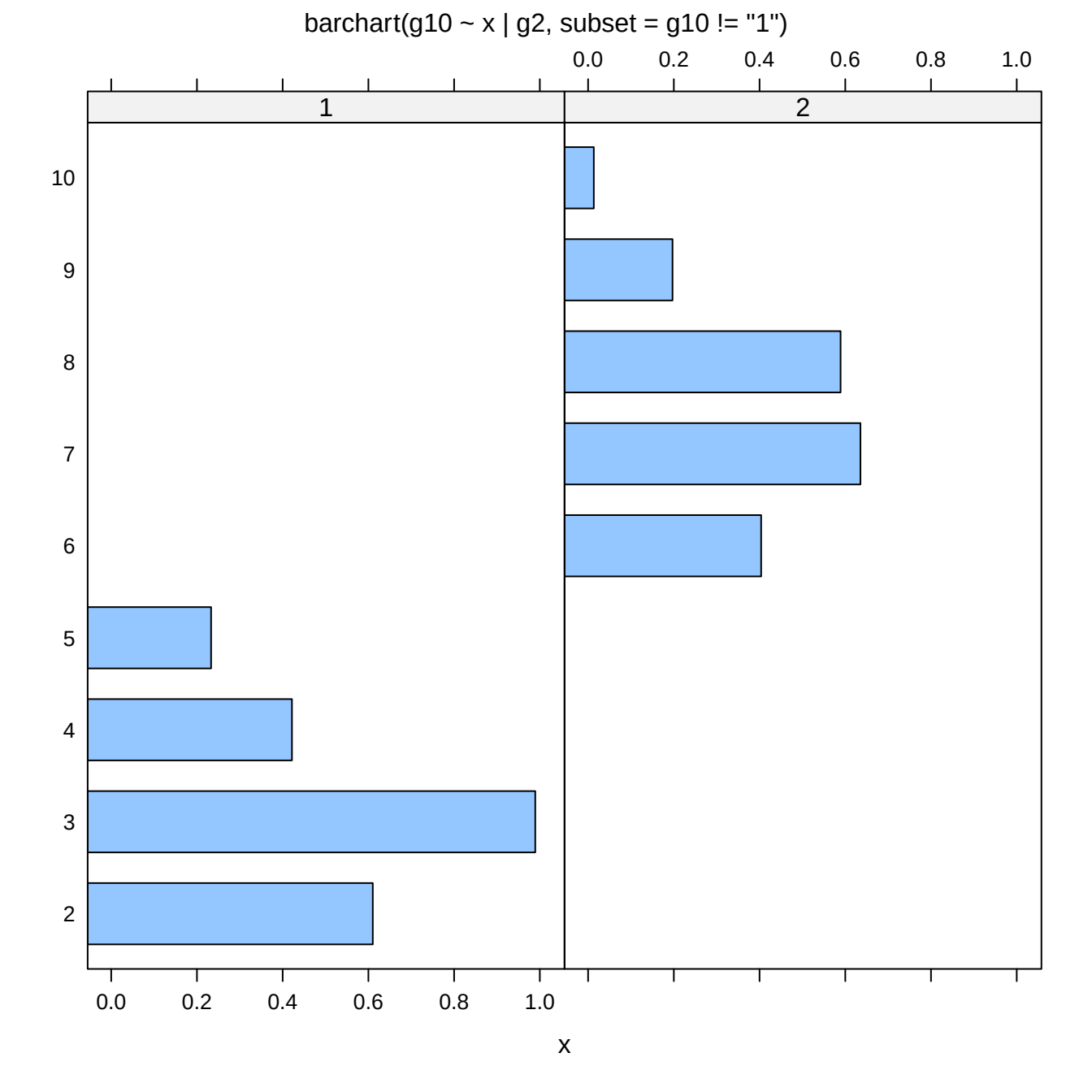
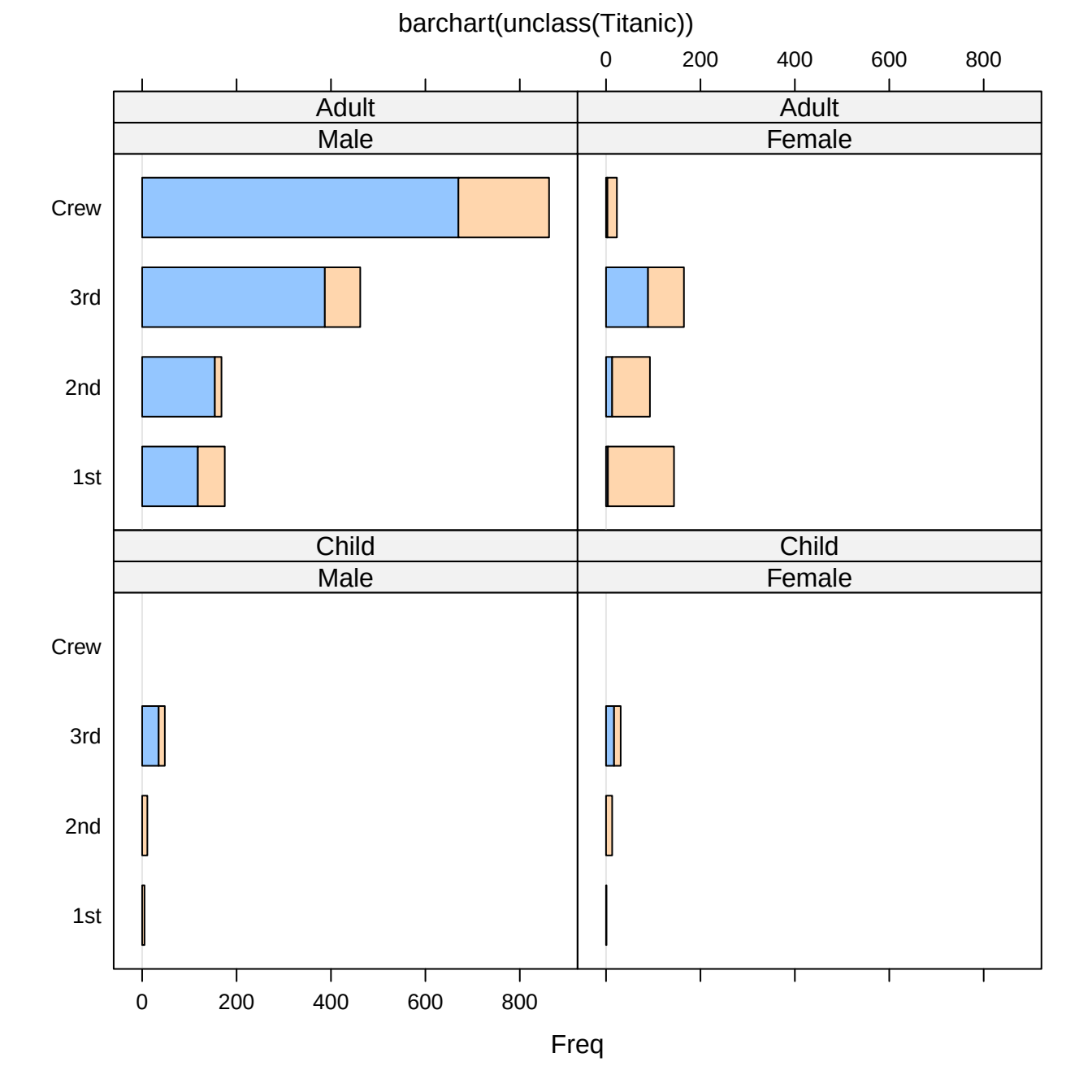
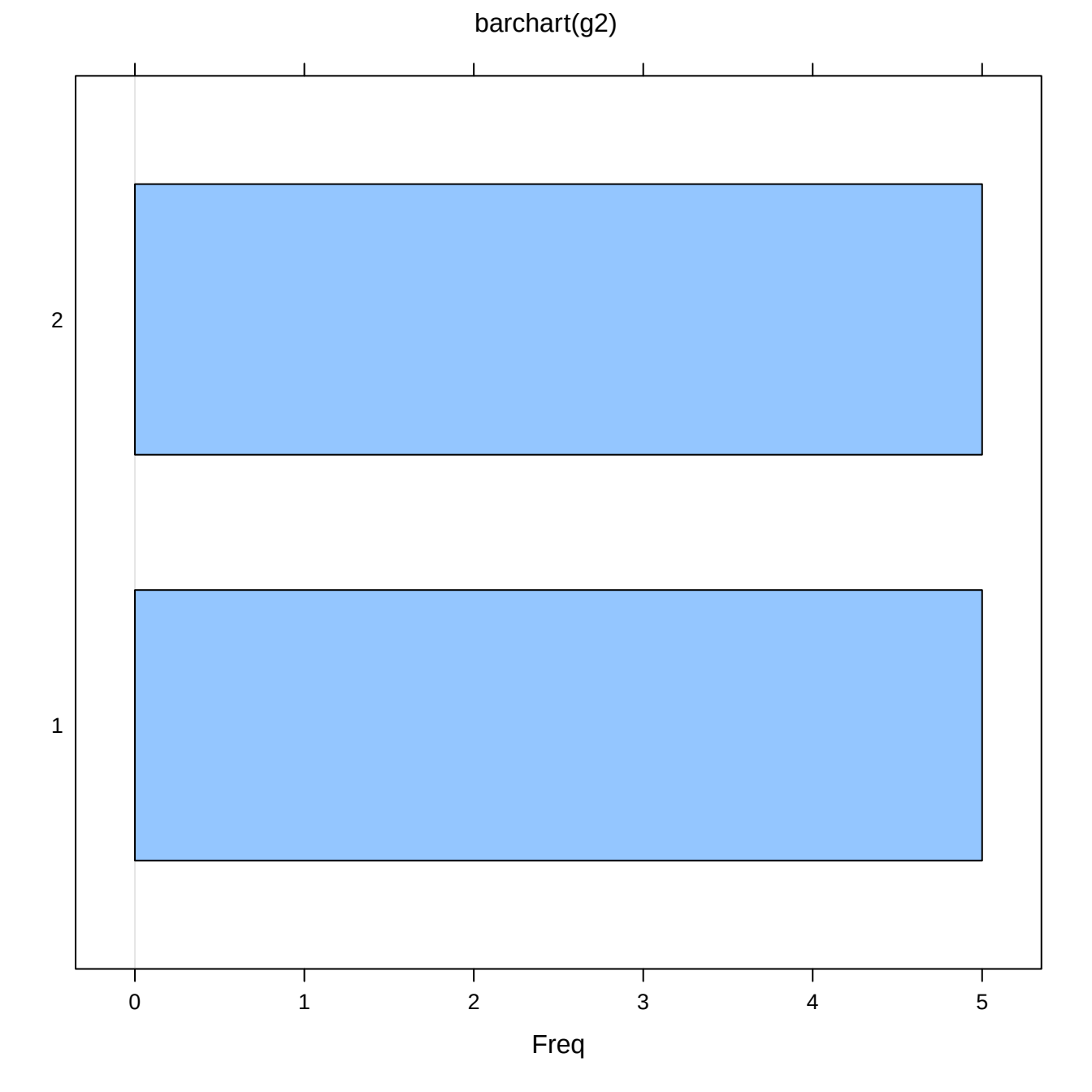
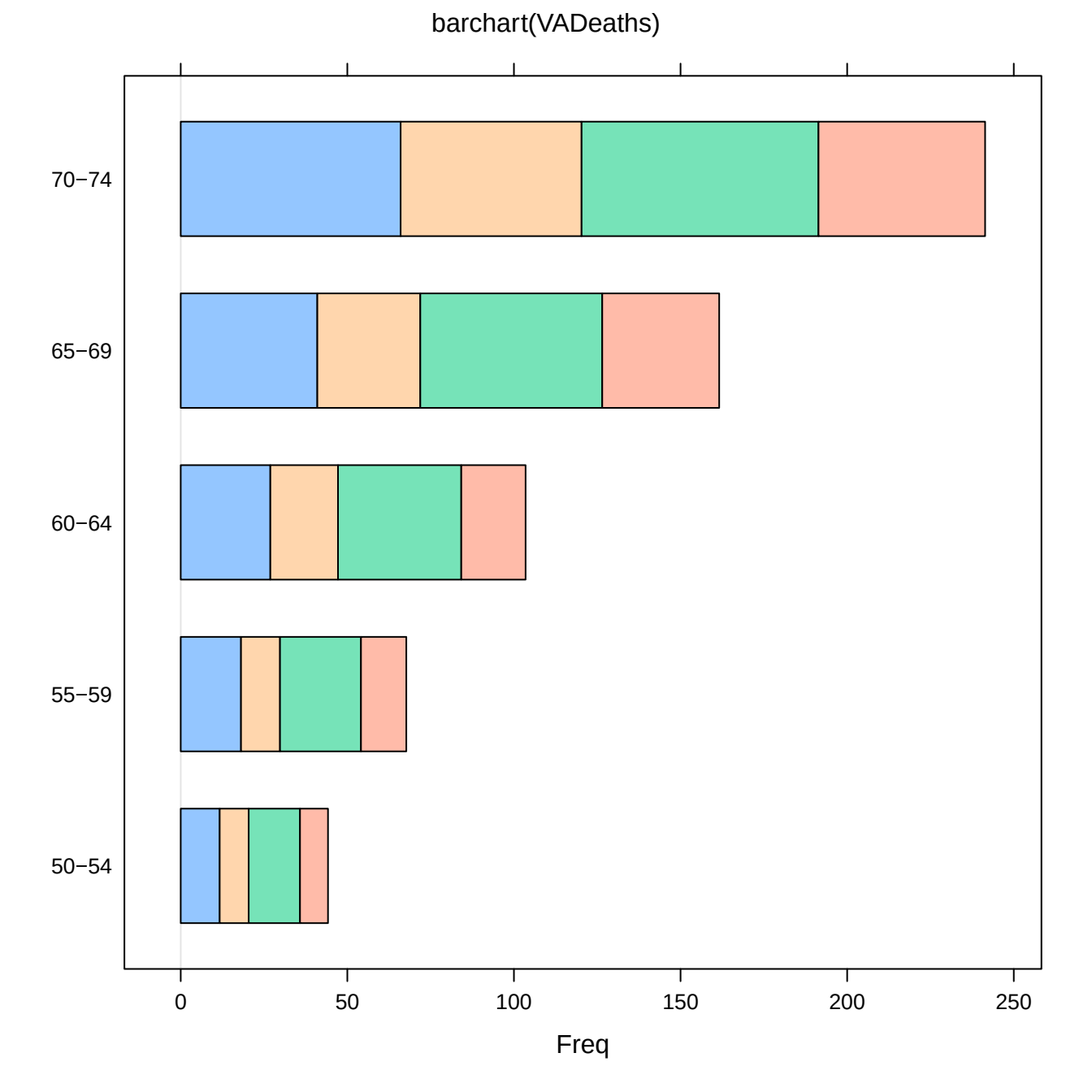
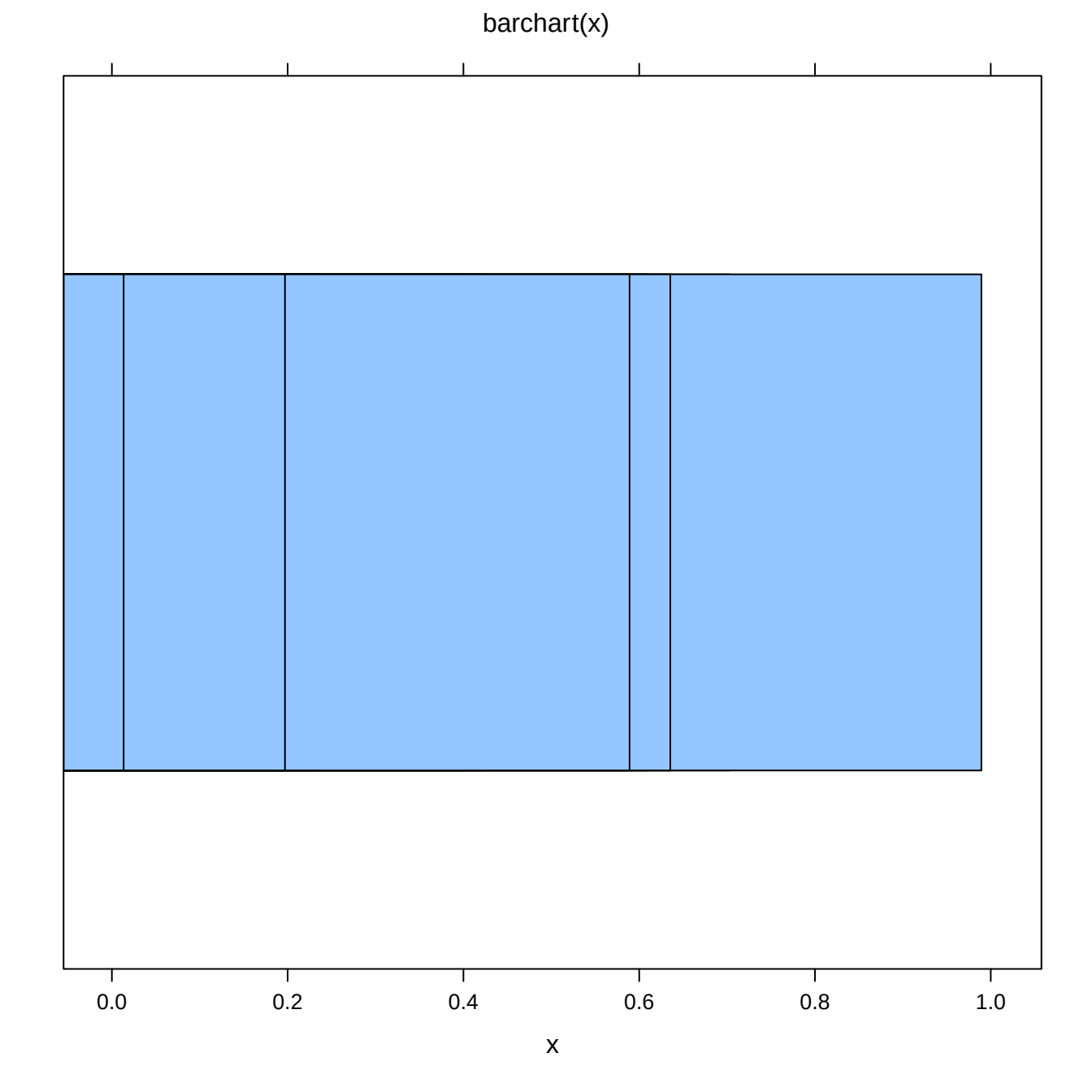
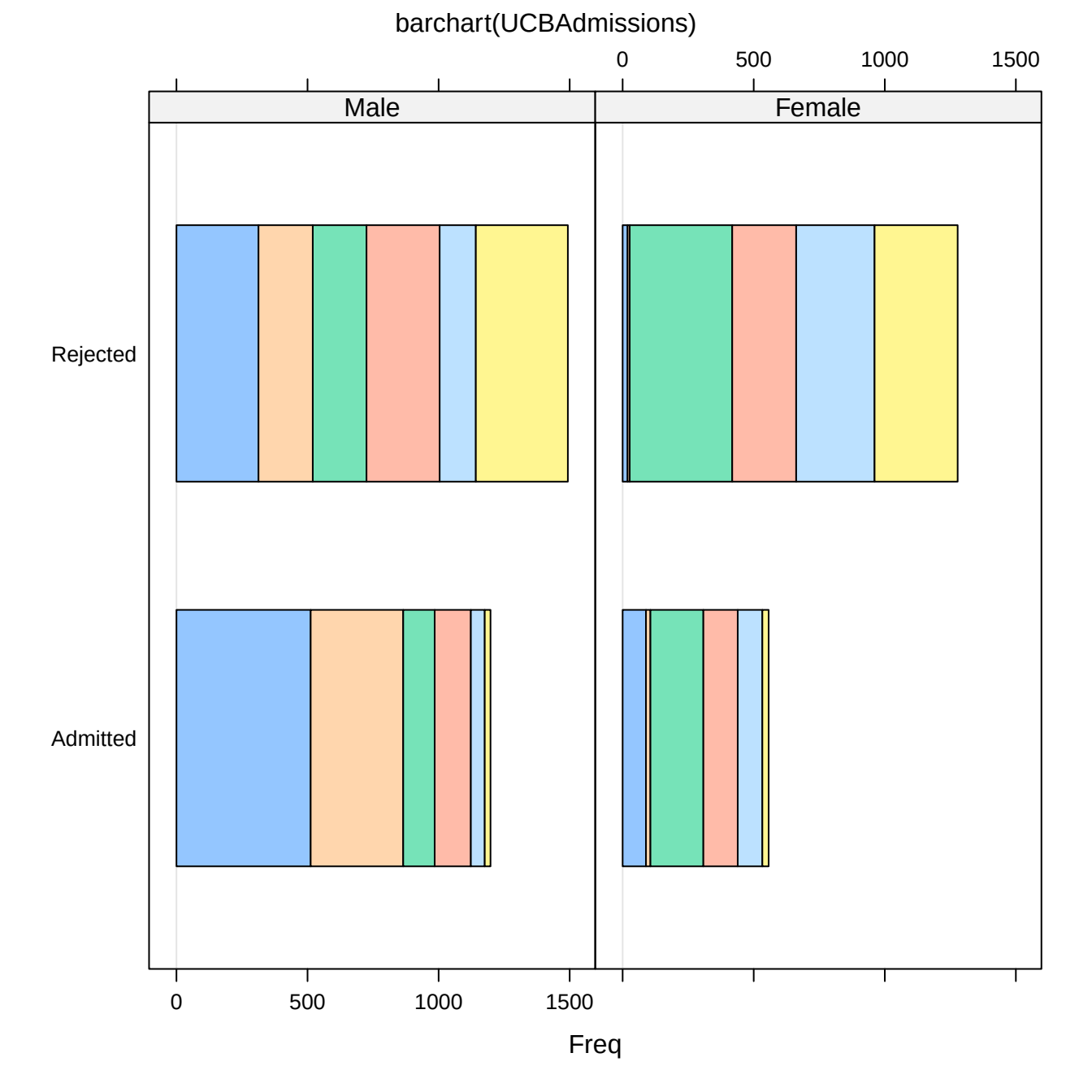

barchart(g10 ~ x | g2, subset = g10 != "1")
0.0
0.2
0.4
0.6
0.8
1.0
1
2
10
9
8
7
6
5
4
3
2
0.0
0.2
0.4
0.6
0.8
1.0
x

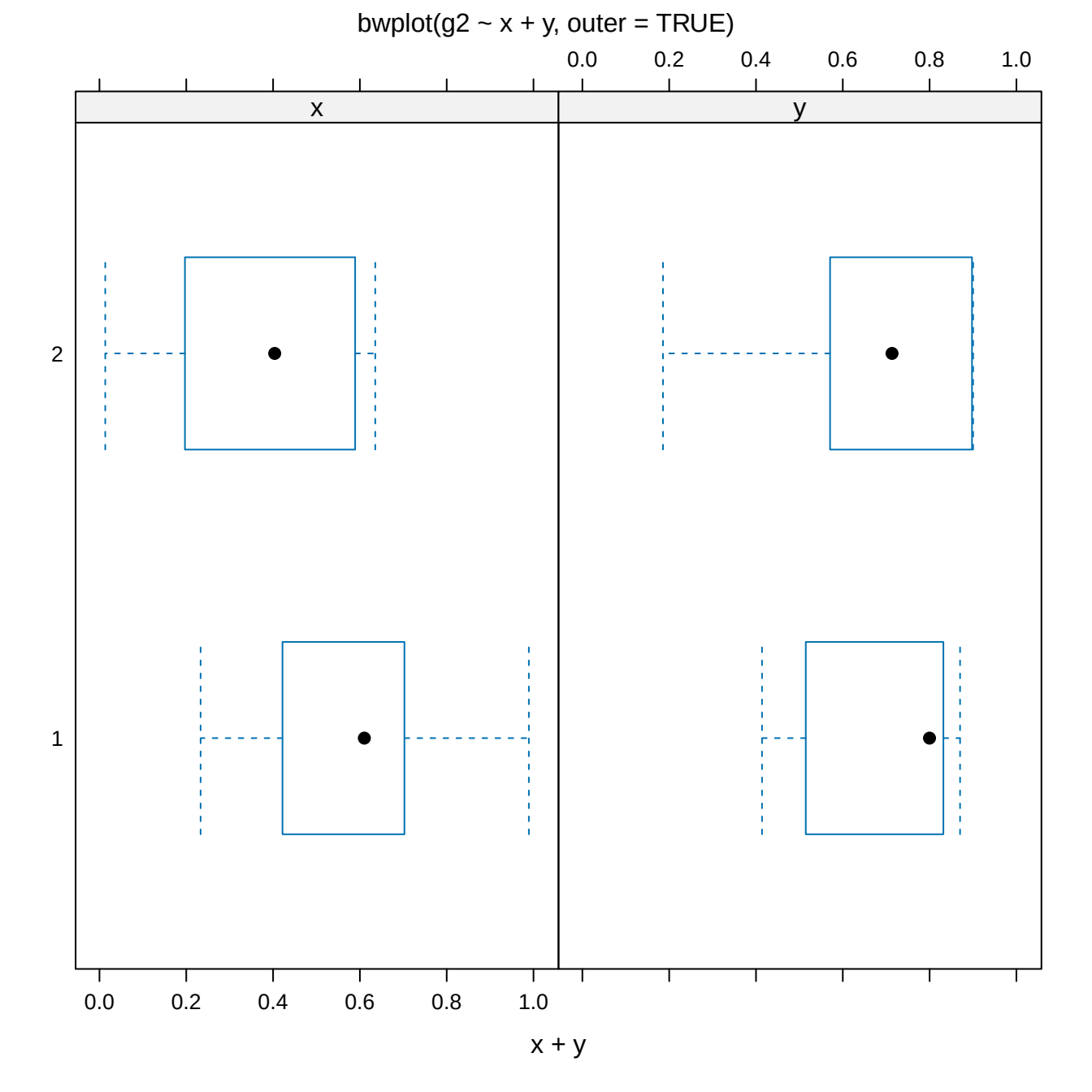

barchart(unclass(Titanic))
0
200
400
600
800
Adult
Male
Adult
Female
Crew
3rd
2nd
1st
Child
Male
Child
Female
Crew
3rd
2nd
1st
0
200
400
600
800
Freq

