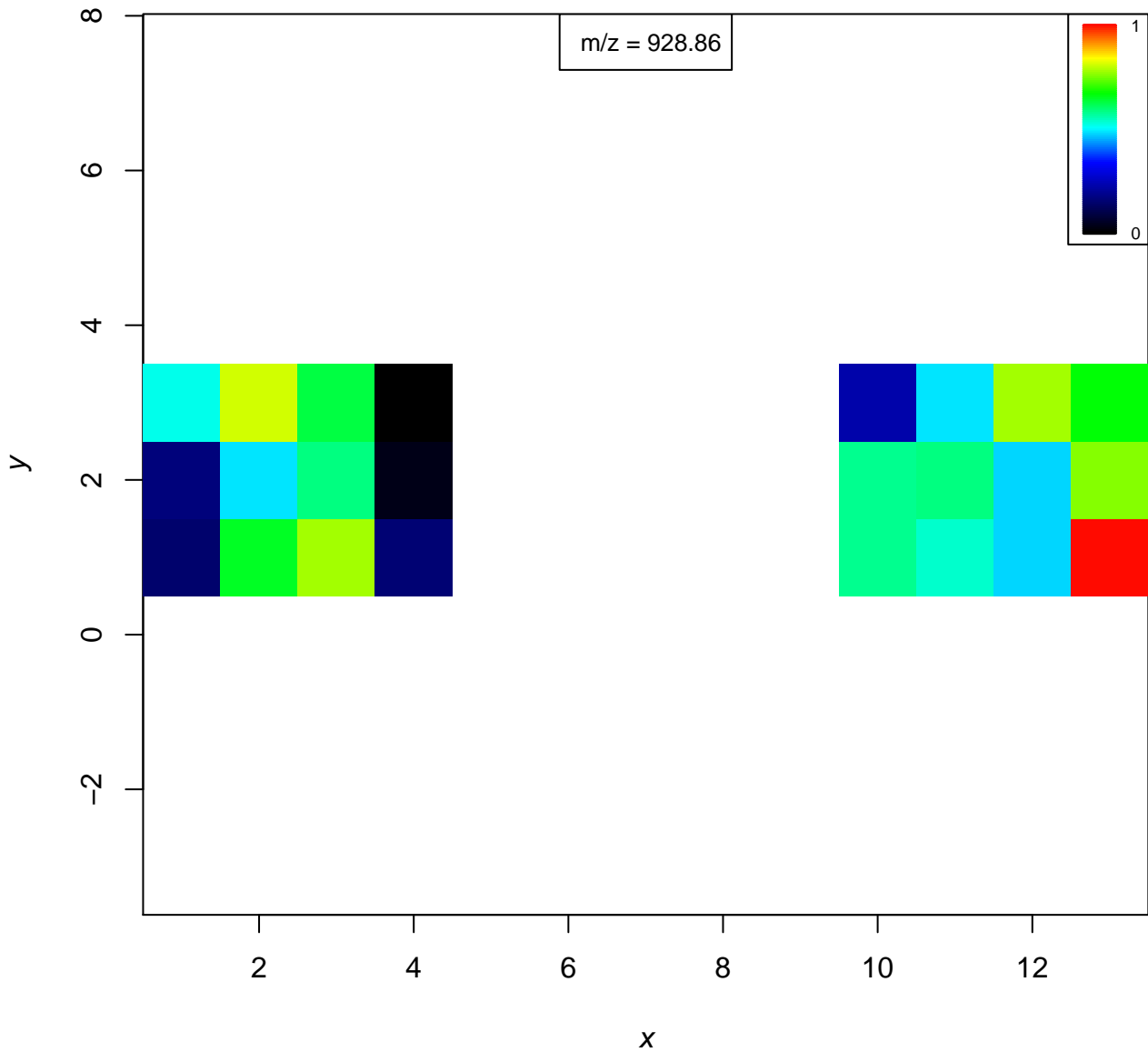
## Distribution of the conditions





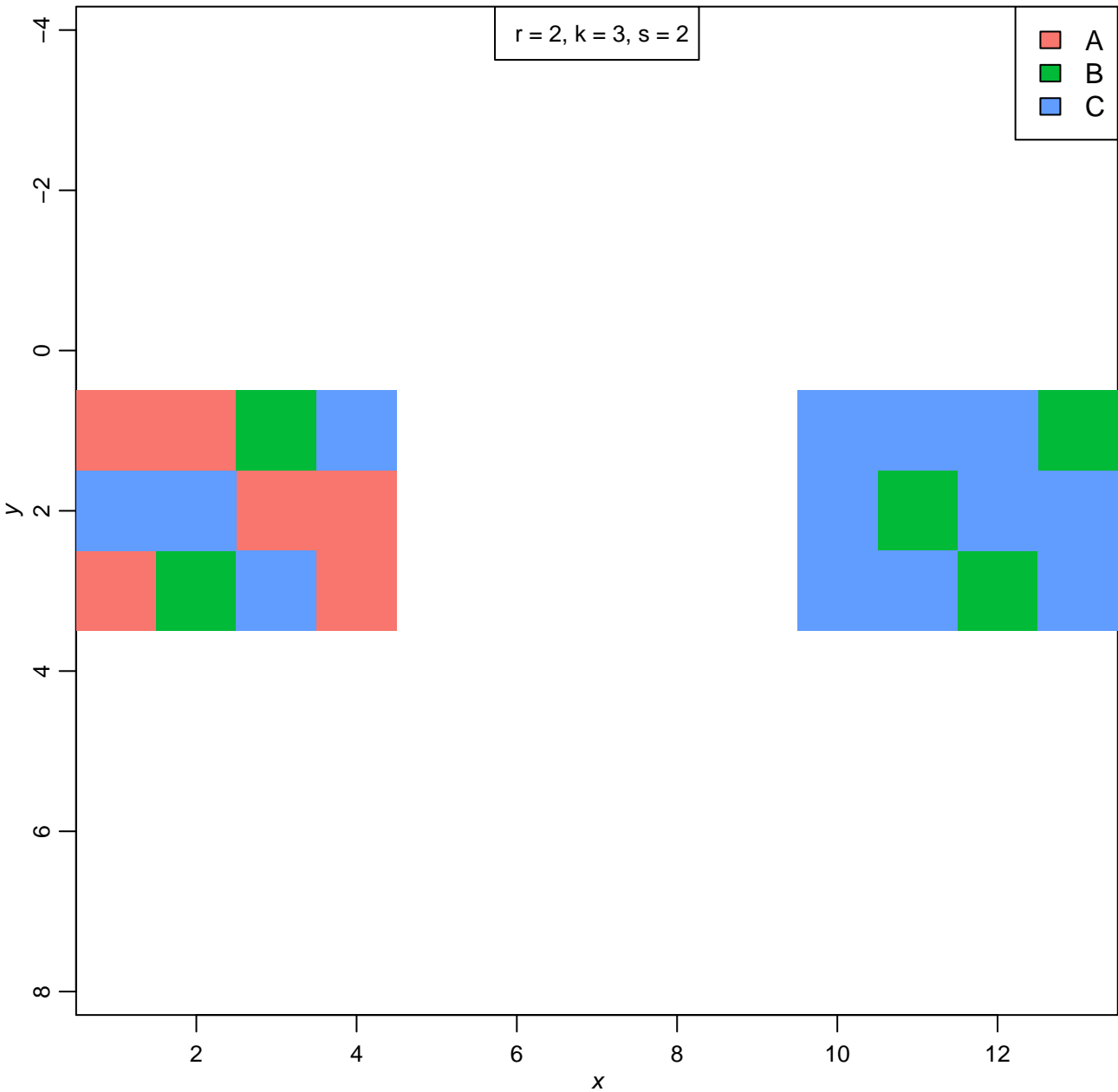
| $r = 2, k = 3, s = 2$ | Accuracy | Sensitivity | Specificity | FDR  |
|-----------------------|----------|-------------|-------------|------|
| A                     | 0.83     | 0.62        | 0.94        | 0.17 |
| B                     | 0.79     | 0.5         | 0.94        | 0.2  |
| C         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

