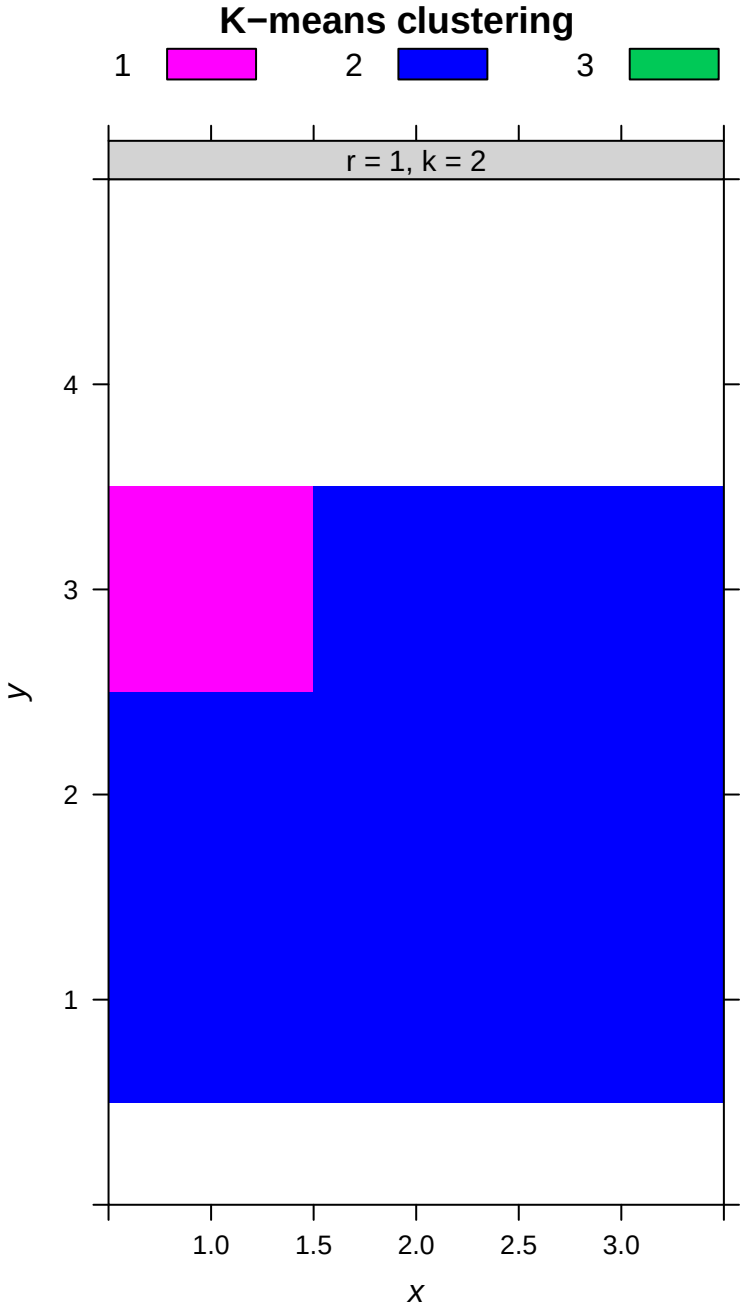
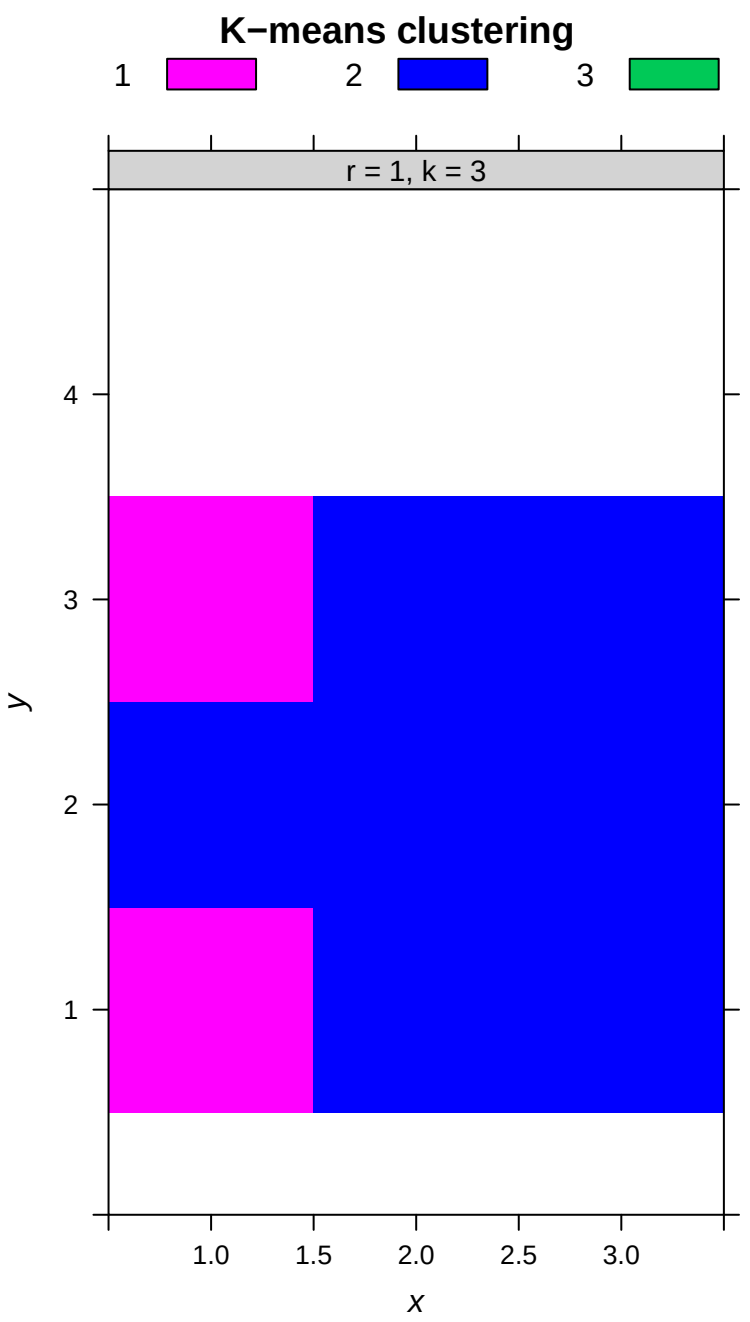
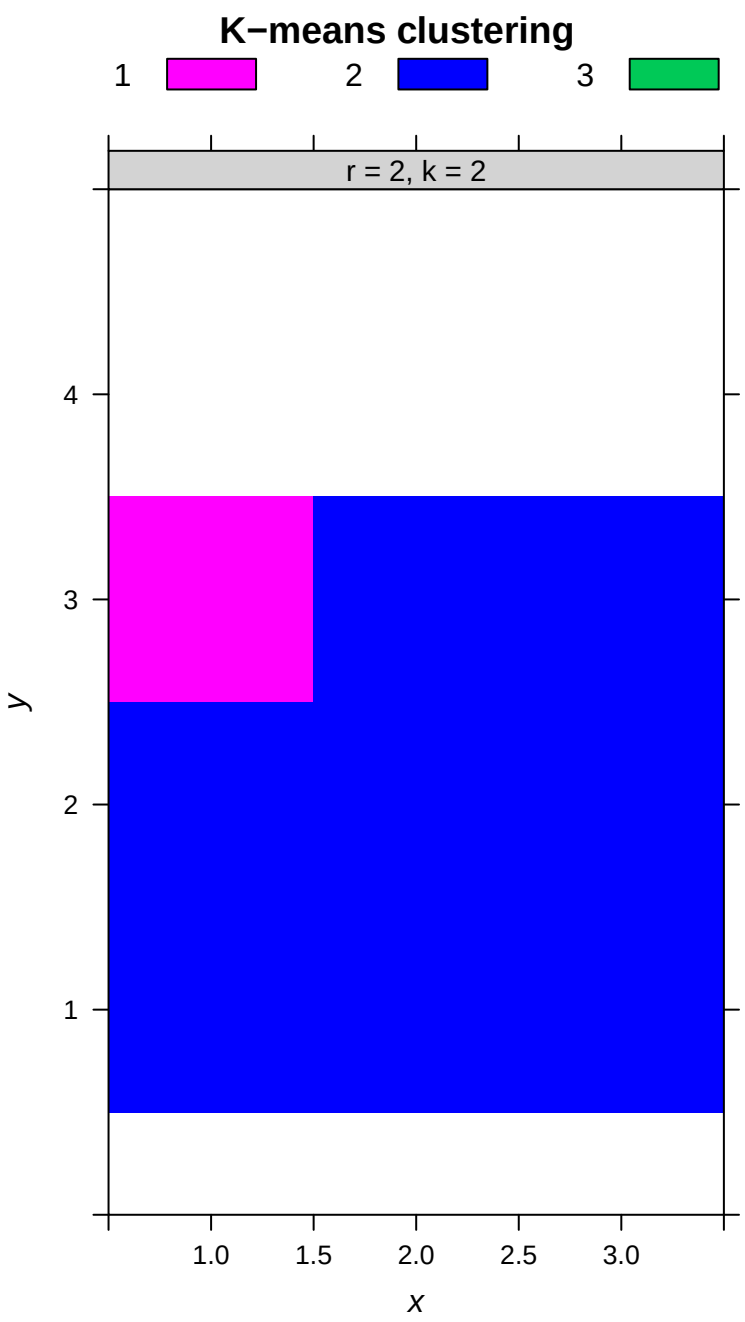
Spatial segmentation for file:

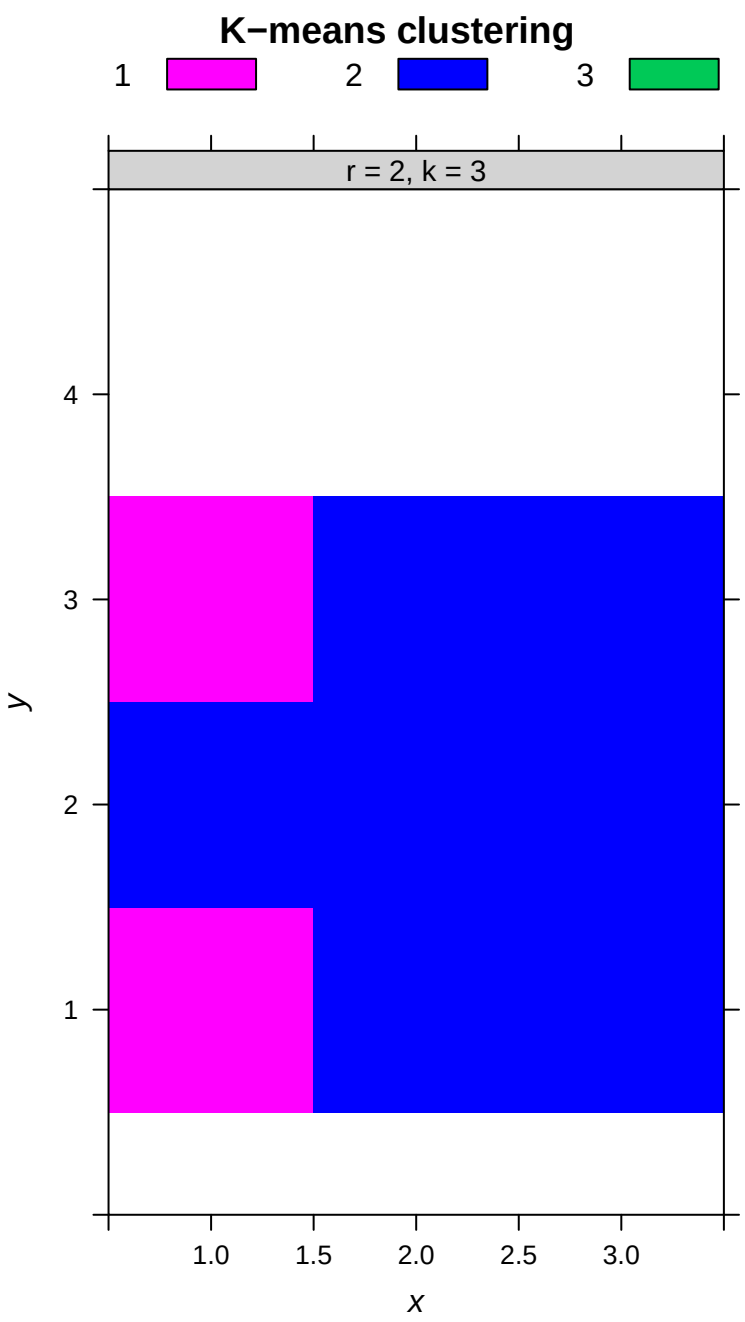
Uploaded Composite Dataset (analyze75)