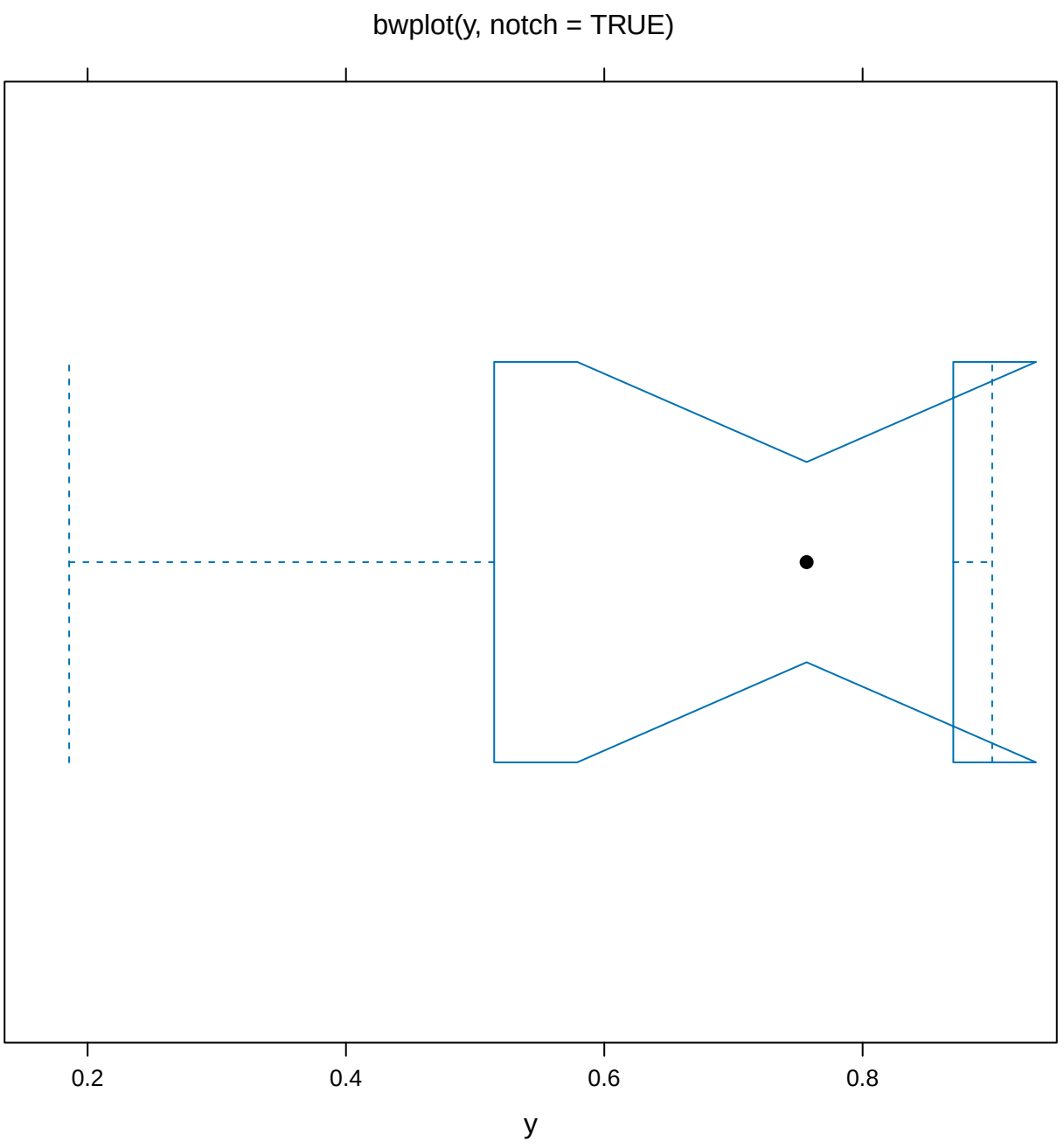

barchart(g2)
2
1
0
1
2
3
4
5
Freq

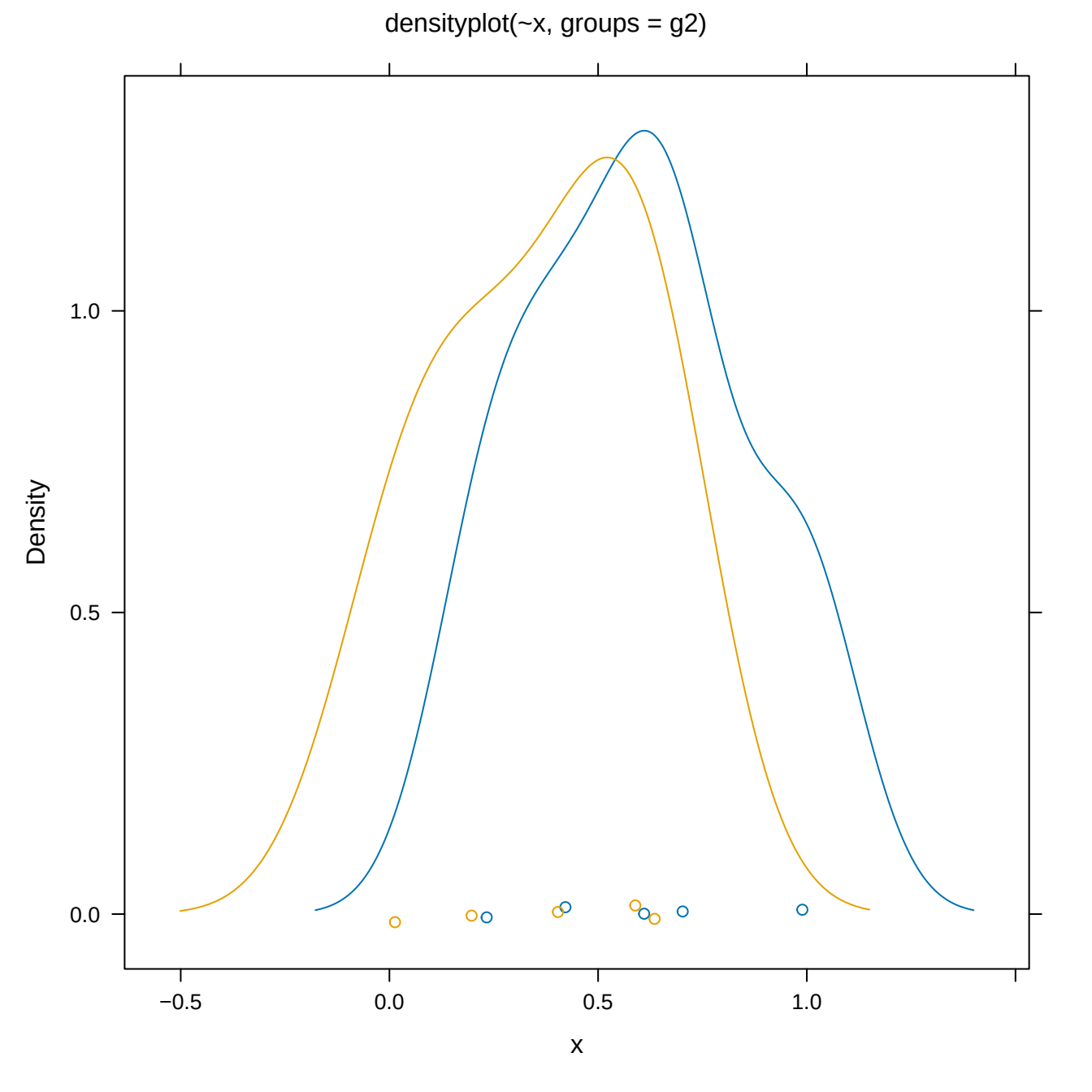

barchart(VADeaths)
70−74
65−69
60−64
55−59
50−54
0
50
100
150
200
250
Freq

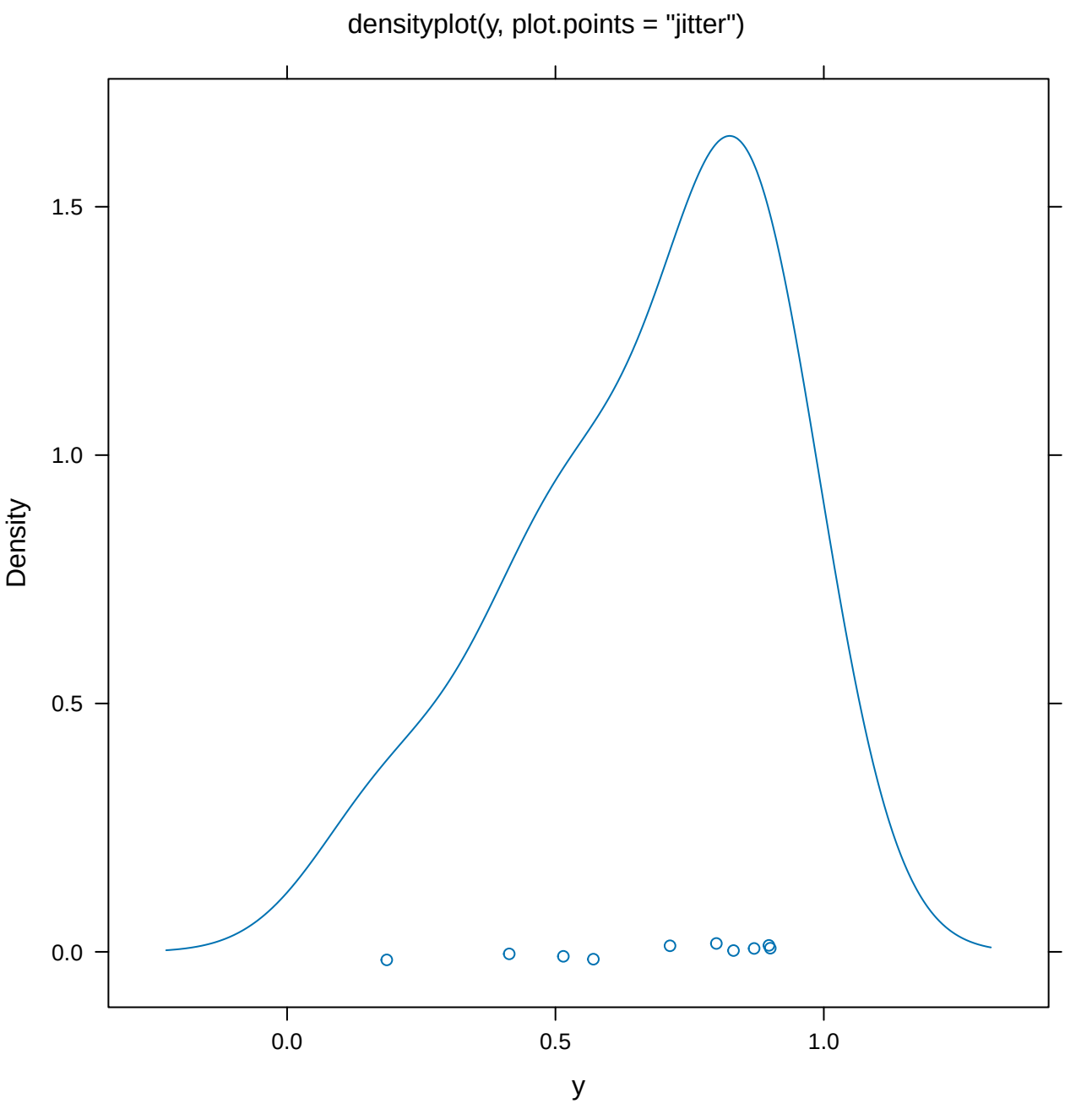

barchart(x)
0.0
0.2
0.4
0.6
0.8
1.0
x

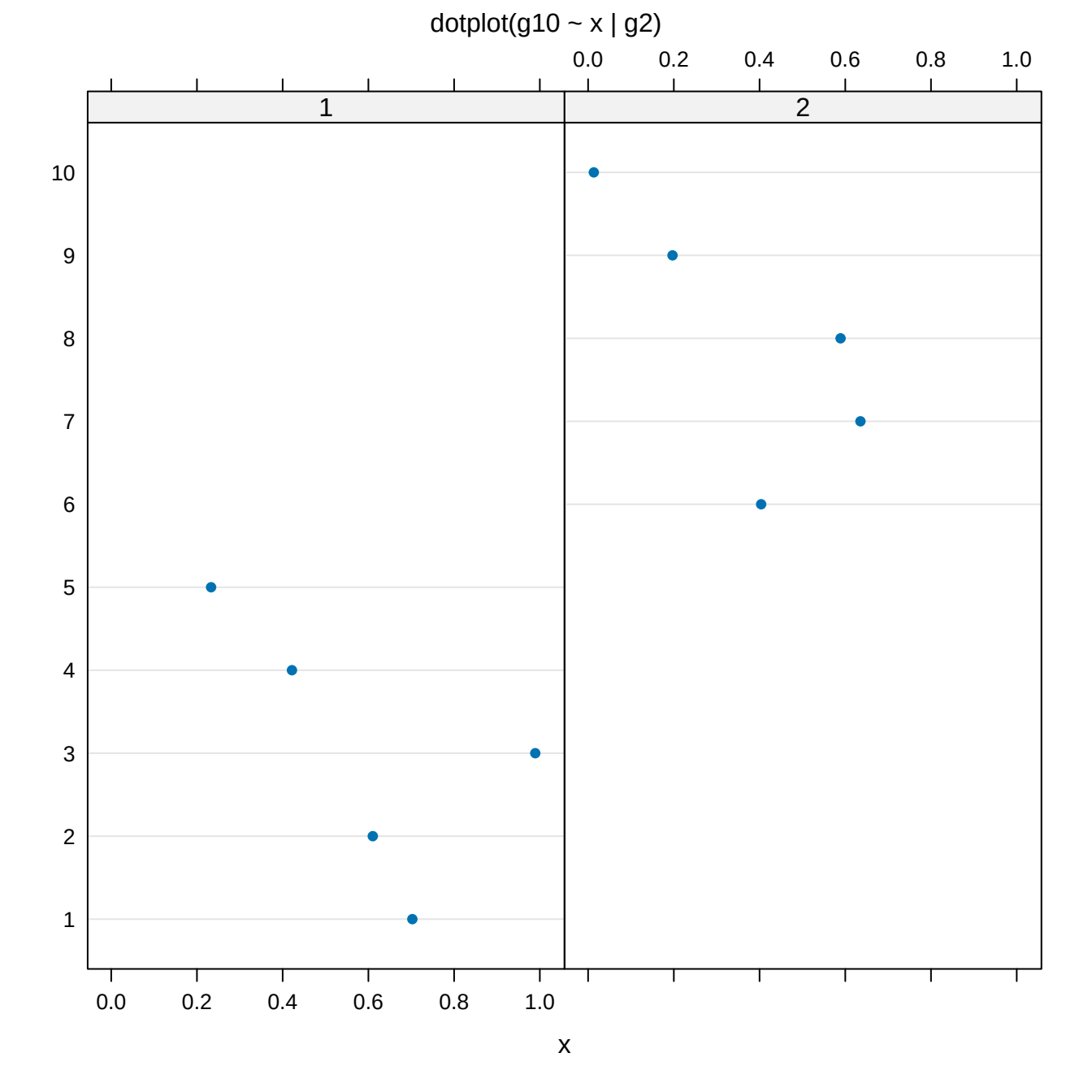

barchart(UCBAdmissions)
0
500
1000
1500
Male
Female
Rejected
Admitted
0
500
1000
1500
Freq

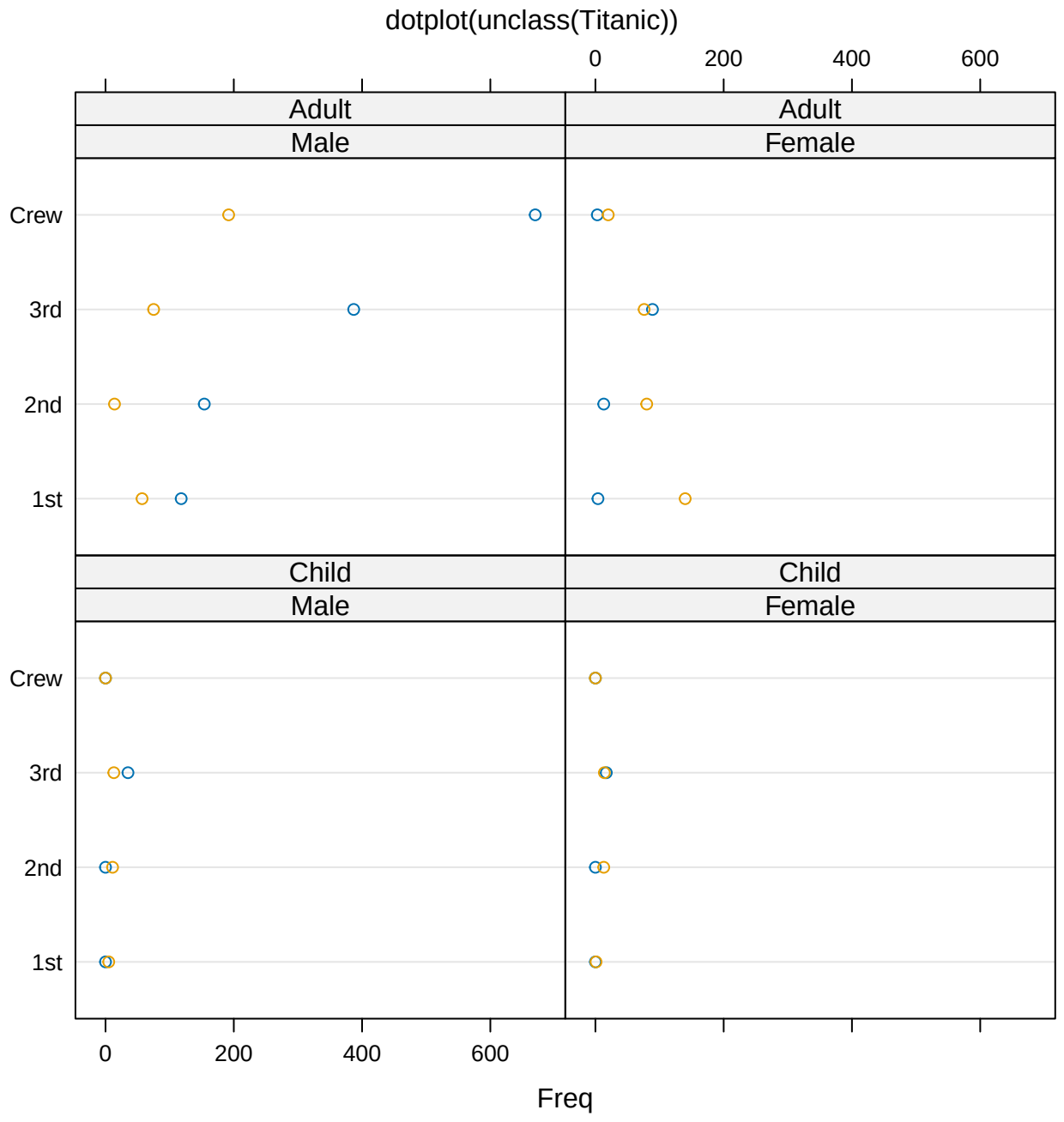

bwplot(g2 ~ x + y, outer = TRUE)
0.0
0.2
0.4
0.6
0.8
1.0
x
y
2
1
0.0
0.2
0.4
0.6
0.8
1.0
x + y

