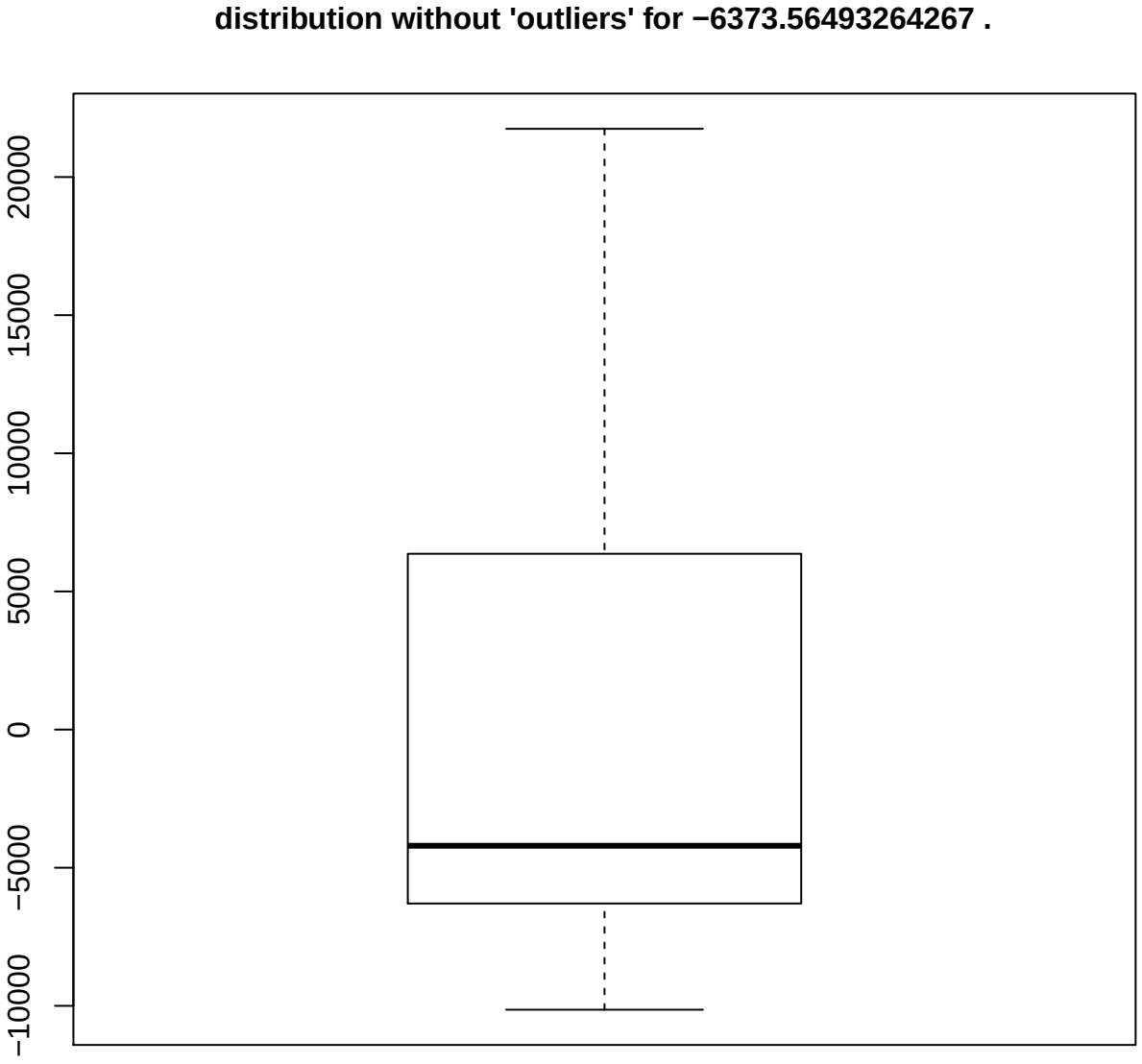
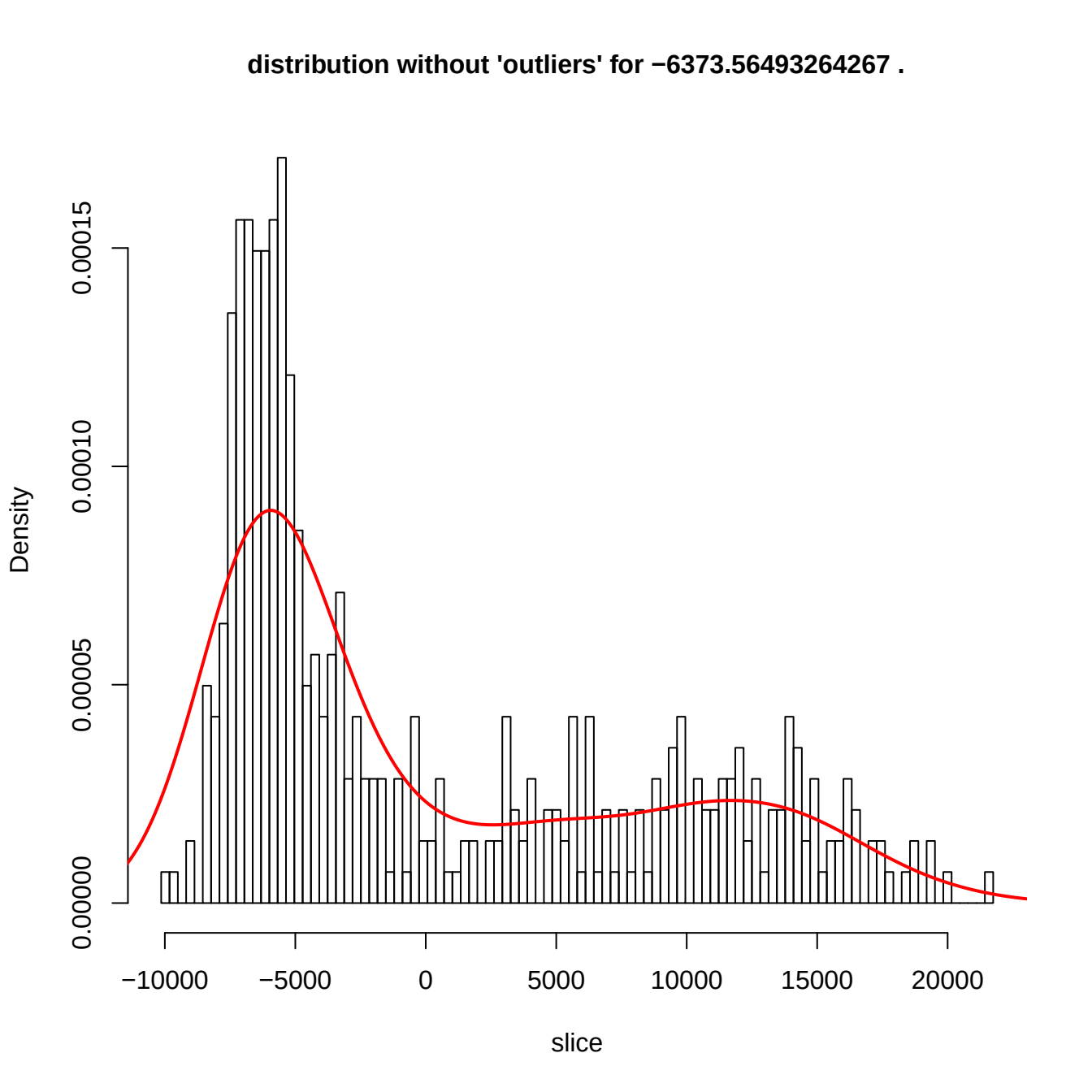
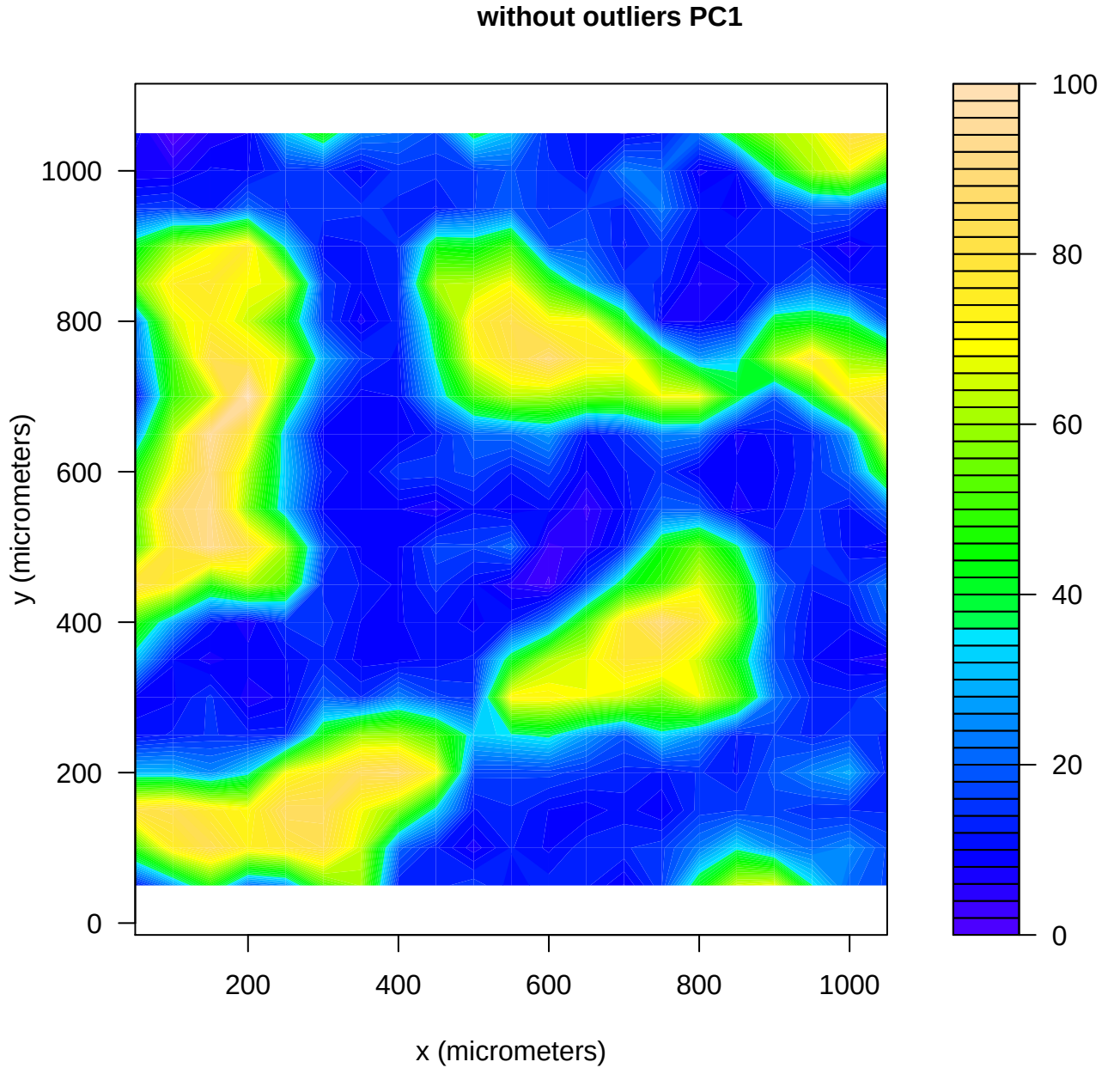
