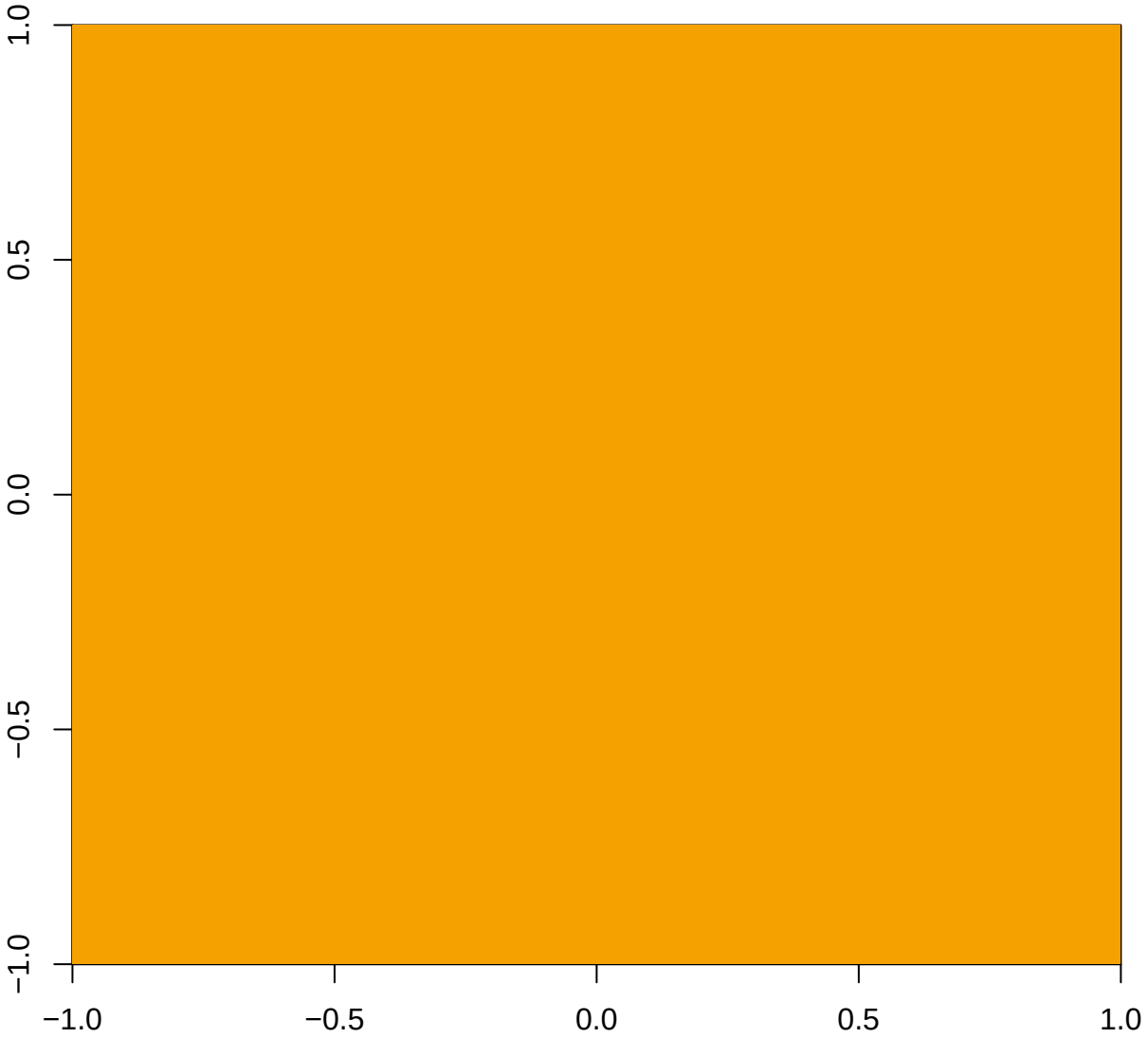
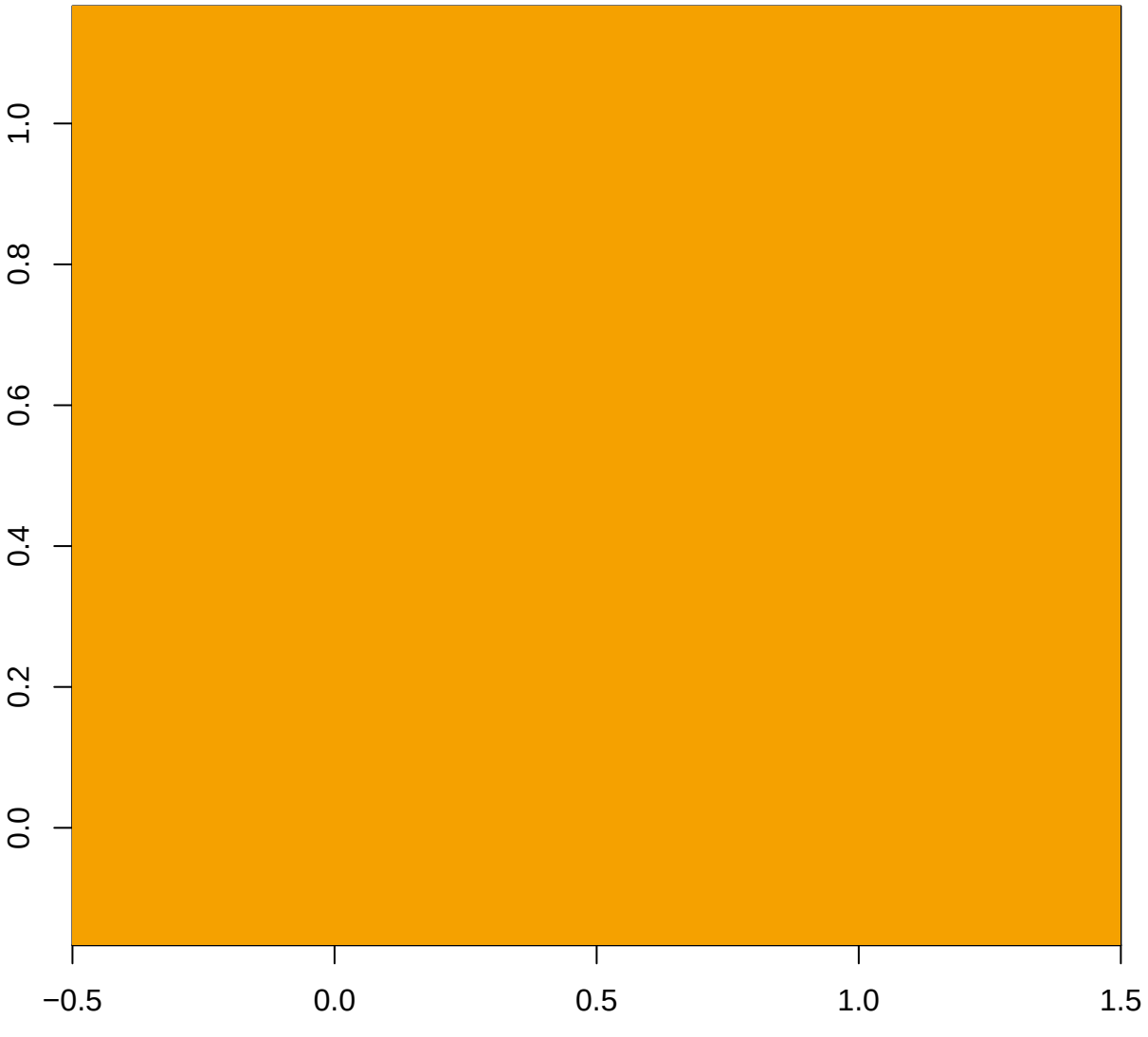
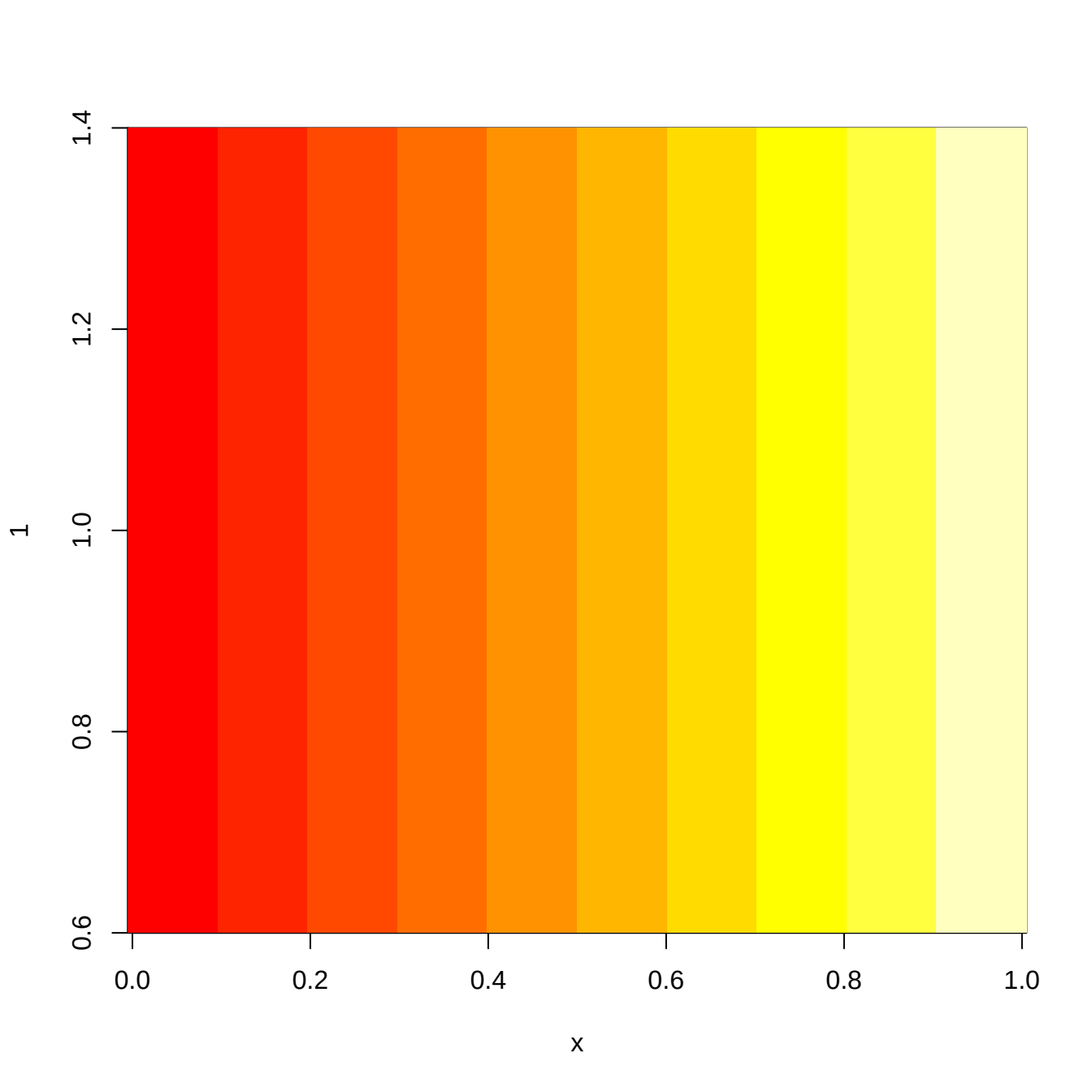