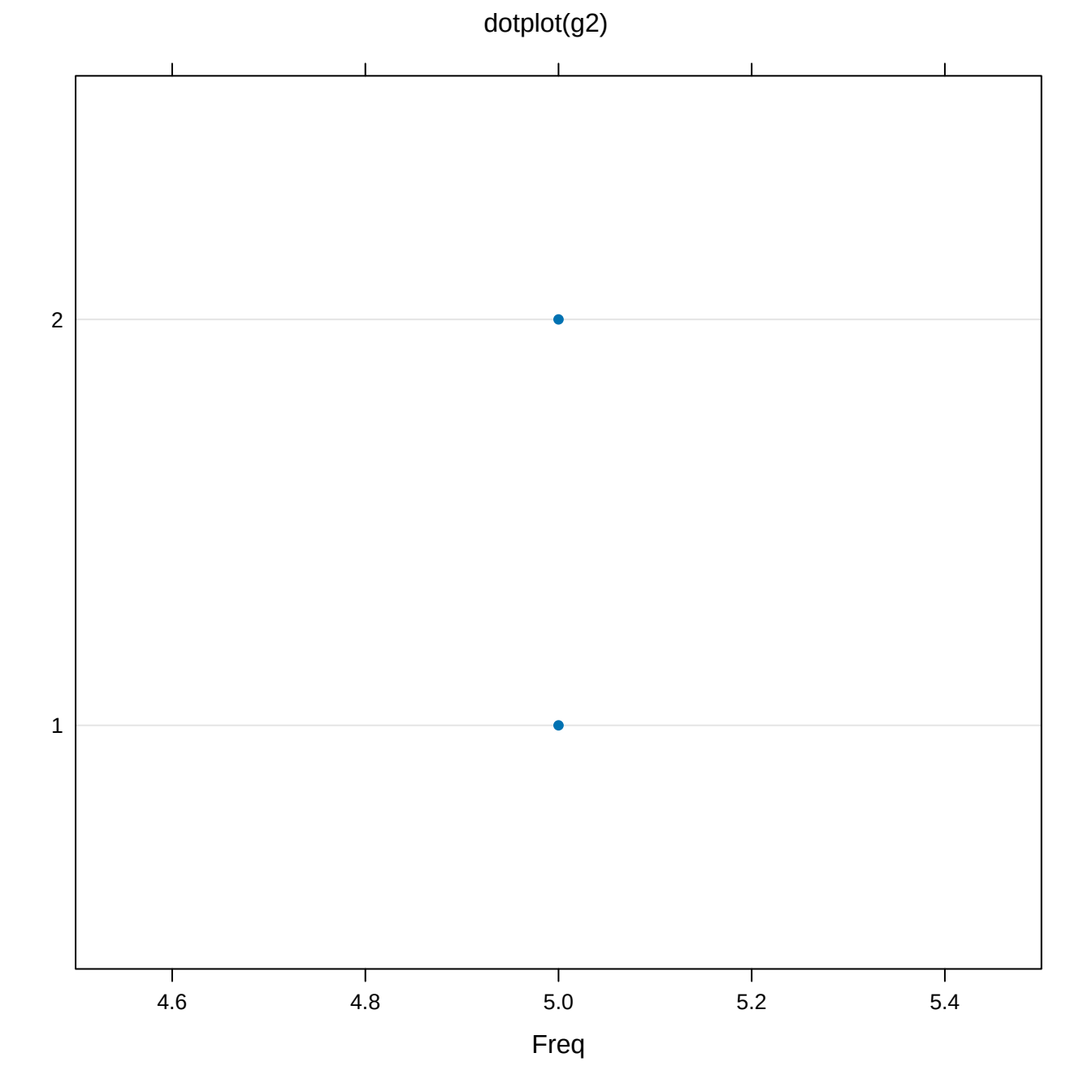

bwplot(y, notch = TRUE)
0.2
0.4
0.6
0.8
y

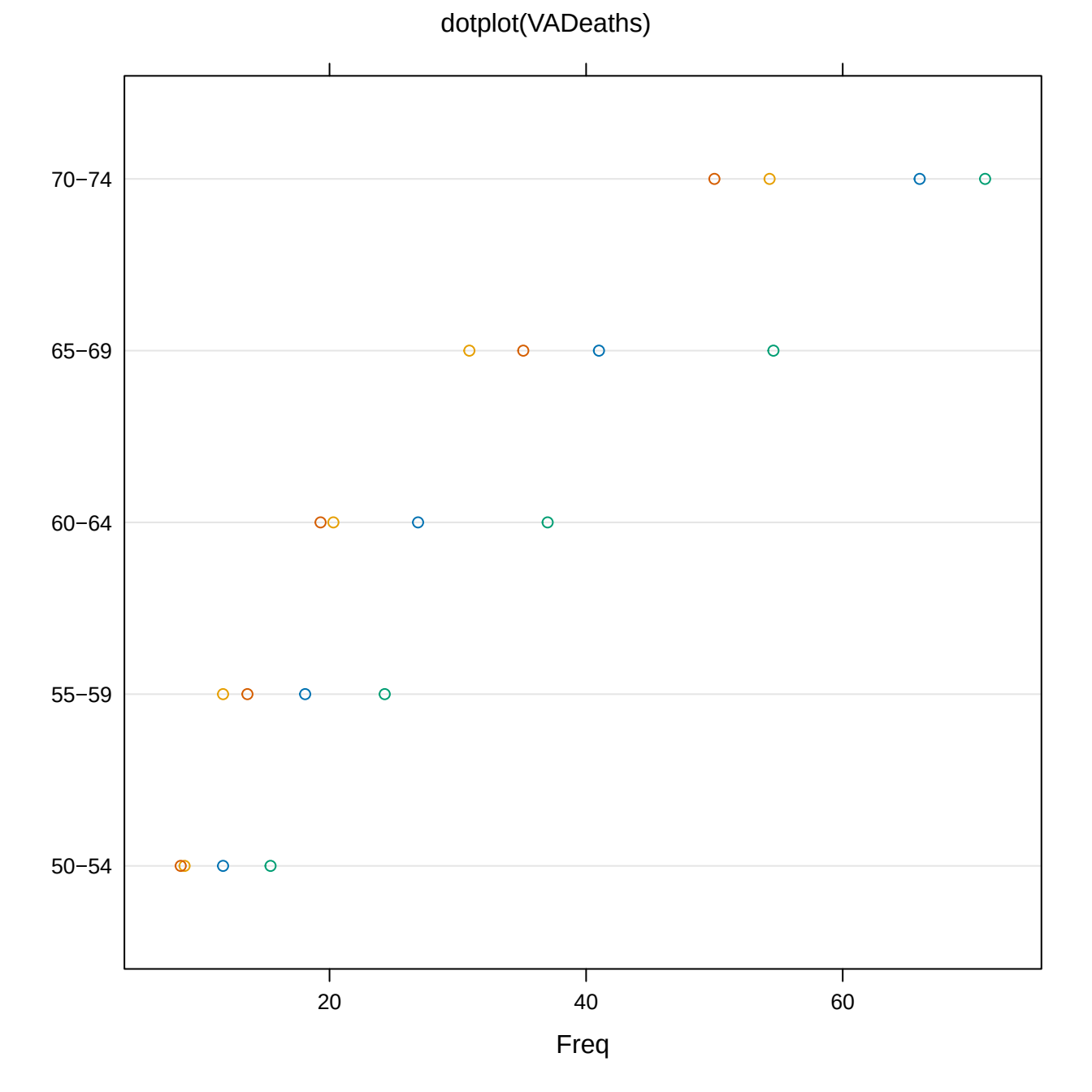

densityplot(~x, groups = g2)
Density
1.0
0.5
0.0
−0.5
0.0
0.5
1.0
x

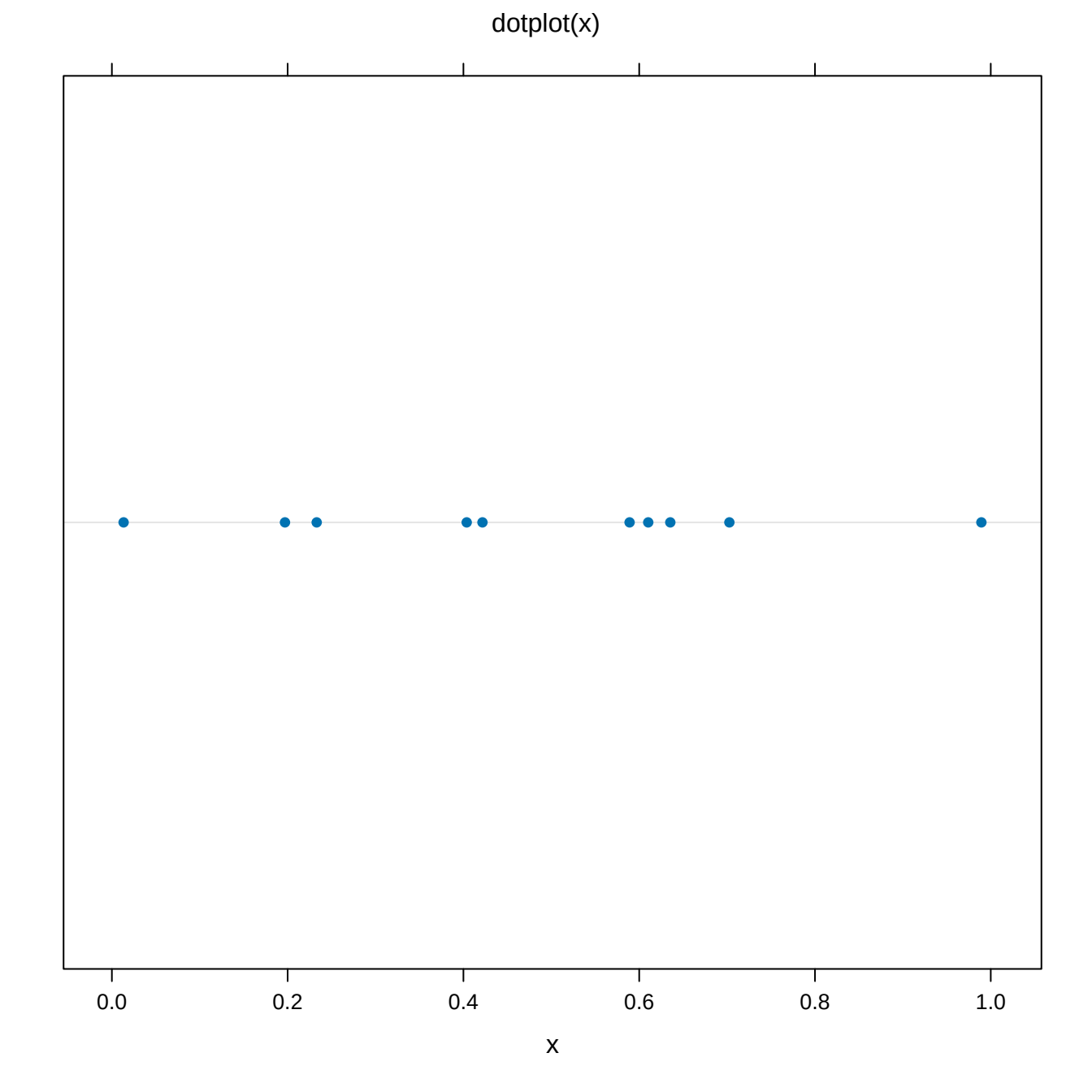

densityplot(y, plot.points = "jitter")
Density
0.0
0.5
1.0
1.5
0.0
0.5
1.0
y

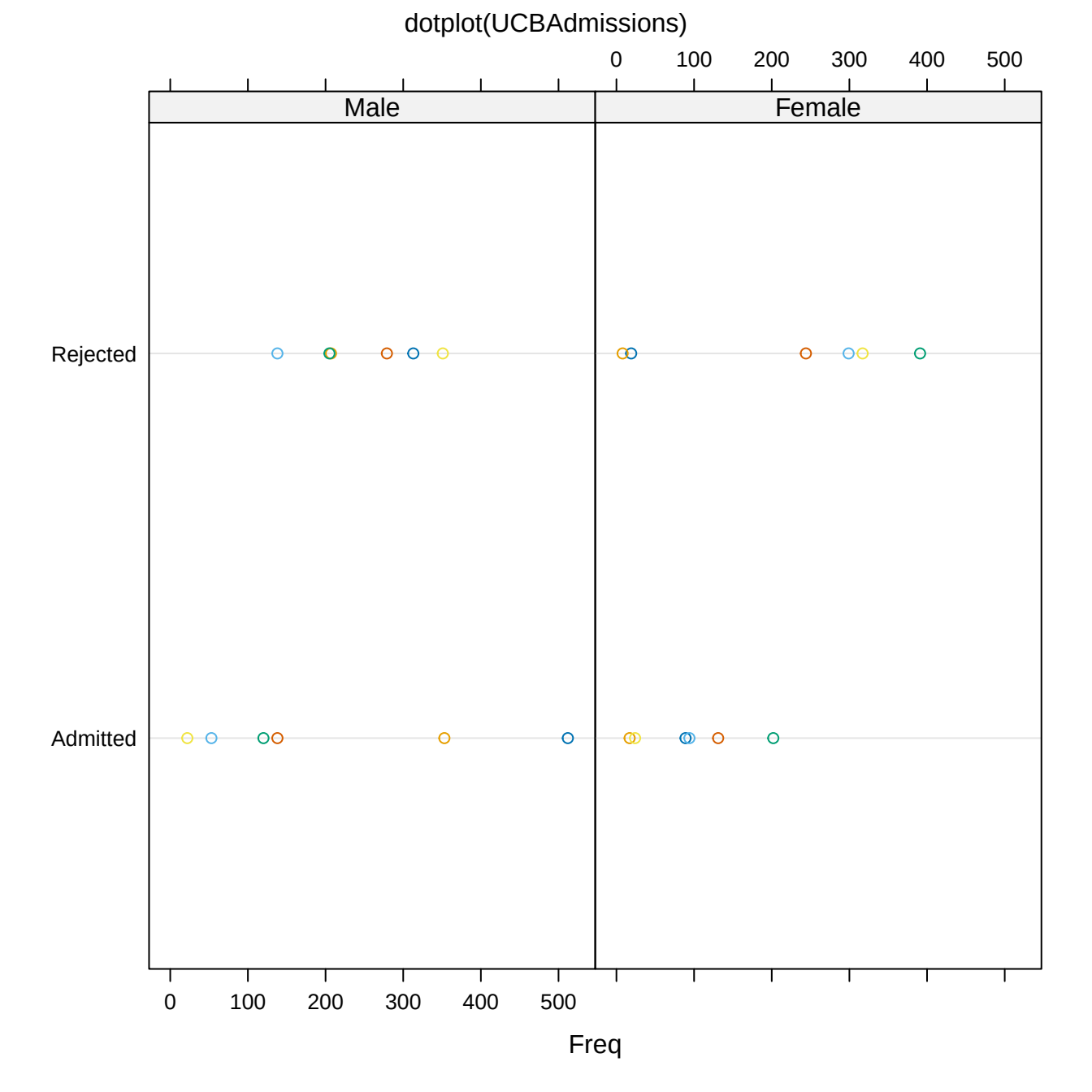

dotplot(g10 ~ x | g2)
0.0
0.2
0.4
0.6
0.8
1.0
1
2
10
9
8
7
6
5
4
3
2
1
0.0
0.2
0.4
0.6
0.8
1.0
x

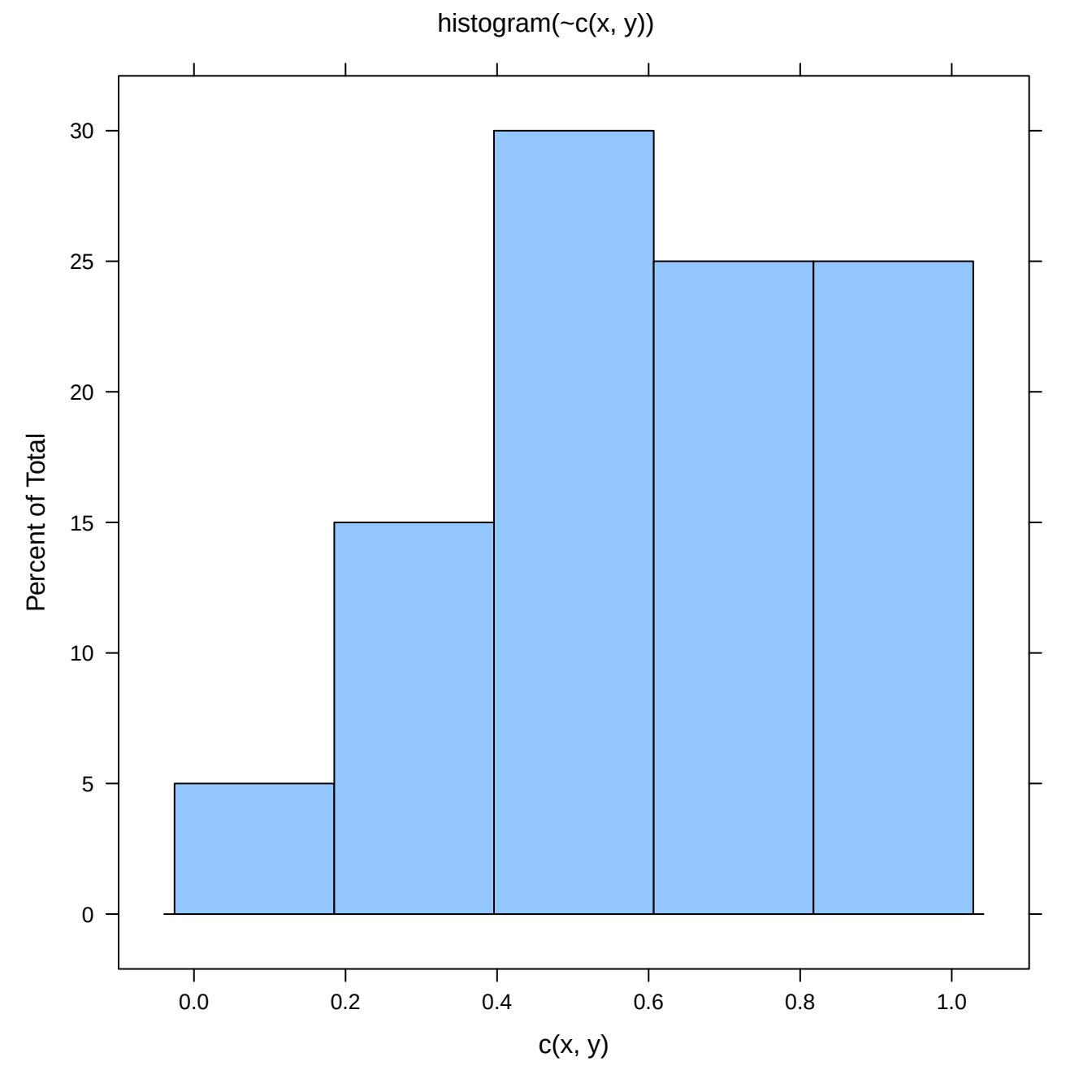

dotplot(unclass(Titanic))
0
200
400
600
Adult
Male
Adult
Female
Child
Male
Child
Female
Crew
3rd
2nd
1st
0
200
400
600
Freq