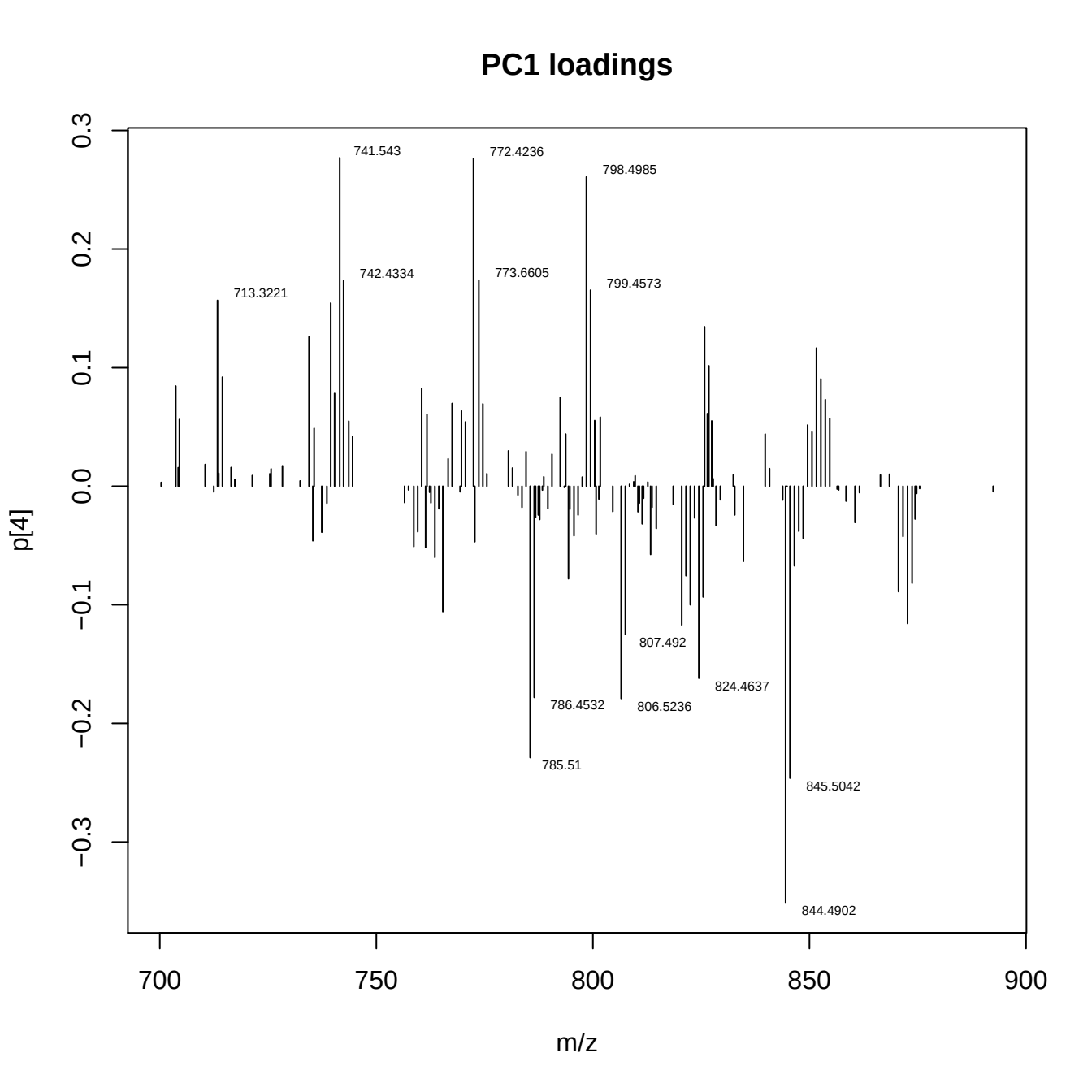
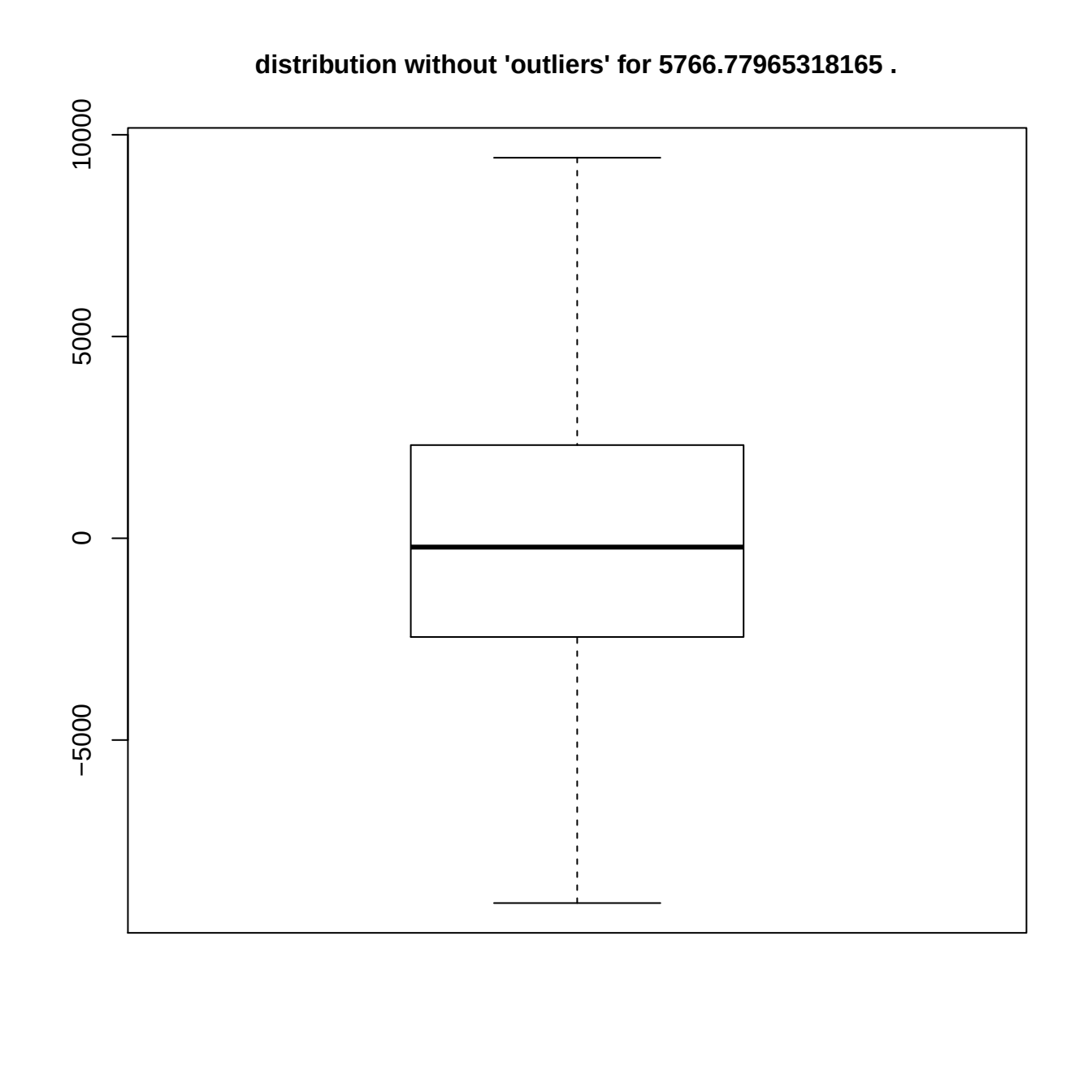
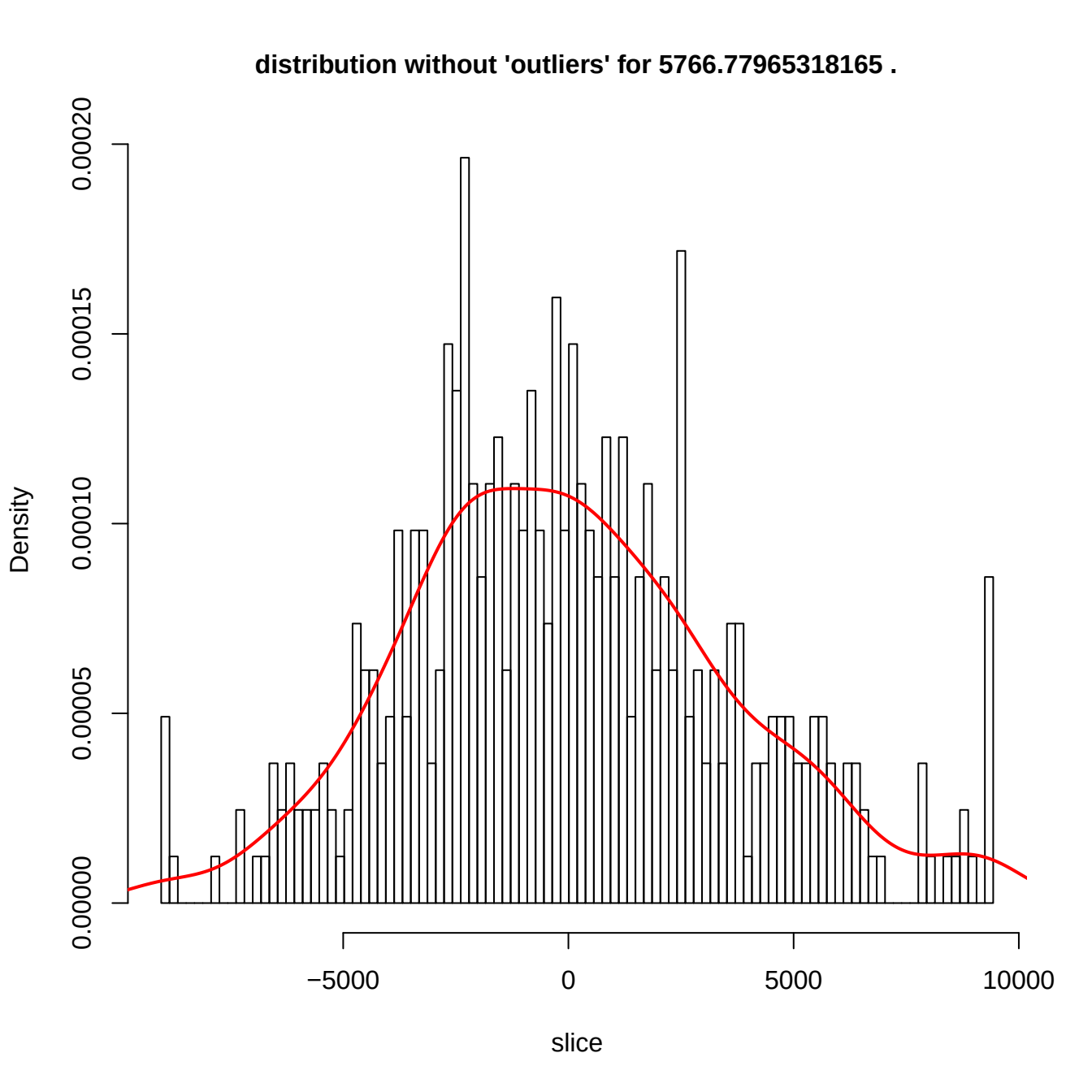