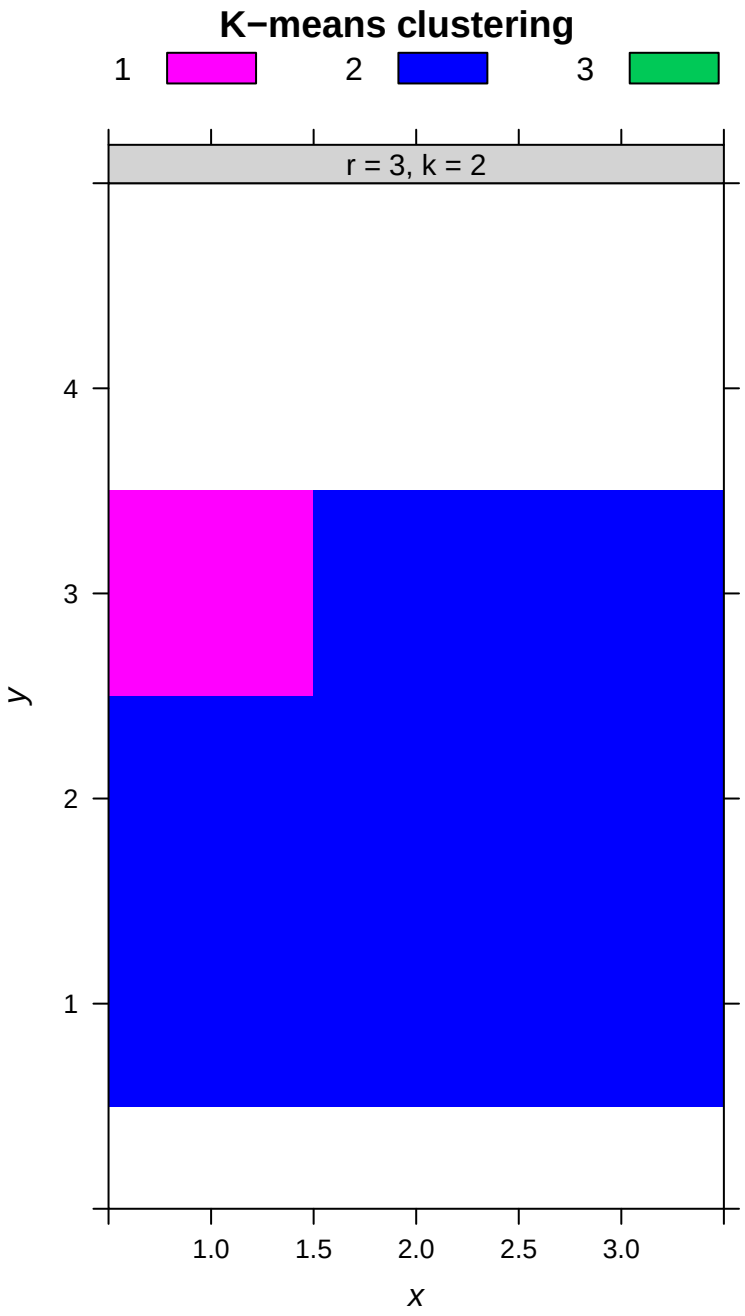
properties	values
Number of mz features	58031
Range of mz values [Da]	699.75 − 1916.29
Number of pixels	9
Range of x coordinates	1 − 3
Range of y coordinates	1 − 3
Range of intensities	0 − 146
Median of intensities	0
Intensities > 0	28.02 %
Number of zero TICs	0
Preprocessing	
Normalization	FALSE
Smoothing	FALSE
Baseline reduction	FALSE
Peak picking	FALSE
Centroided	FALSE