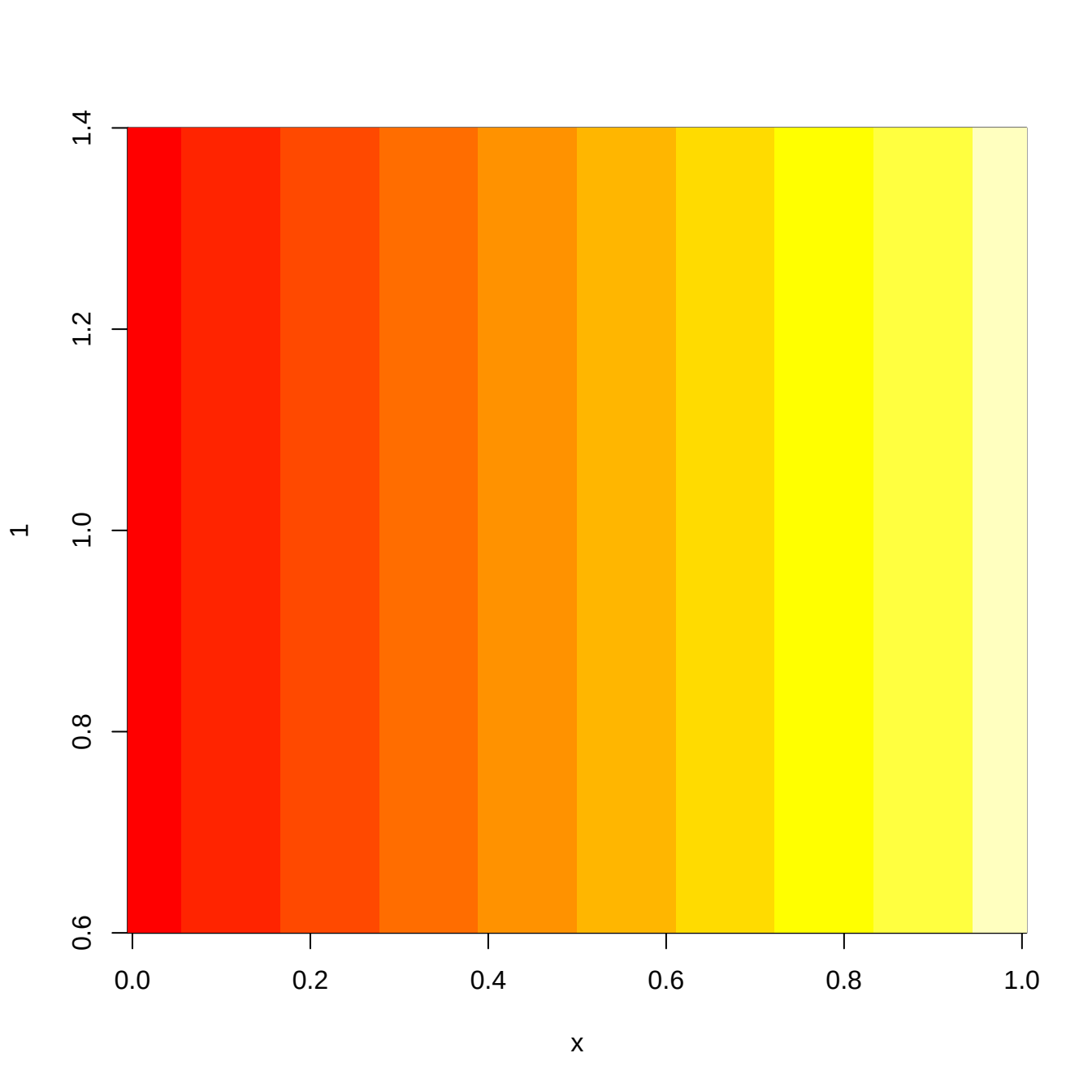
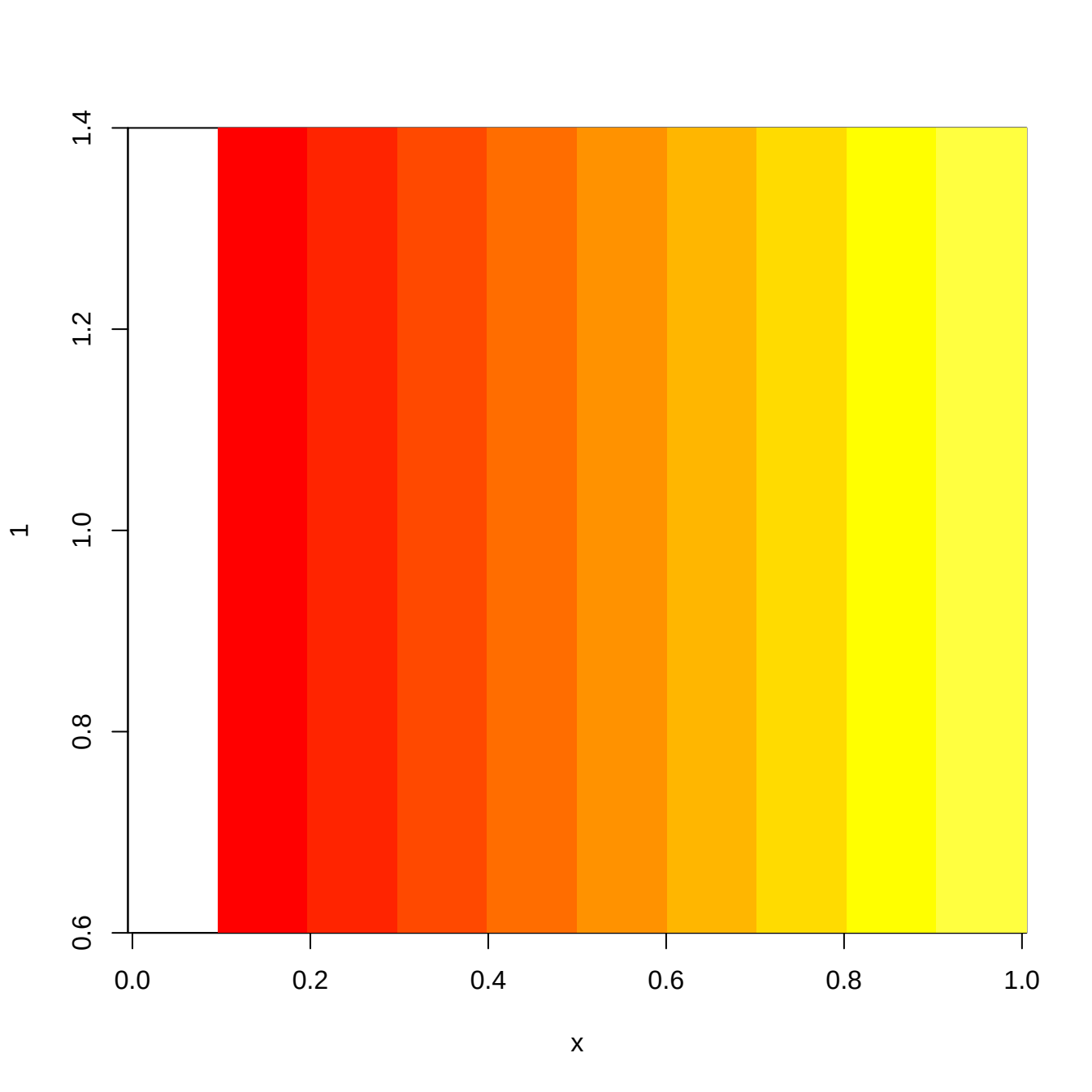
Y
0
5
10
15
0
1
2
3
4
5
1:4
C
A
D
B