distribution without 'outliers' for −6373.56493264267 .
20000
15000
10000
5000
0
−5000
−10000

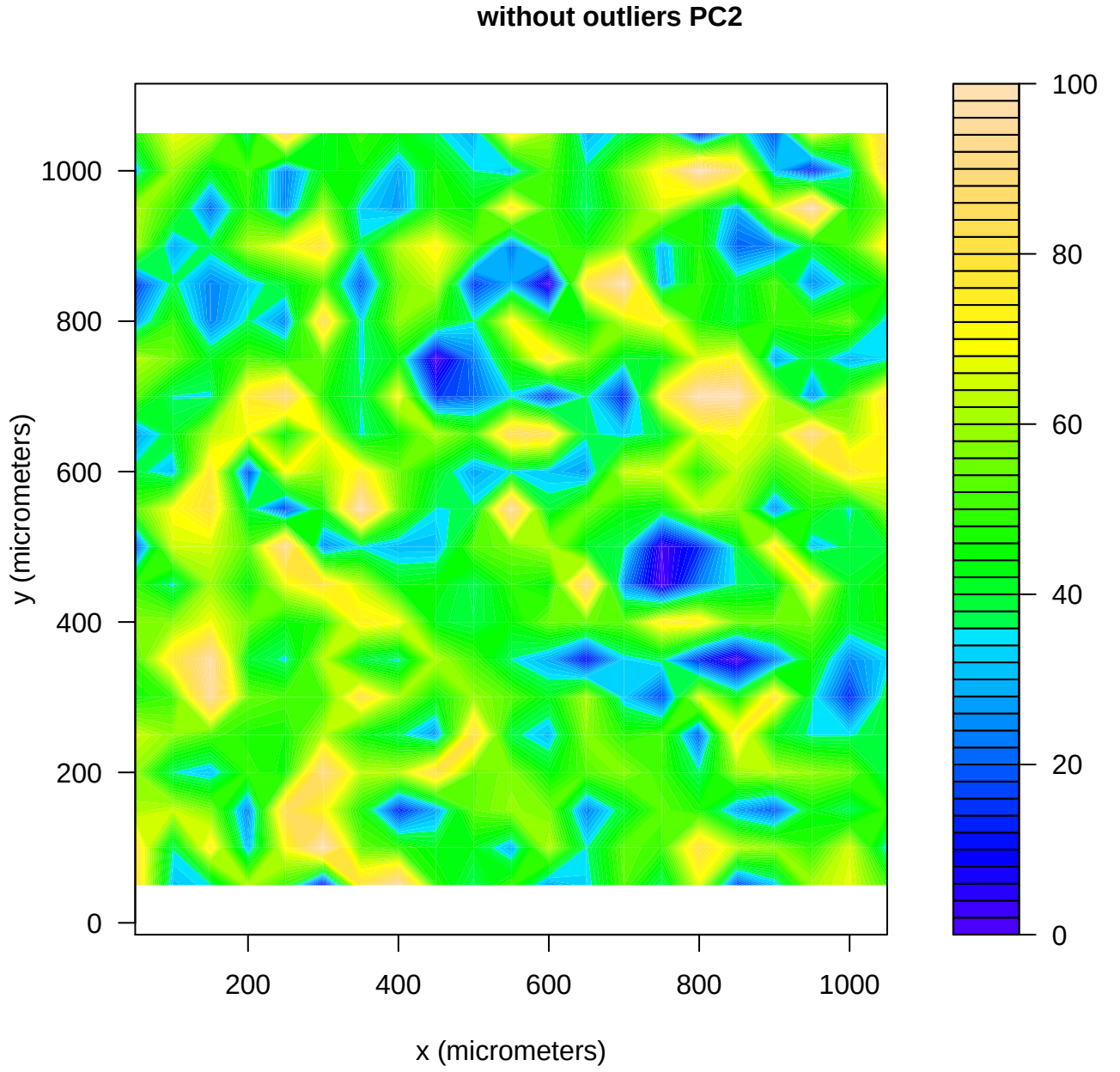

distribution without 'outliers' for −6373.56493264267 .
Density
0.00000
0.00005
0.00010
0.00015
−10000
−5000
0
5000
10000
15000
20000
slice

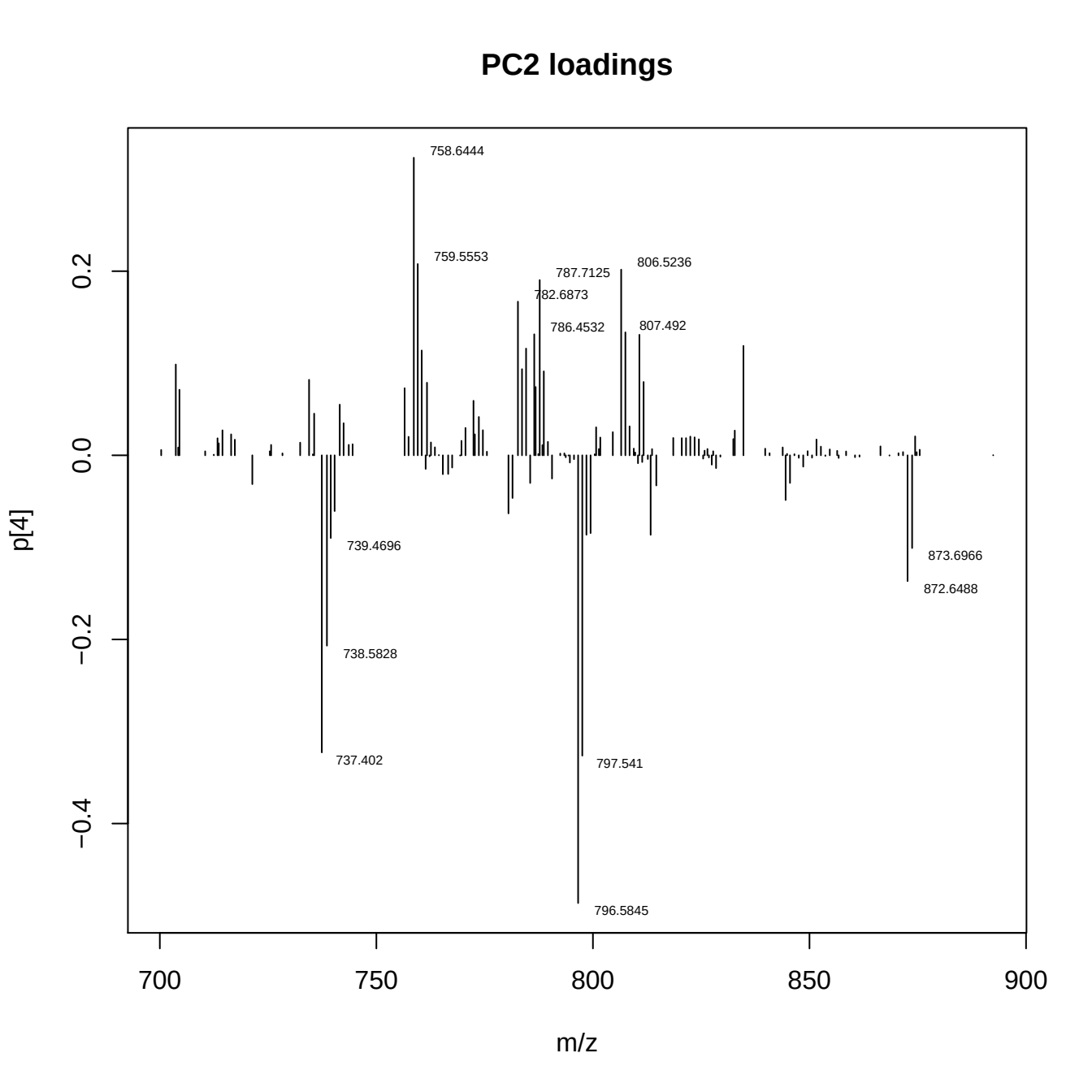

without outliers PC1
1000
800
600
400
200
0
y (micrometers)
200
400
600
800
1000
x (micrometers)
100
80
60
40
20
0