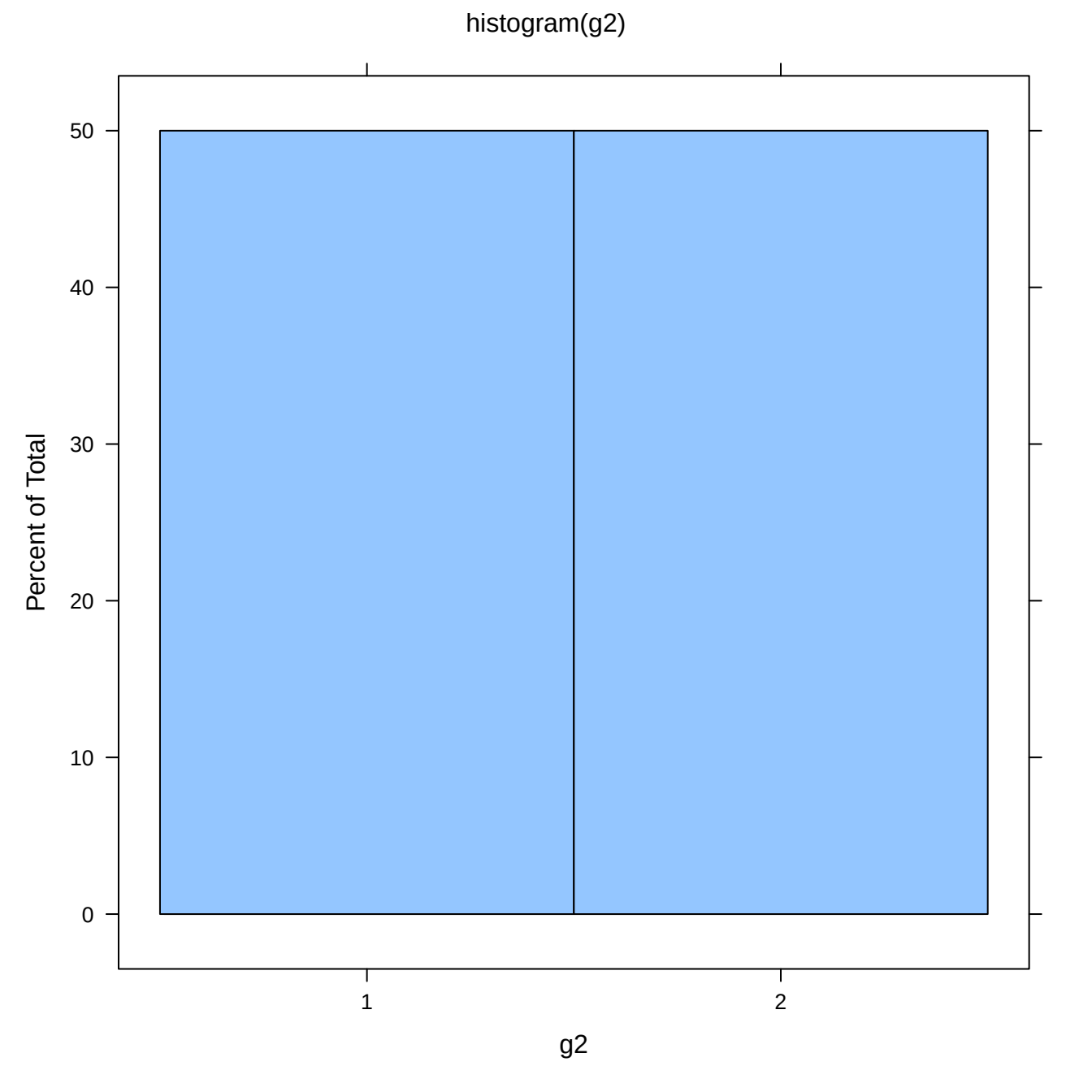

dotplot(g2)
2
1
4.6
4.8
5.0
5.2
5.4
Freq

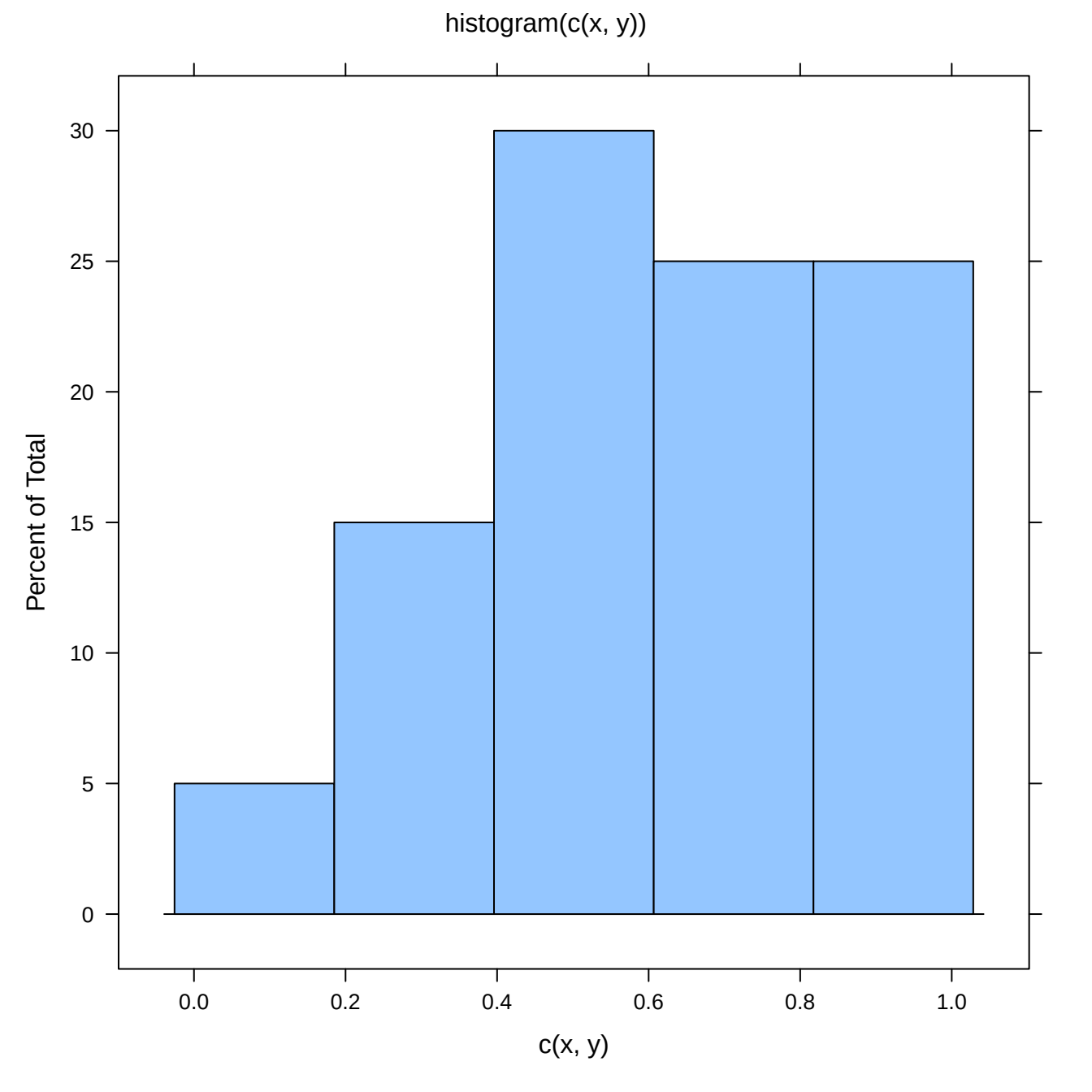

dotplot(VADeaths)
70−74
65−69
60−64
55−59
50−54
20
40
60
Freq

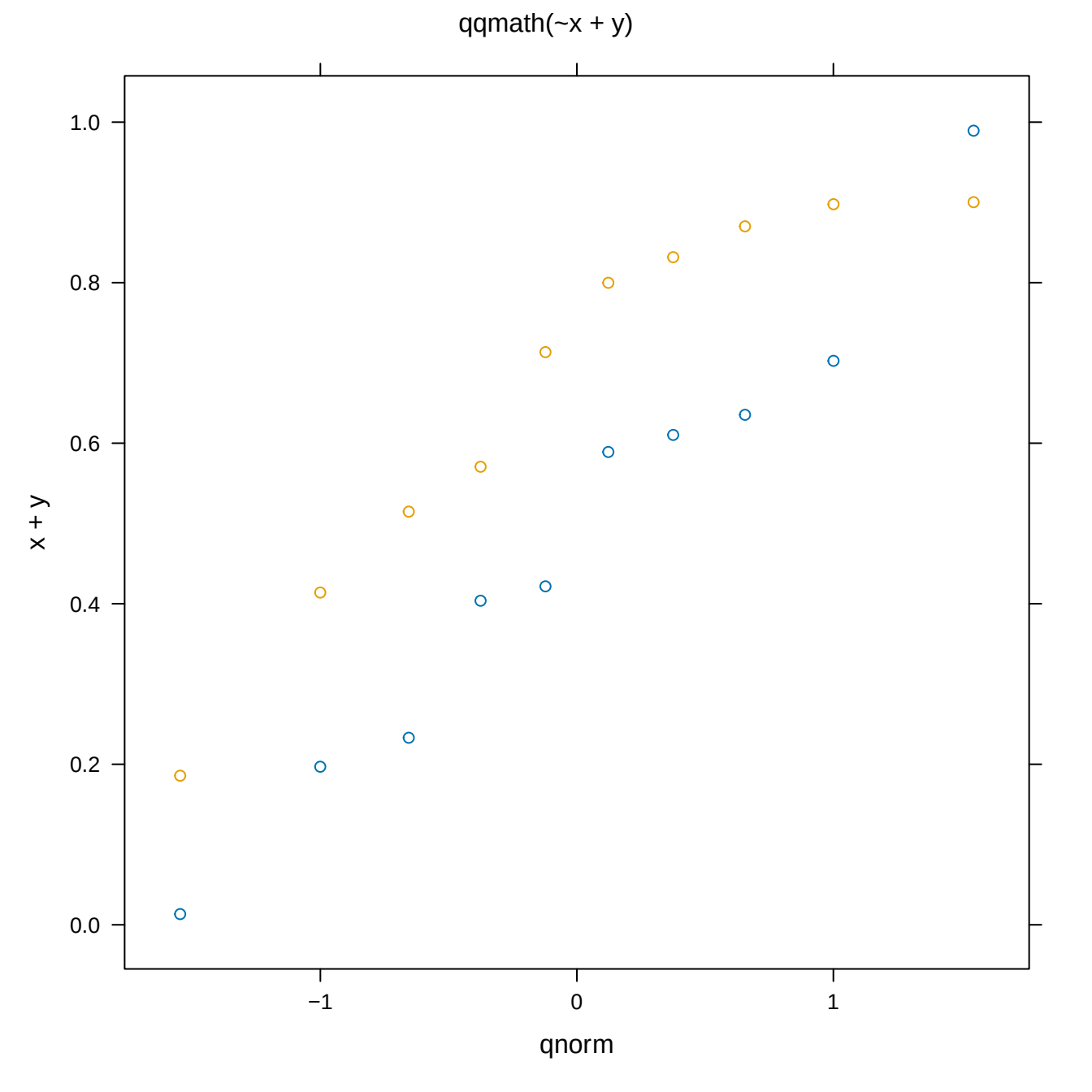

dotplot(x)
0.0
0.2
0.4
0.6
0.8
1.0
x

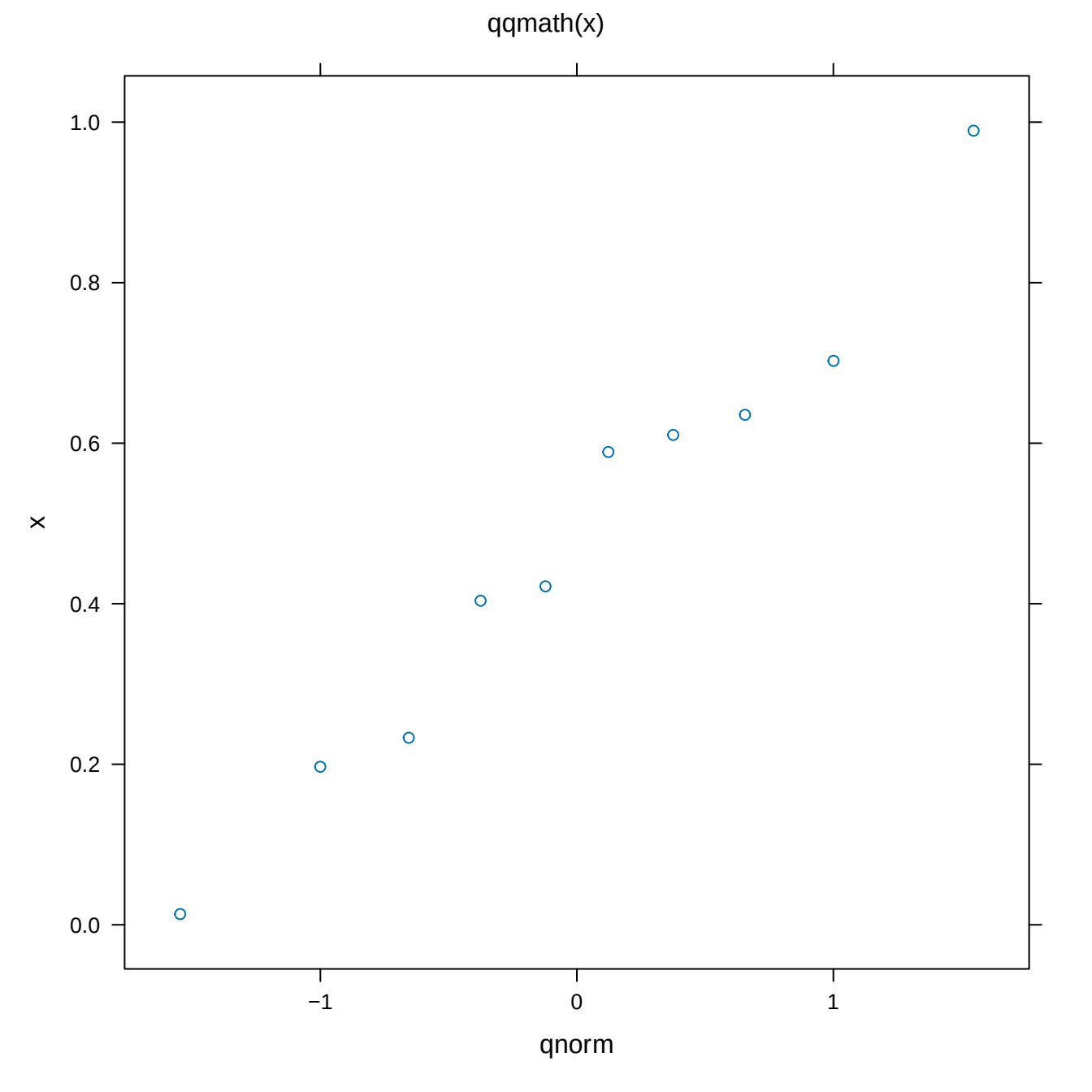

dotplot(UCBAdmissions)
Male
Female
Rejected
Admitted
0
100
200
300
400
500
Freq

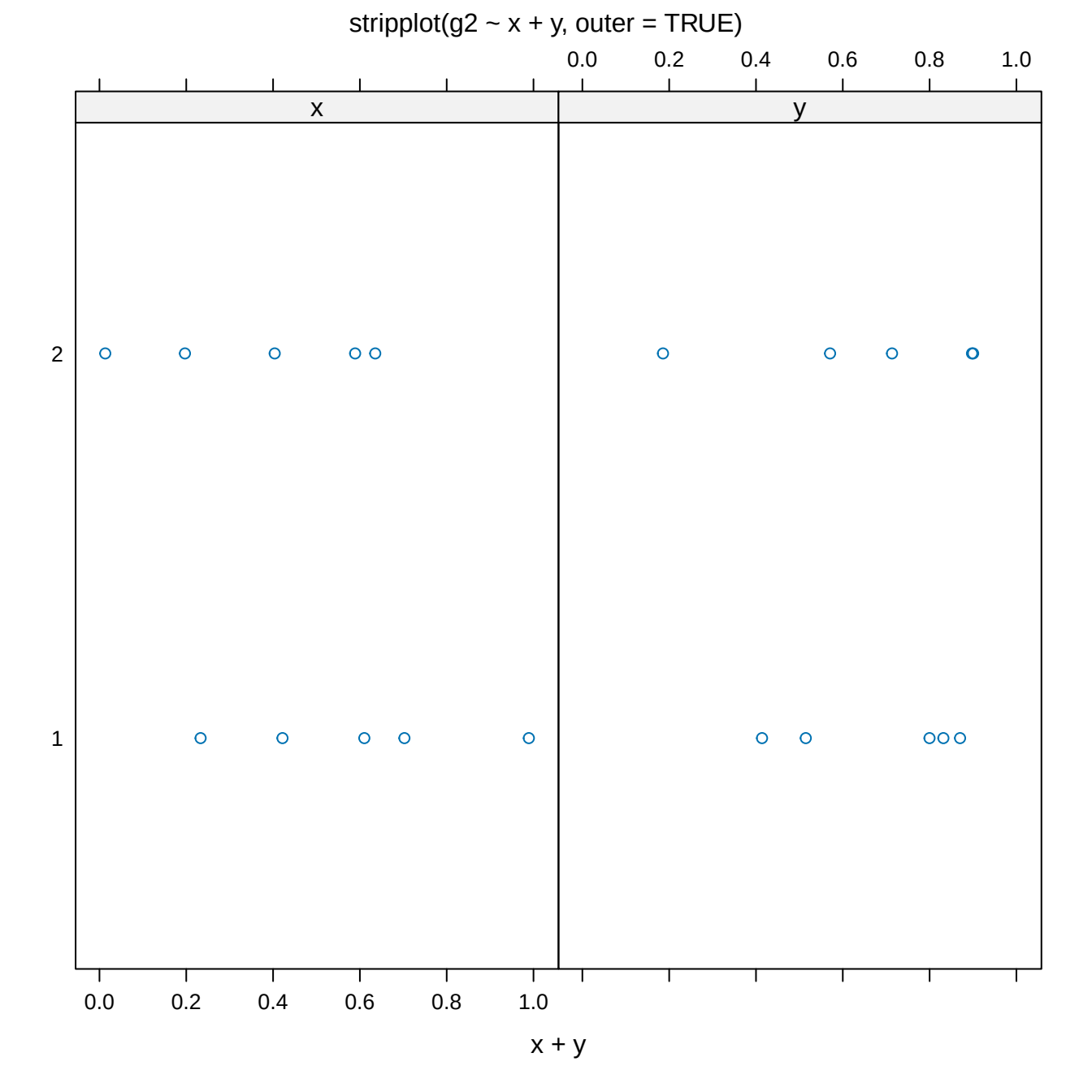

histogram(~c(x, y))
Percent of Total
30
25
20
15
10
5
0
0.0
0.2
0.4
0.6
0.8
1.0
c(x, y)

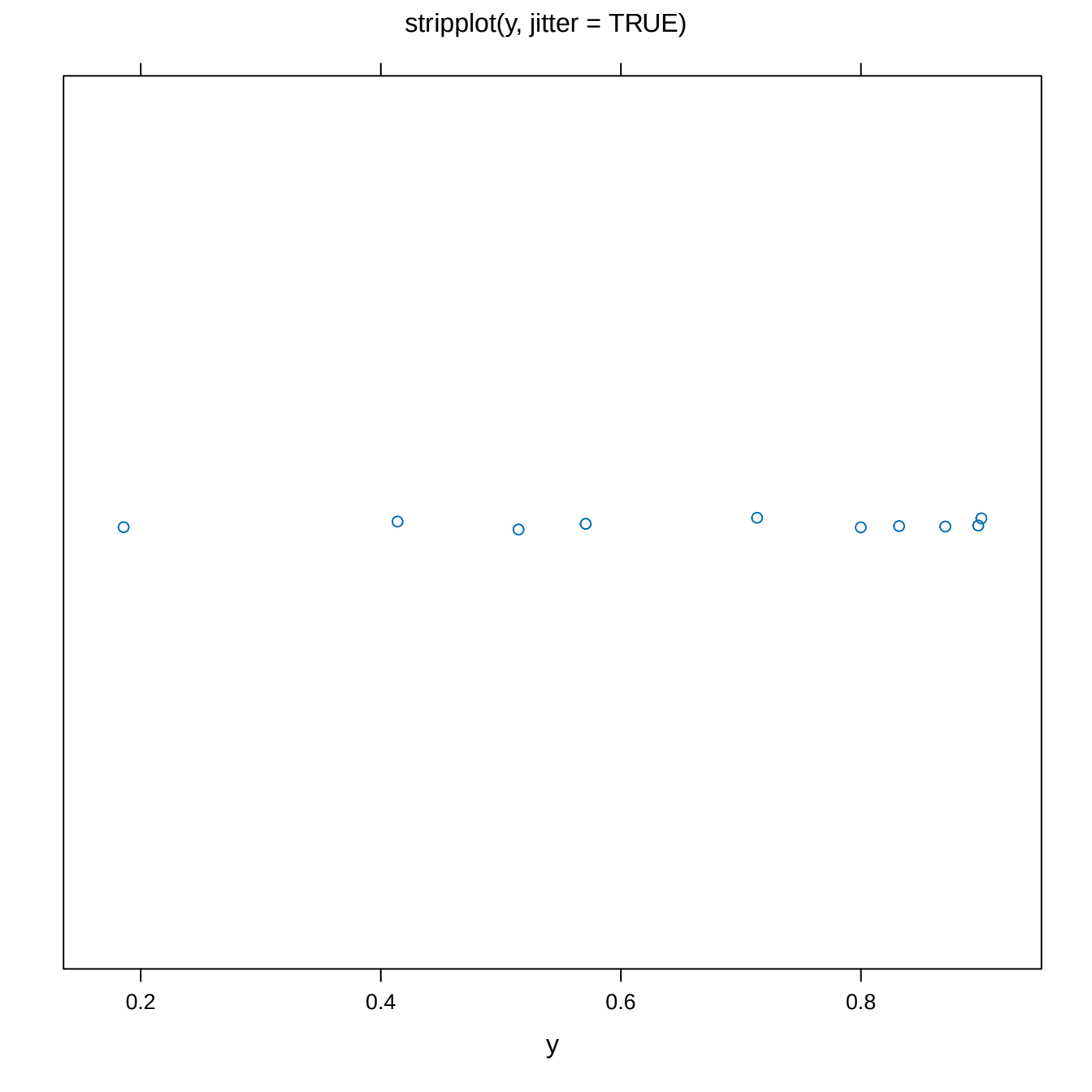

histogram(g2)
Percent of Total
50
40
30
20
10
0
1
2
g2

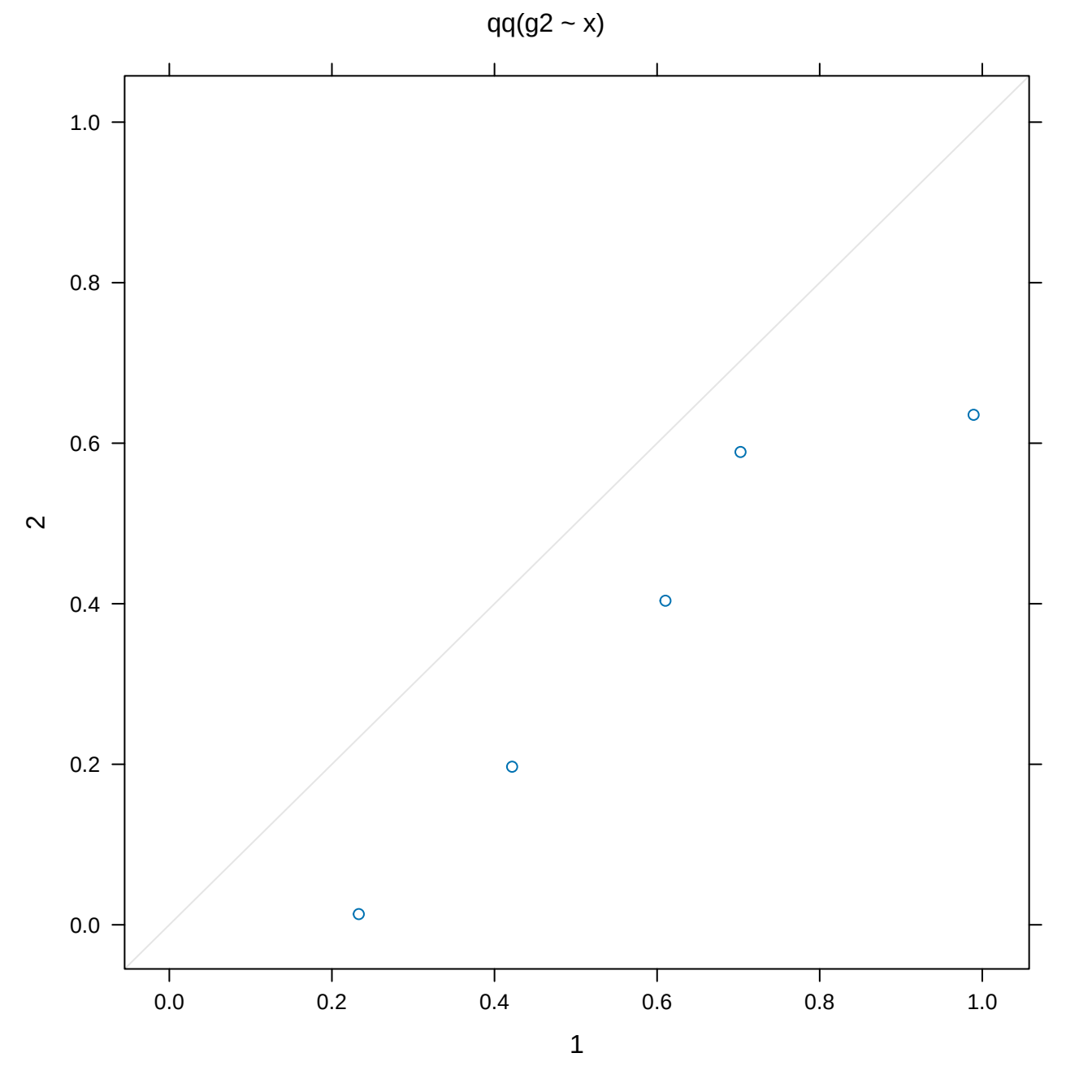

histogram(c(x, y))
Percent of Total
30
25
20
15
10
5
0
0.0
0.2
0.4
0.6
0.8
1.0
c(x, y)

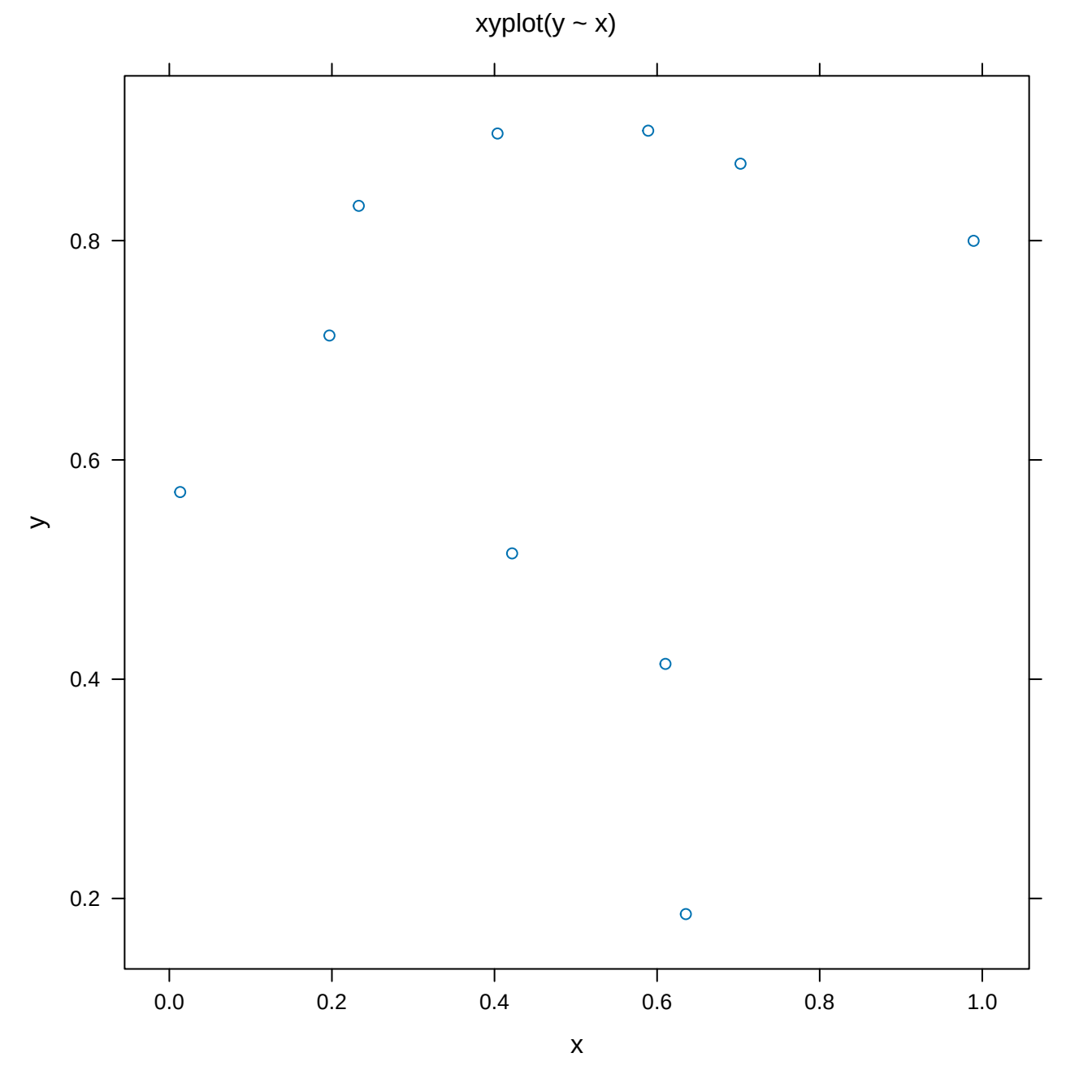

qqmath(~x + y)
1.0
0.8
0.6
0.4
0.2
0.0
x + y
−1
0
1
qnorm

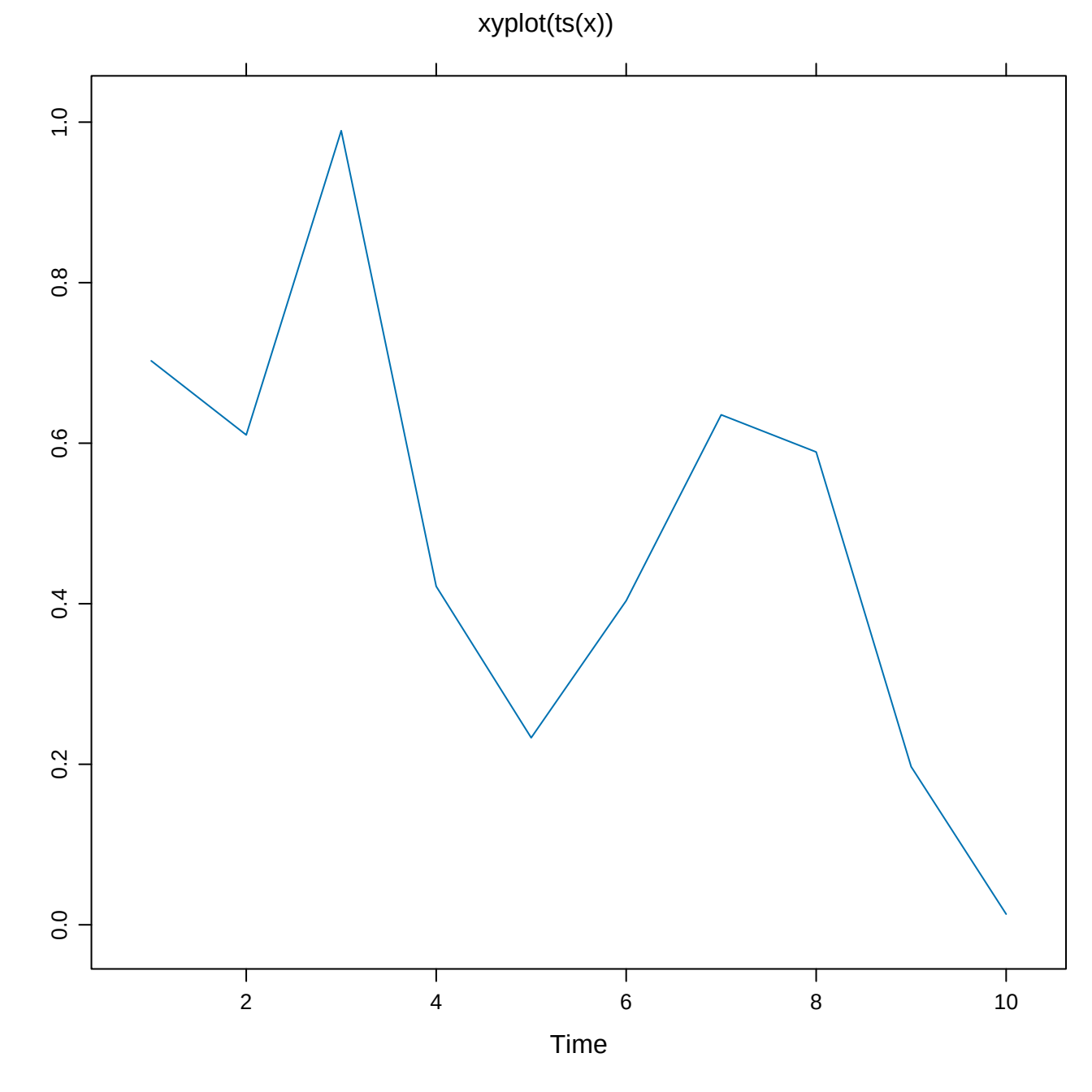

qqmath(x)
1.0
0.8
0.6
0.4
0.2
0.0
x
−1
0
1
qnorm

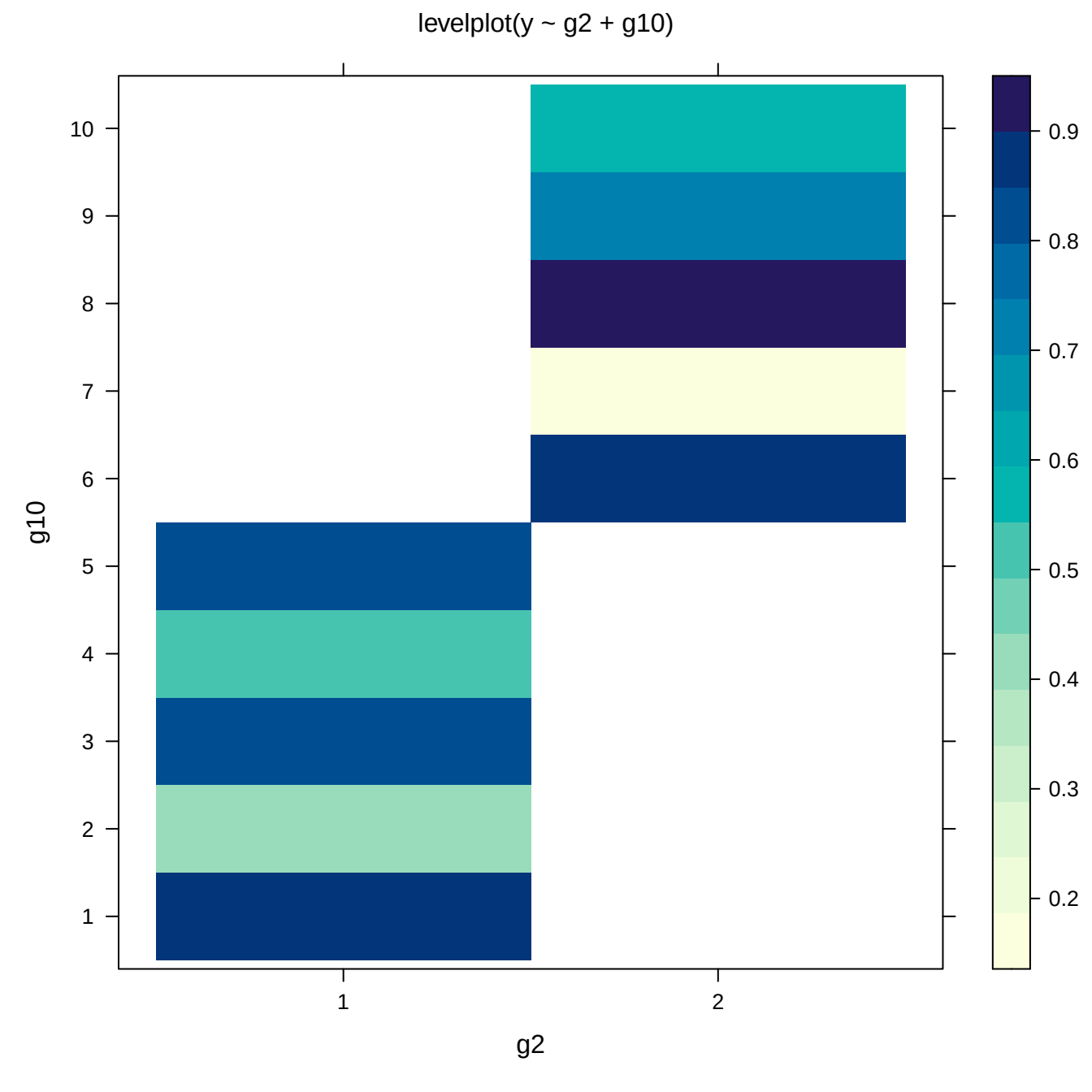

stripplot(g2 ~ x + y, outer = TRUE)
0.0
0.2
0.4
0.6
0.8
1.0
x
y
2
1
0.0
0.2
0.4
0.6
0.8
1.0
x + y