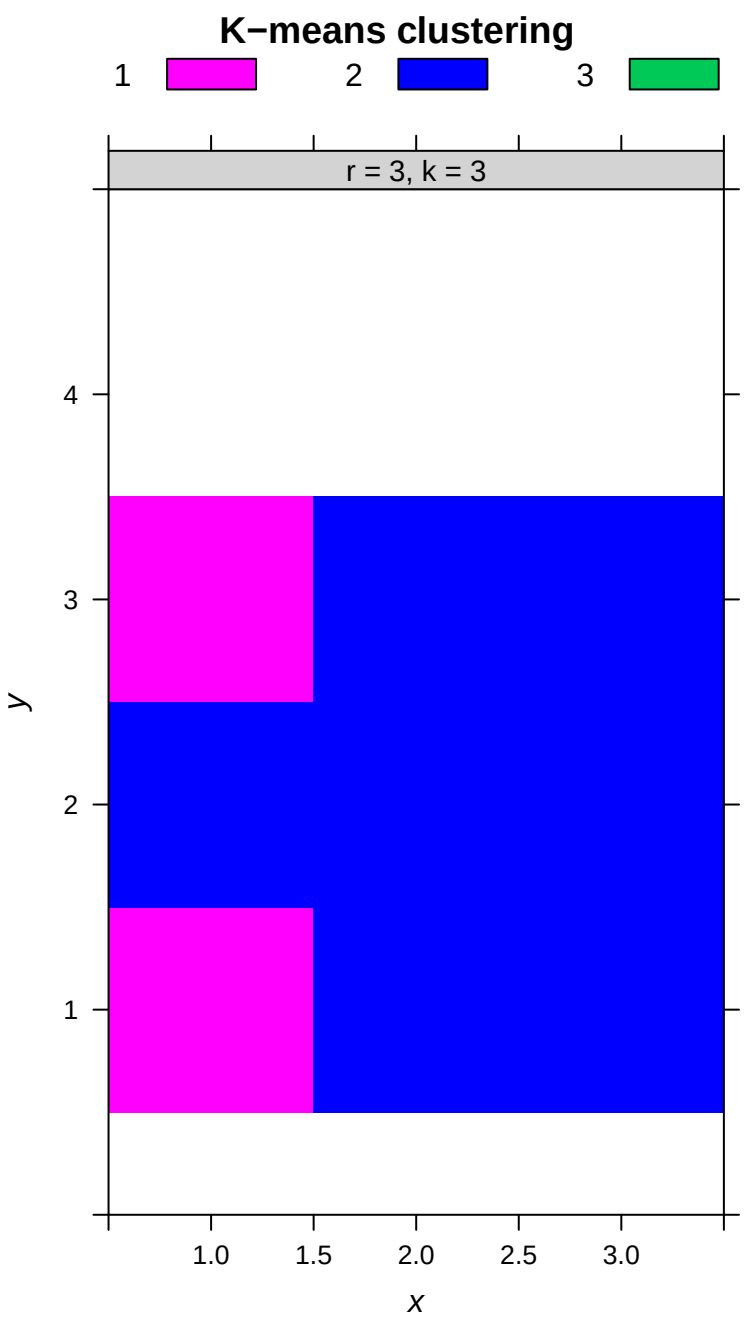

K−means clustering
1
2
3
r = 1, k = 2
4
3
2
1
y
1.0
1.5
2.0
2.5
3.0
x

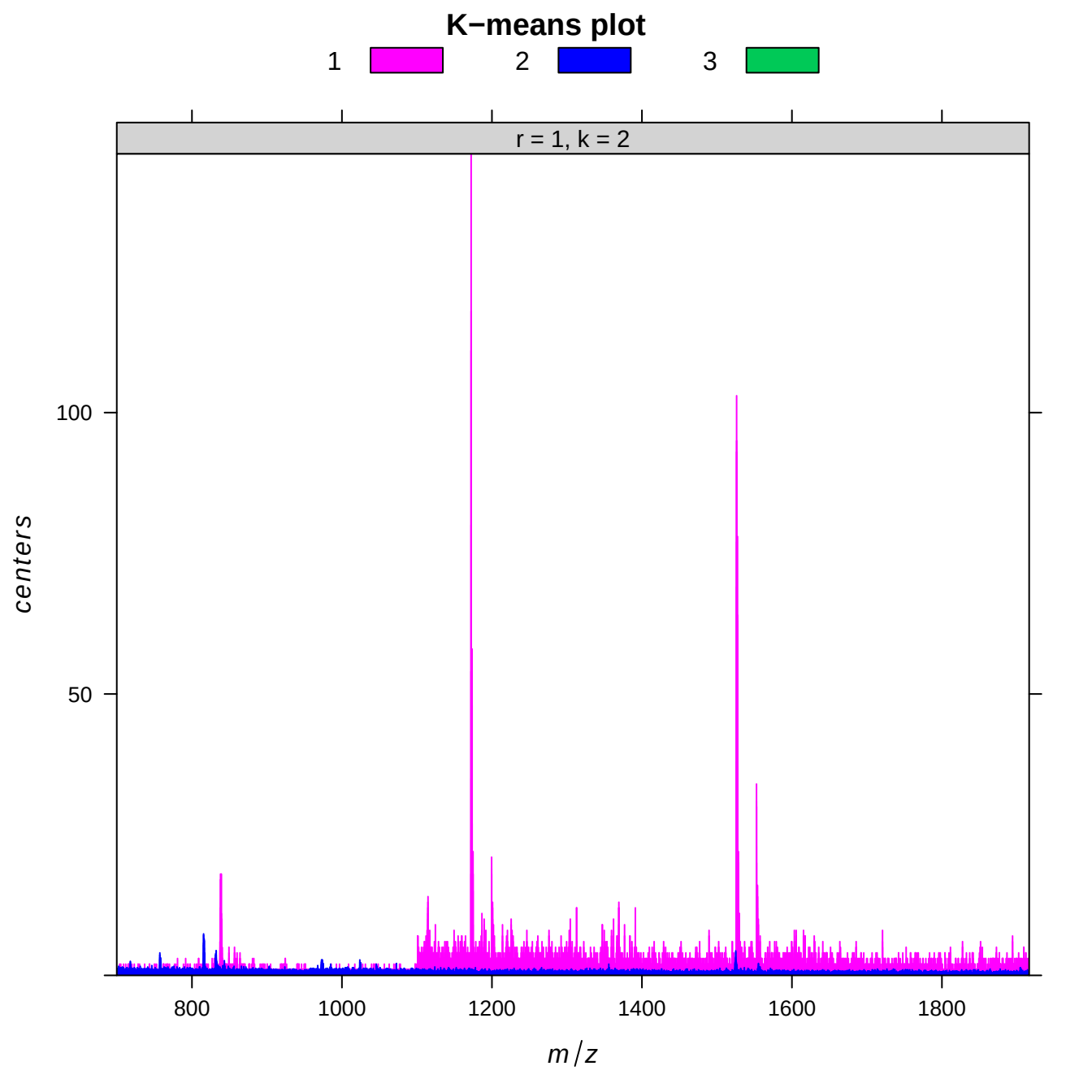

K−means clustering
1
2
3
r = 1, k = 3
4
3
2
1
y
1.0
1.5
2.0
2.5
3.0
x

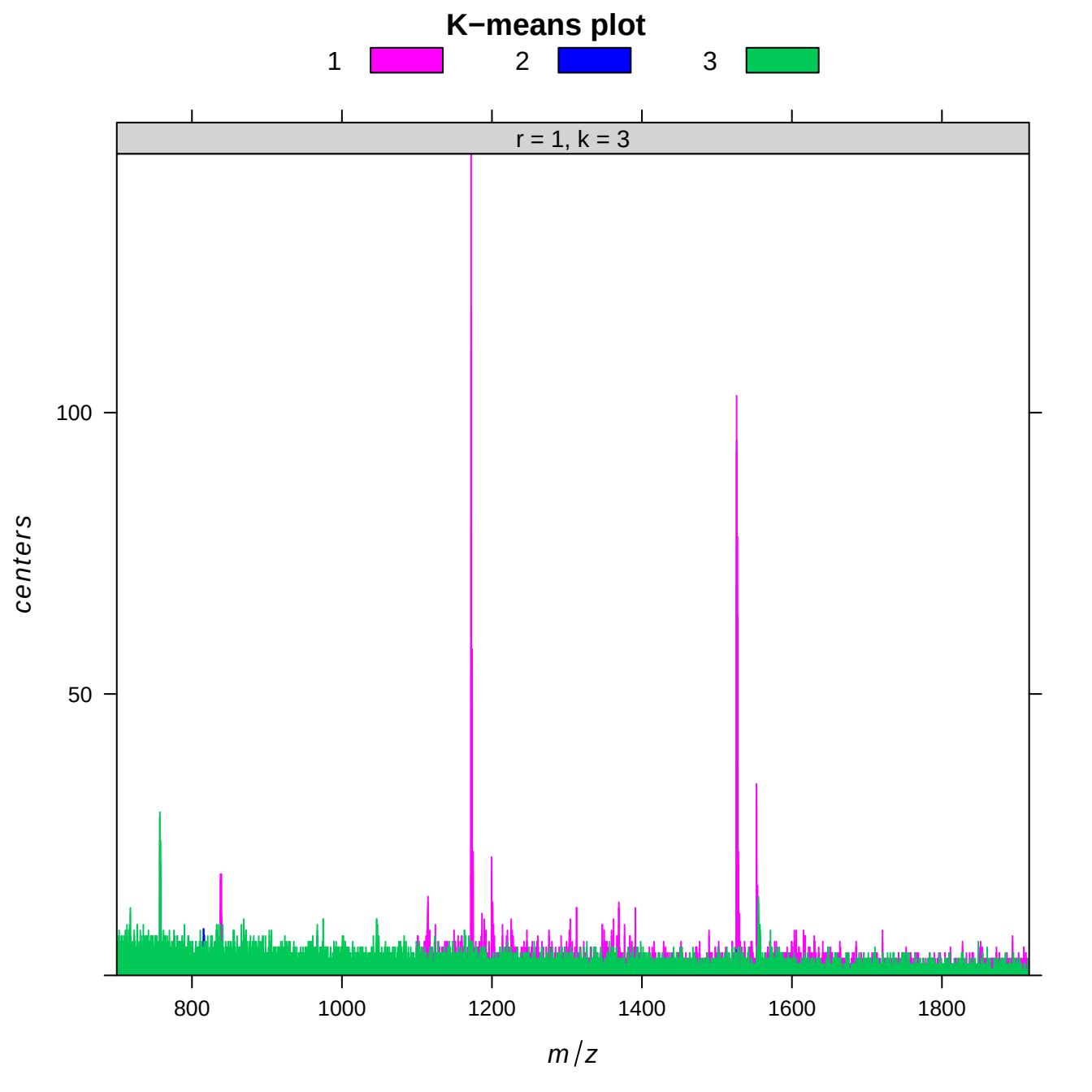