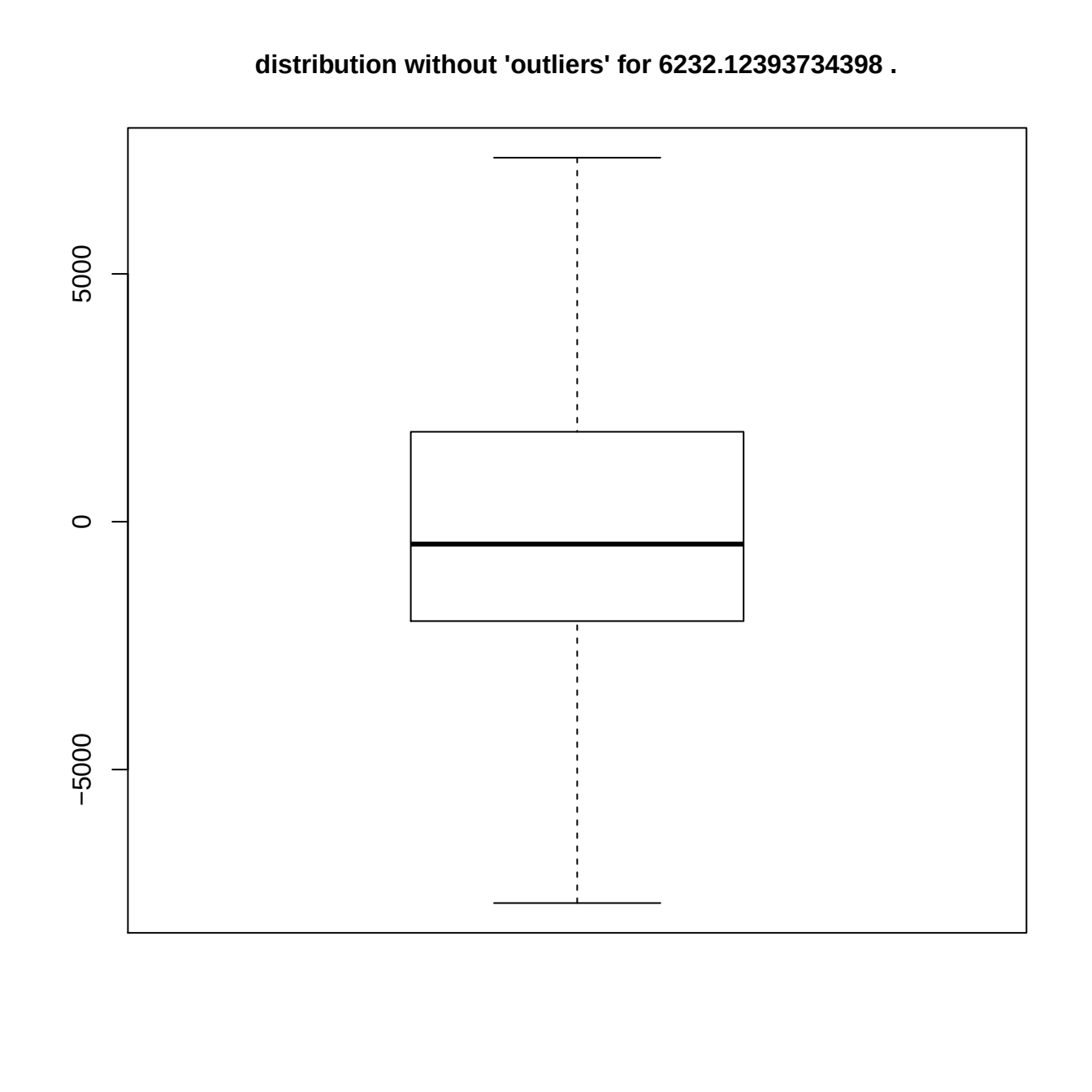

PC1 loadings
p[4]
m/z
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
700
750
800
850
900
741.543
772.4236
798.4985
713.3221
742.4334
773.6605
799.4573
807.492
824.4637
786.4532
806.5236
785.51
845.5042
844.4902