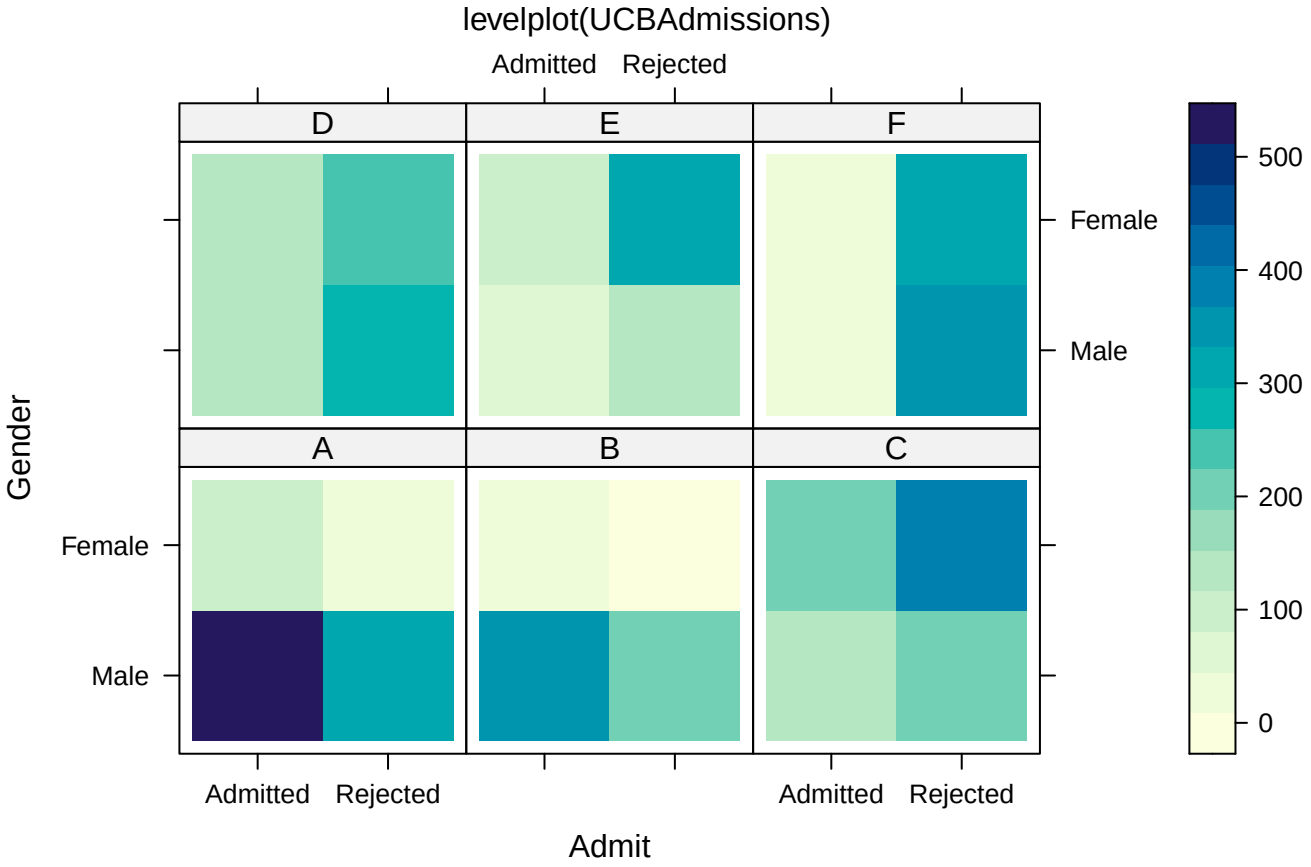

stripplot(y, jitter = TRUE)
0.2
0.4
0.6
0.8
y

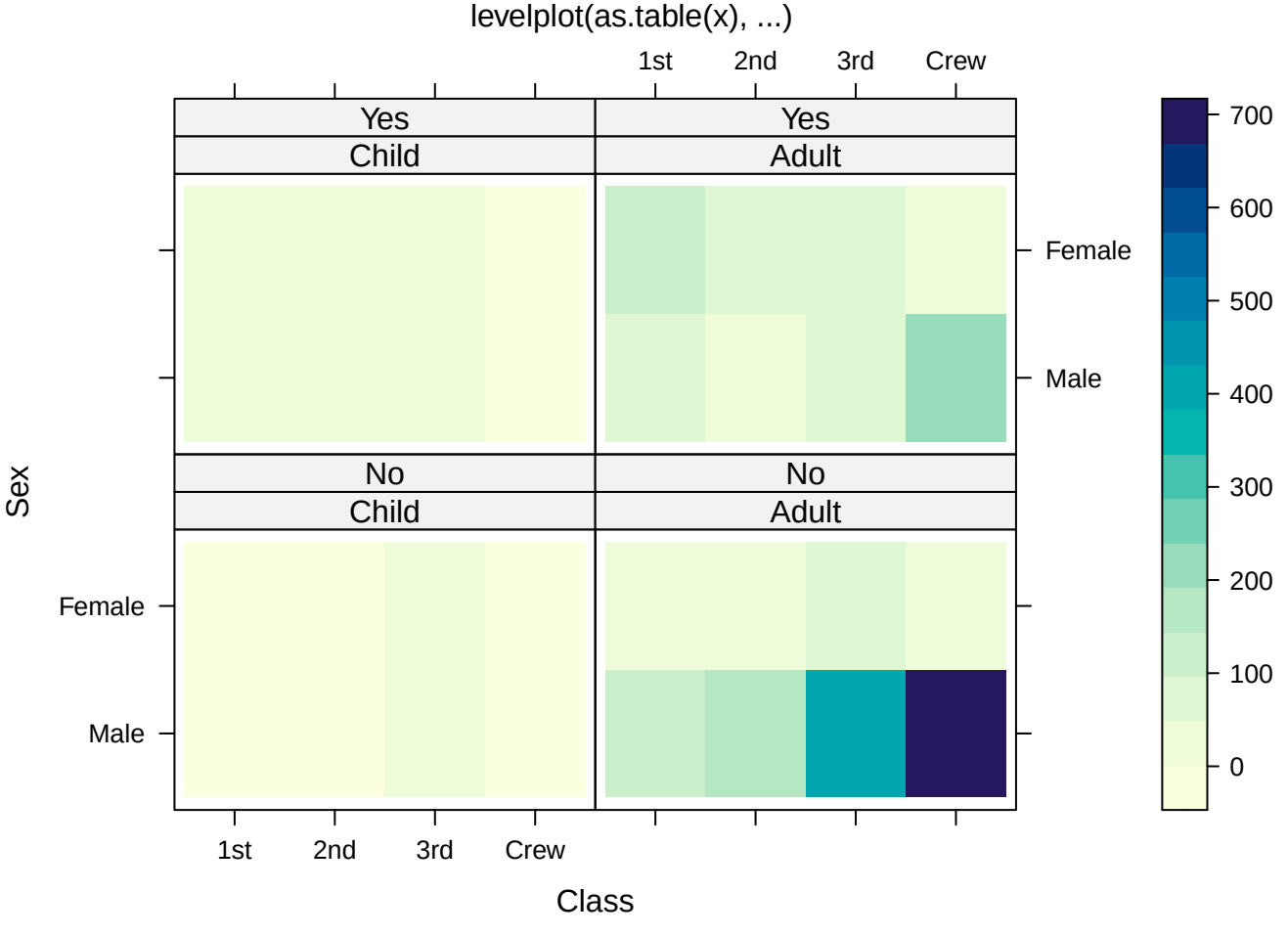

qq(g2 ~ x)
1.0
0.8
0.6
0.4
0.2
0.0
2
0.0
0.2
0.4
0.6
0.8
1.0
1

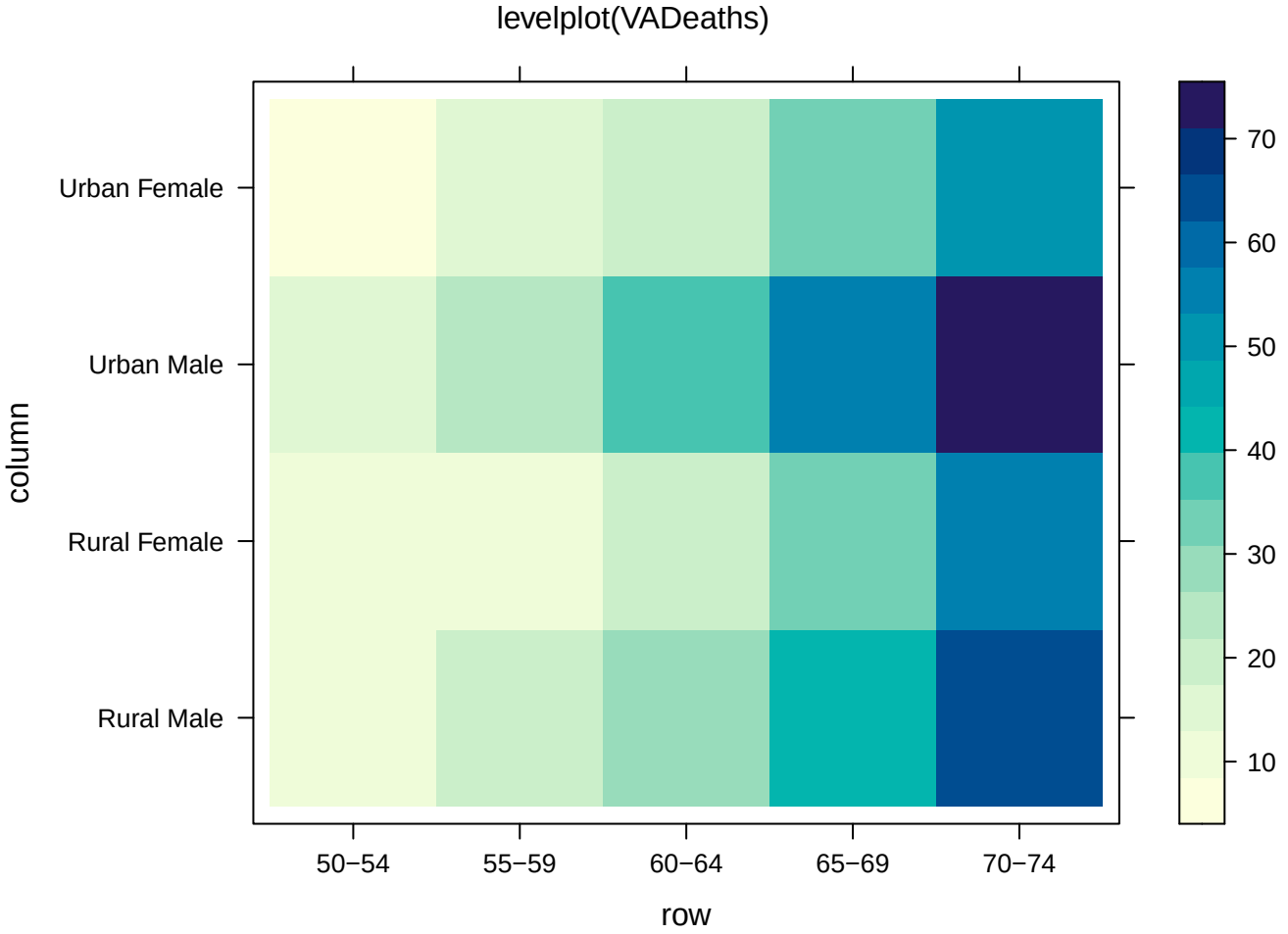

xyplot(y ~ x)
y
x
0.2
0.4
0.6
0.8
0.0
0.2
0.4
0.6
0.8
1.0

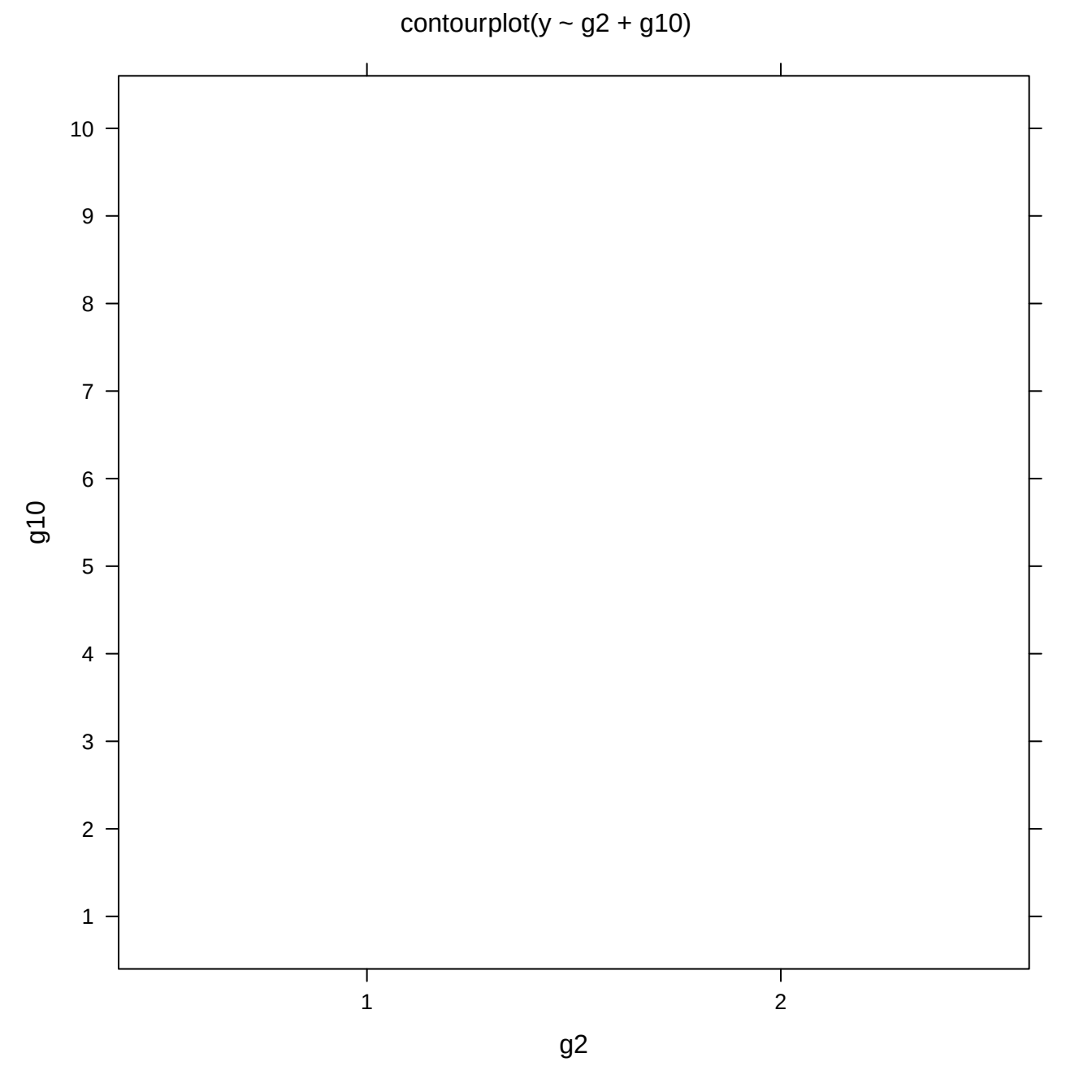

xyplot(ts(x))
1.0
0.8
0.6
0.4
0.2
0.0
2
4
6
8
10
Time

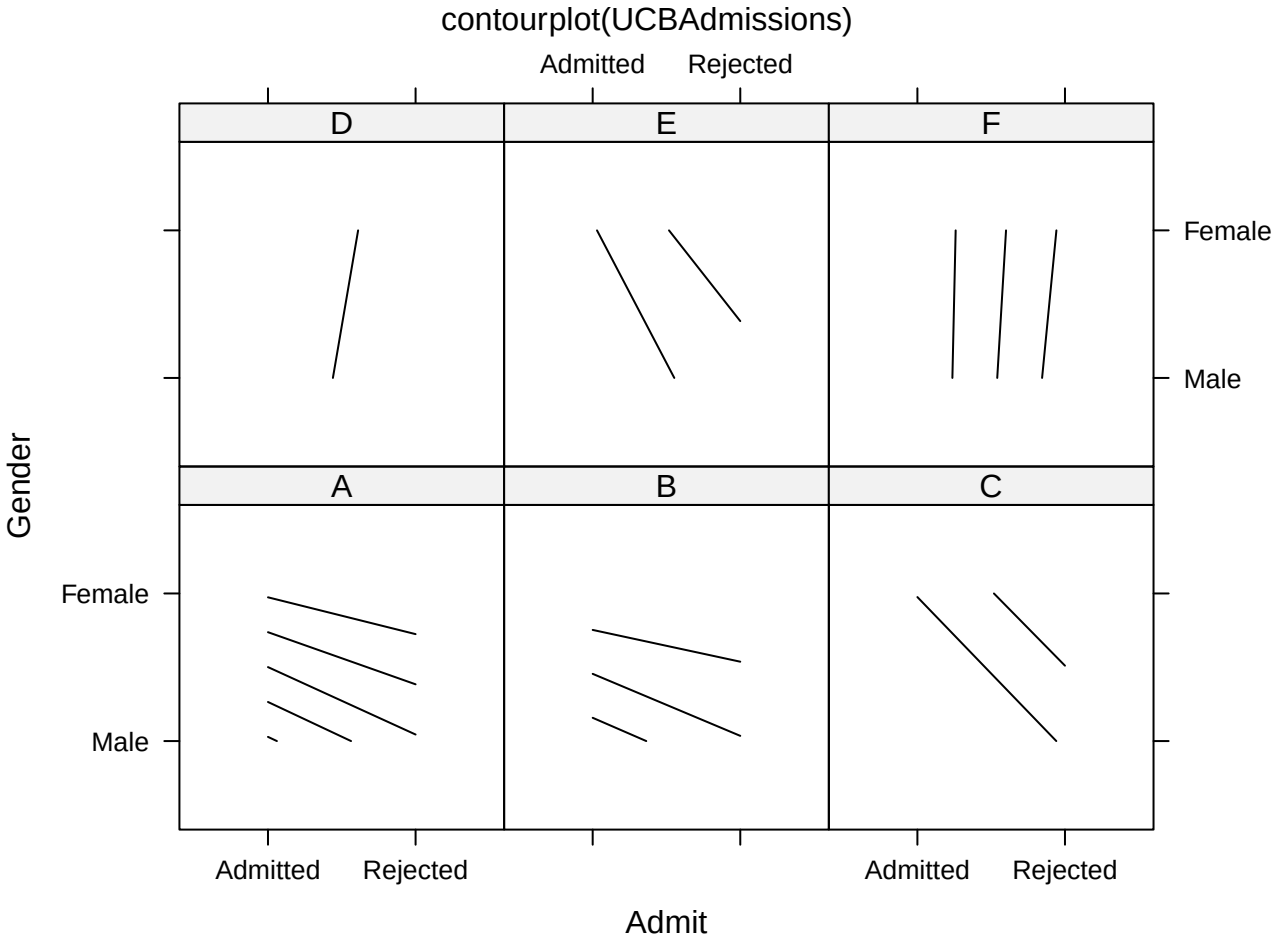

levelplot(y ~ g2 + g10)
g10
10
9
8
7
6
5
4
3
2
1
1
2
g2
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2

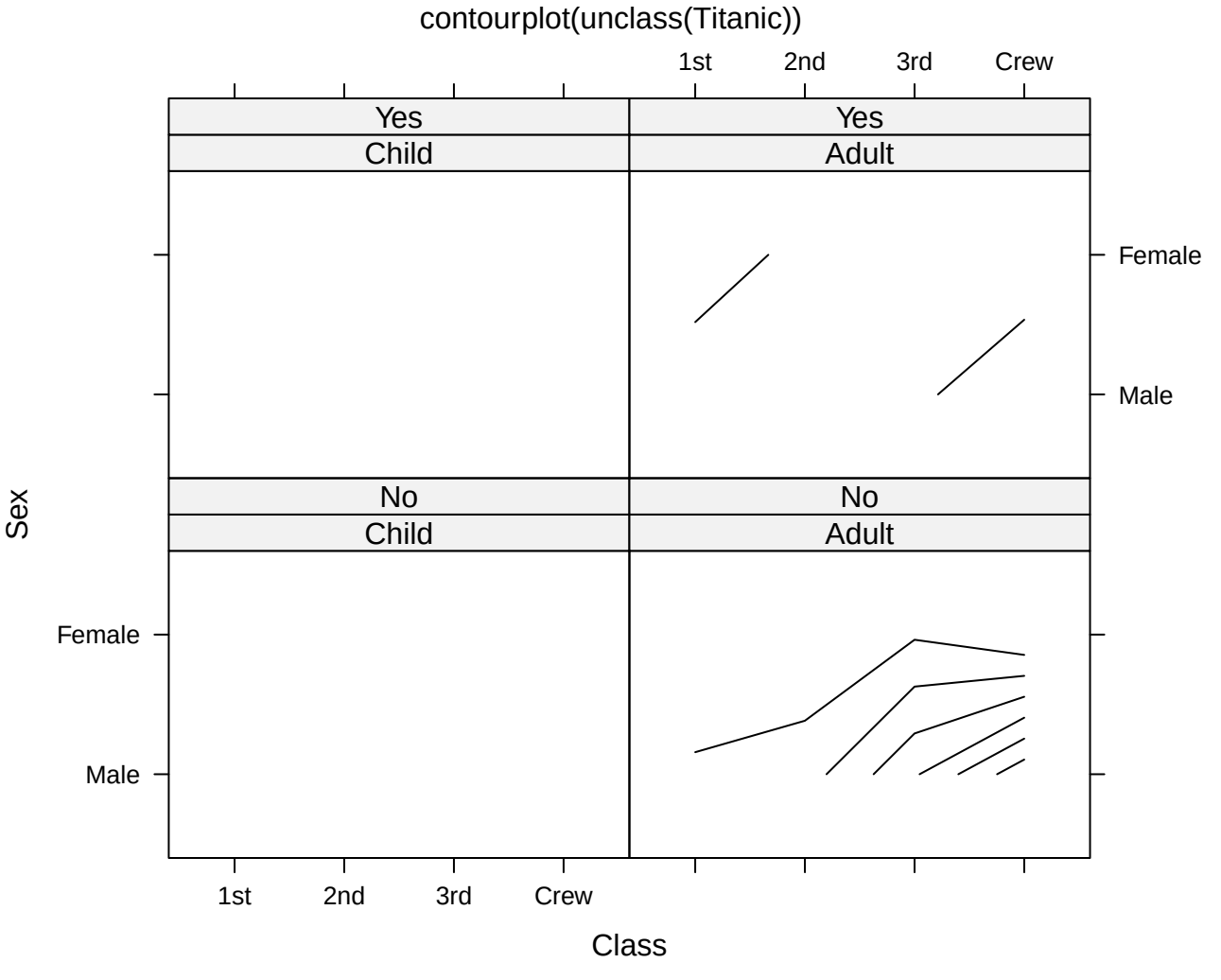

levelplot(UCBAdmissions)
Admitted
Rejected
D
E
F
A
B
C
Female
Male
Gender
Female
Male
Admitted
Rejected
Admitted
Rejected
Admit
500
400
300
200
100
0