K−means clustering
1
2
3
r = 2, k = 2
4
3
2
1
y
1.0
1.5
2.0
2.5
3.0
x

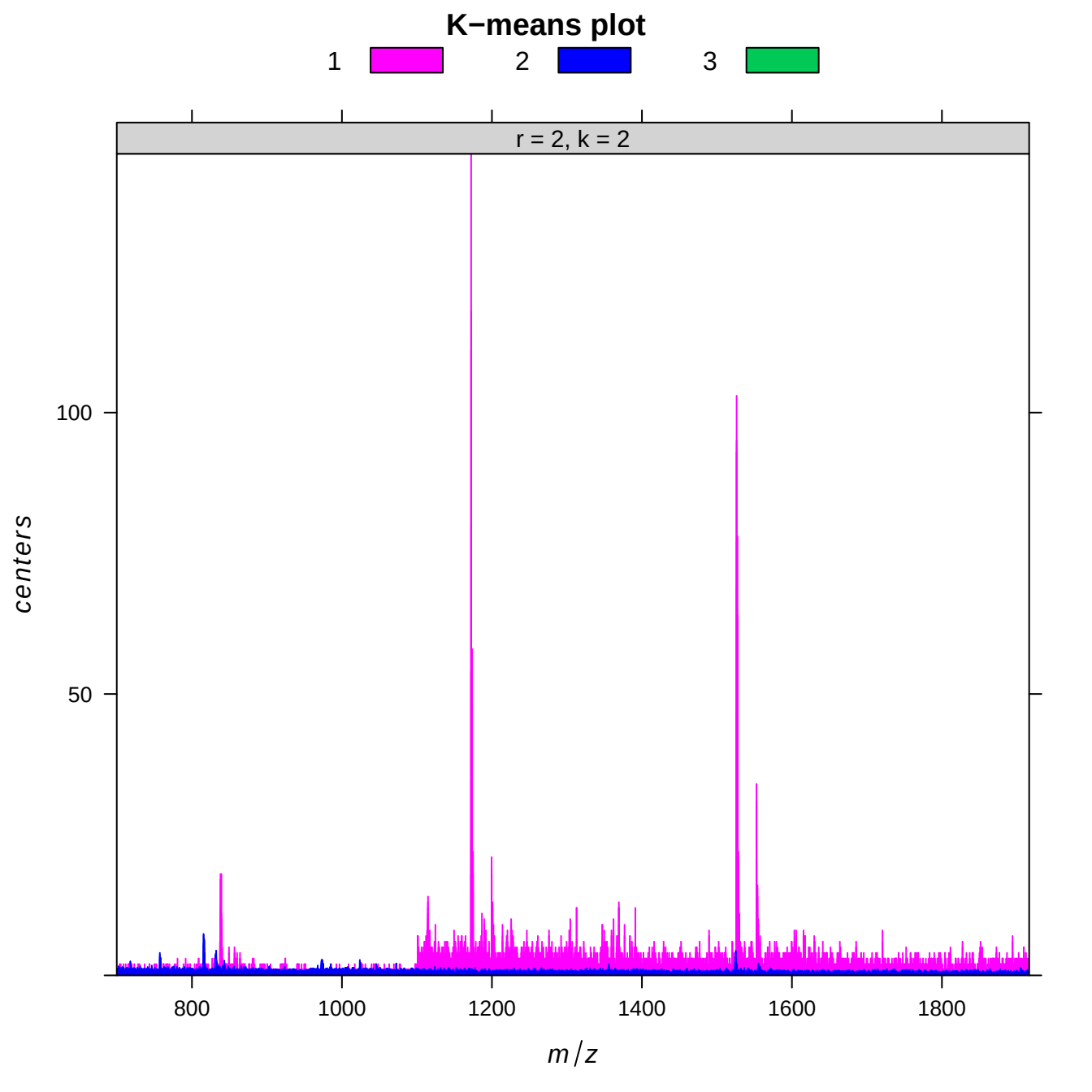

K−means clustering
1
2
3
r = 2, k = 3
4
3
2
1
y
1.0
1.5
2.0
2.5
3.0
x

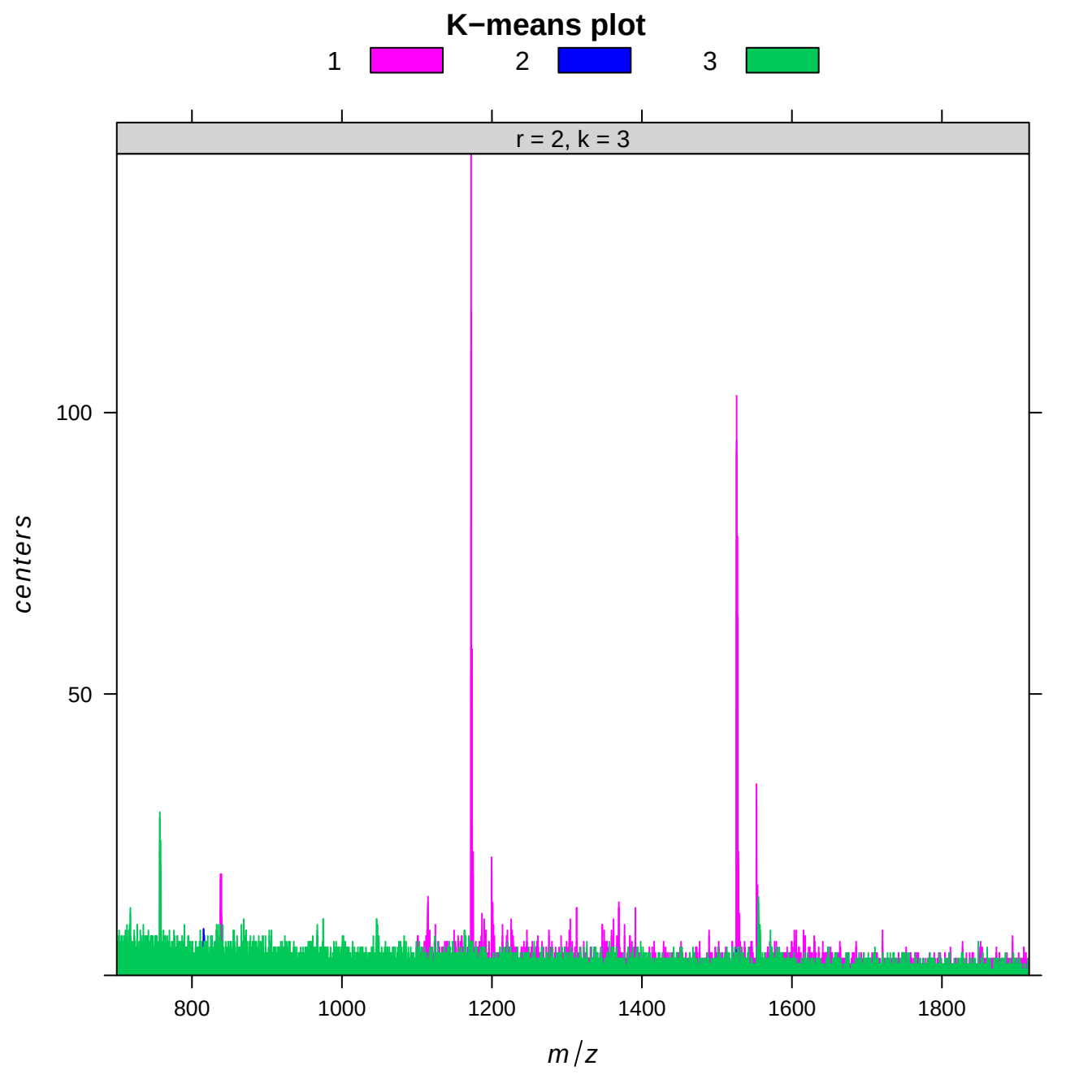