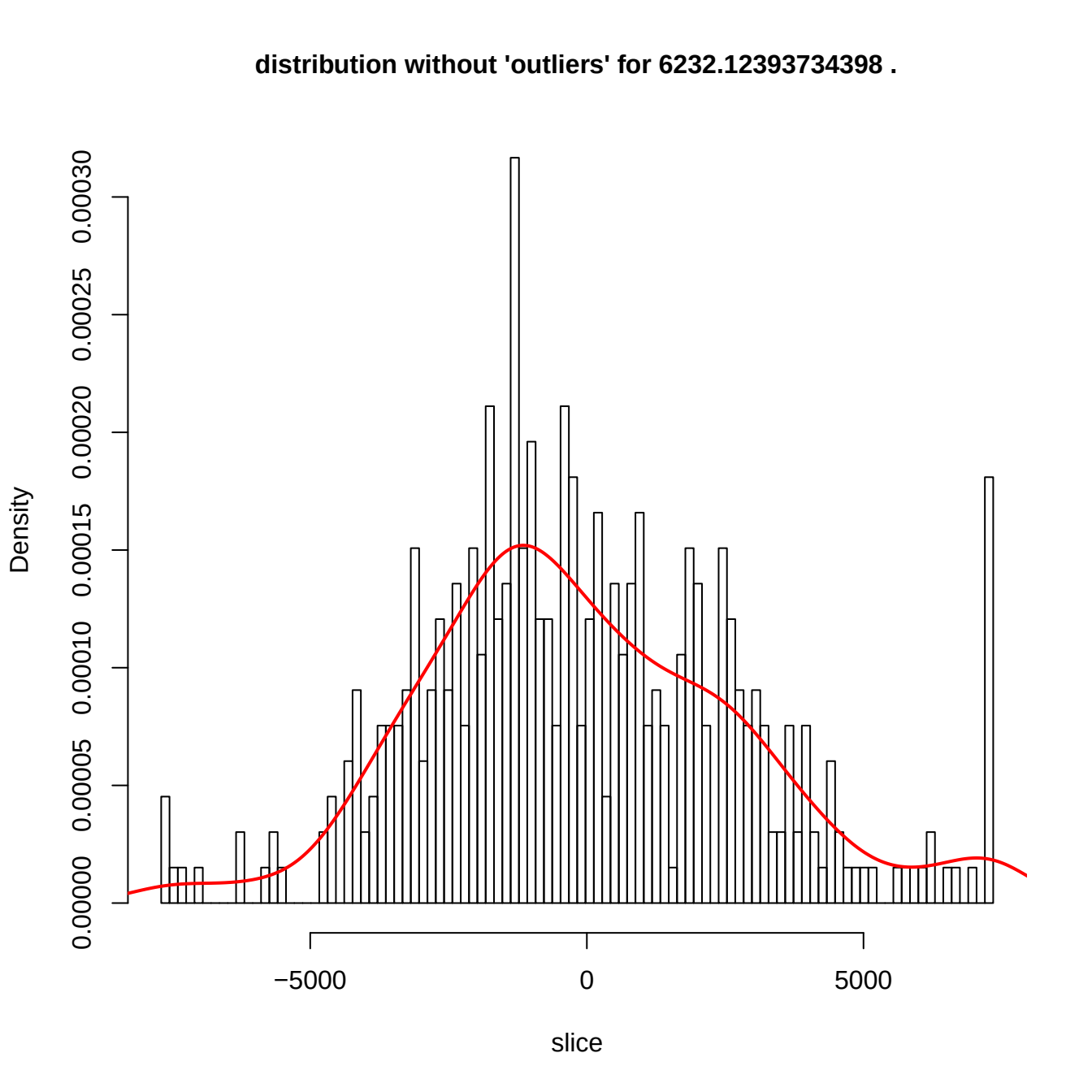

distribution without 'outliers' for 5766.77965318165 .
10000
5000
0
−5000

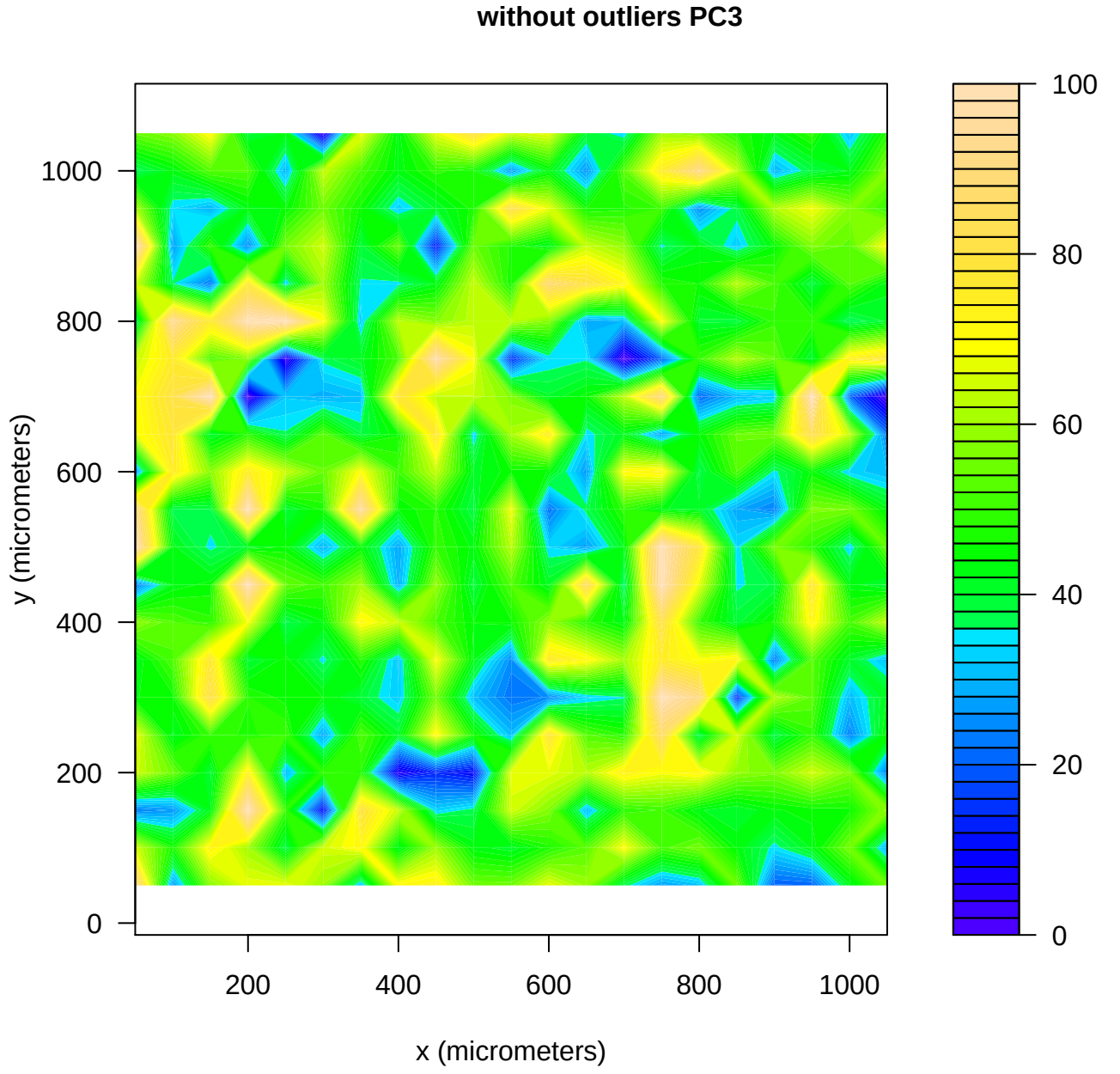

distribution without 'outliers' for 5766.77965318165 .
Density
0.00000
0.00005
0.00010
0.00015
0.00020
−5000
0
5000
10000
slice

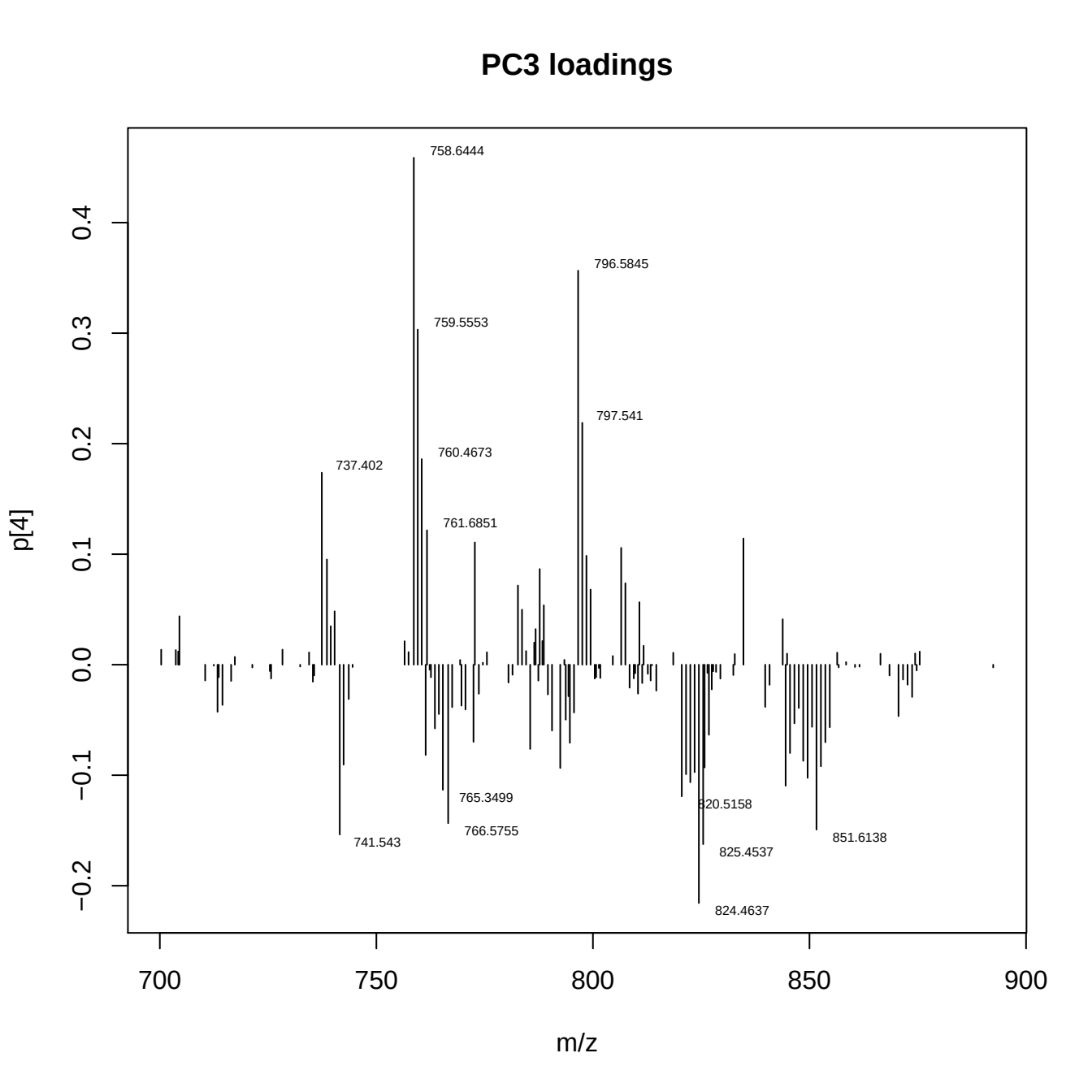

without outliers PC2
1000
800
600
400
200
0
y (micrometers)
200
400
600
800
1000
x (micrometers)
100
80
60
40
20
0

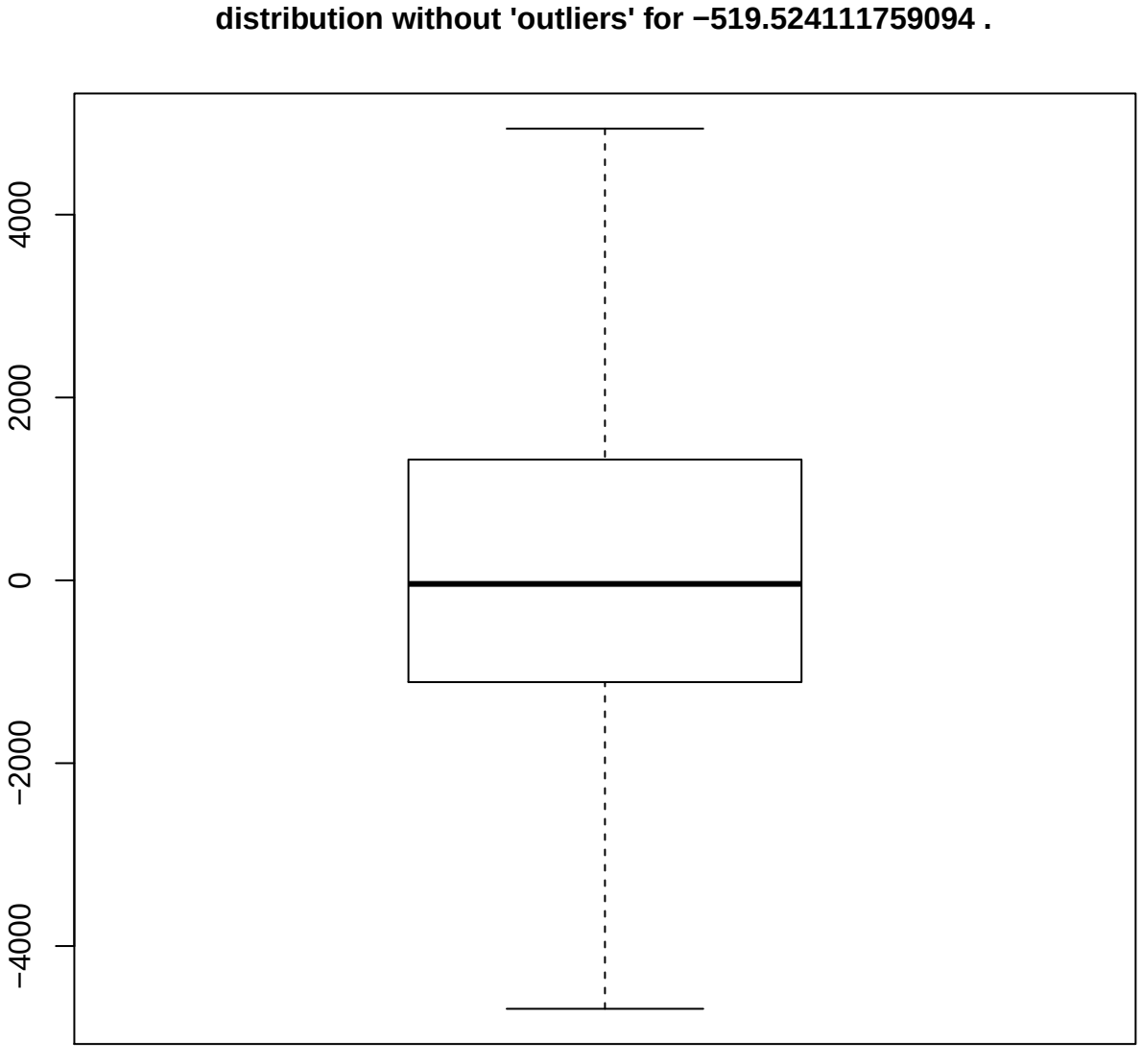

PC2 loadings
758.6444
759.5553
787.7125
806.5236
782.6873
786.4532
807.492
739.4696
873.6966
872.6488
738.5828
737.402
797.541
796.5845
0.2
0.0
−0.2
−0.4
p[4]
700
750
800
850
900
m/z