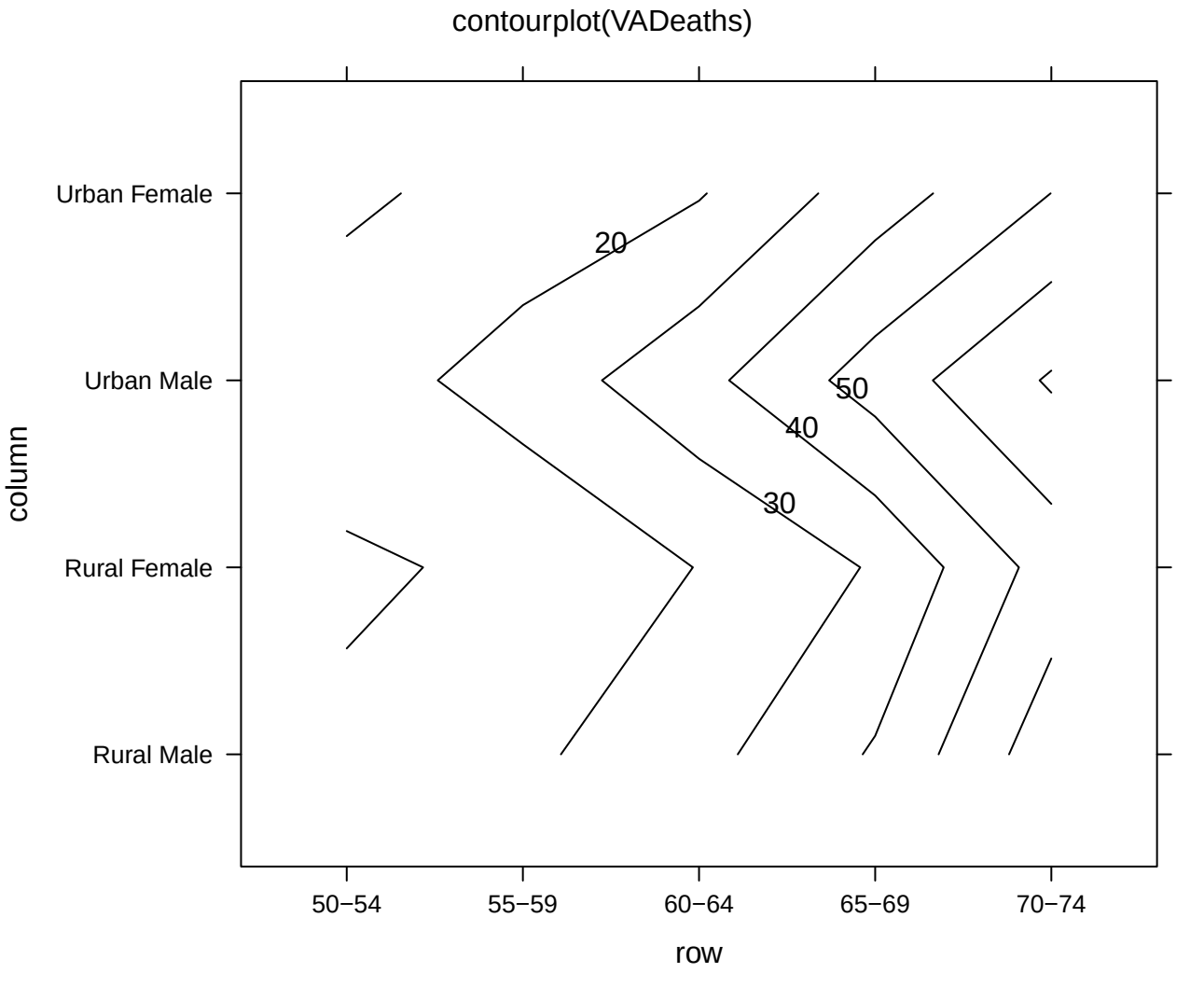

levelplot(as.table(x), ...)
1st
2nd
3rd
Crew
Yes
Child
Yes
Adult
No
Child
No
Adult
Female
Male
Sex
Female
Male
1st
2nd
3rd
Crew
Class
700
600
500
400
300
200
100
0

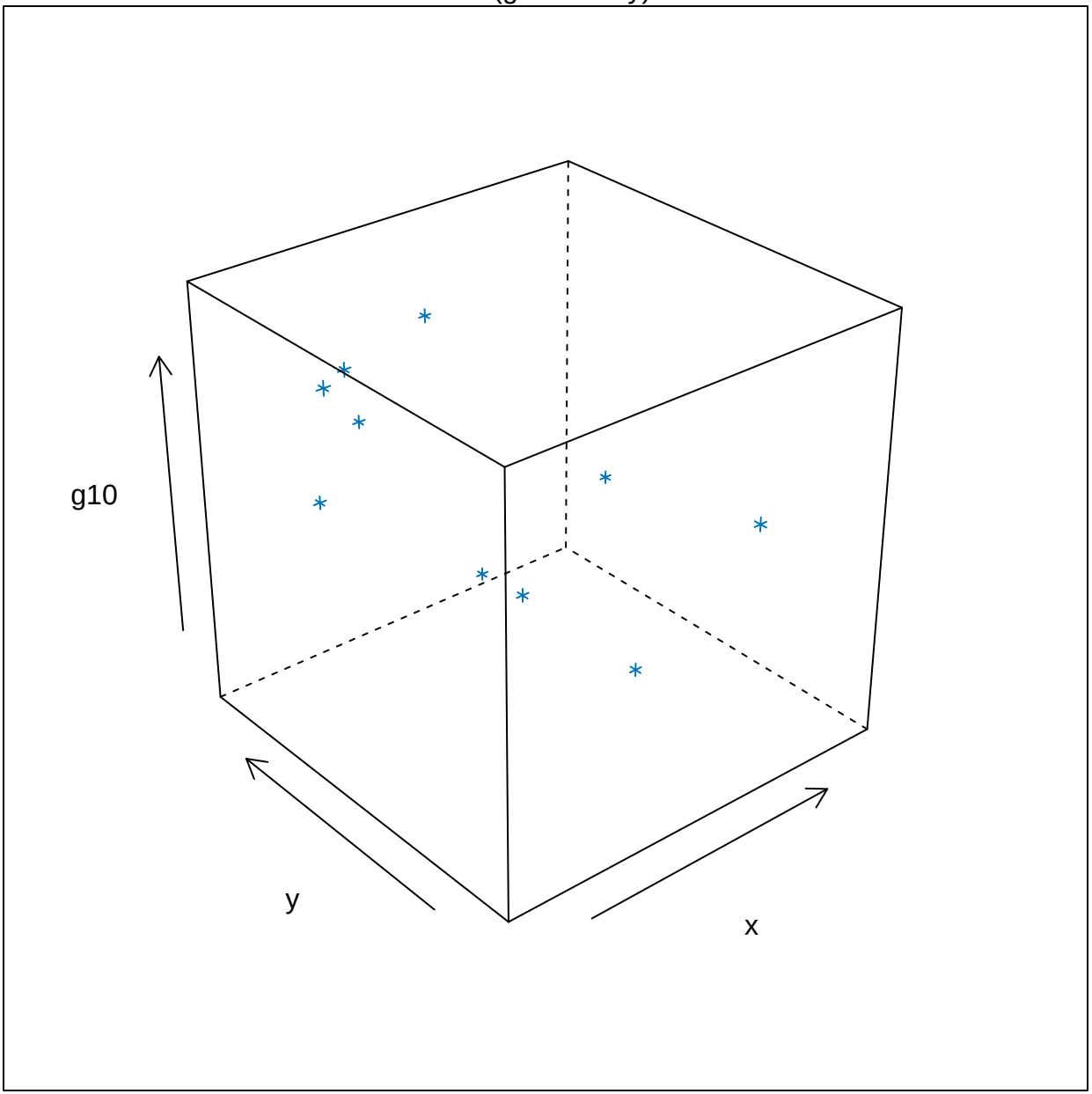

levelplot(VADeaths)
Urban Female
Urban Male
Rural Female
Rural Male
column
50−54
55−59
60−64
65−69
70−74
row
70
60
50
40
30
20
10

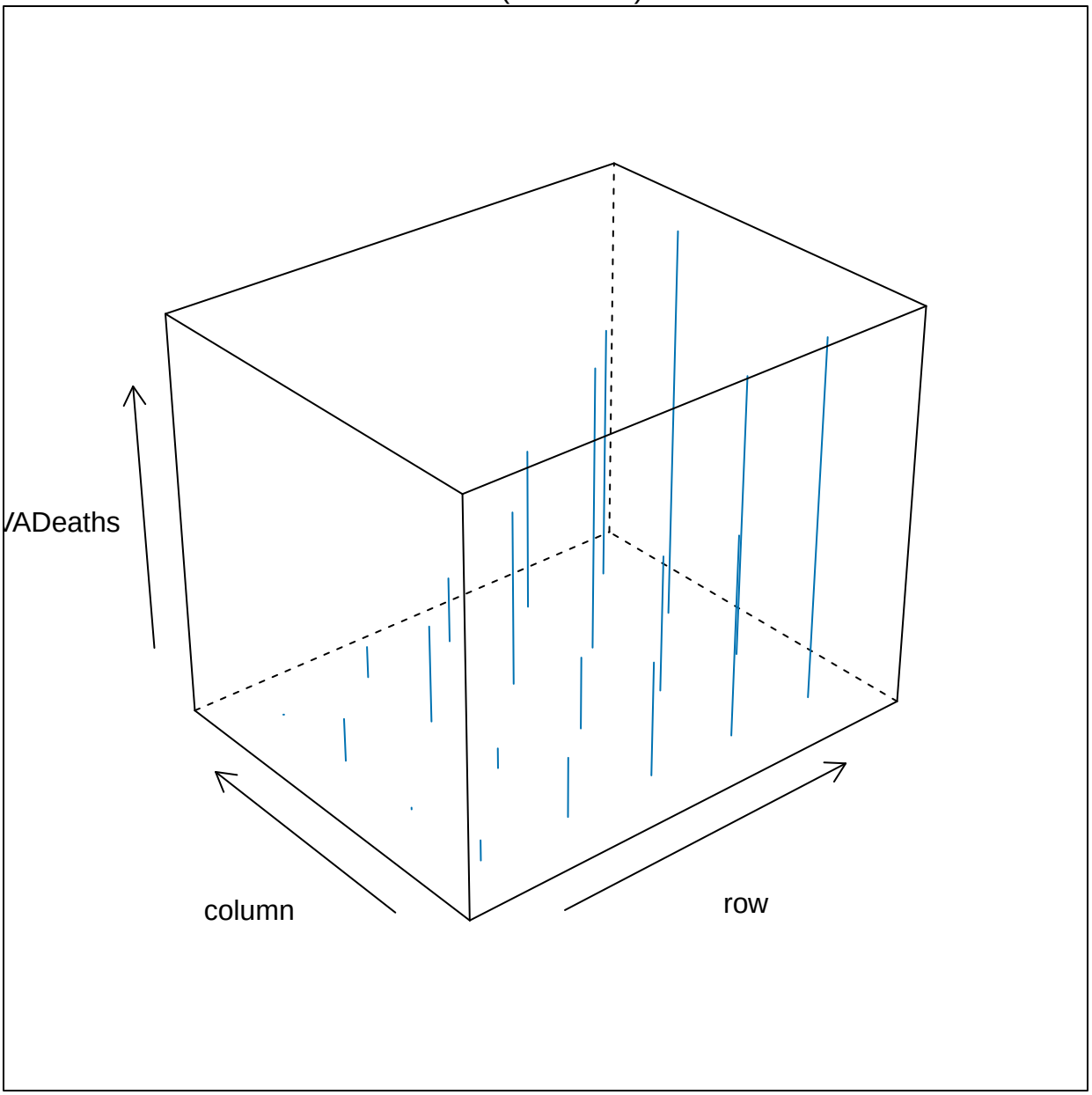

contourplot(y ~ g2 + g10)
10
9
8
7
6
5
4
3
2
1
g10
1
2
g2


contourplot(UCBAdmissions)
Admitted
Rejected
D
E
F
A
B
C
Female
Male
Gender
Admitted
Rejected
Admit

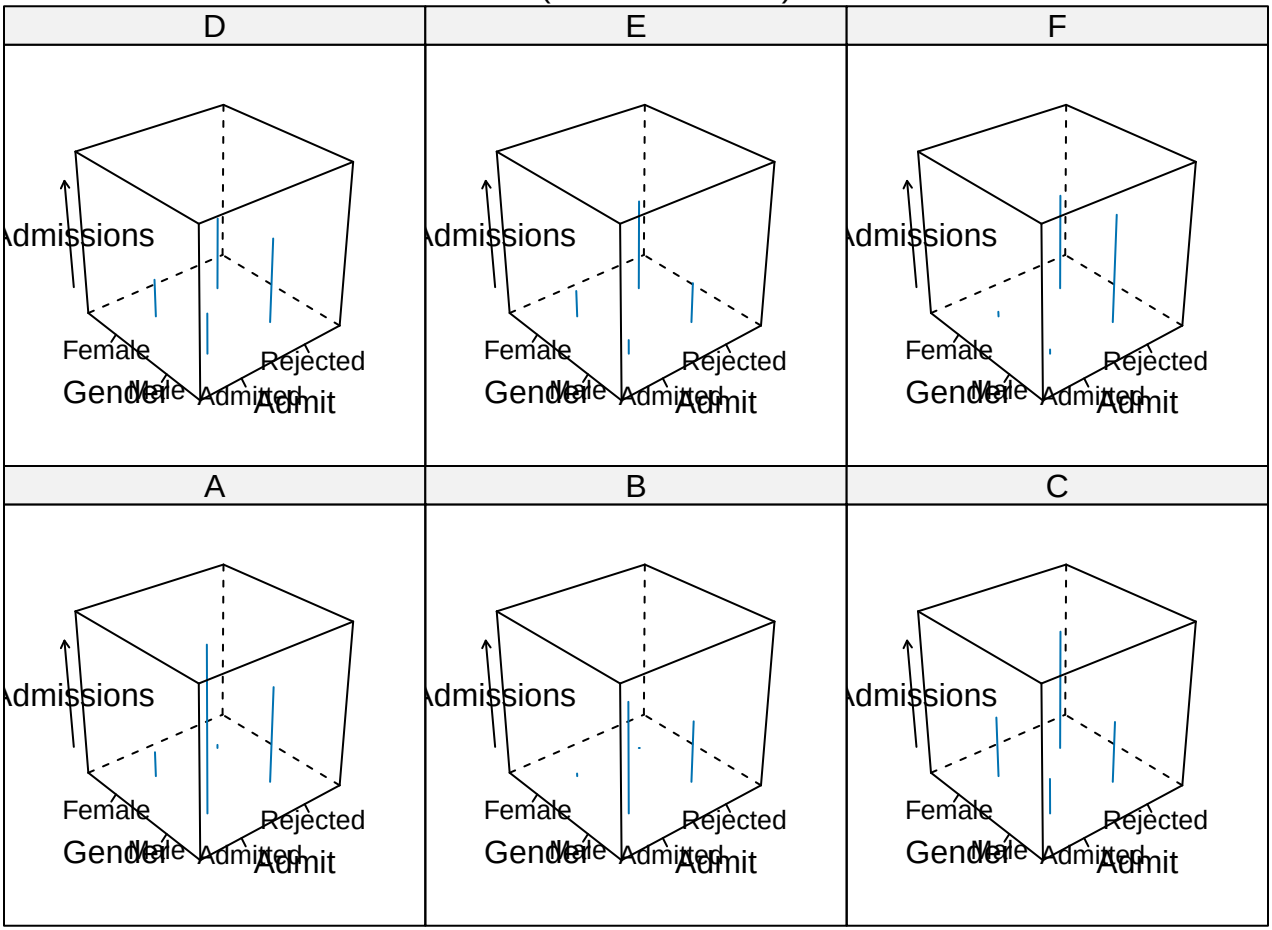

contourplot(unclass(Titanic))
1st
2nd
3rd
Crew
Yes
Child
Yes
Adult
No
Child
No
Adult
Female
Male
Sex
Female
Male
1st
2nd
3rd
Crew
Class


contourplot(VADeaths)
Urban Female
Urban Male
Rural Female
Rural Male
column
20
30
40
50
50−54
55−59
60−64
65−69
70−74
row

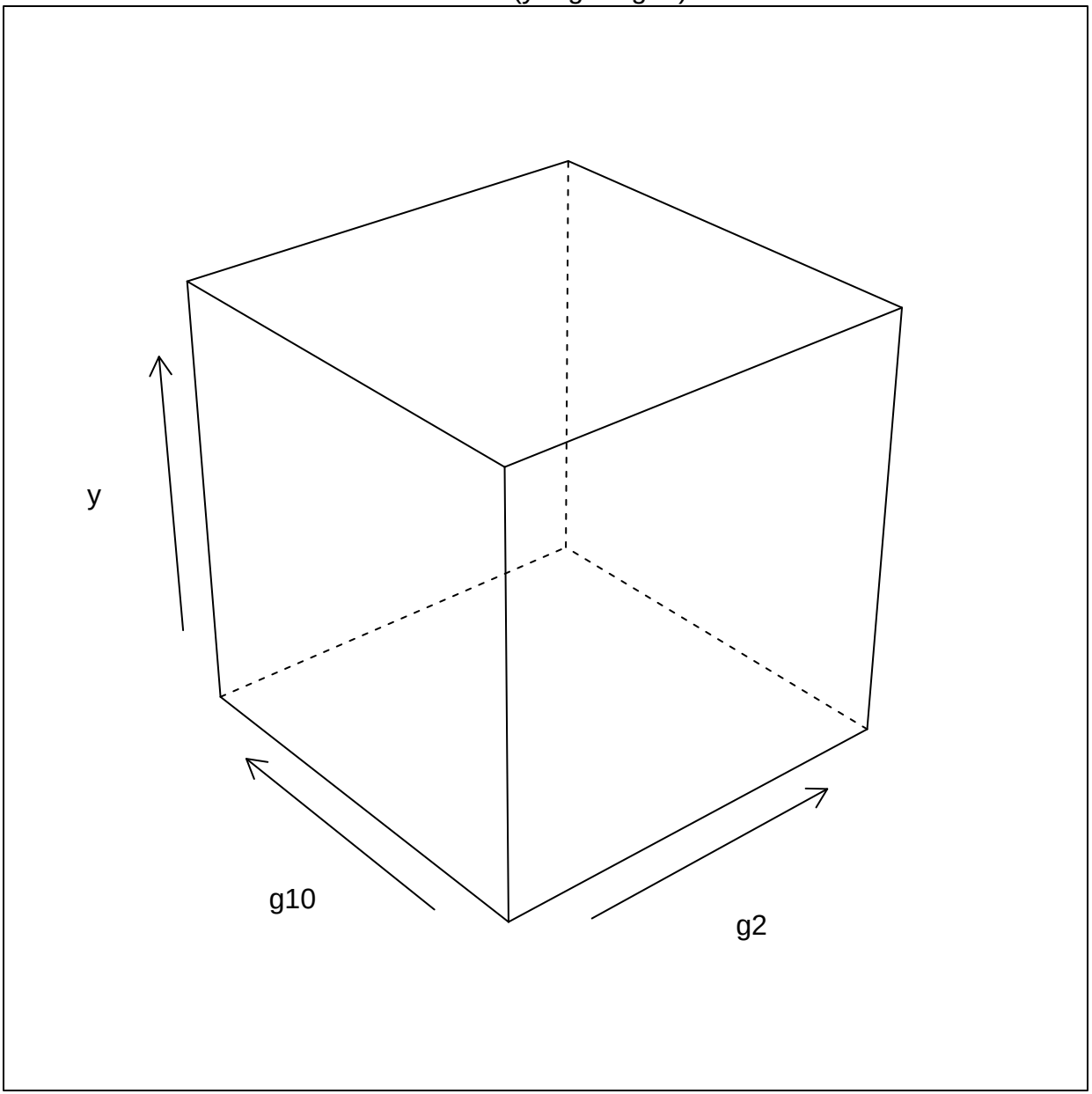

cloud(g10 ~ x + y)
g10
y
x

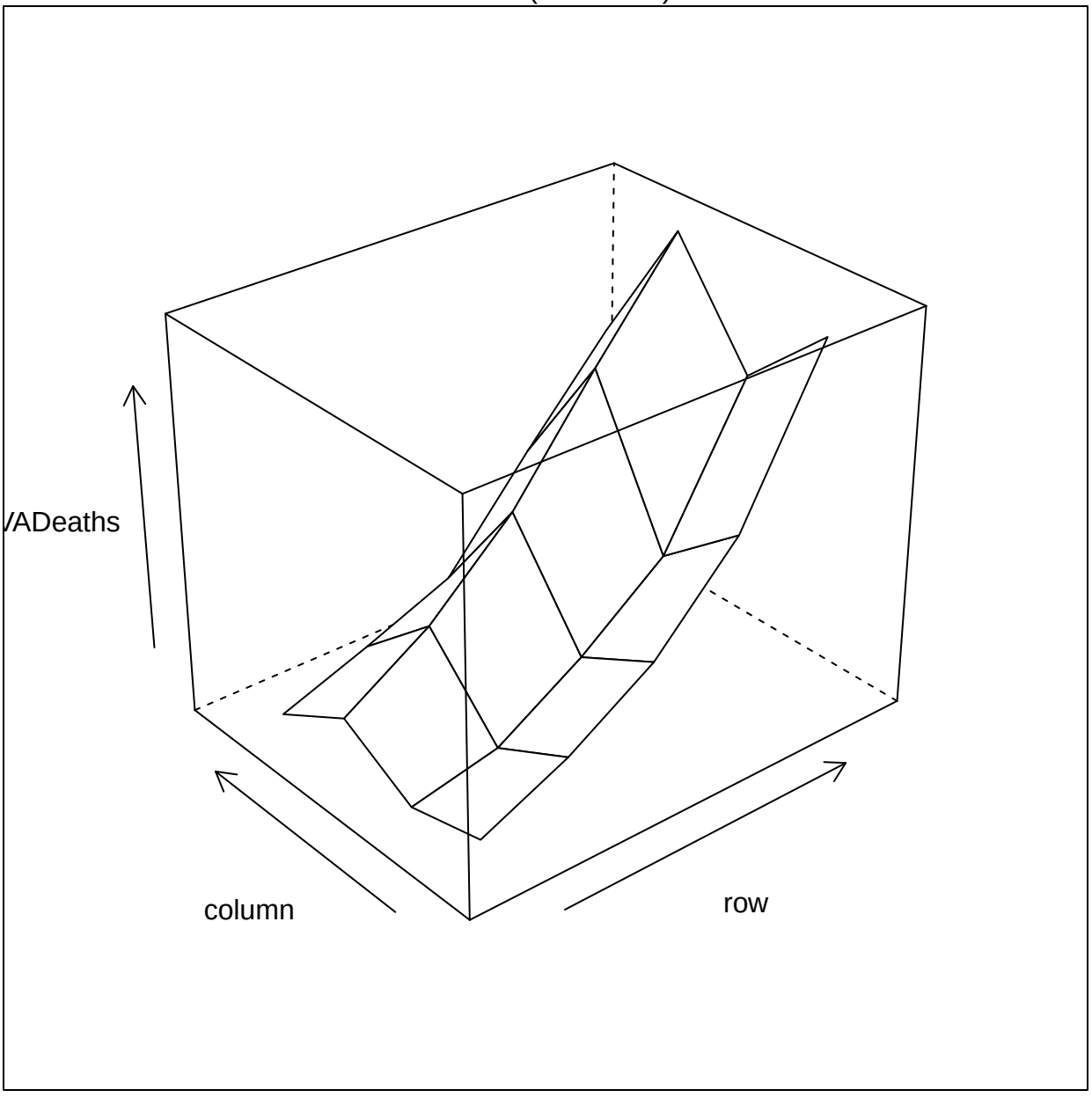

cloud(VADeaths)
VADeaths
column
row

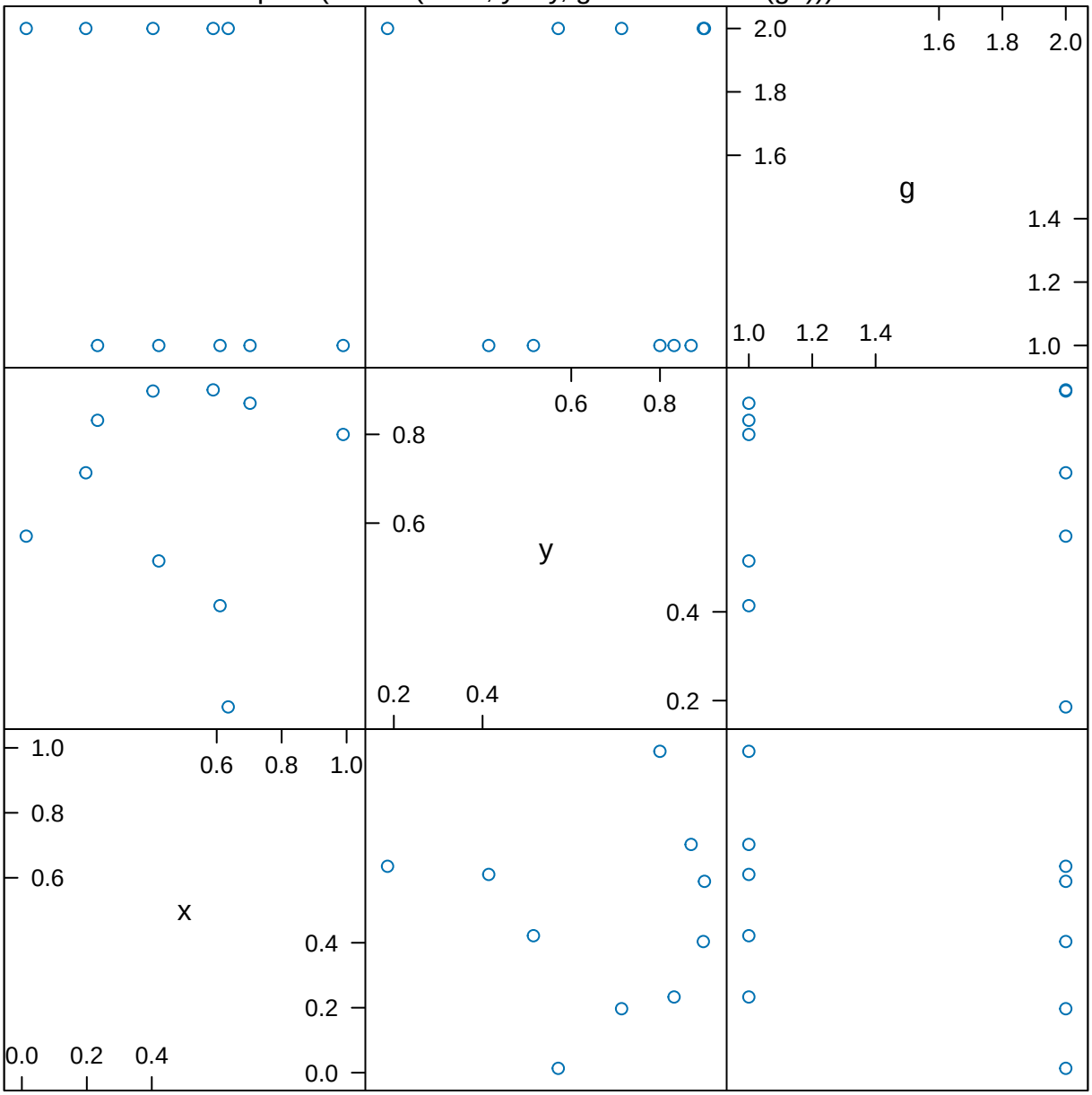
cloud(UCBAdmissions)