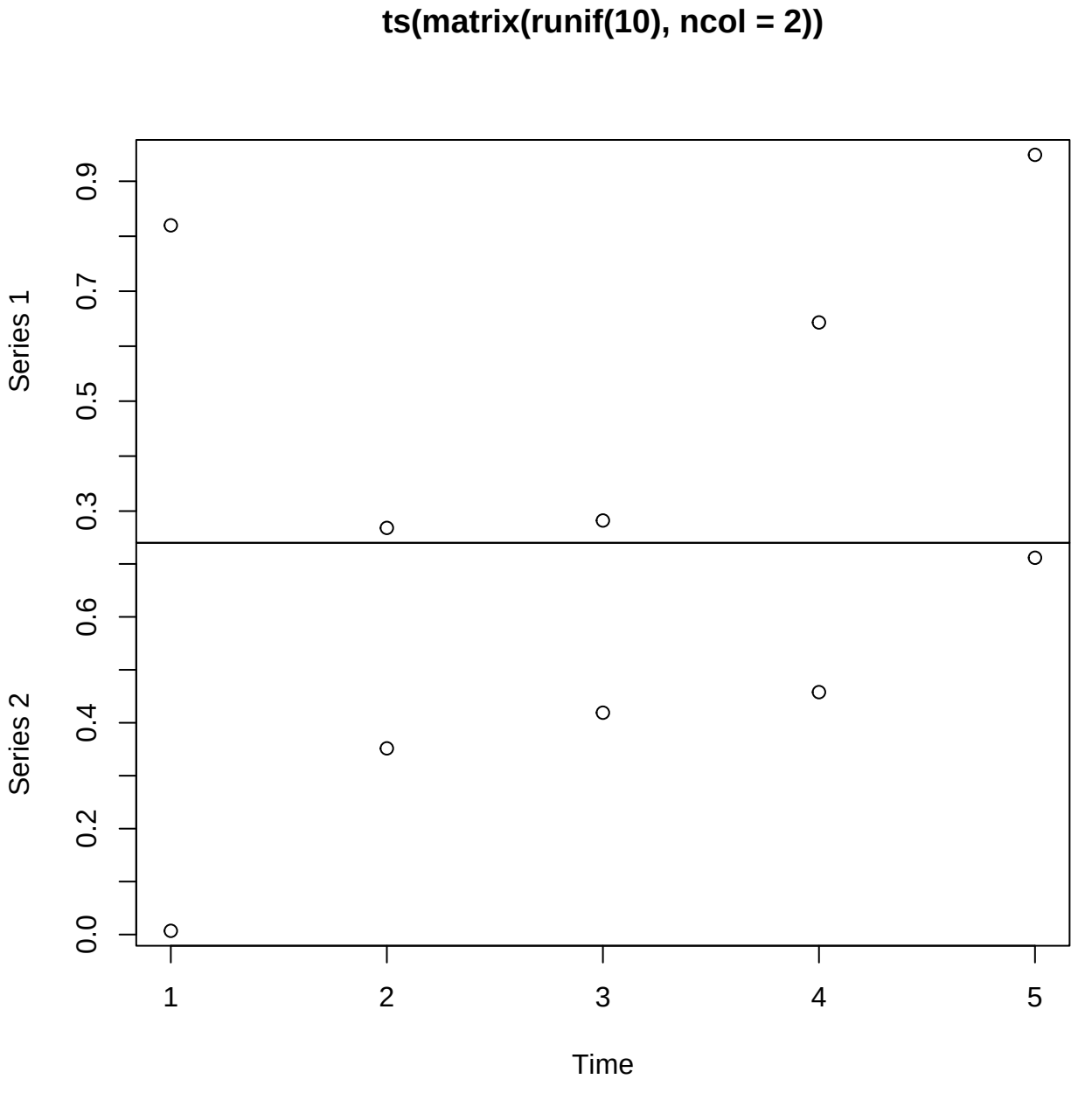

1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

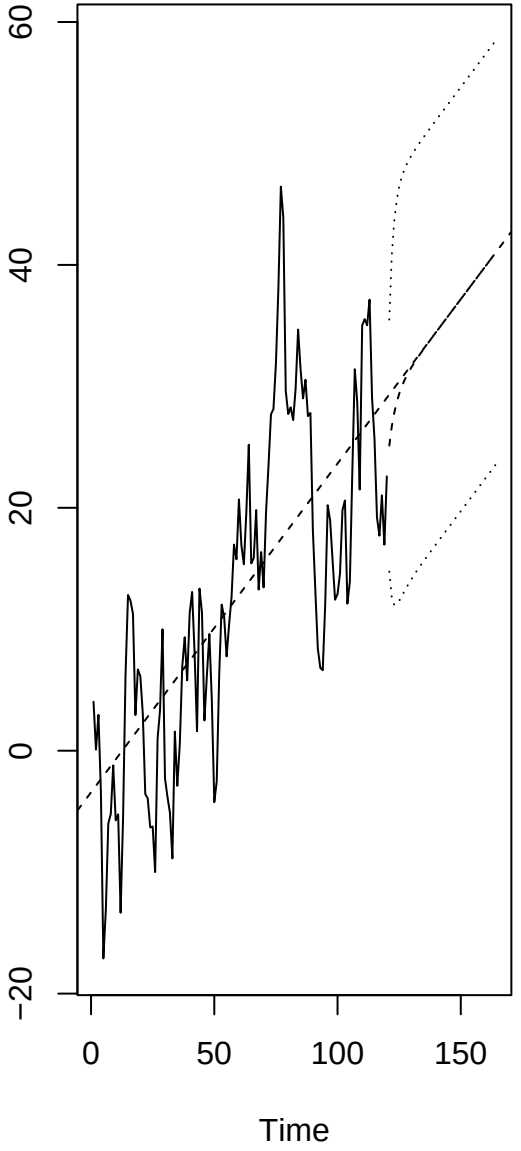

1.0
0.8
0.6
0.4
0.2
0.0
−0.5
0.0
0.5
1.0
1.5

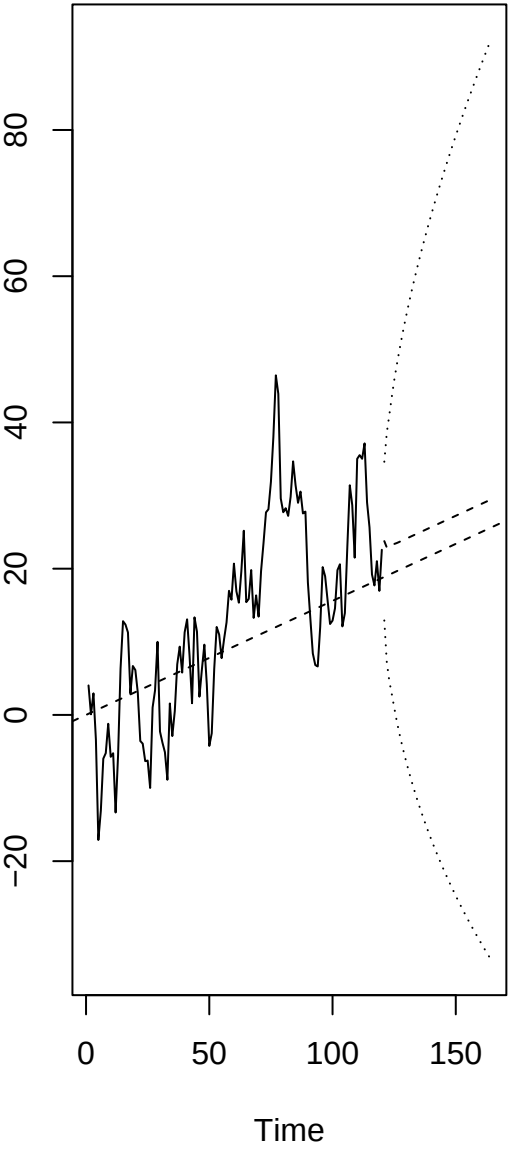

1.4
1.2
1.0
0.8
0.6
1
0.0
0.2
0.4
0.6
0.8
1.0
x


1.4
1.2
1.0
0.8
0.6
1
0.0
0.2
0.4
0.6
0.8
1.0
x


1.4
1.2
1.0
0.8
0.6
1
0.0
0.2
0.4
0.6
0.8
1.0
x

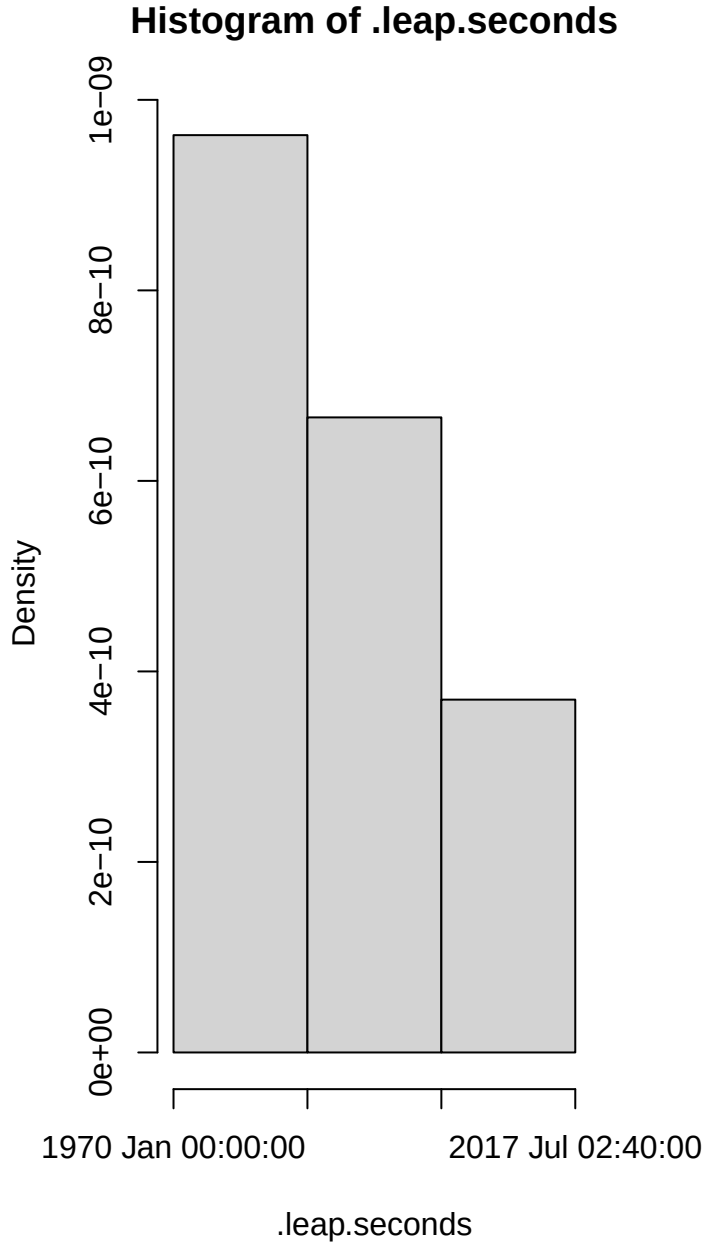

ts(matrix(runif(10), ncol = 2))
Series 1
Series 2
0.0
0.2
0.4
0.6
0.3
0.5
0.7
0.9
1
2
3
4
5
Time