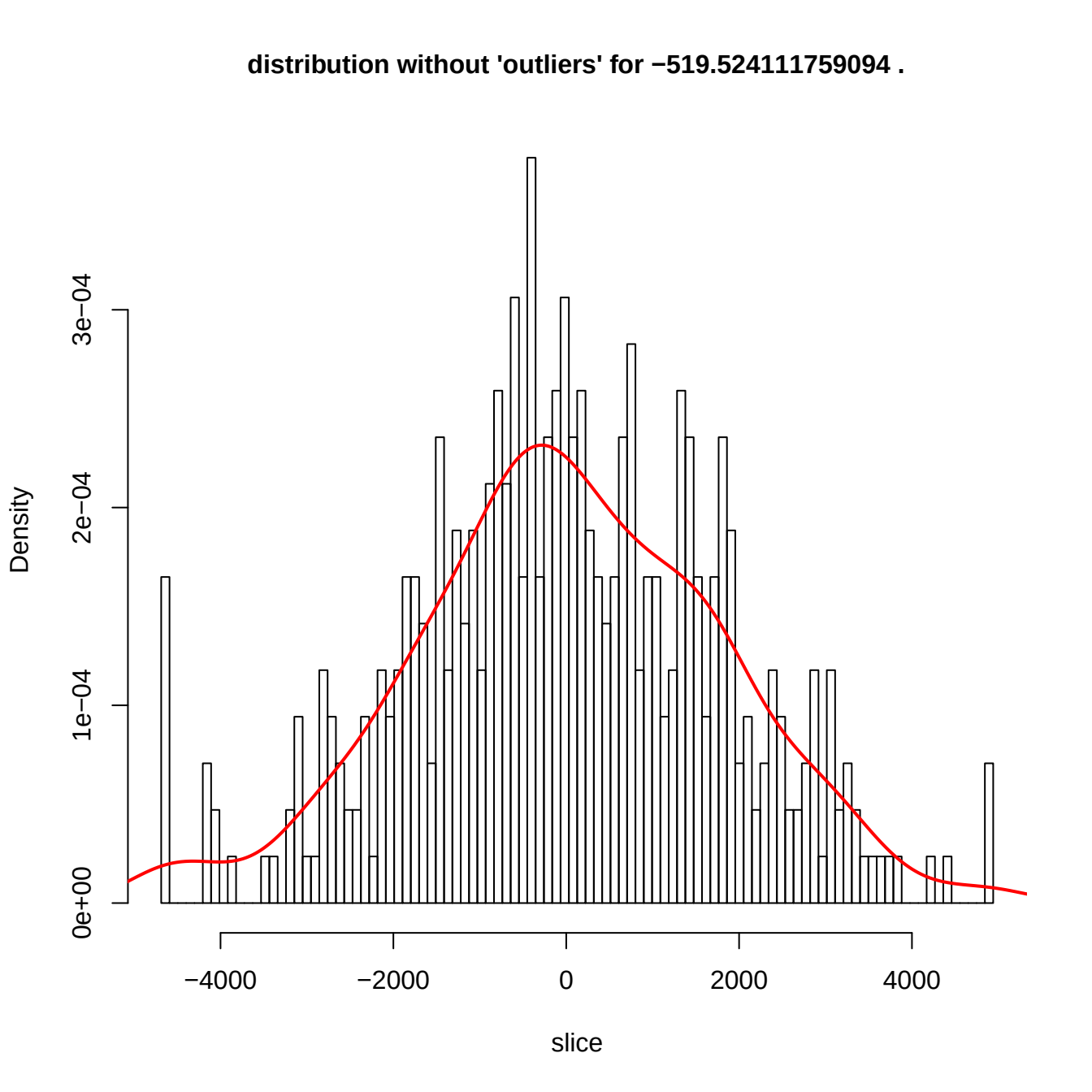

distribution without 'outliers' for 6232.12393734398 .
5000
0
−5000

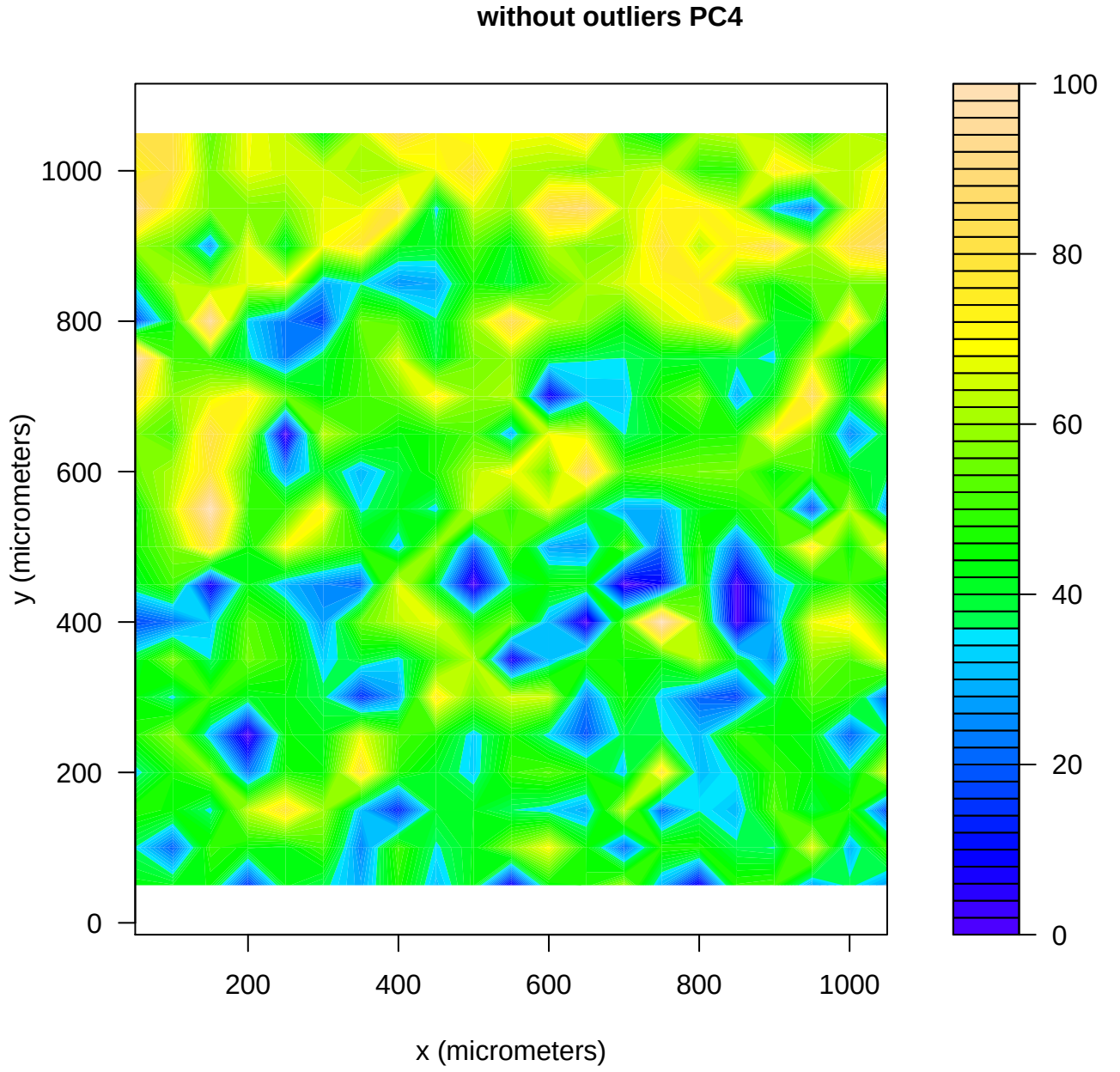

distribution without 'outliers' for 6232.12393734398 .
Density
0.00000
0.00005
0.00010
0.00015
0.00020
0.00025
0.00030
−5000
0
5000
slice

