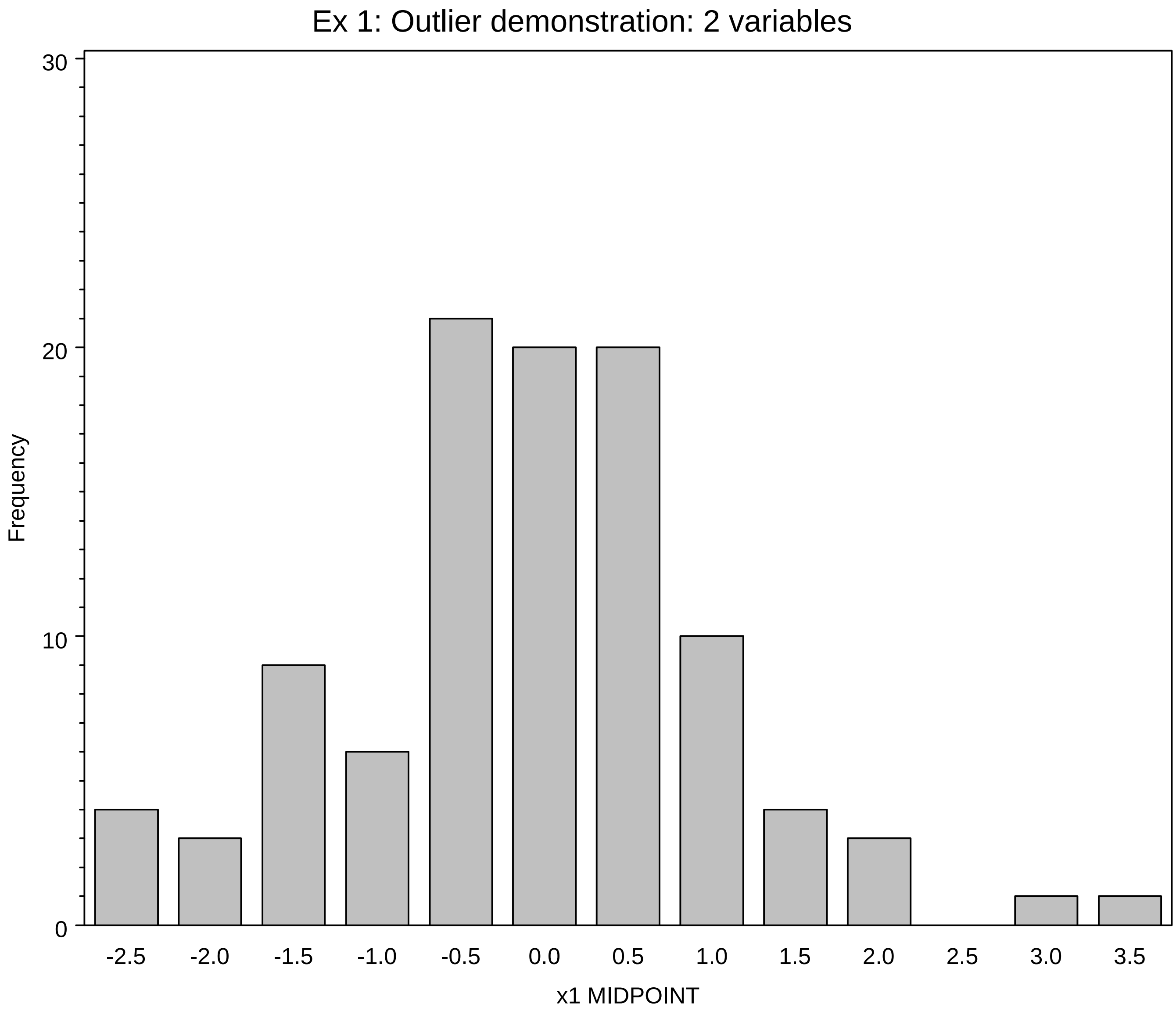
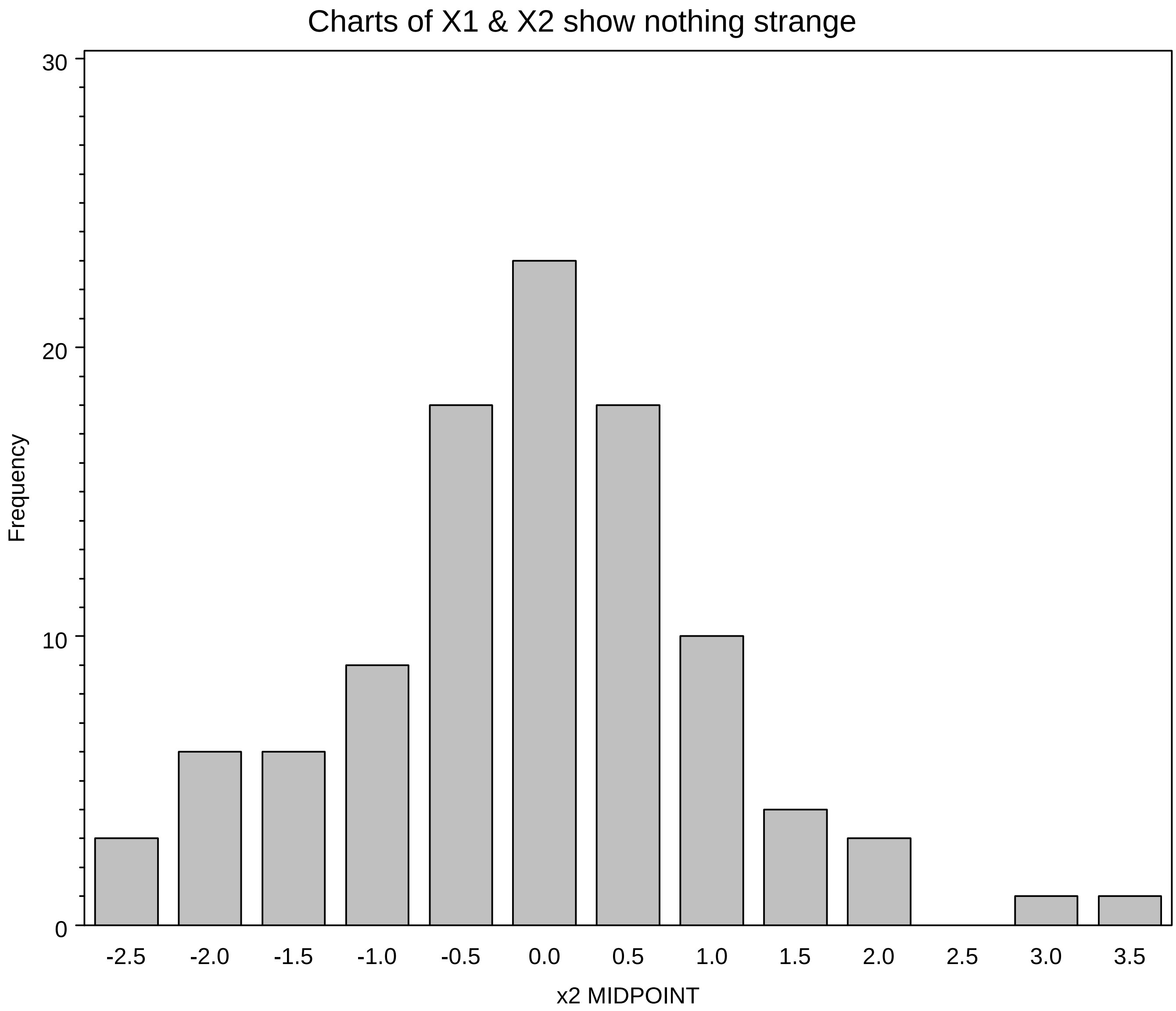
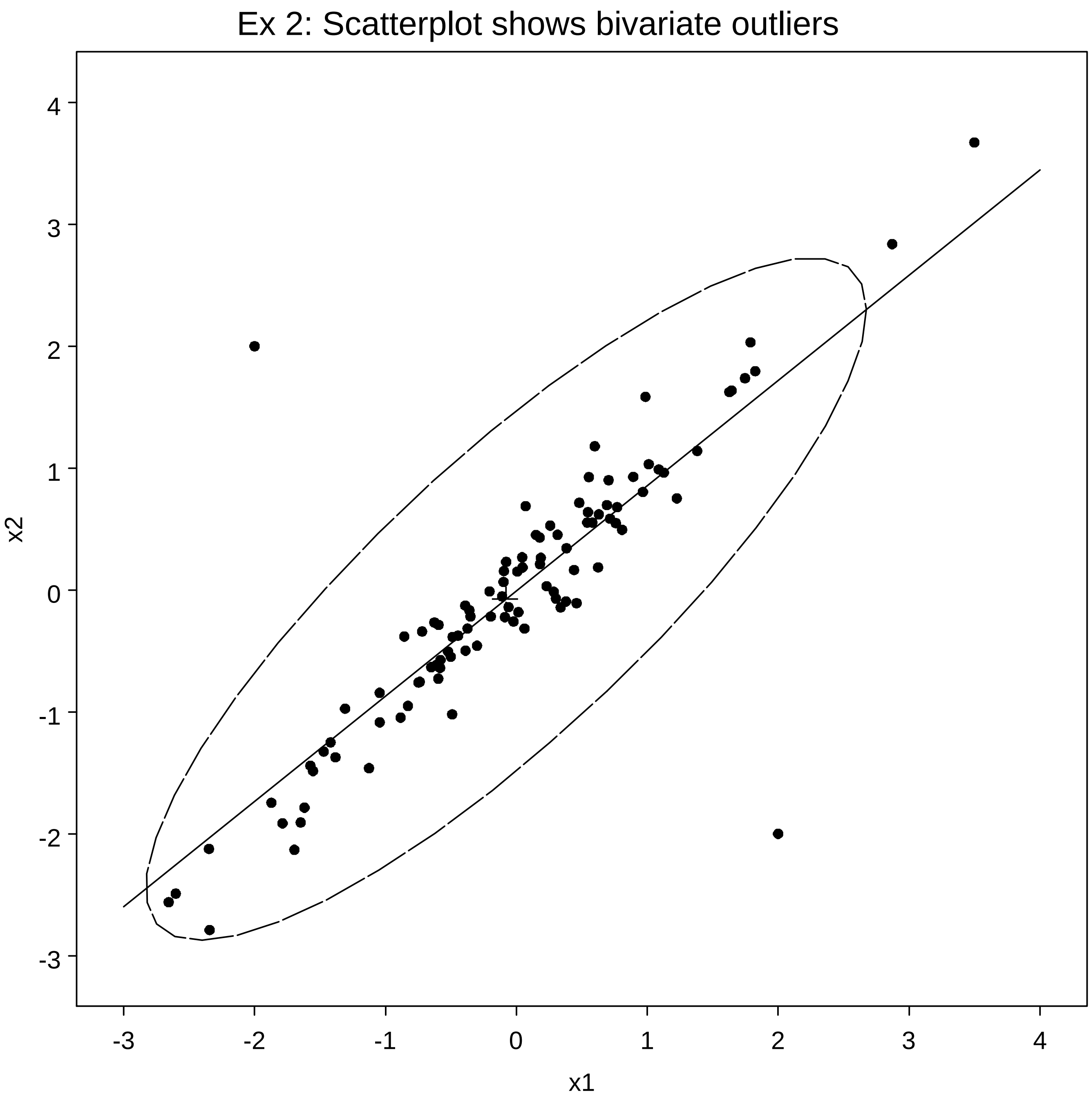
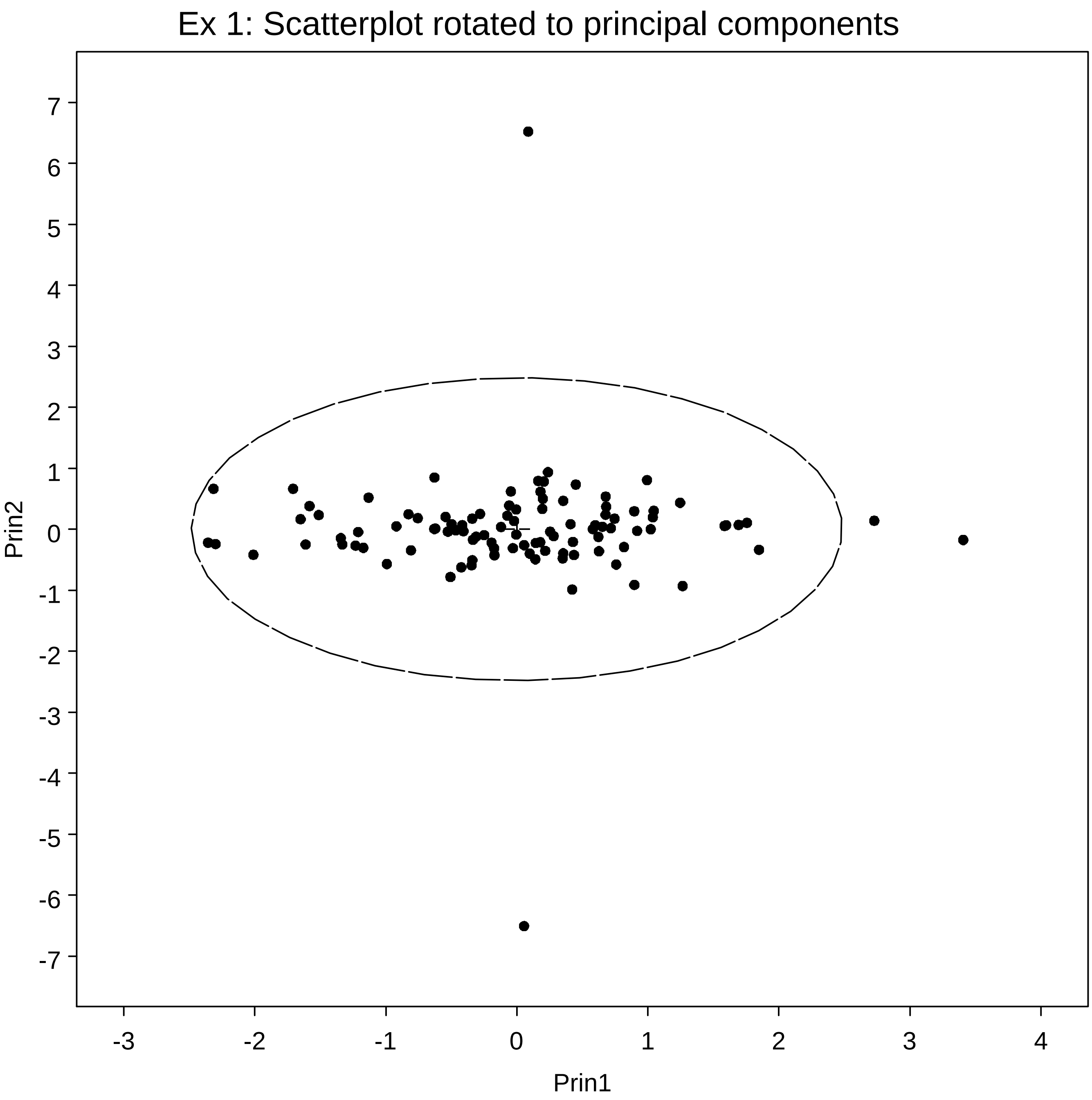