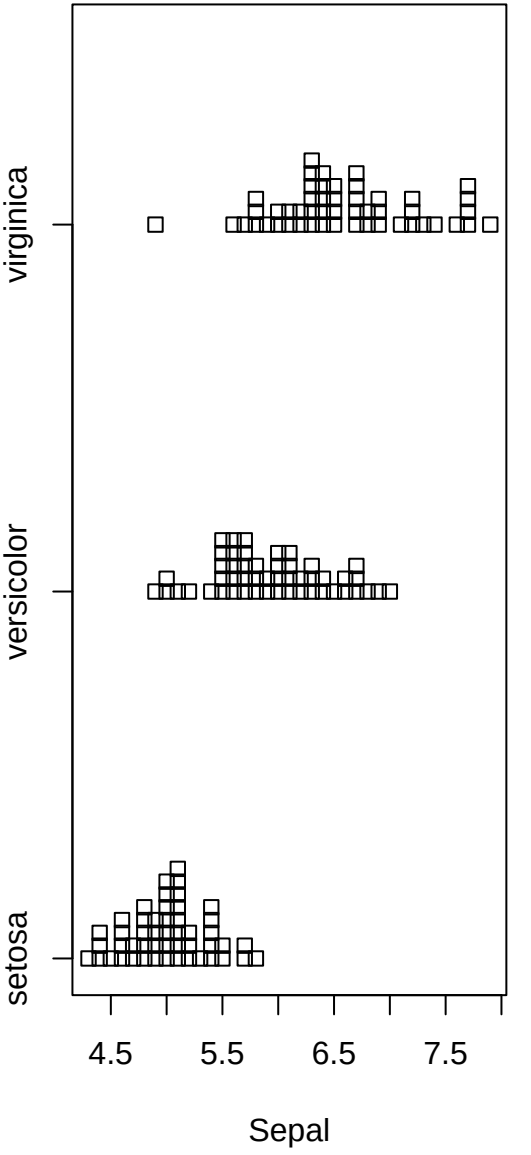

60
40
20
0
−20
0
50
100
150
Time

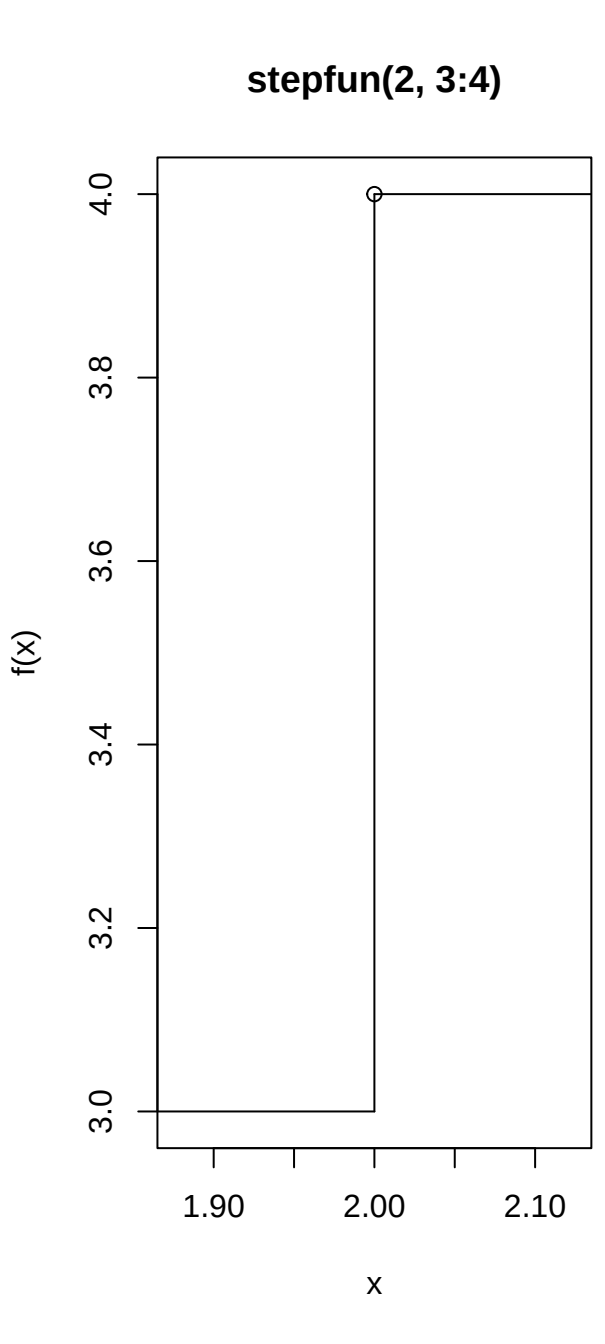

80
60
40
20
0
−20
0
50
100
150
Time

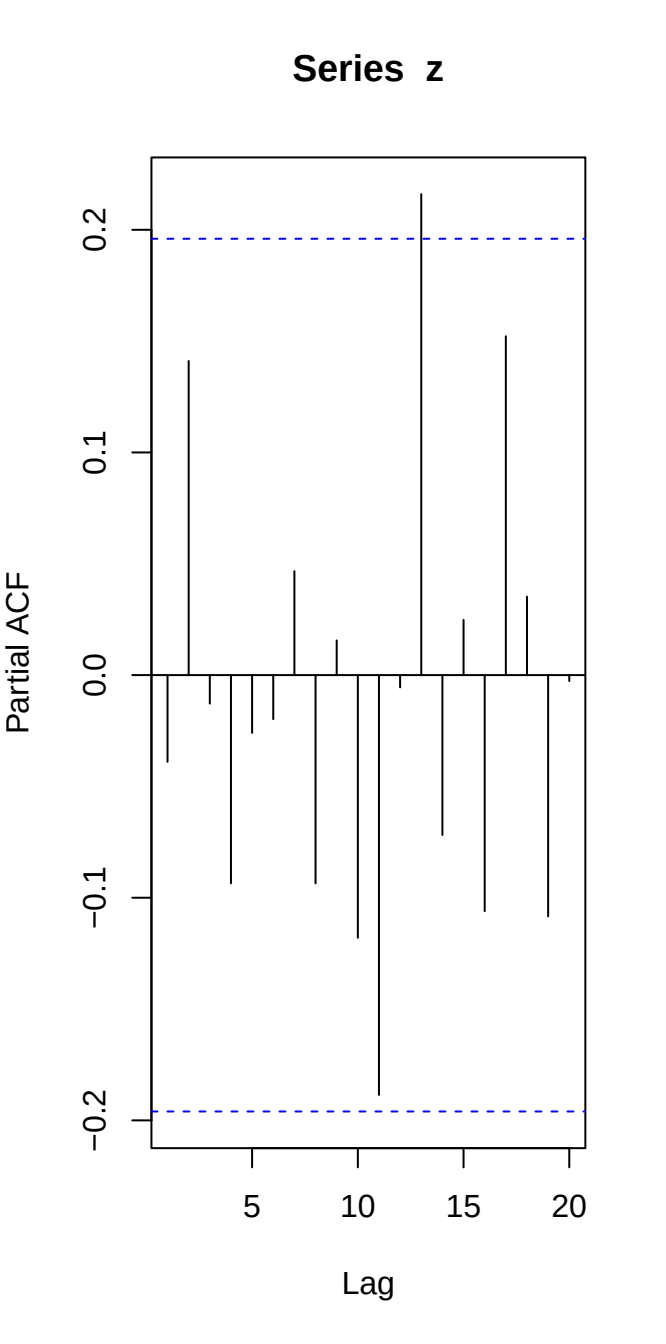
1
1.4
1.2
1.0
0.8
0.6
0.00
0.02
0.04
x2

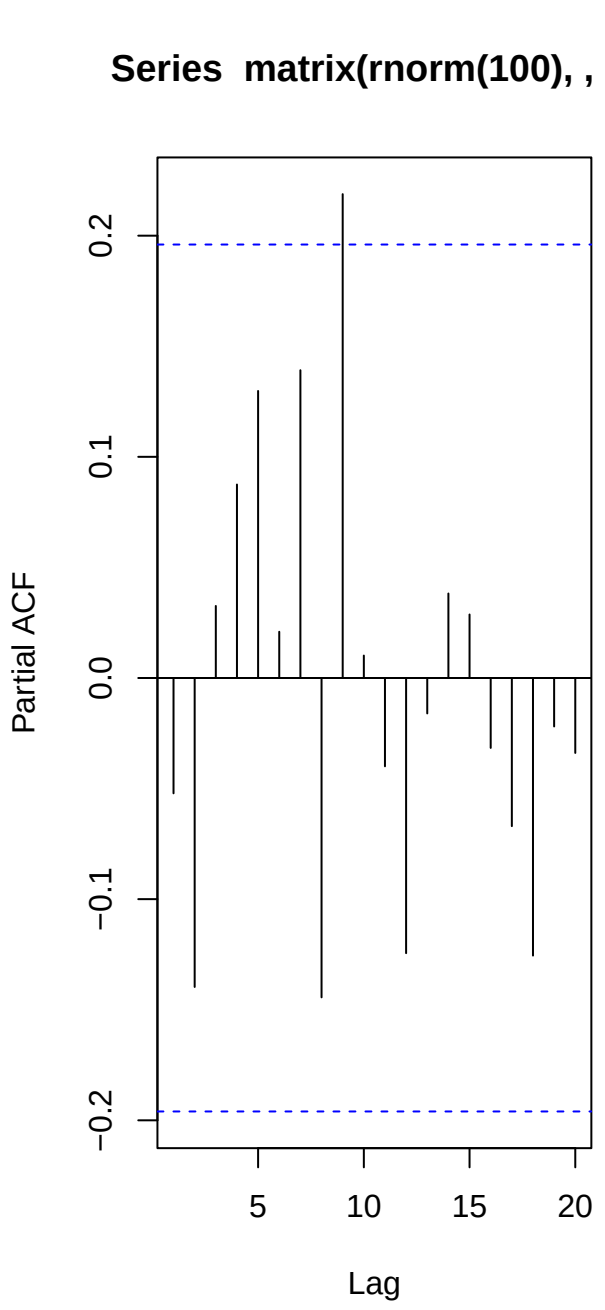
matrix(1:4, 2)
1

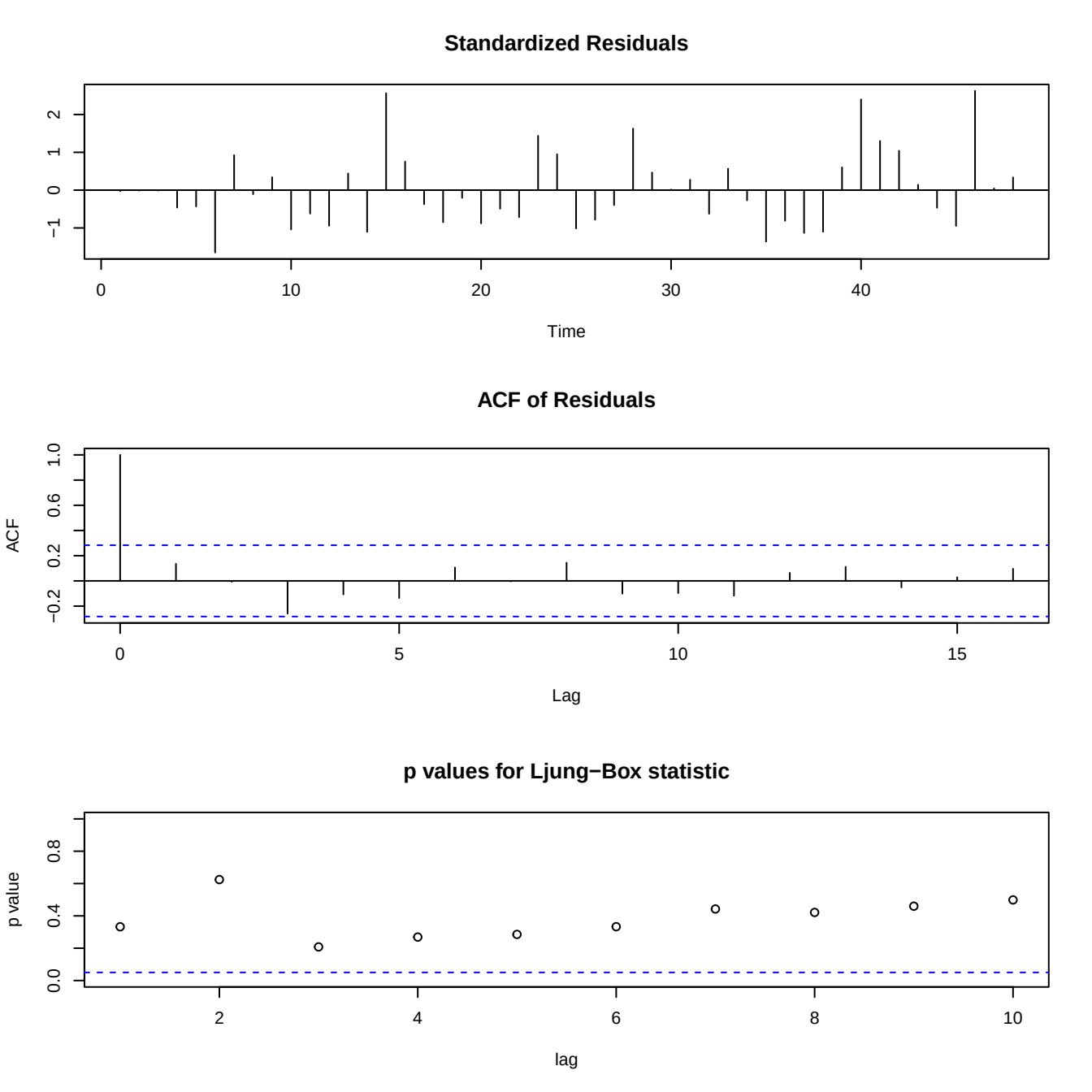

Histogram of .leap.seconds
Density
0e+00
2e−10
4e−10
6e−10
8e−10
1e−09
1970 Jan 00:00:00
2017 Jul 02:40:00
.leap.seconds