# best m/z heatmap



# Class Prediction

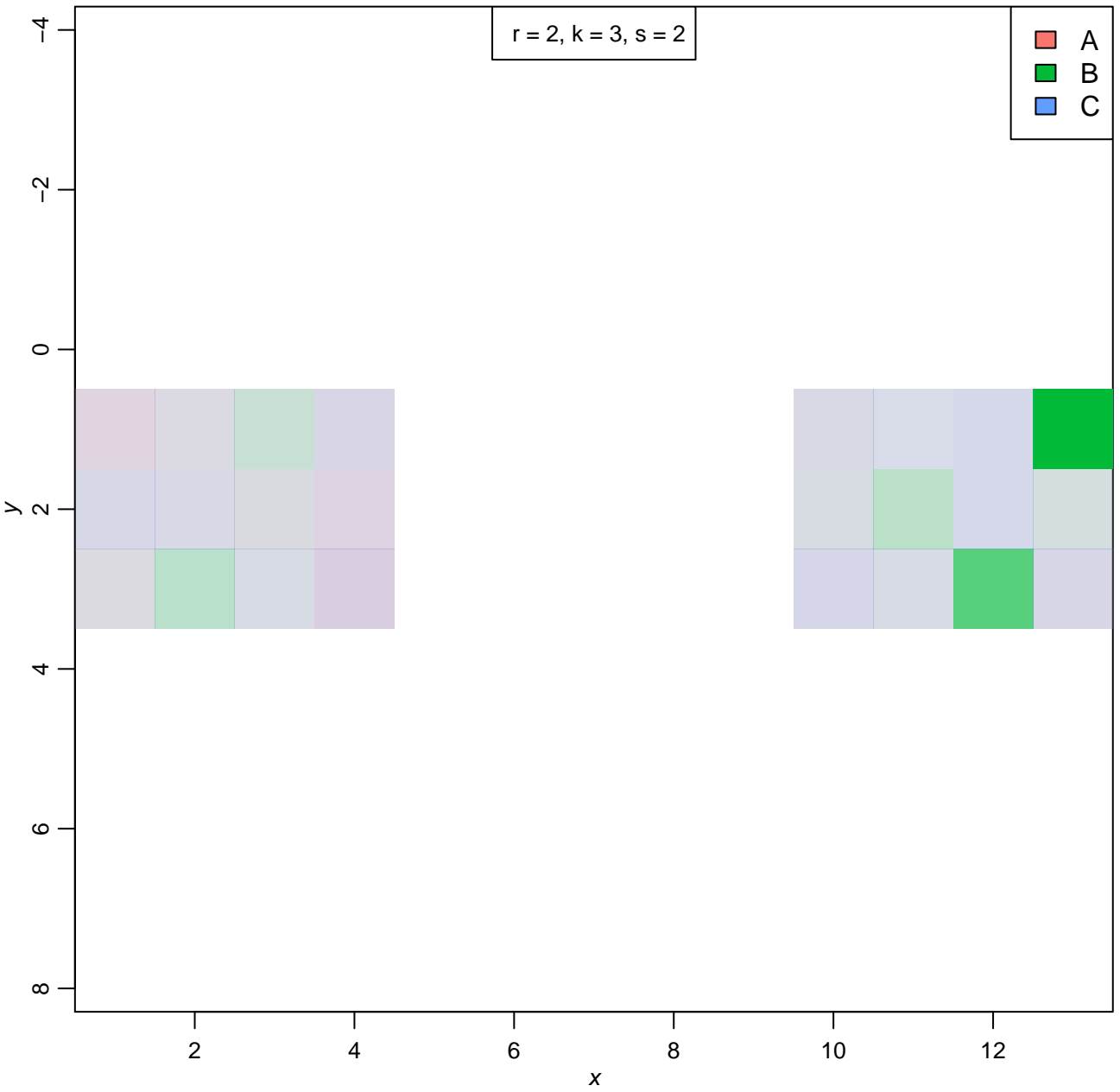
$r = 2, k = 3, s = 2$



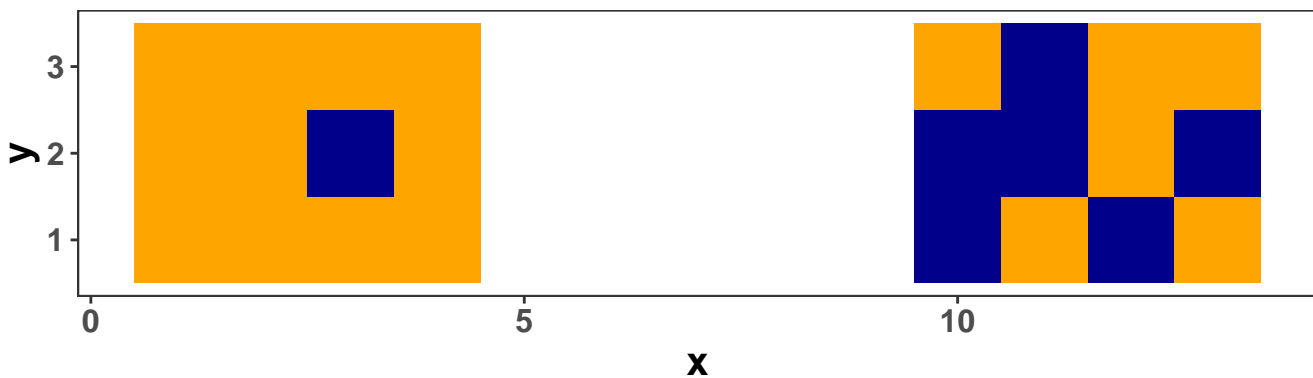
# Class probabilities

$r = 2, k = 3, s = 2$

- A
- B
- C



**Correctness of classification: 70.83%**



**correct**



**FALSE**



**TRUE**