Ex 1: Outlier demonstration: 2 variables
Frequency
30
20
10
0
-2.5
-2.0
-1.5
-1.0
-0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
x1 MIDPOINT

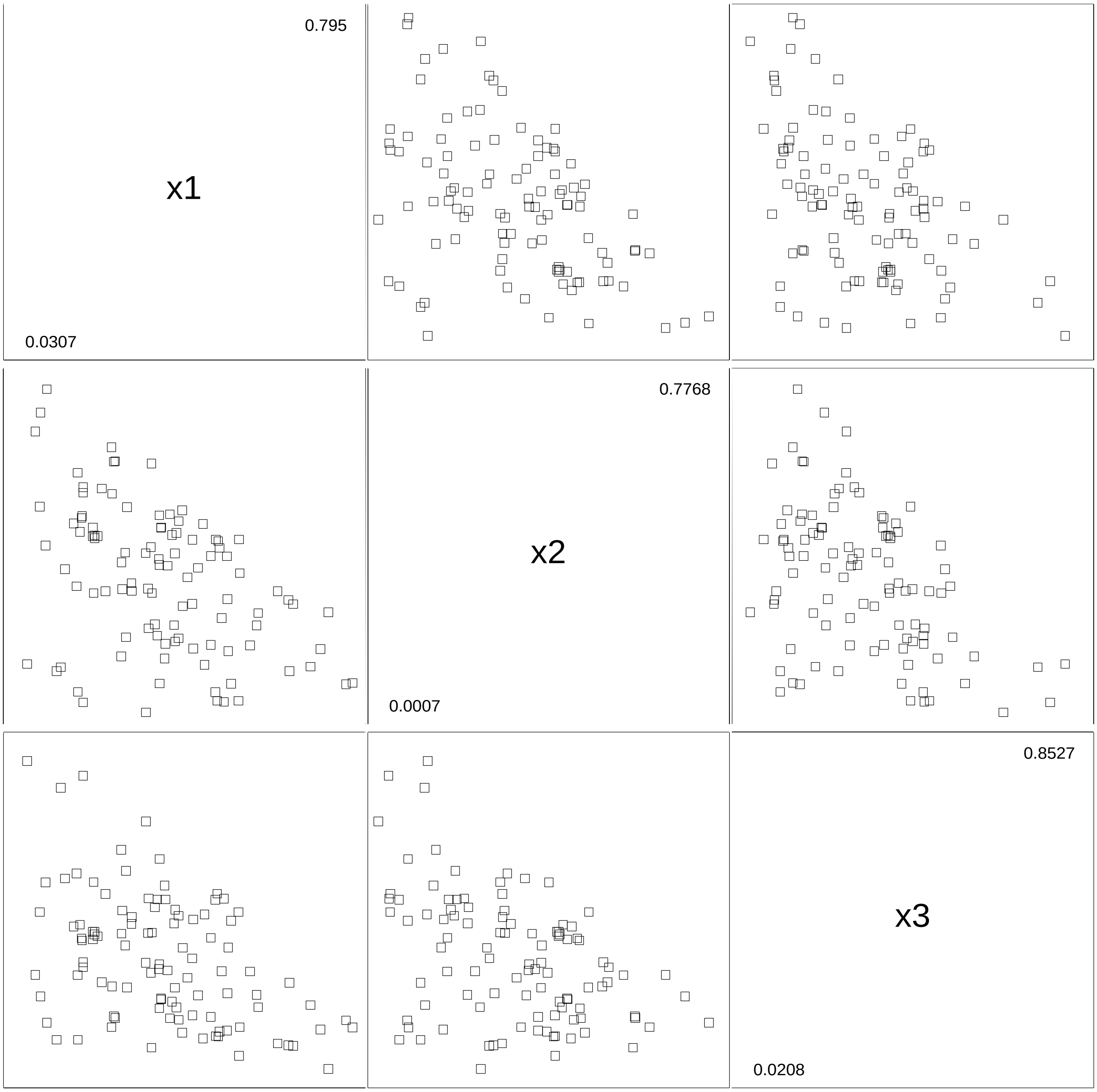


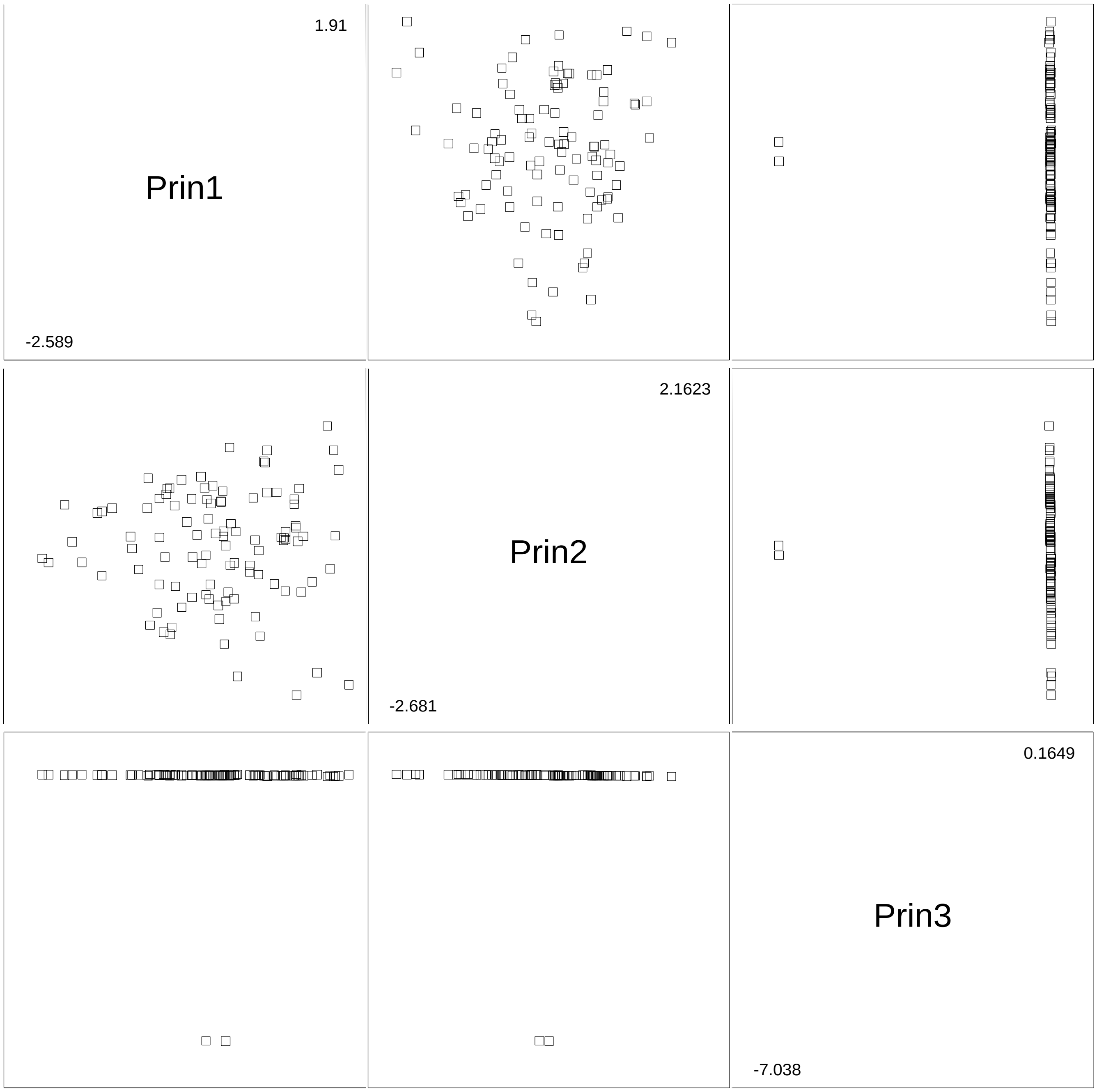
Charts of X1 & X2 show nothing strange
Frequency
30
20
10
0
-2.5
-2.0
-1.5
-1.0
-0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
x2 MIDPOINT


Ex 2: Scatterplot shows bivariate outliers
4
3
2
1
0
-1
-2
-3
x2
-3
-2
-1
0
1
2
3
4
x1



Ex 1: Scatterplot rotated to principal components
Prin2
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-3
-2
-1
0
1
2
3
4
Prin1


0.795
x1
0.0307
0.7768
x2
0.0007
0.8527
x3
0.0208


1.91
Prin1
-2.589
2.1623
Prin2
-2.681
0.1649
Prin3
-7.038