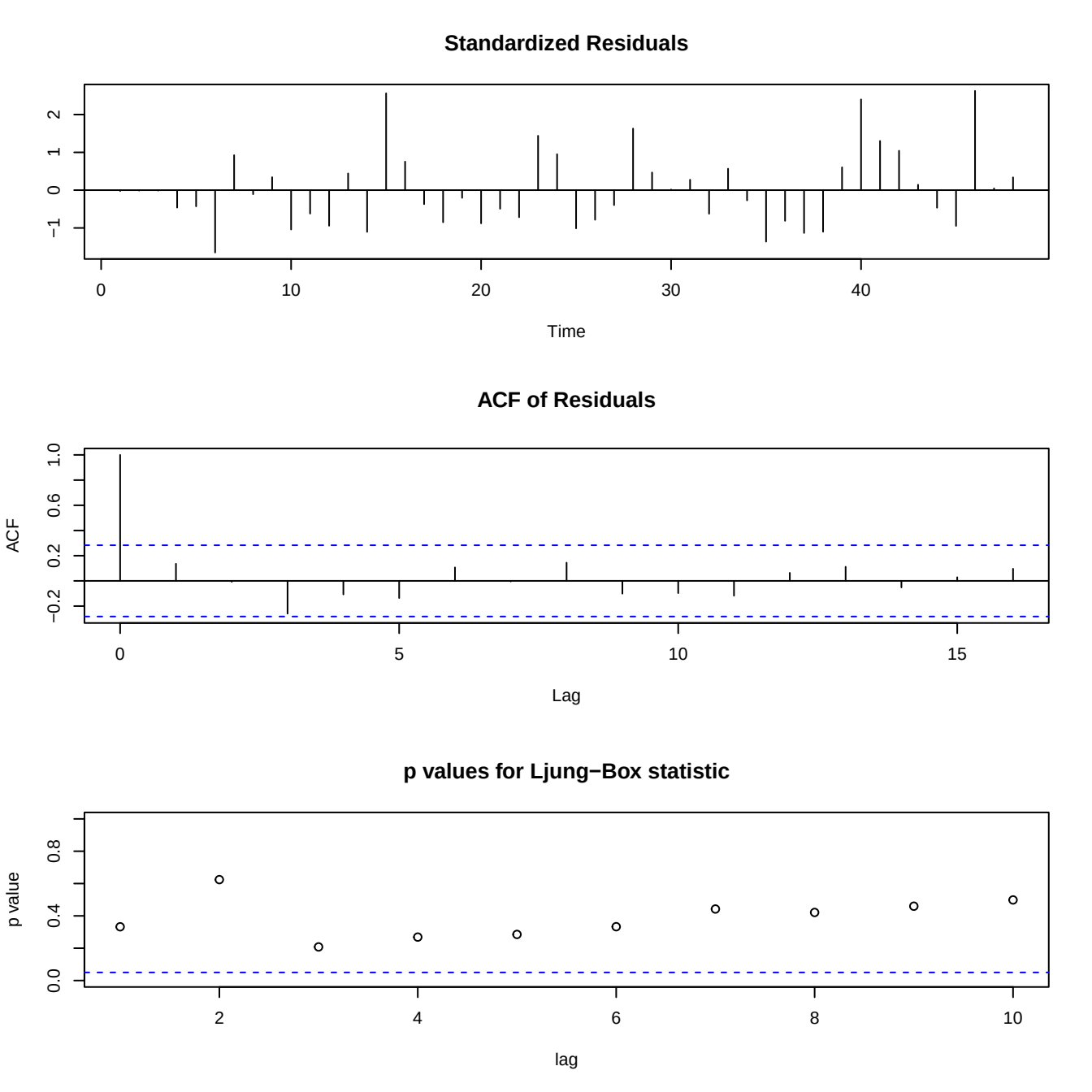

virginica
versicolor
setosa
4.5
5.5
6.5
7.5
Sepal

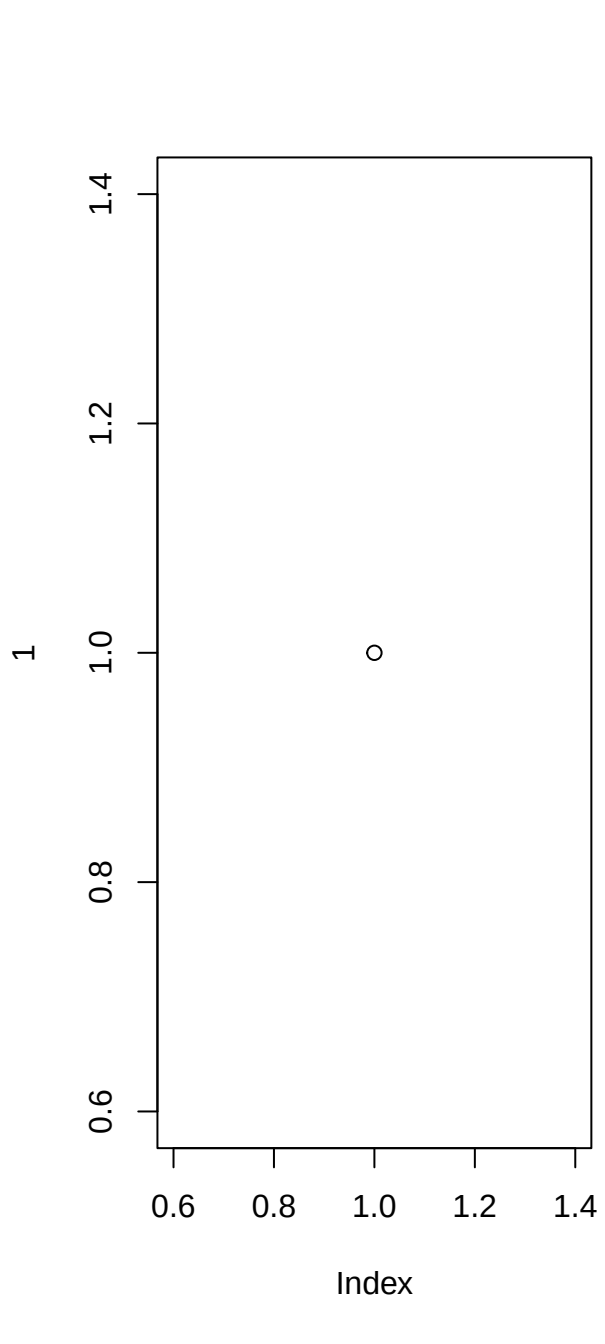

stepfun(2, 3:4)
f(x)
4.0
3.8
3.6
3.4
3.2
3.0
1.90
2.00
2.10
x

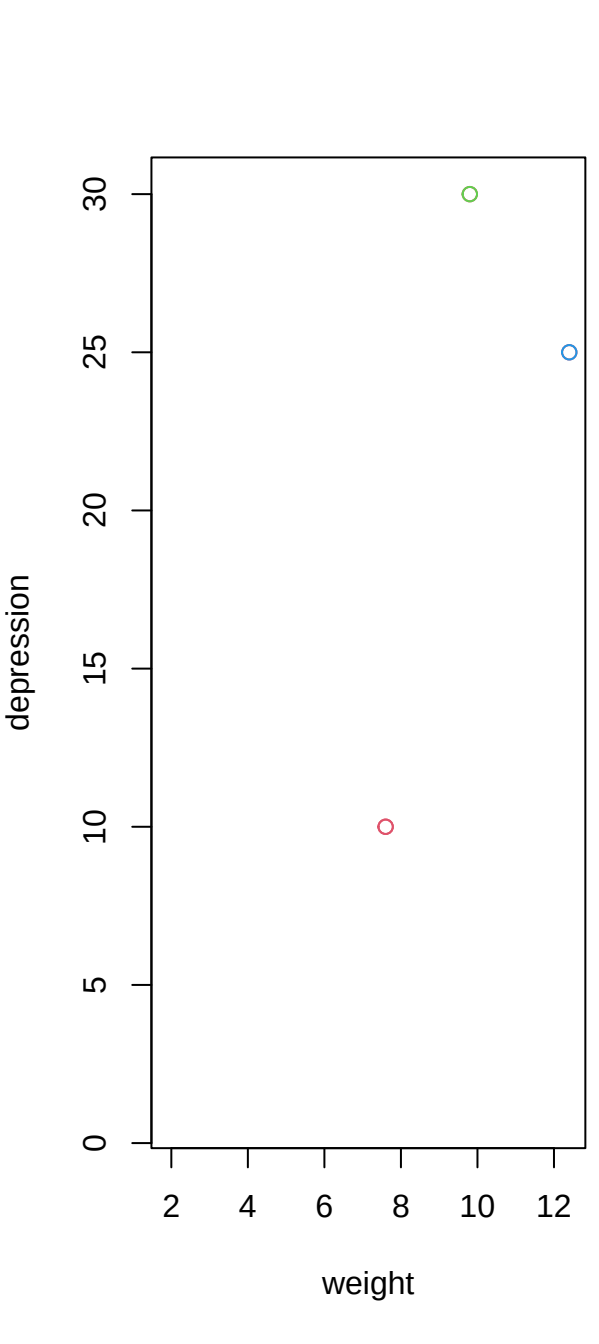

Series z
Partial ACF
0.2
0.1
0.0
−0.1
−0.2
5
10
15
20
Lag

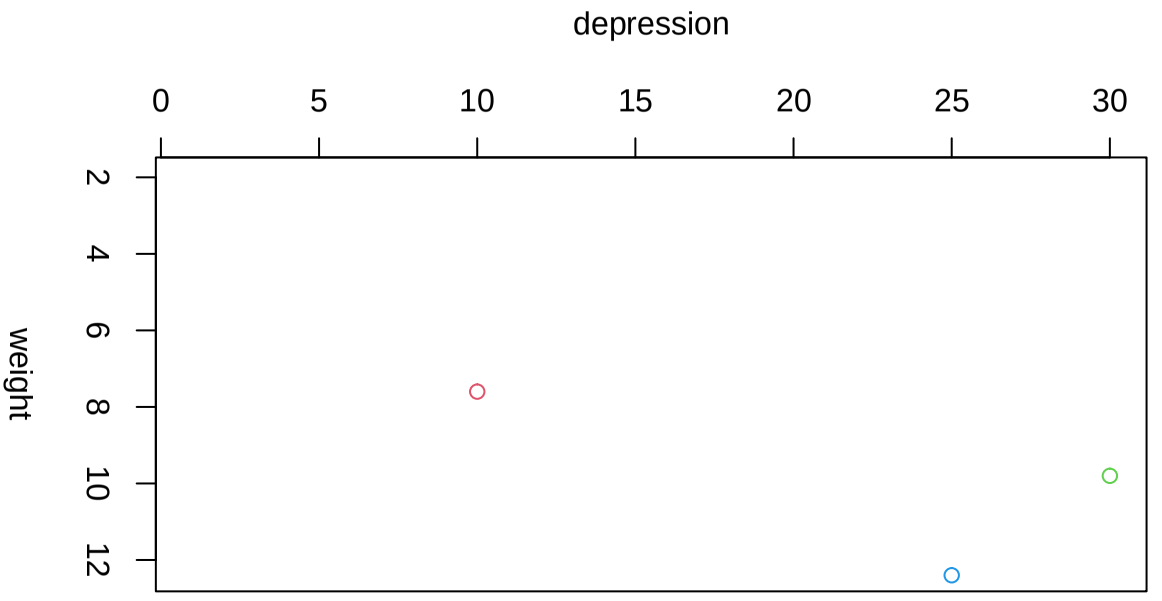

Series matrix(rnorm(100), , 1)
Partial ACF
0.2
0.1
0.0
−0.1
−0.2
5
10
15
20
Lag

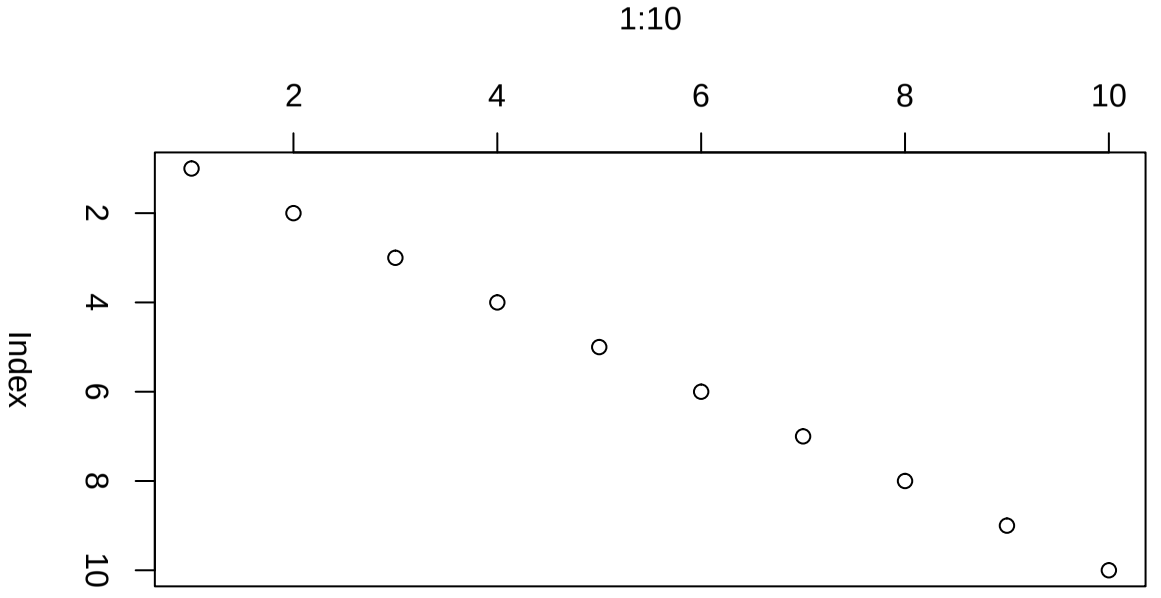

Standardized Residuals
−1
0
1
2
0
10
20
30
40
Time
ACF of Residuals
ACF
−0.2
0.2
0.6
1.0
0
5
10
15
Lag
p values for Ljung−Box statistic
p value
0.0
0.4
0.8
2
4
6
8
10
lag

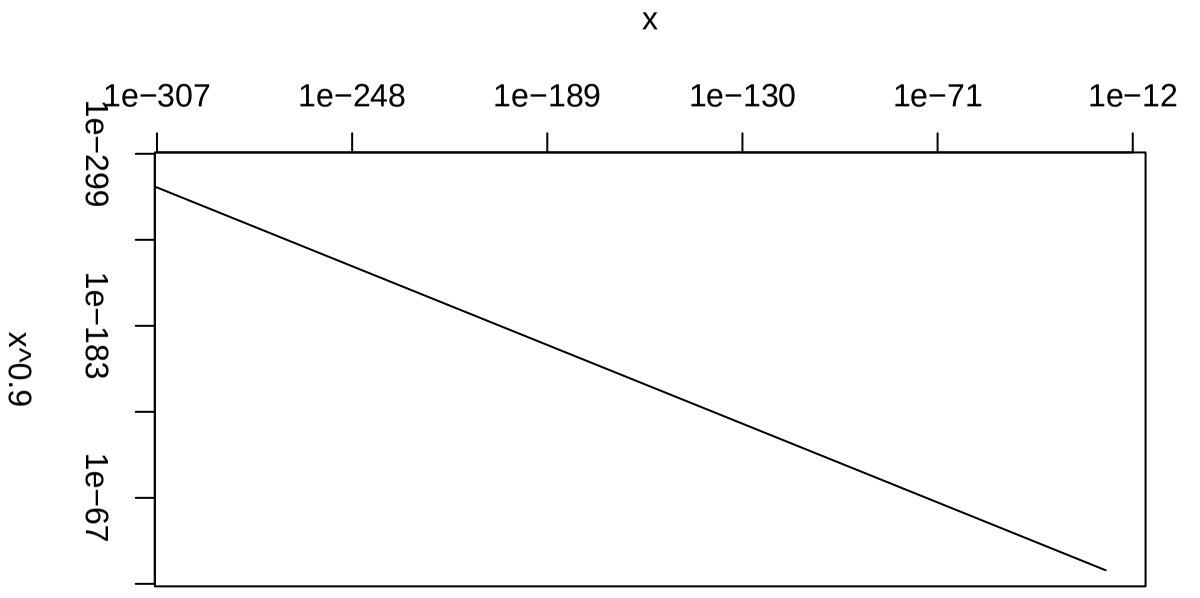

Standardized Residuals
−1
0
1
2
0
10
20
30
40
Time
ACF of Residuals
ACF
−0.2
0.2
0.6
1.0
0
5
10
15
Lag
p values for Ljung−Box statistic
p value
0.0
0.4
0.8
2
4
6
8
10
lag