K−means clustering
1
2
3
r = 3, k = 2
4
3
2
1
y
1.0
1.5
2.0
2.5
3.0
x

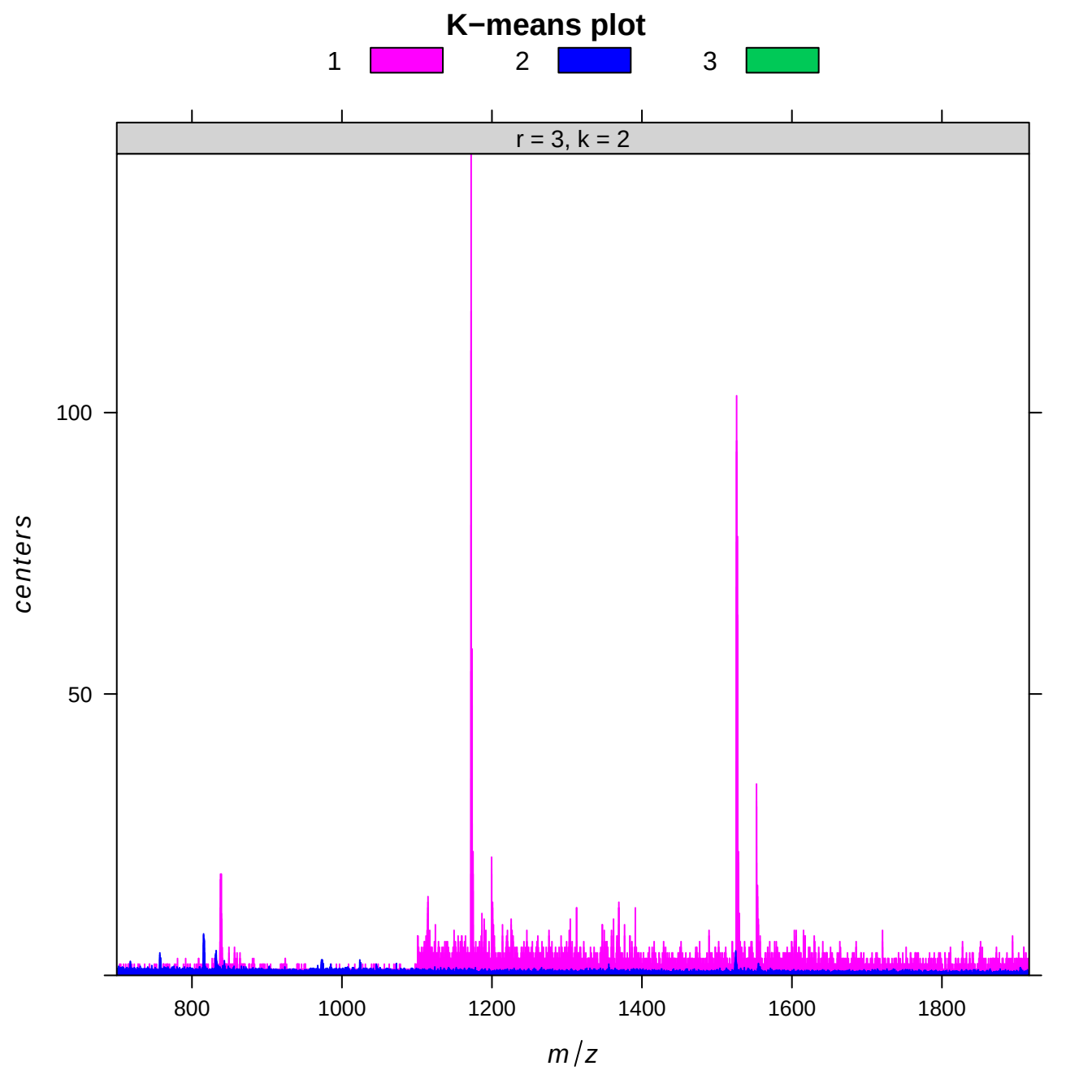

K−means clustering
1
2
3
r = 3, k = 3
4
3
2
1
y
1.0
1.5
2.0
2.5
3.0
x


K−means plot
1
2
3
r = 1, k = 2
100
50
centers
800
1000
1200
1400
1600
1800