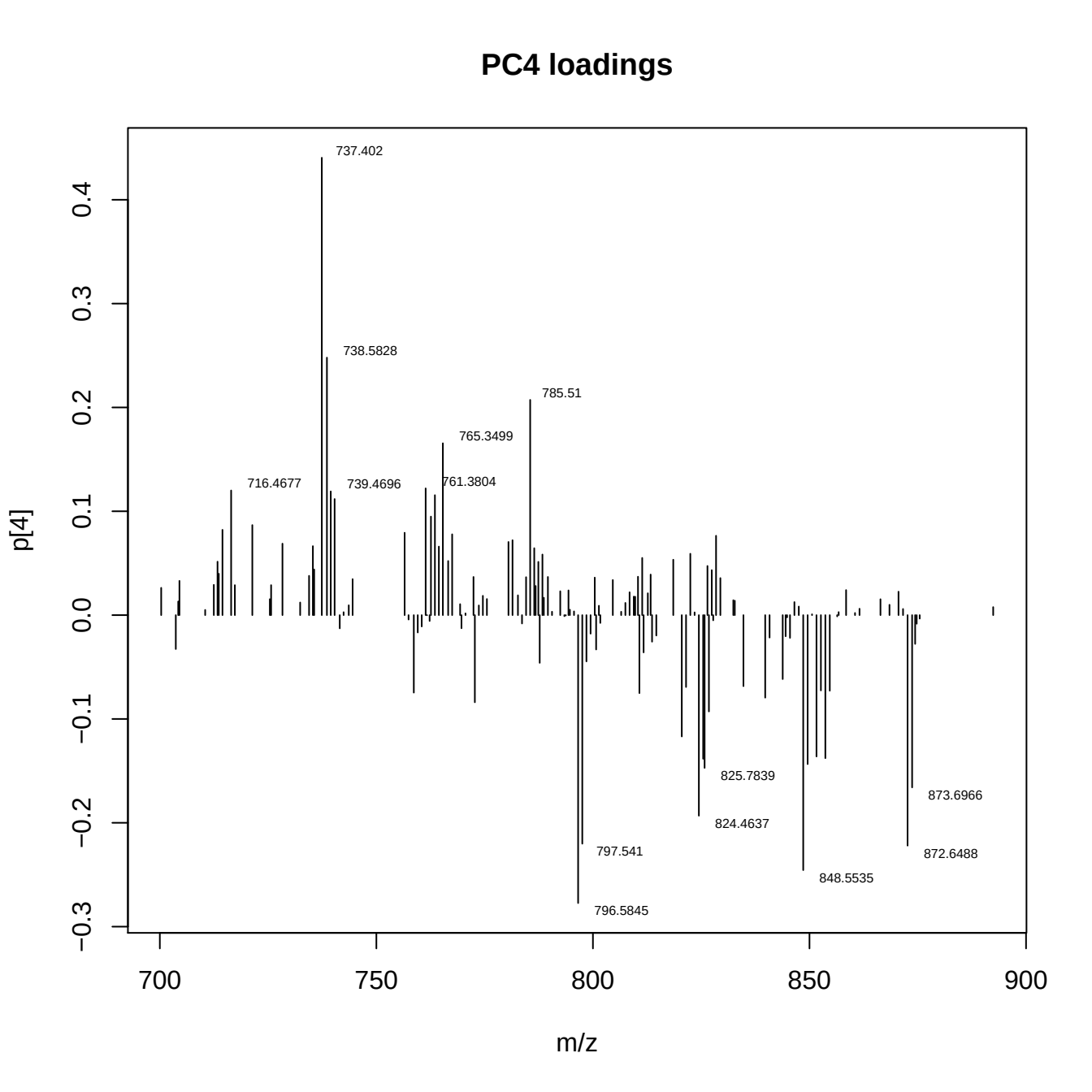

without outliers PC3
1000
800
600
400
200
0
y (micrometers)
200
400
600
800
1000
x (micrometers)
100
80
60
40
20
0

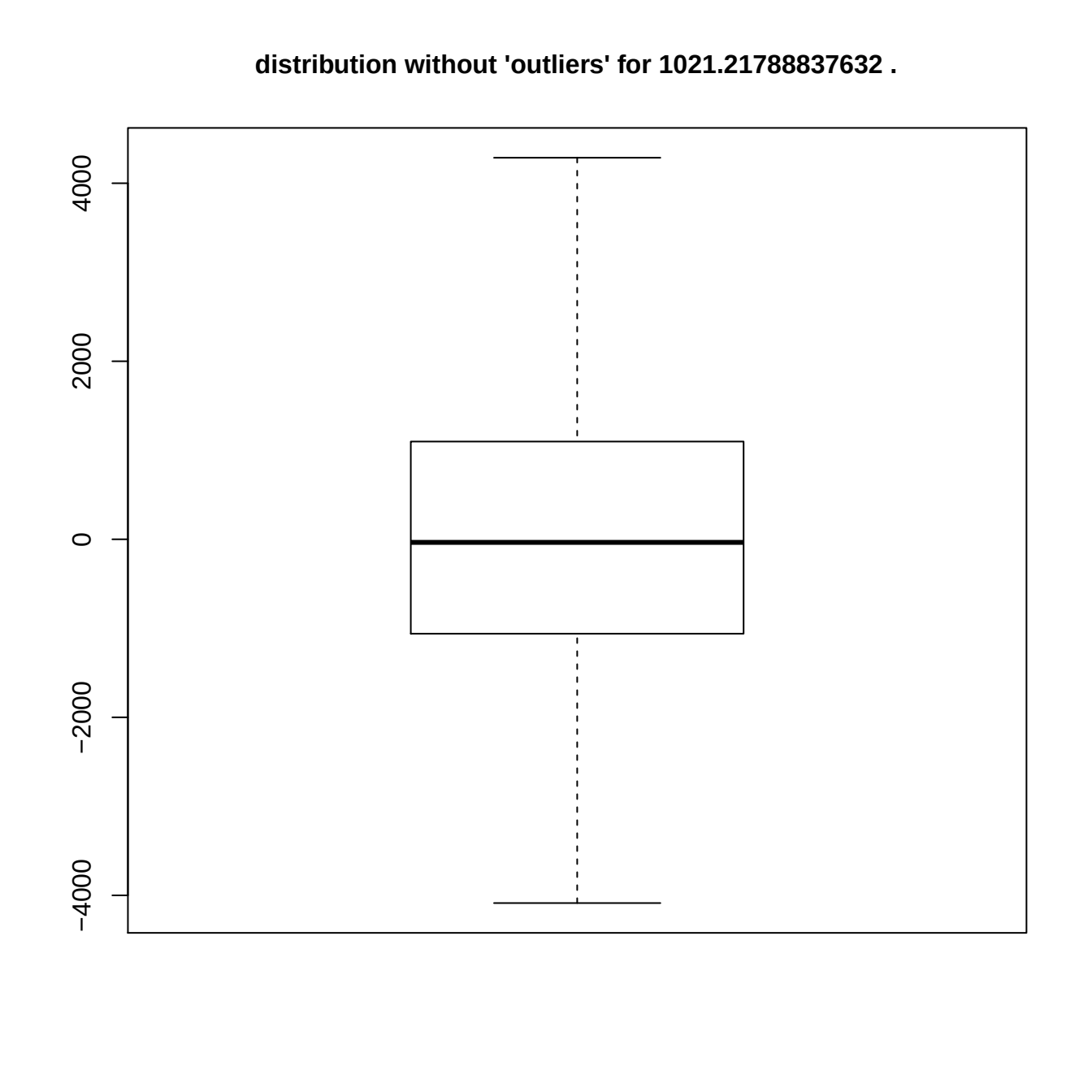

PC3 loadings
758.6444
796.5845
759.5553
797.541
737.402
760.4673
761.6851
765.3499
820.5158
741.543
766.5755
851.6138
825.4537
824.4637
p[4]
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
700
750
800
850
900
m/z