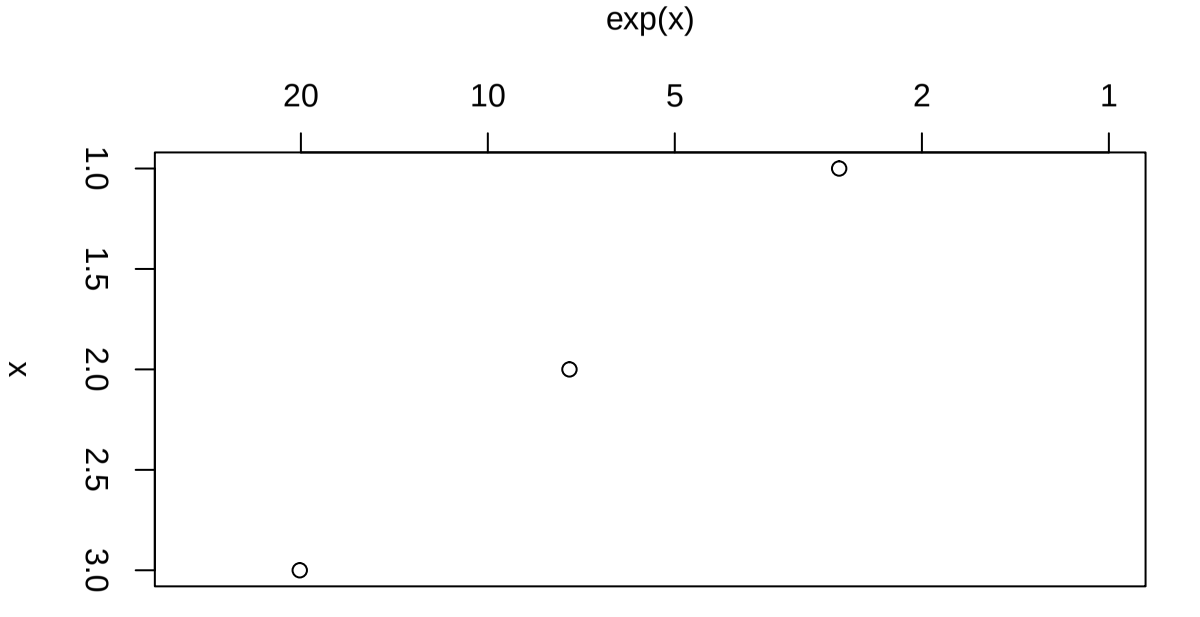

1
0.6
0.8
1.0
1.2
1.4
Index

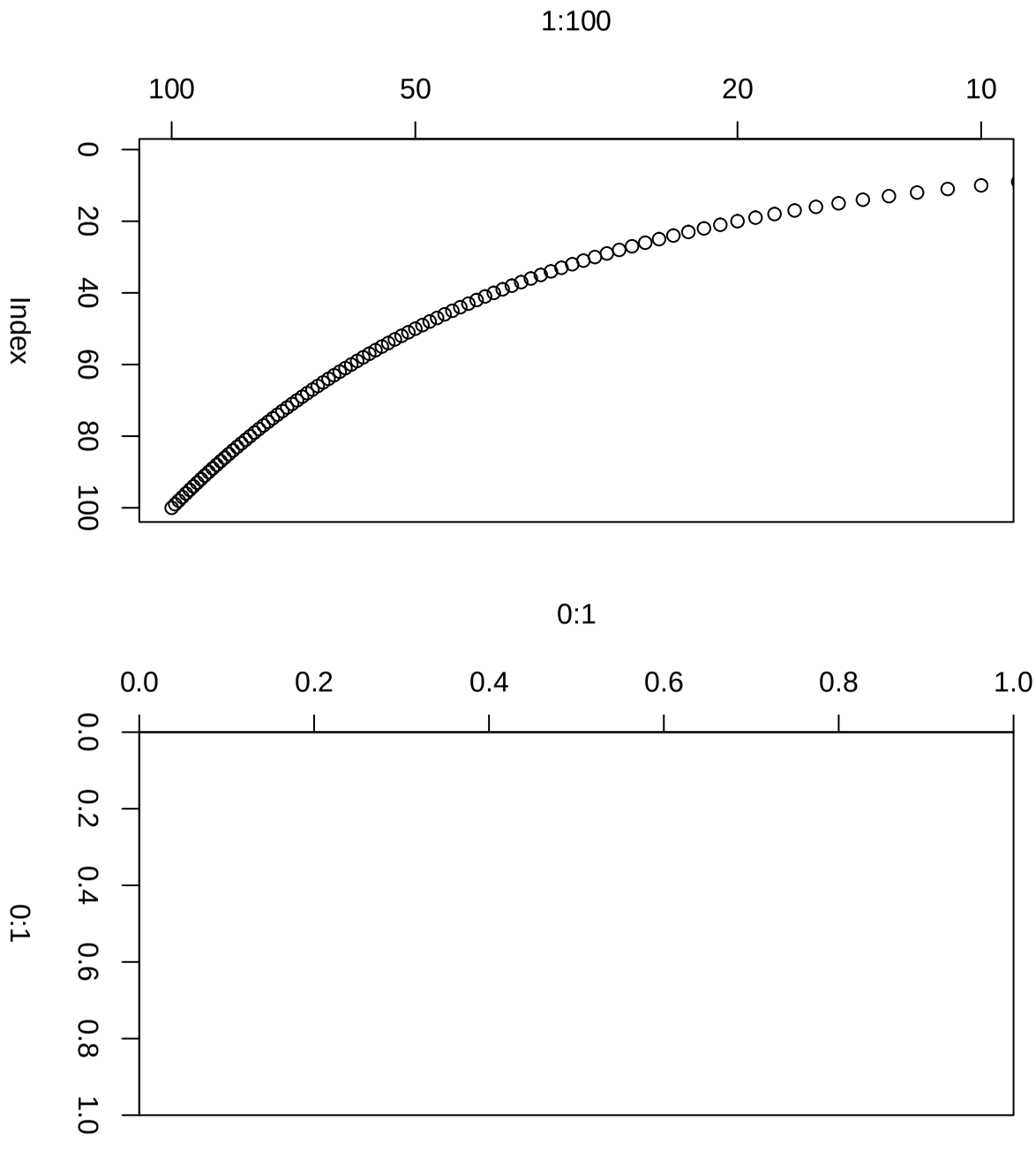

depression
0
5
10
15
20
25
30
2
4
6
8
10
12
weight

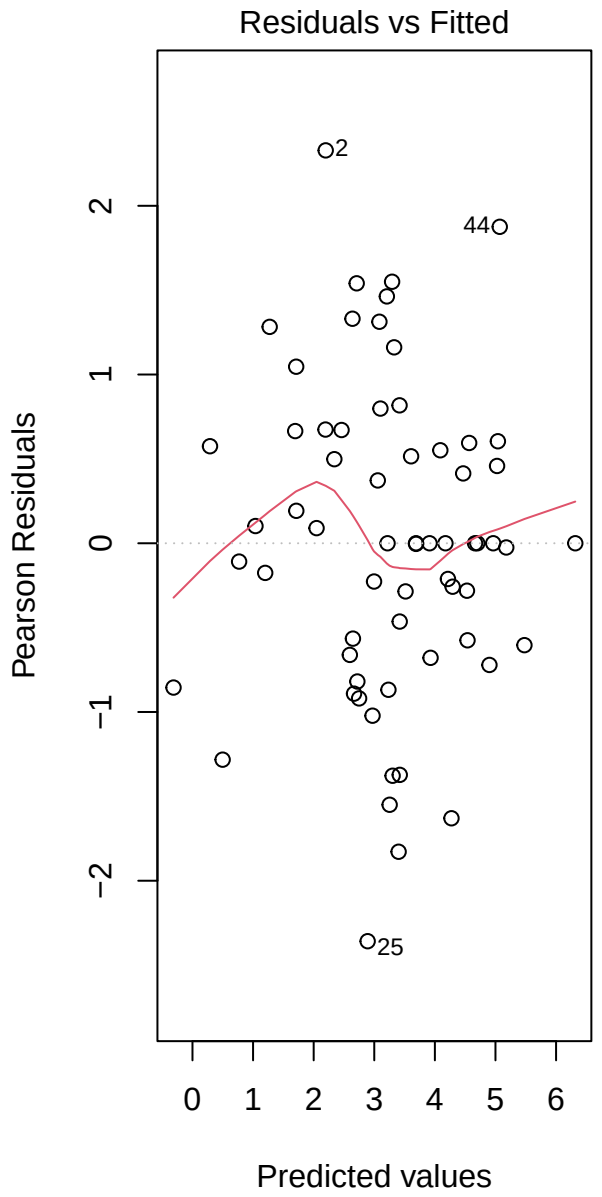

depression
0
5
10
15
20
25
30
weight
2
4
6
8
10
12

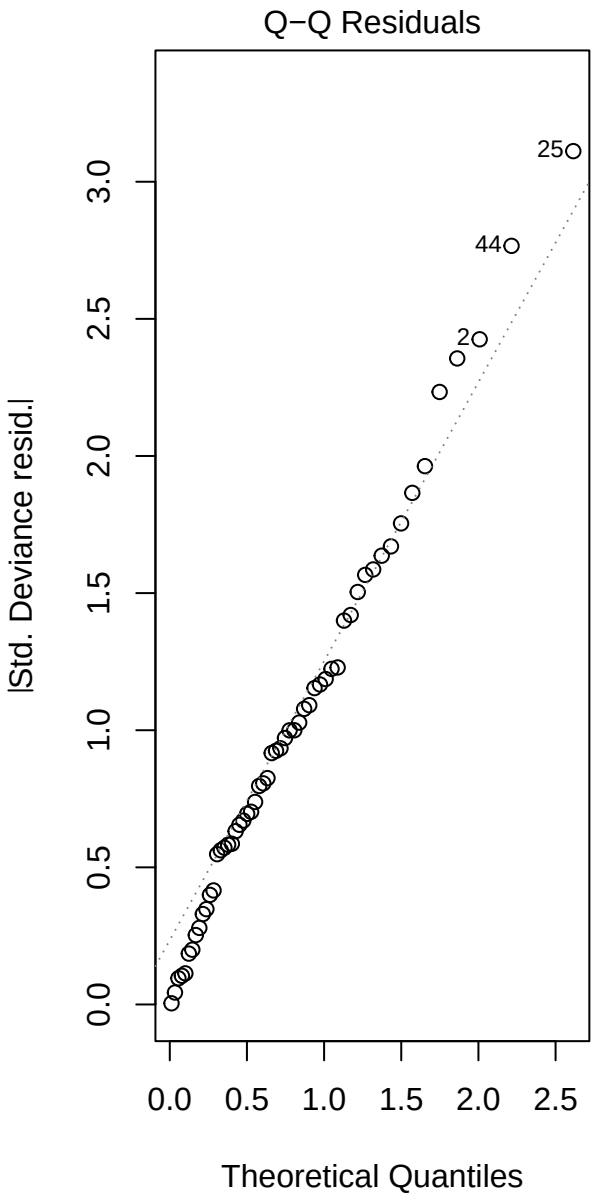

1:10
2
4
6
8
10
Index
2
4
6
8
10

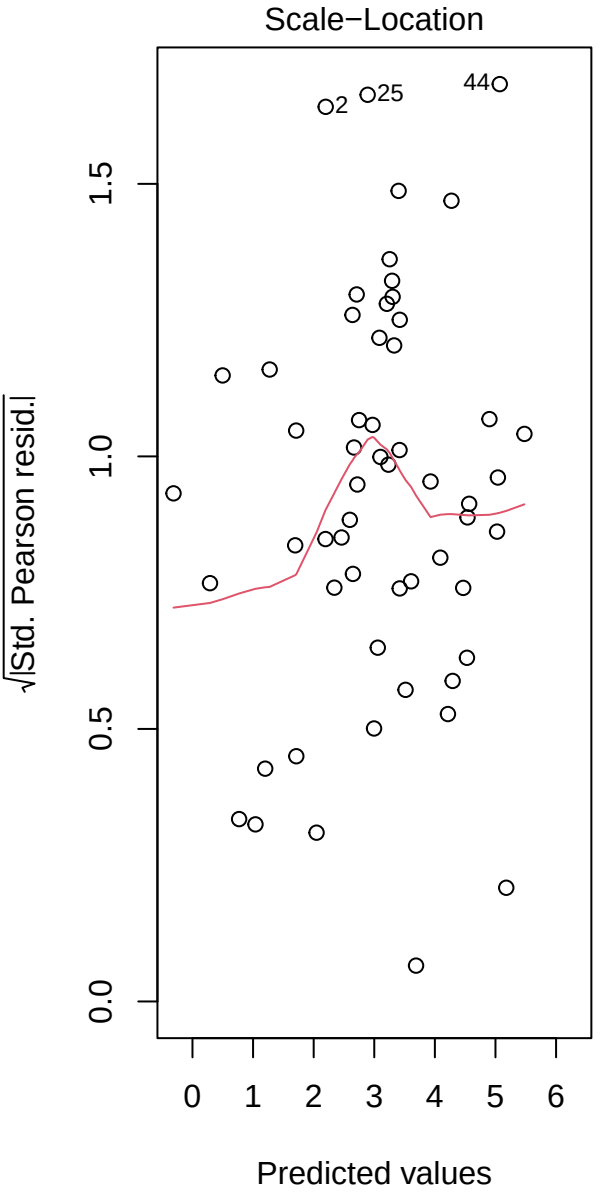

x
1e−307
1e−248
1e−189
1e−130
1e−71
1e−12
x^0.9
1e−299
1e−183
1e−67

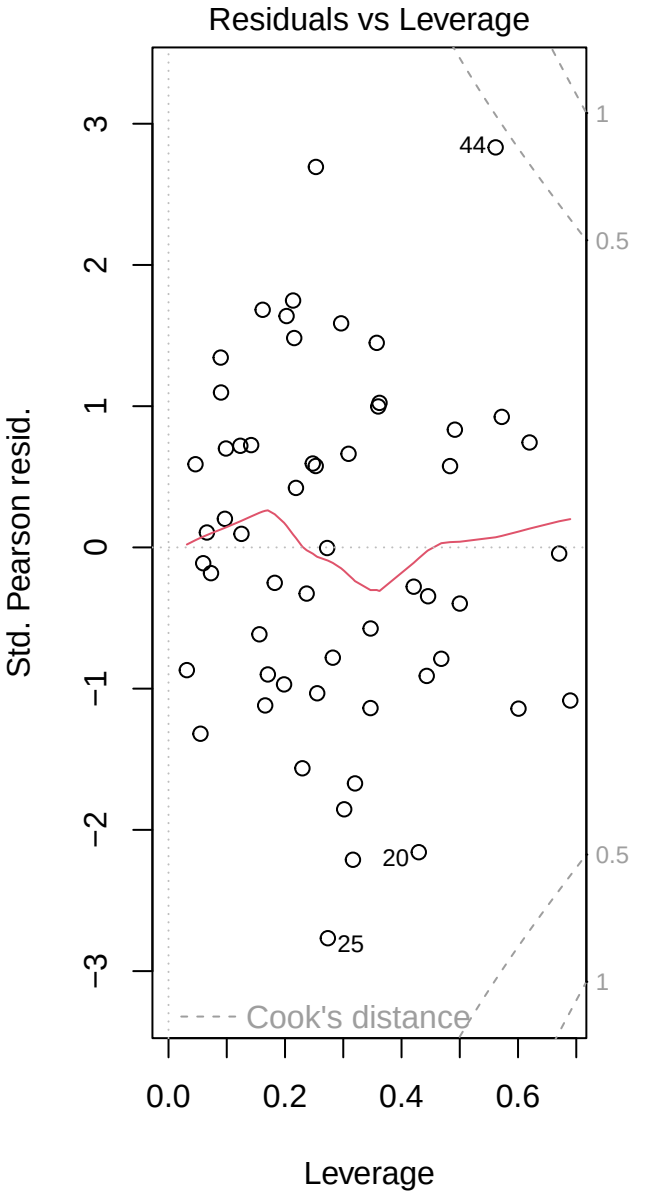

exp(x)