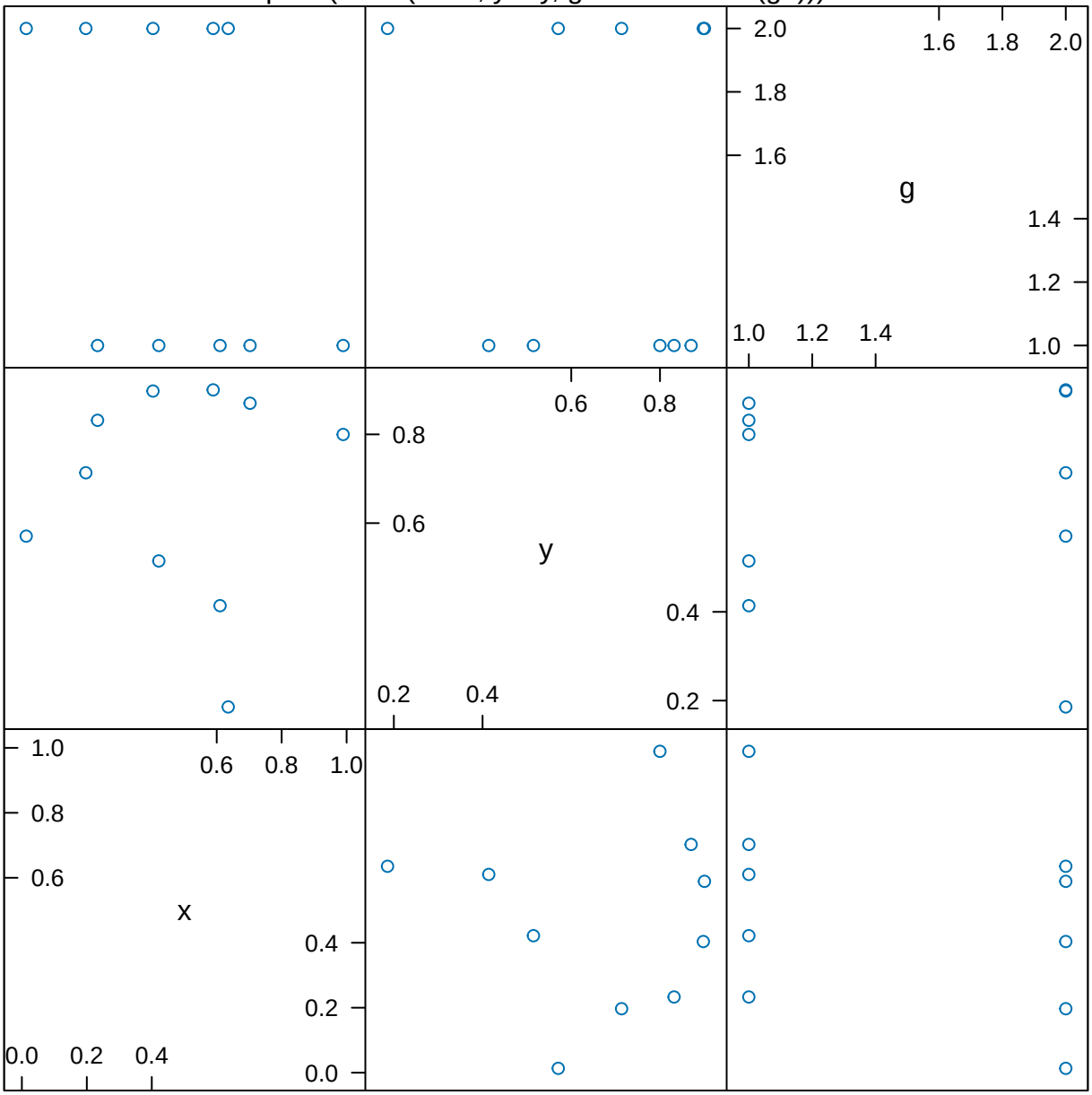


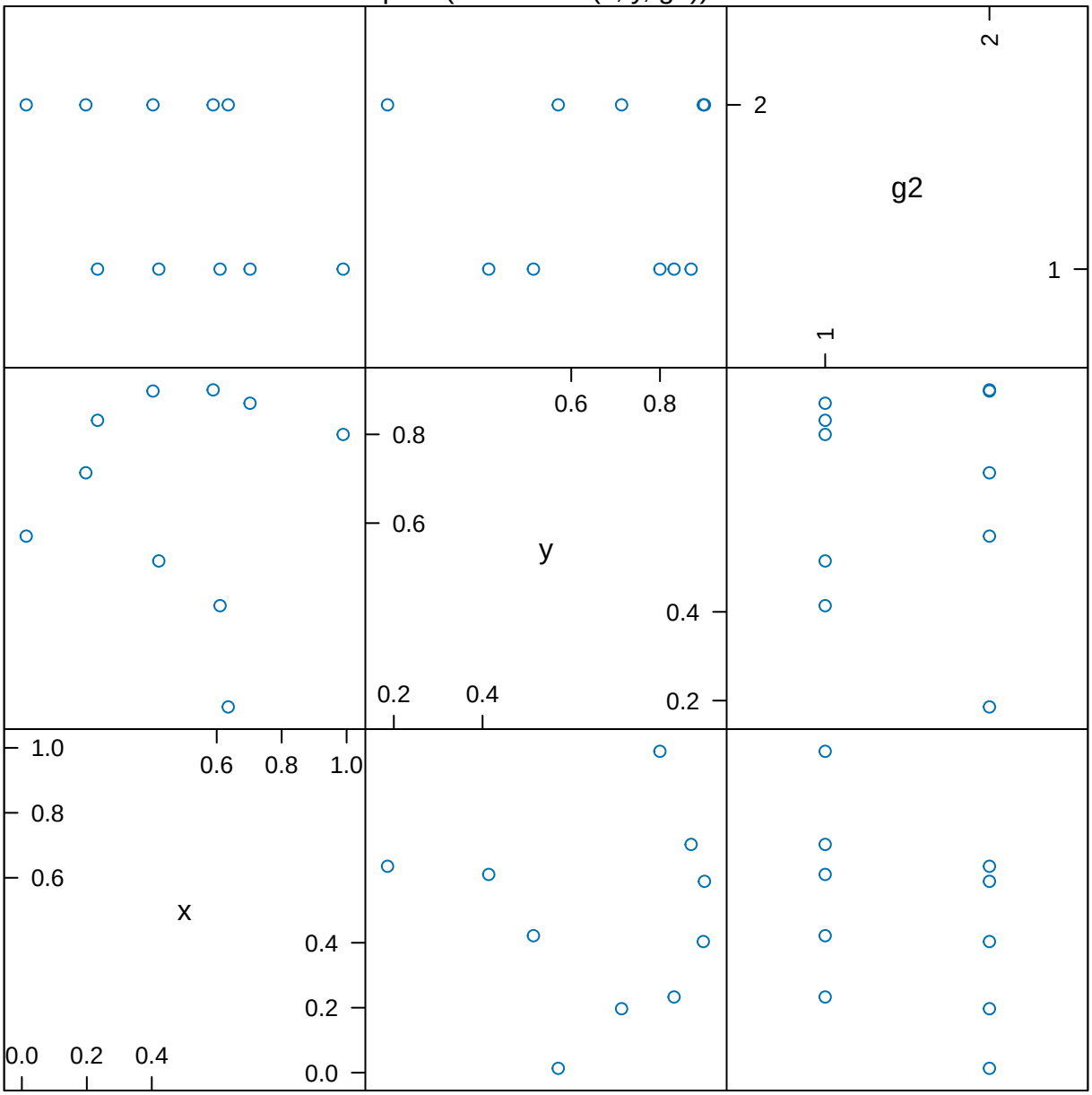
wireframe(y ~ g2 + g10)