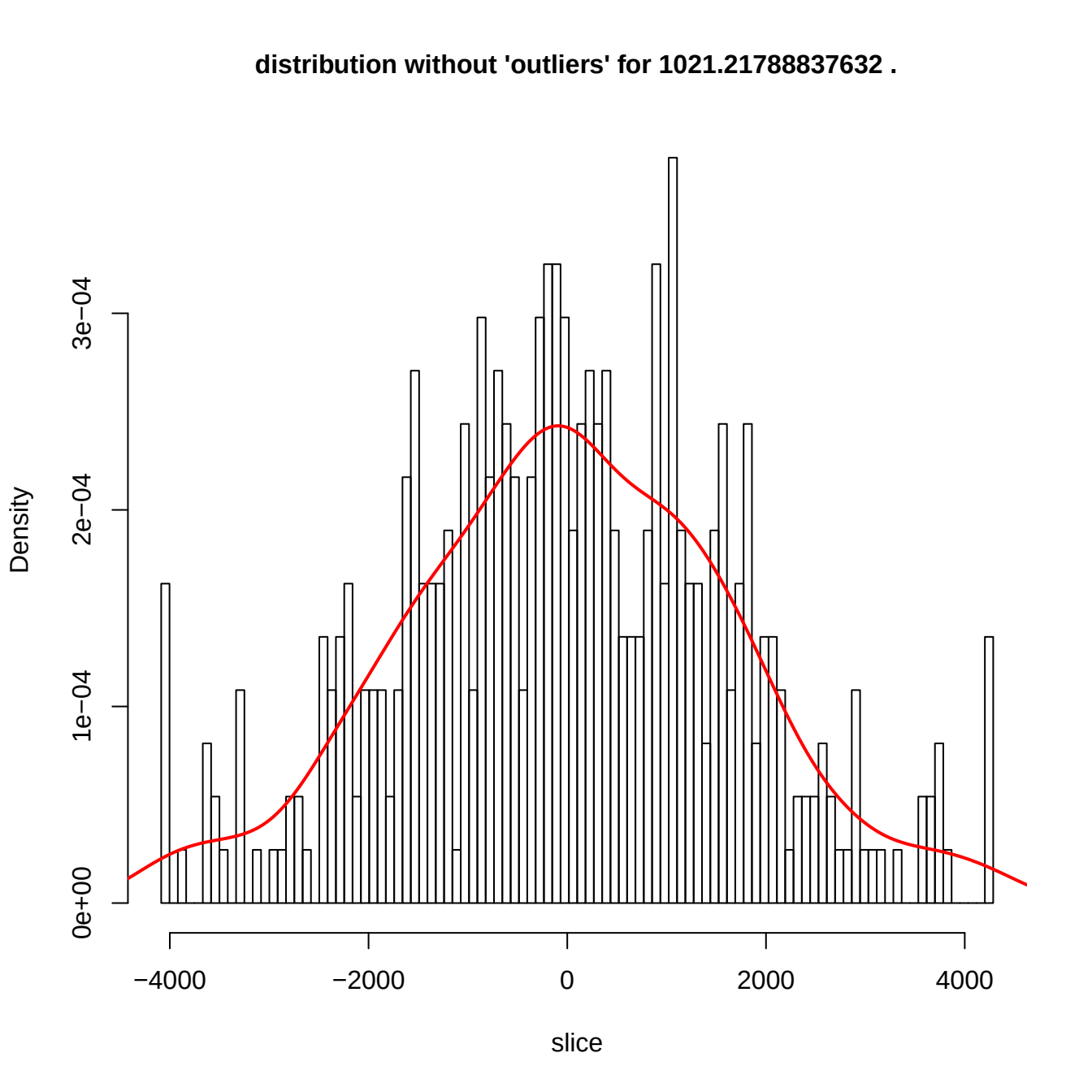

distribution without 'outliers' for −519.524111759094 .
4000
2000
0
−2000
−4000

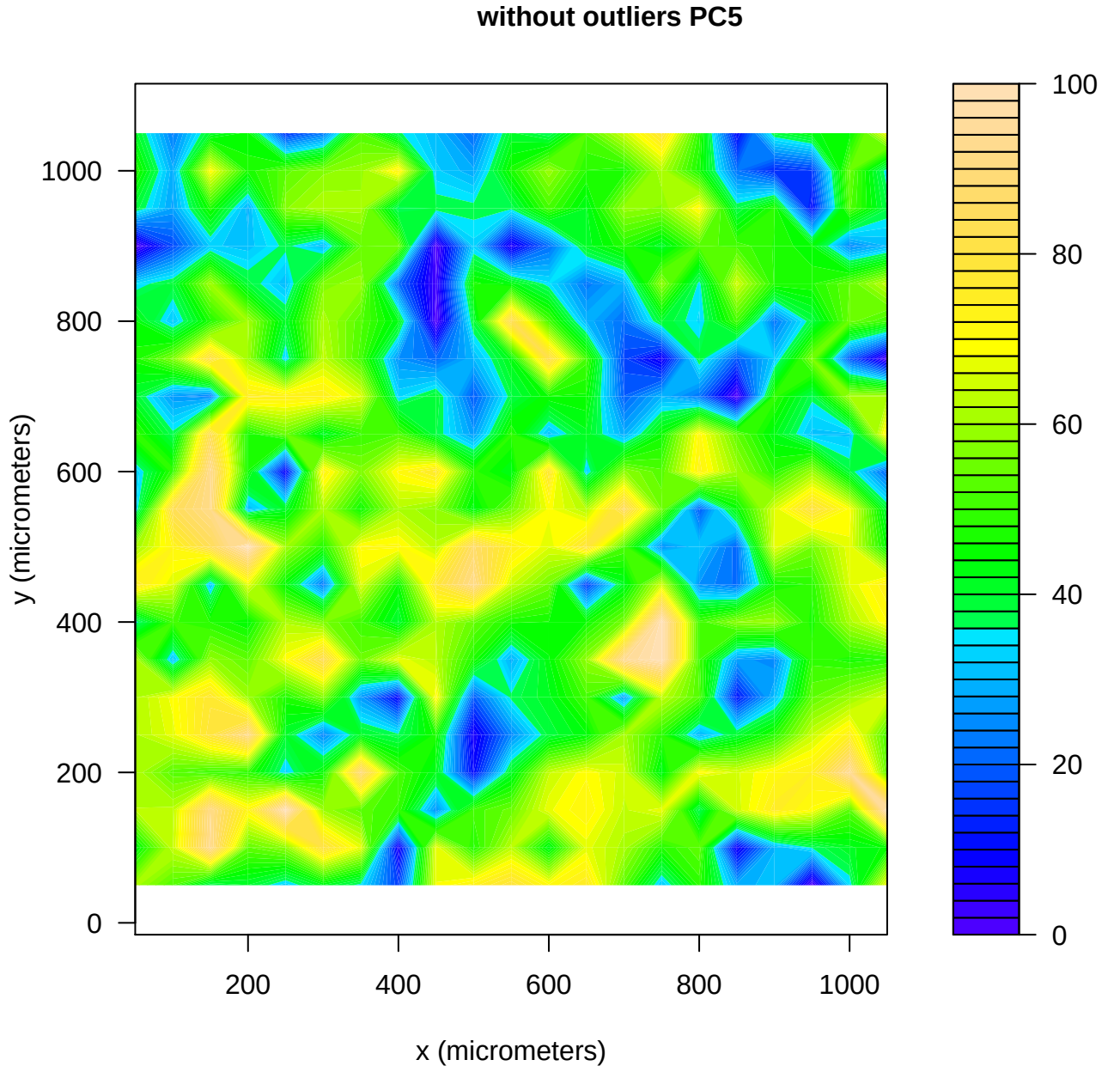

distribution without 'outliers' for −519.524111759094 .
Density
0e+00
1e−04
2e−04
3e−04
−4000
−2000
0
2000
4000
slice

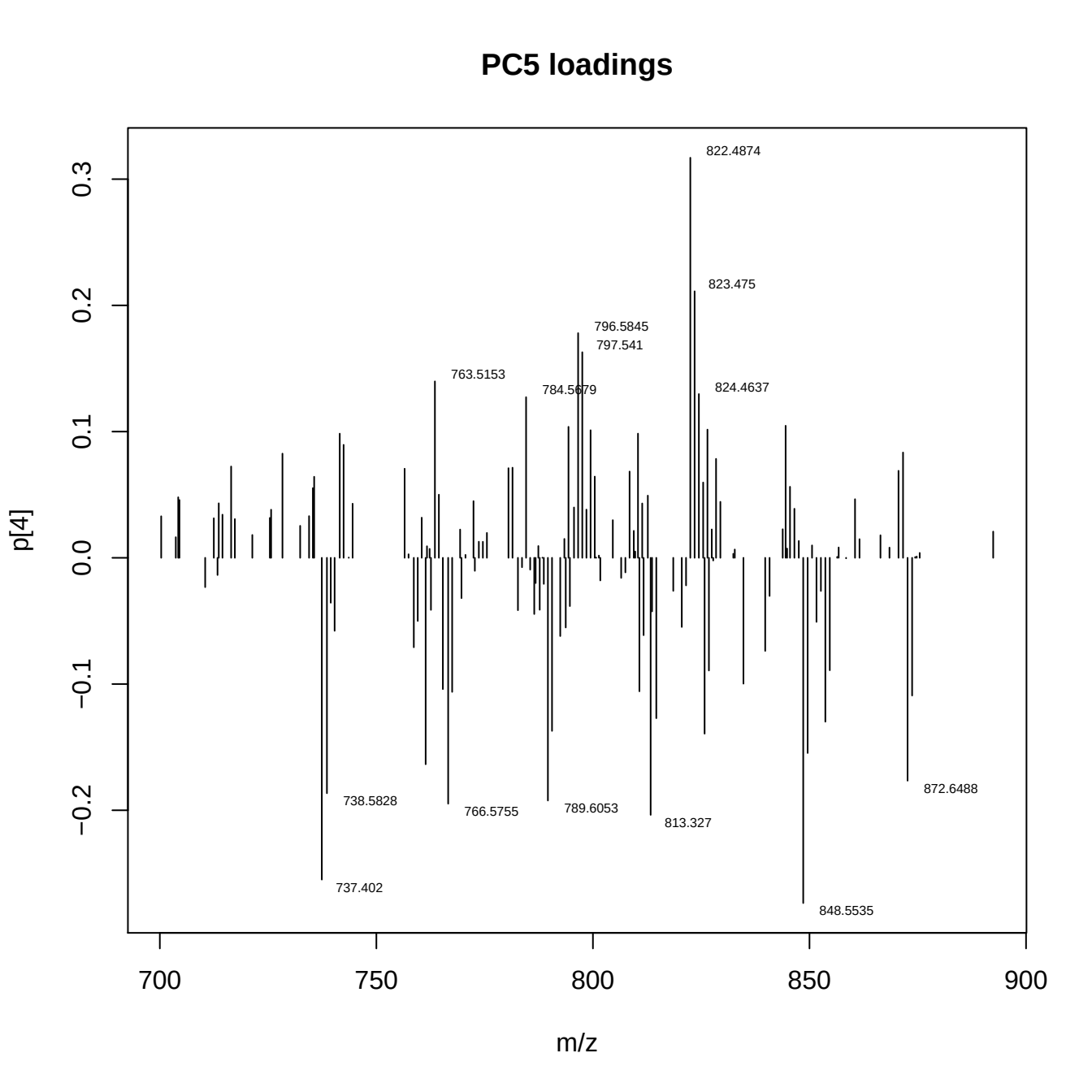

without outliers PC4
y (micrometers)
0
200
400
600
800
1000
x (micrometers)
0
20
40
60
80
100


PC4 loadings
737.402
738.5828
785.51
765.3499
716.4677
739.4696
761.3804
825.7839
873.6966
824.4637
797.541
872.6488
848.5535
796.5845
p[4]
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
700
750
800
850
900
m/z


distribution without 'outliers' for 1021.21788837632 .
4000
2000
0
−2000
−4000


distribution without 'outliers' for 1021.21788837632 .
Density
0e+00
1e−04
2e−04
3e−04
−4000
−2000
0
2000
4000
slice


without outliers PC5
y (micrometers)
0
200
400
600
800
1000
x (micrometers)
200
400
600
800
1000
0
20
40
60
80
100


PC5 loadings
p[4]
0.3
0.2
0.1
0.0
−0.1
−0.2
822.4874
823.475
796.5845
797.541
763.5153
784.5679
824.4637
738.5828
766.5755
789.6053
813.327
872.6488
737.402
848.5535
700
750
800
850
900
m/z