20
10
5
2
1
x
1.0
1.5
2.0
2.5
3.0

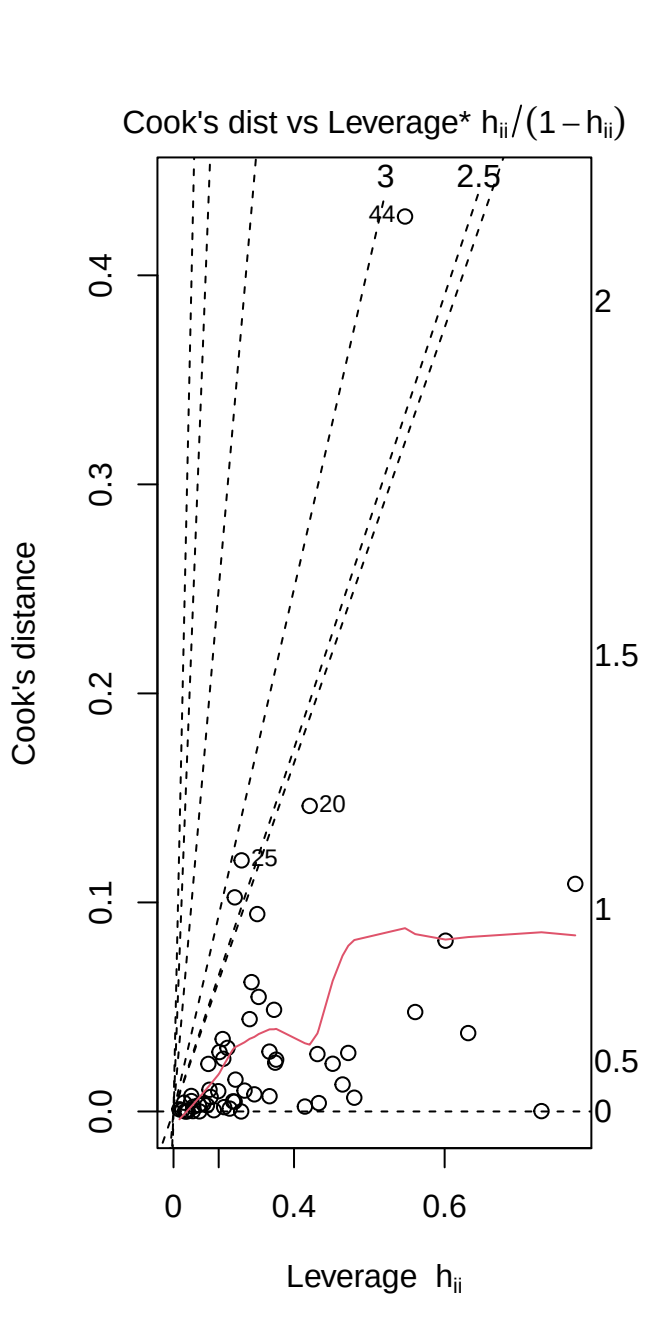

1:100
100
50
20
10
0
20
40
60
80
100
Index
0:1
0.0
0.2
0.4
0.6
0.8
1.0
0.0
0.2
0.4
0.6
0.8
1.0
0:1

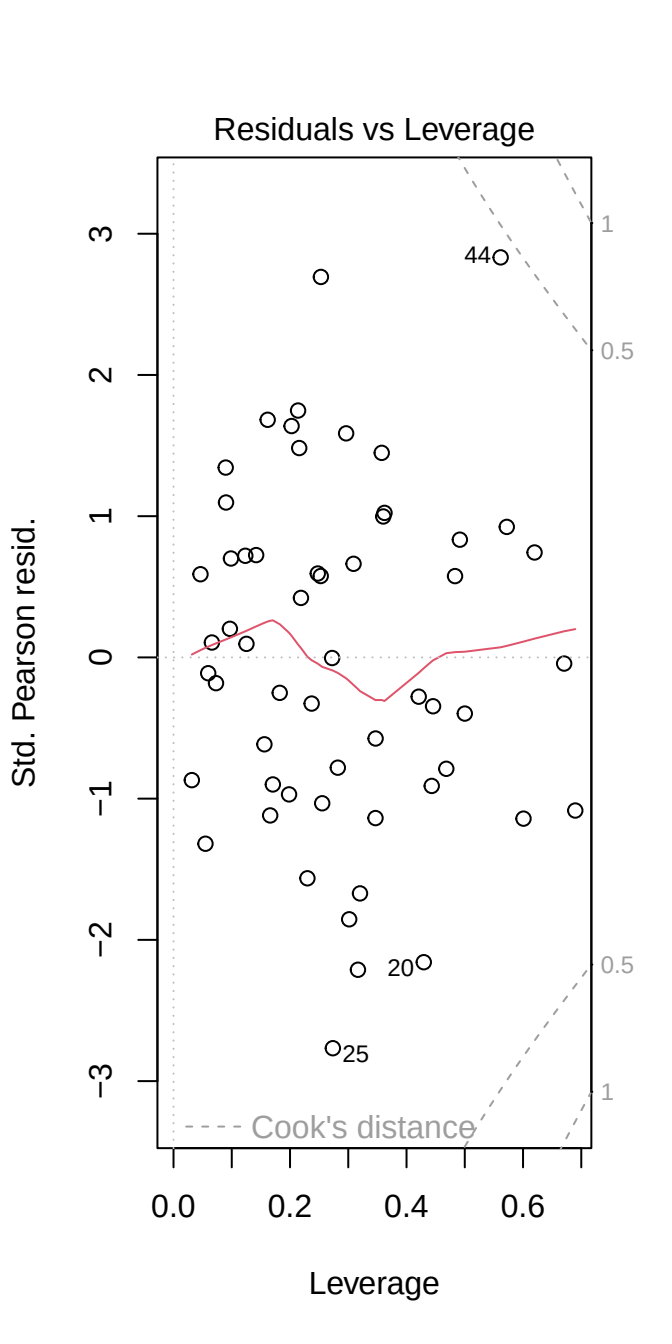

Residuals vs Fitted
Pearson Residuals
Predicted values
2
44
25
−2
−1
0
1
2
0
1
2
3
4
5
6

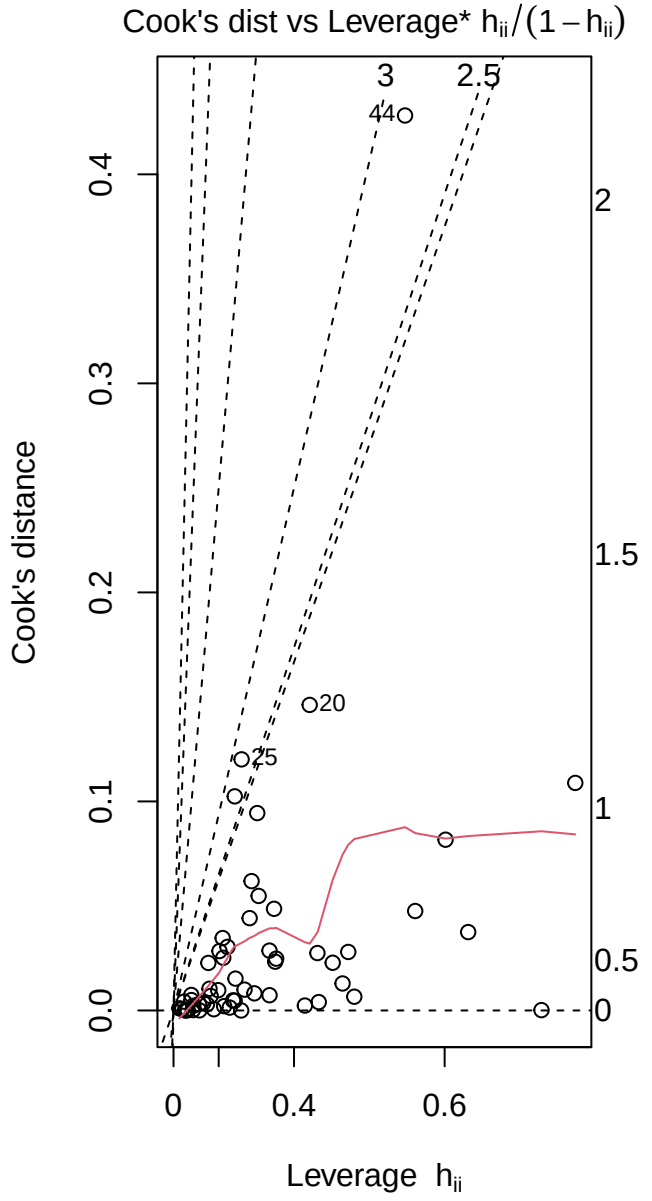

Q−Q Residuals
|Std. Deviance resid.|
Theoretical Quantiles
25
44
2
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0.0
0.5
1.0
1.5
2.0
2.5