m/z


K−means plot
1
2
3
r = 1, k = 3
100
50
centers
800
1000
1200
1400
1600
1800
m/z


K−means plot
1
2
3
r = 2, k = 2
100
50
centers
800
1000
1200
1400
1600
1800
m/z


K−means plot
1
2
3
r = 2, k = 3
100
50
centers
800
1000
1200
1400
1600
1800
m/z


K−means plot
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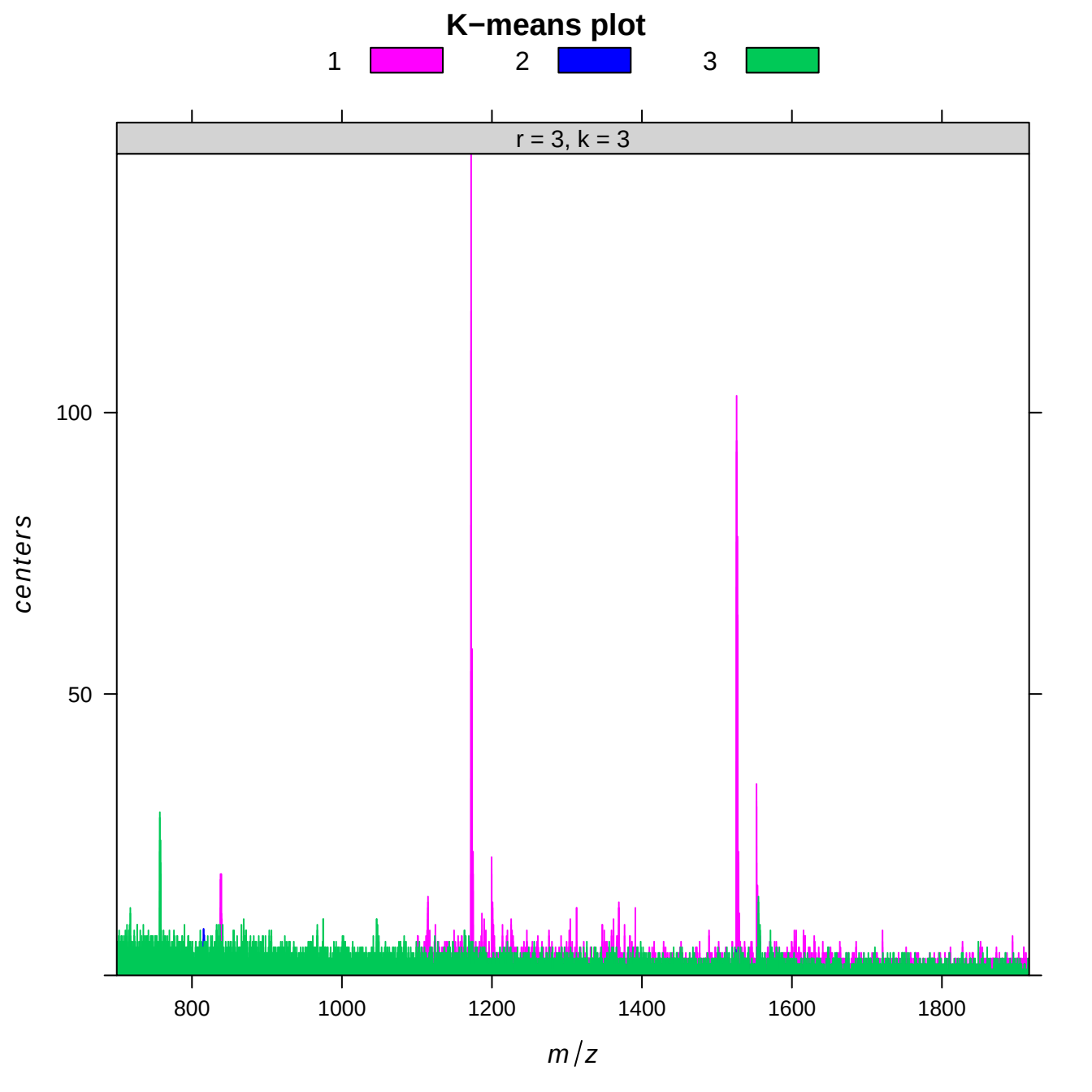
3
r = 3, k = 2
100
50
centers
800
1000
1200
1400
1600
1800
m/z


K−means plot
1
2
3
r = 3, k = 3
centers
100
50
800
1000
1200
1400
1600
1800
m/z