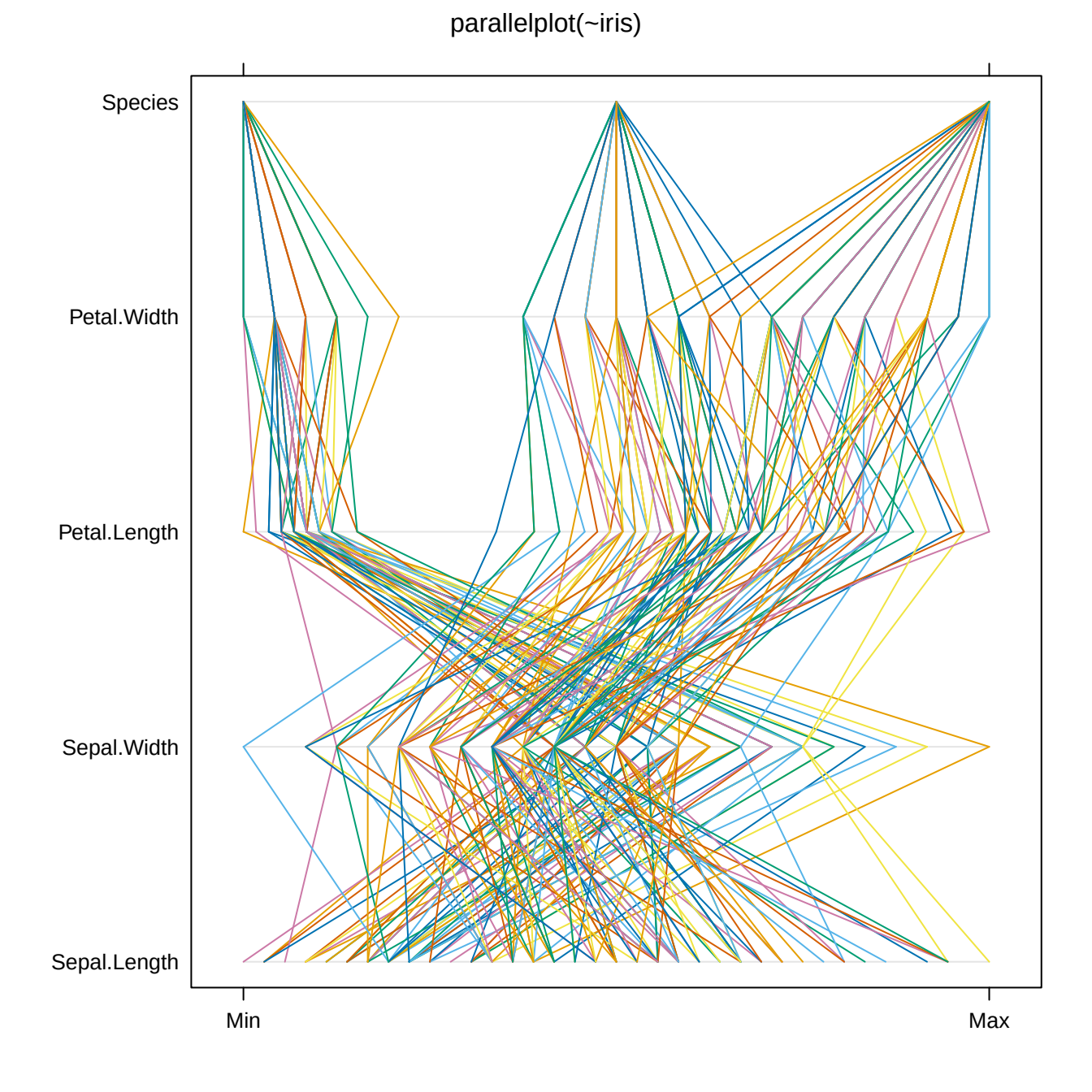


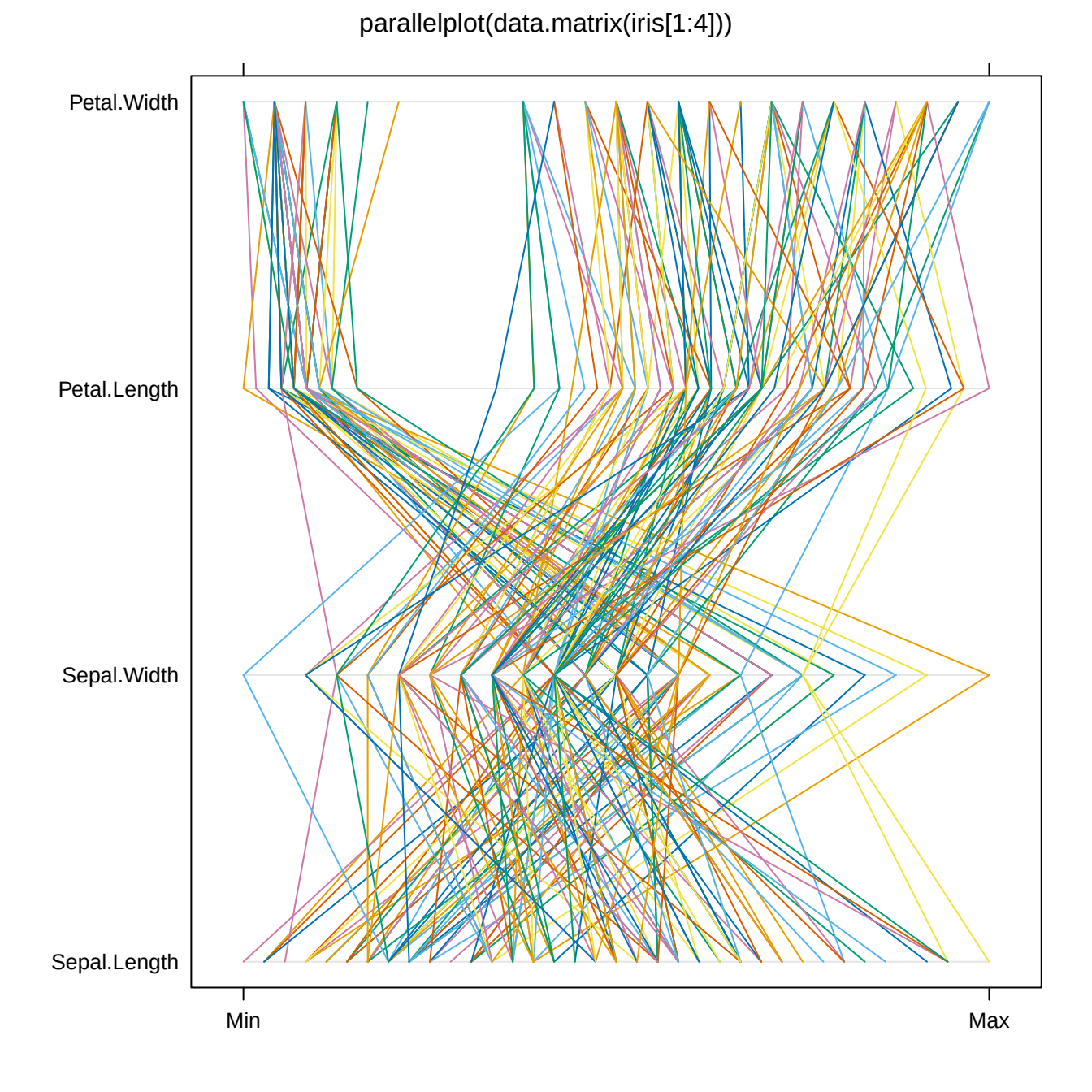

wireframe(VADeaths)
VADeaths
column
row

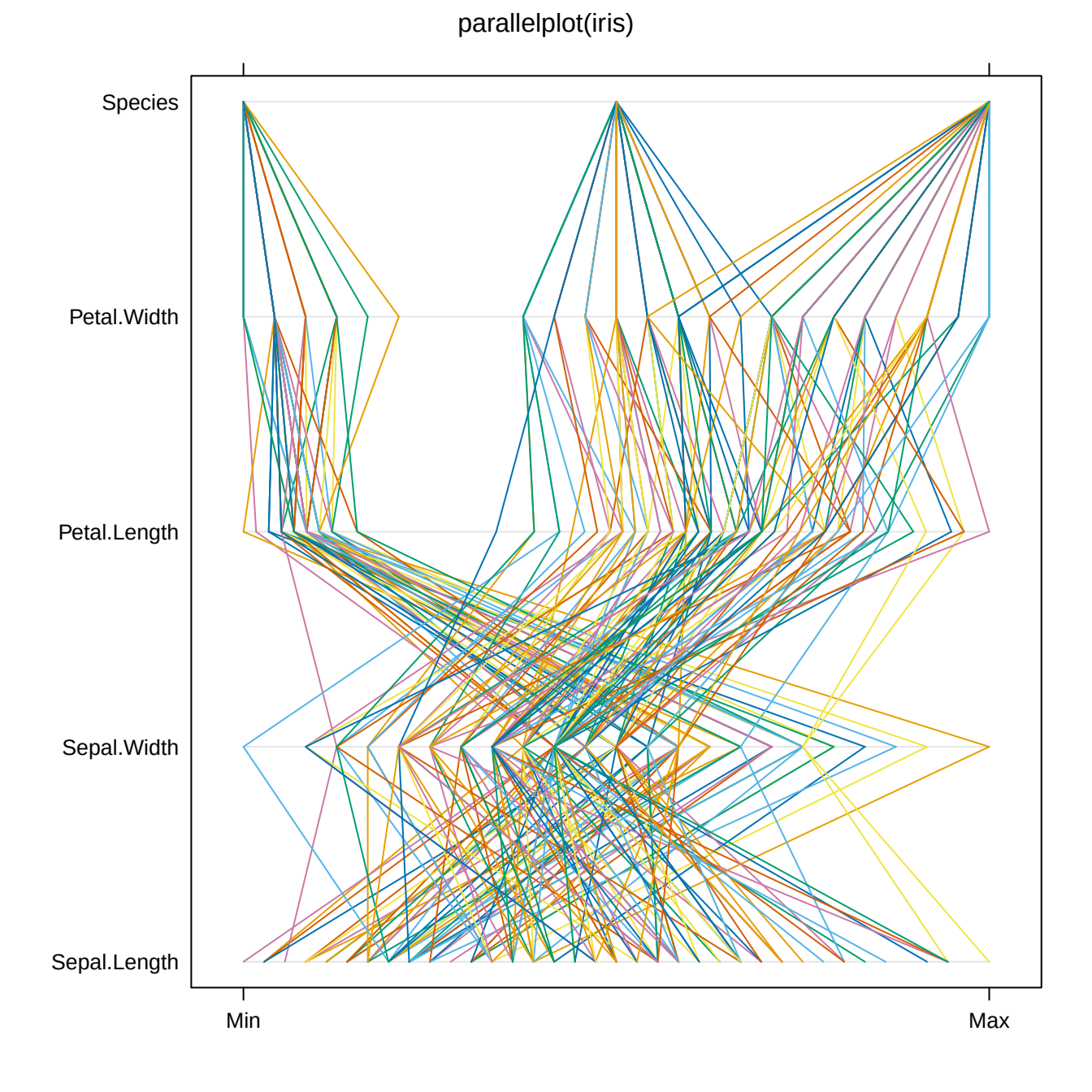

splom(~cbind(x = x, y = y, g = as.numeric(g2)))
x
y
g
Scatter Plot Matrix

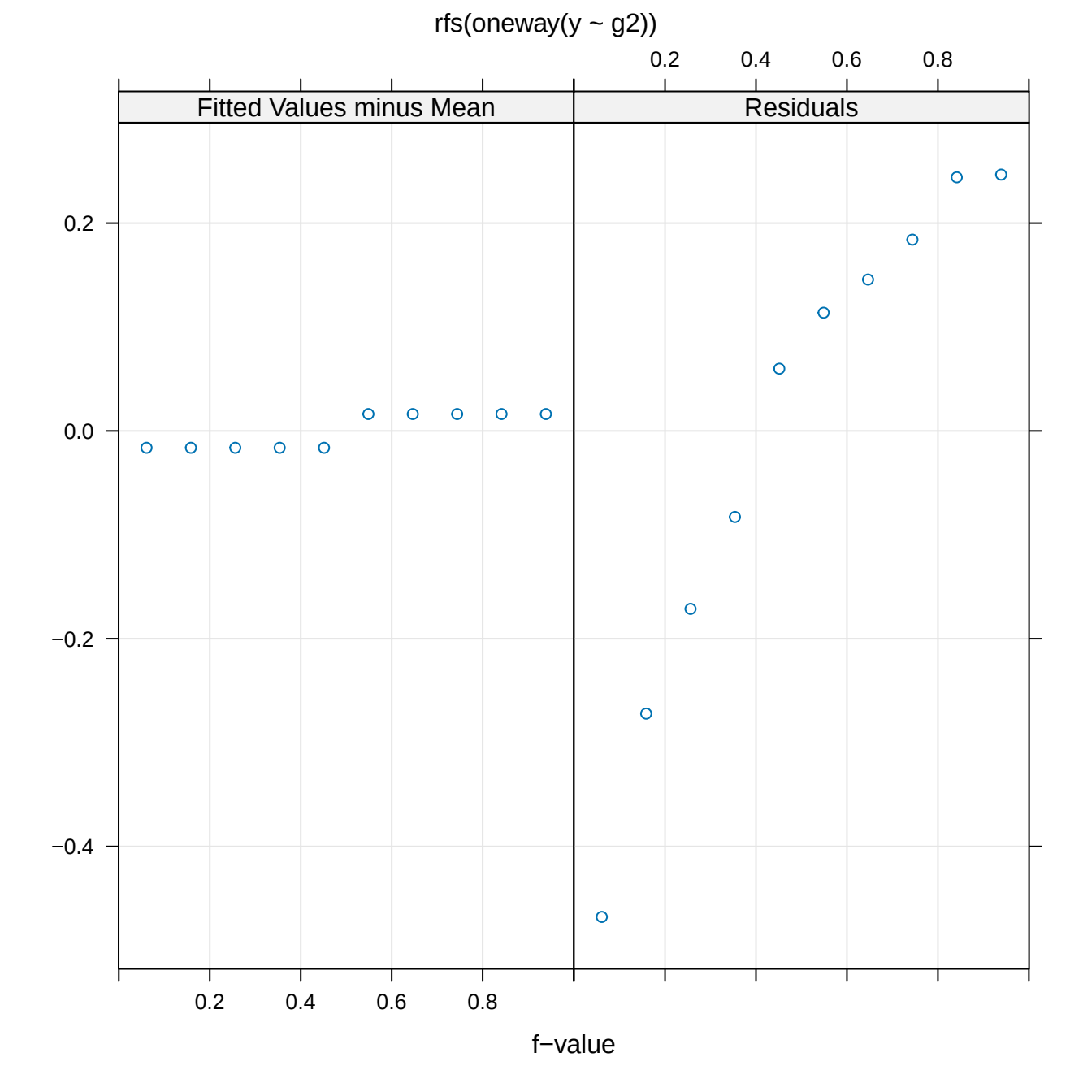

splom(cbind(x = x, y = y, g = as.numeric(g2)))
x
y
g
Scatter Plot Matrix

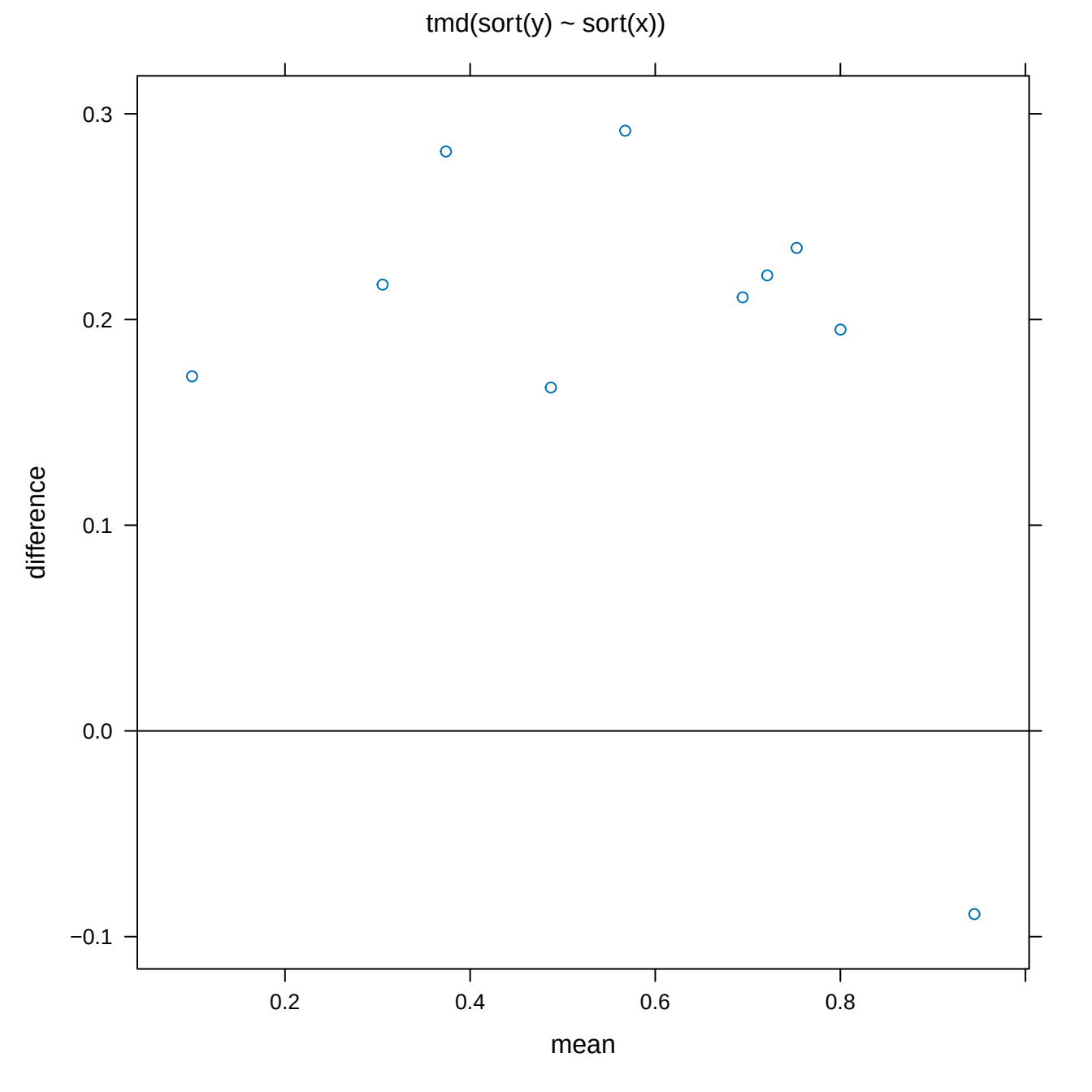

splom(data.frame(x, y, g2))
g2
y
x
Scatter Plot Matrix

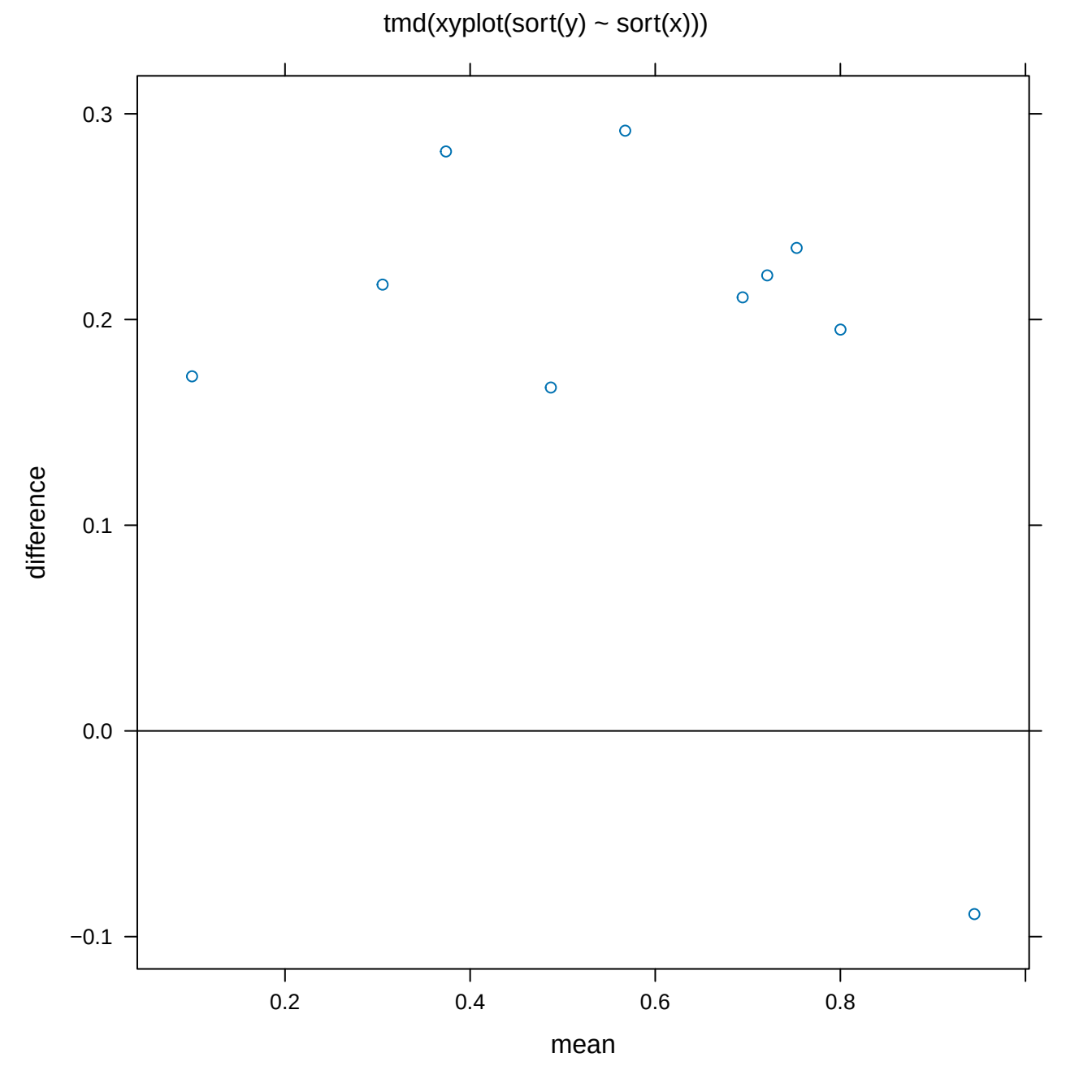

parallelplot(~iris)
Species
Petal.Width
Petal.Length
Sepal.Width
Sepal.Length
Min
Max

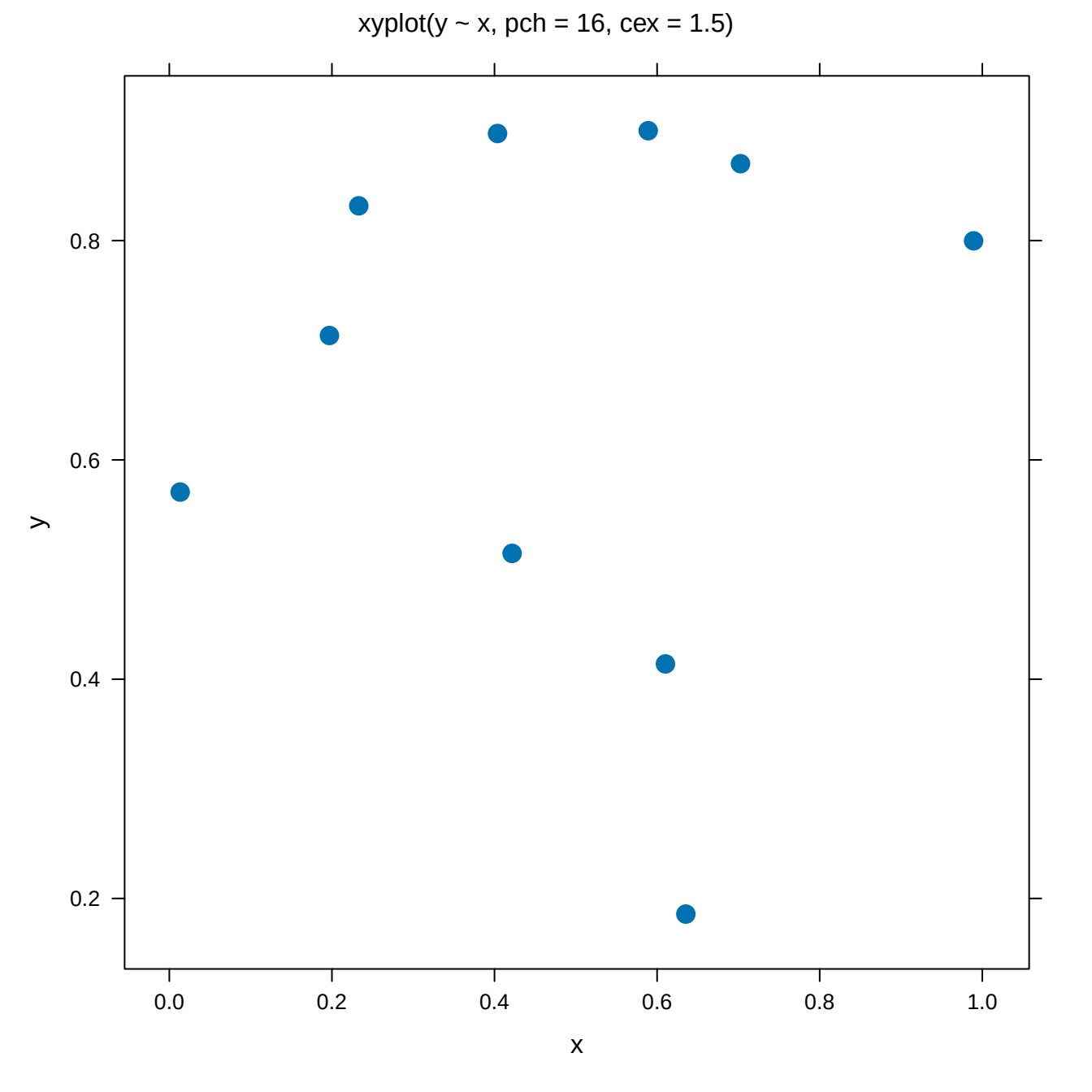

parallelplot(data.matrix(iris[1:4]))
Petal.Width
Petal.Length
Sepal.Width
Sepal.Length
Min
Max

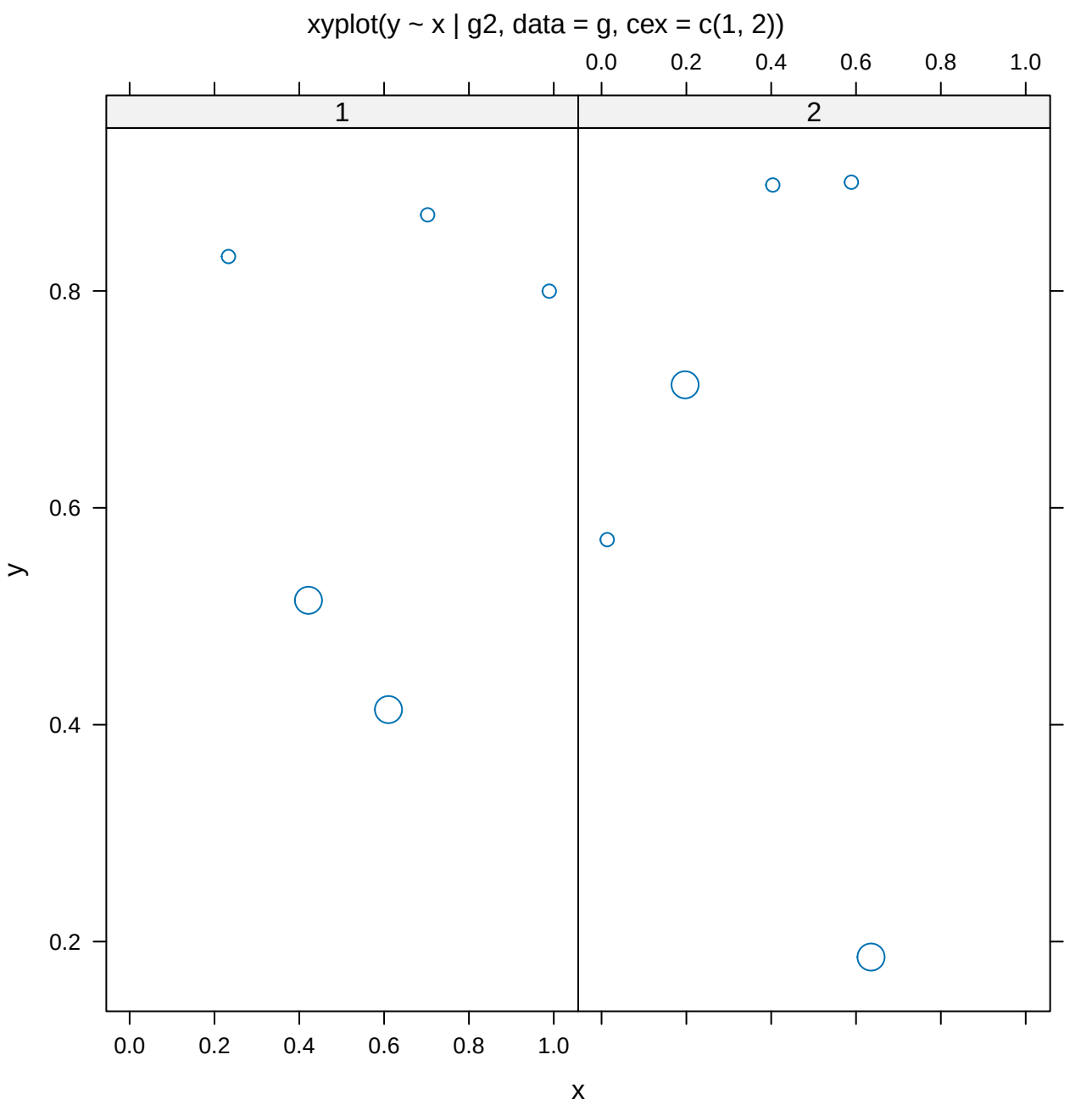

parallelplot(iris)
Species
Petal.Width
Petal.Length
Sepal.Width
Sepal.Length
Min
Max

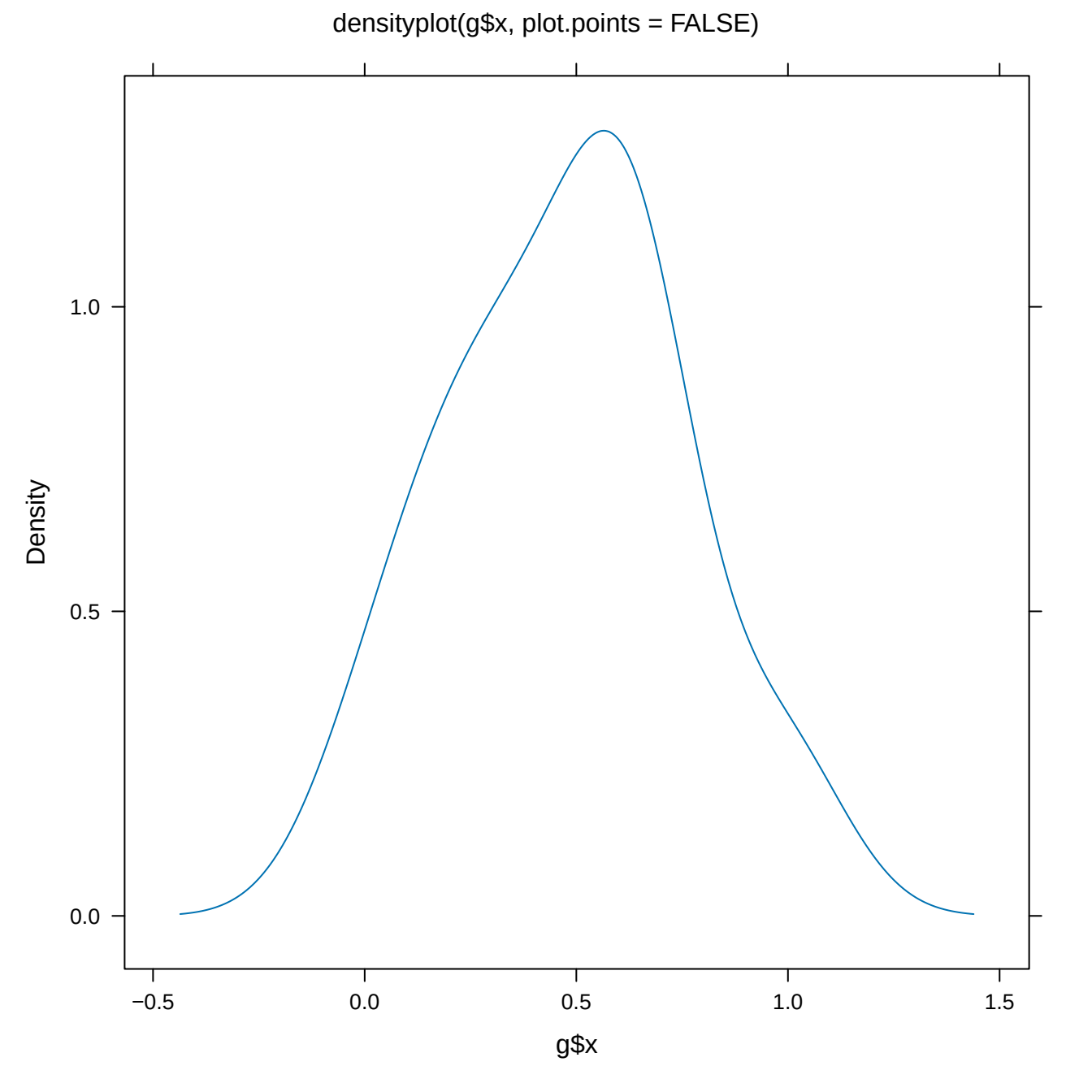

rfs(oneway(y ~ g2))
Fitted Values minus Mean
Residuals
0.2
0.4
0.6
0.8
0.2
0.0
−0.2
−0.4
0.2
0.4
0.6
0.8
f−value

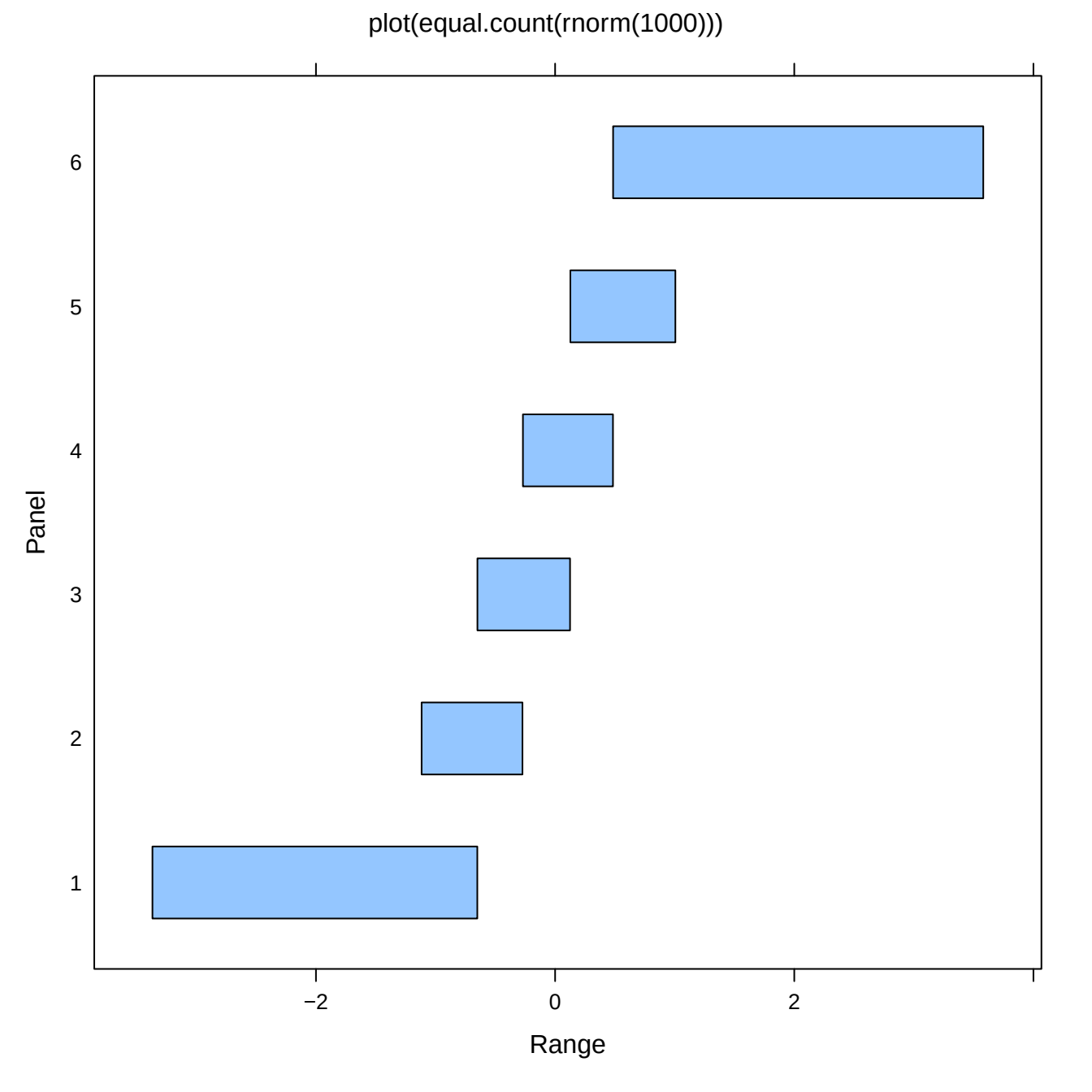

tmd(sort(y) ~ sort(x))
difference
mean
0.3
0.2
0.1
0.0
−0.1
0.2
0.4
0.6
0.8


tmd(xyplot(sort(y) ~ sort(x)))
difference
mean
0.3
0.2
0.1
0.0
−0.1
0.2
0.4
0.6
0.8


xyplot(y ~ x, pch = 16, cex = 1.5)
0.8
0.6
0.4
0.2
y
0.0
0.2
0.4
0.6
0.8
1.0
x


xyplot(y ~ x | g2, data = g, cex = c(1, 2))
1
2
0.0
0.2
0.4
0.6
0.8
1.0
y
x


densityplot(g$x, plot.points = FALSE)
Density
1.0
0.5
0.0
−0.5
0.0
0.5
1.0
1.5
g$x


plot(equal.count(rnorm(1000)))
Panel
6
5
4
3
2
1
−2
0
2
Range