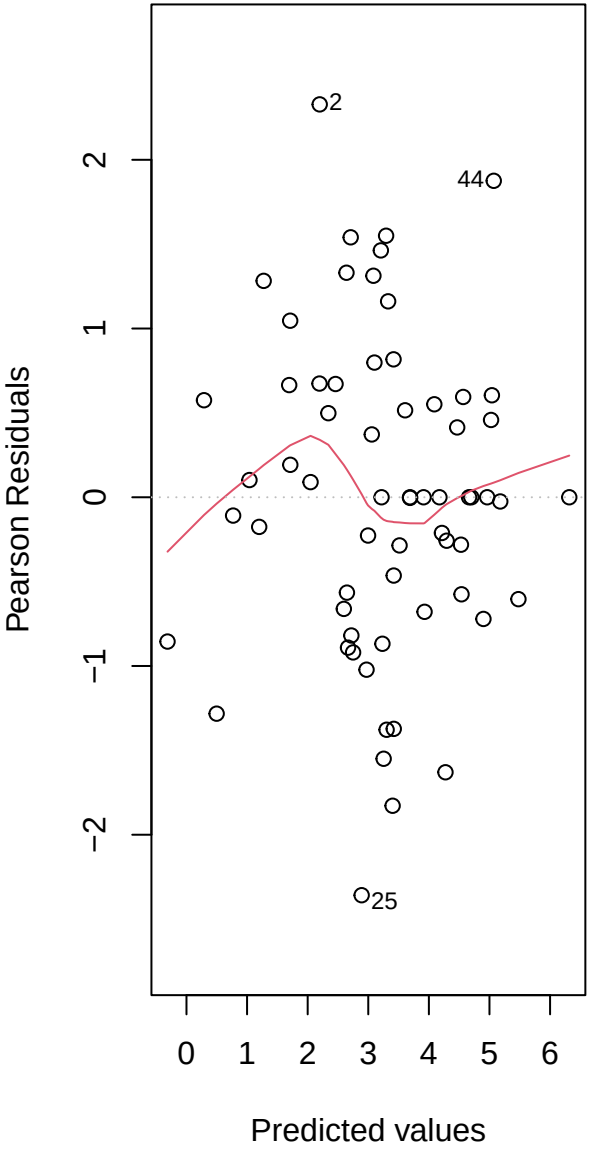

Scale−Location
√|Std. Pearson resid.|
0.0
0.5
1.0
1.5
2
25
44
0
1
2
3
4
5
6
Predicted values

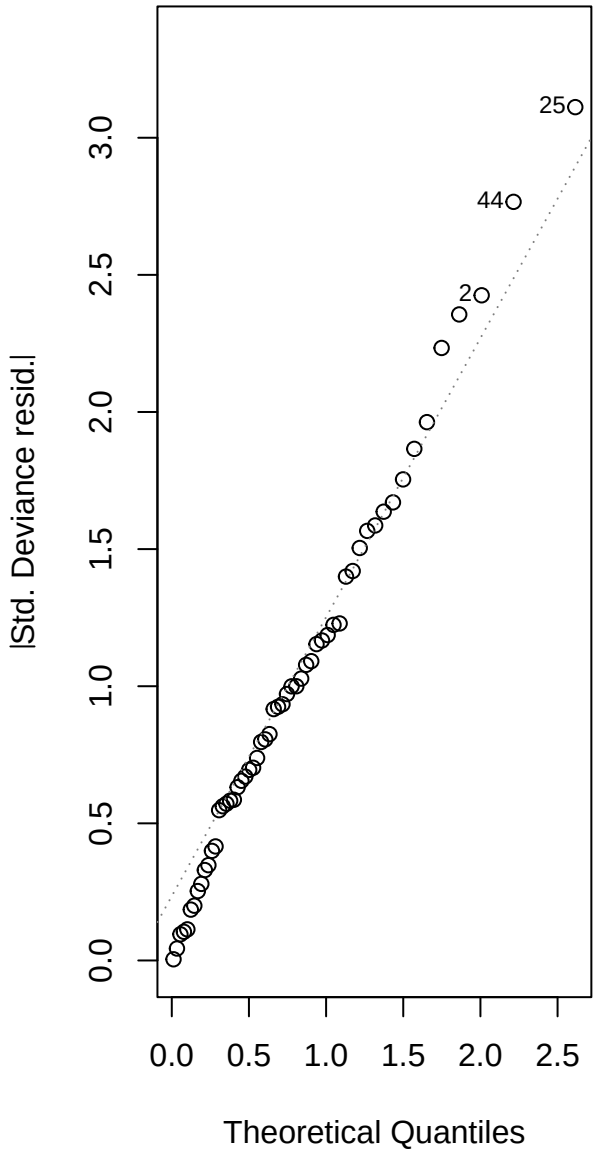

Residuals vs Leverage
Std. Pearson resid.
−3
−2
−1
0
1
2
3
44
20
25
1
0.5
0.5
1
Cook's distance
0.0
0.2
0.4
0.6
Leverage

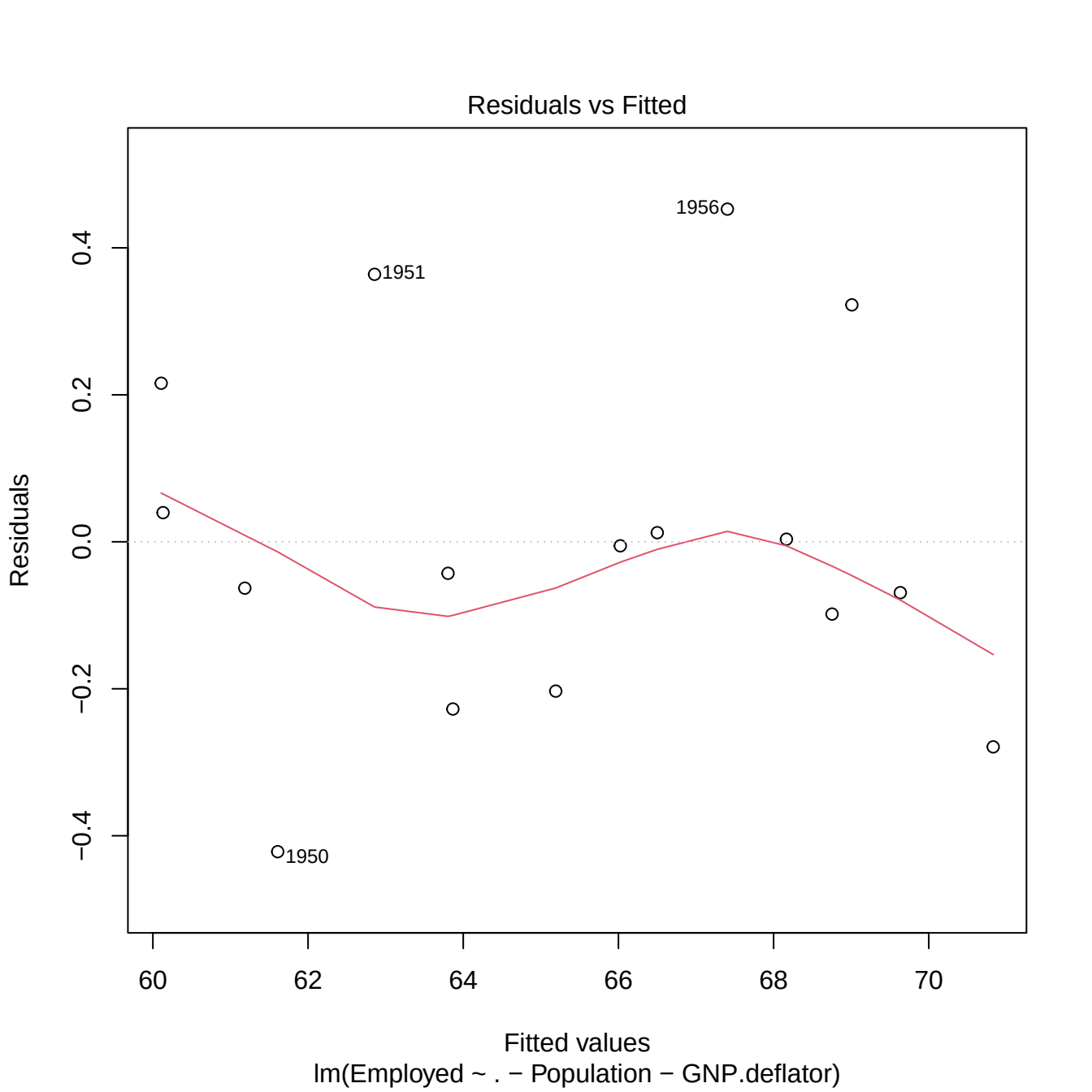

Cook's dist vs Leverage* $h_{ii}/(1-h_{ii})$
Cook's distance
Leverage h_{ii}
3
2.5
44
20
25
0.0
0.1
0.2
0.3
0.4
0
0.4
0.6
0
0.5
1
1.5
2

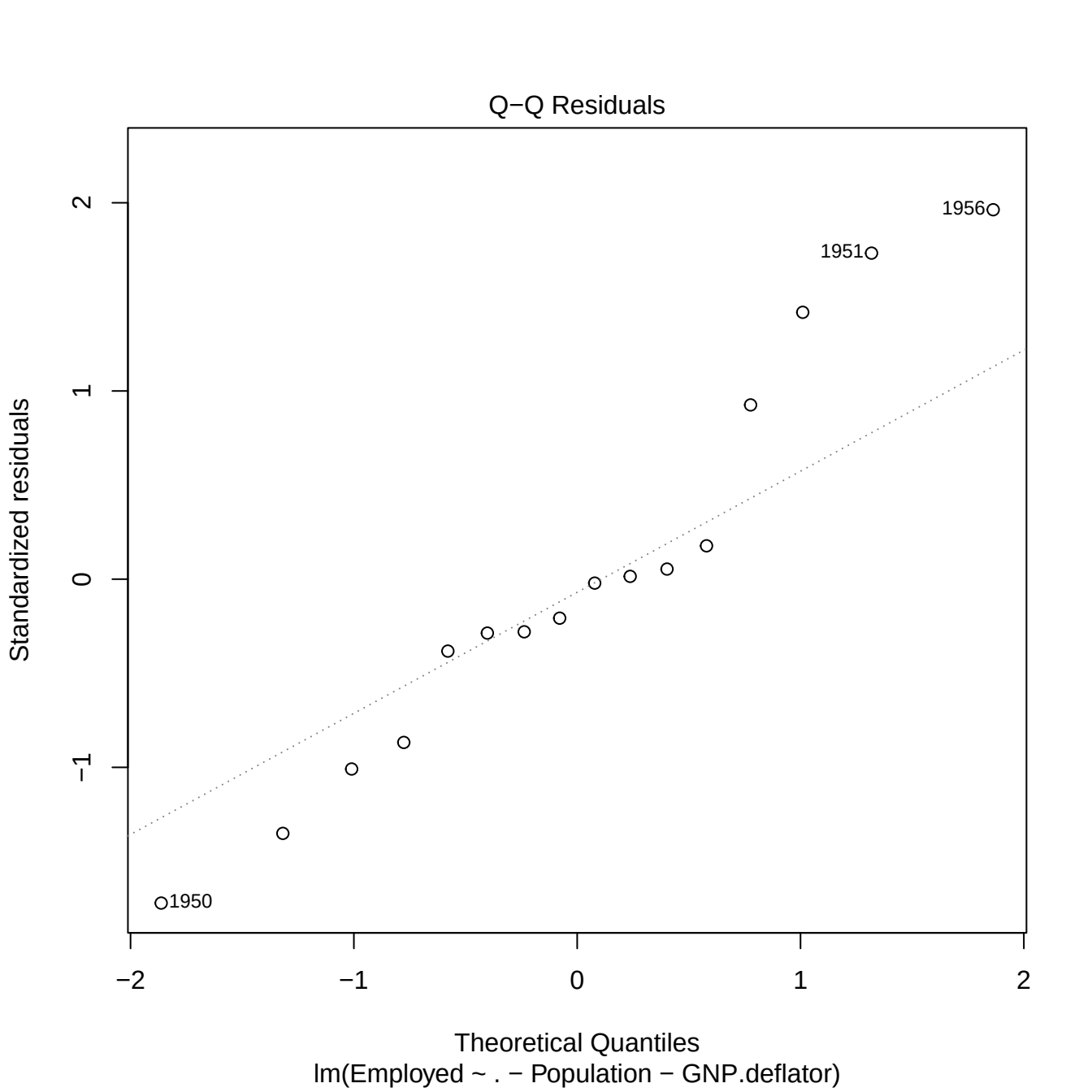

Residuals vs Leverage
Std. Pearson resid.
Leverage
Cook's distance
44
20
25
−3
−2
−1
0
1
2
3
0.0
0.2
0.4
0.6
0.5
1
0.5
1

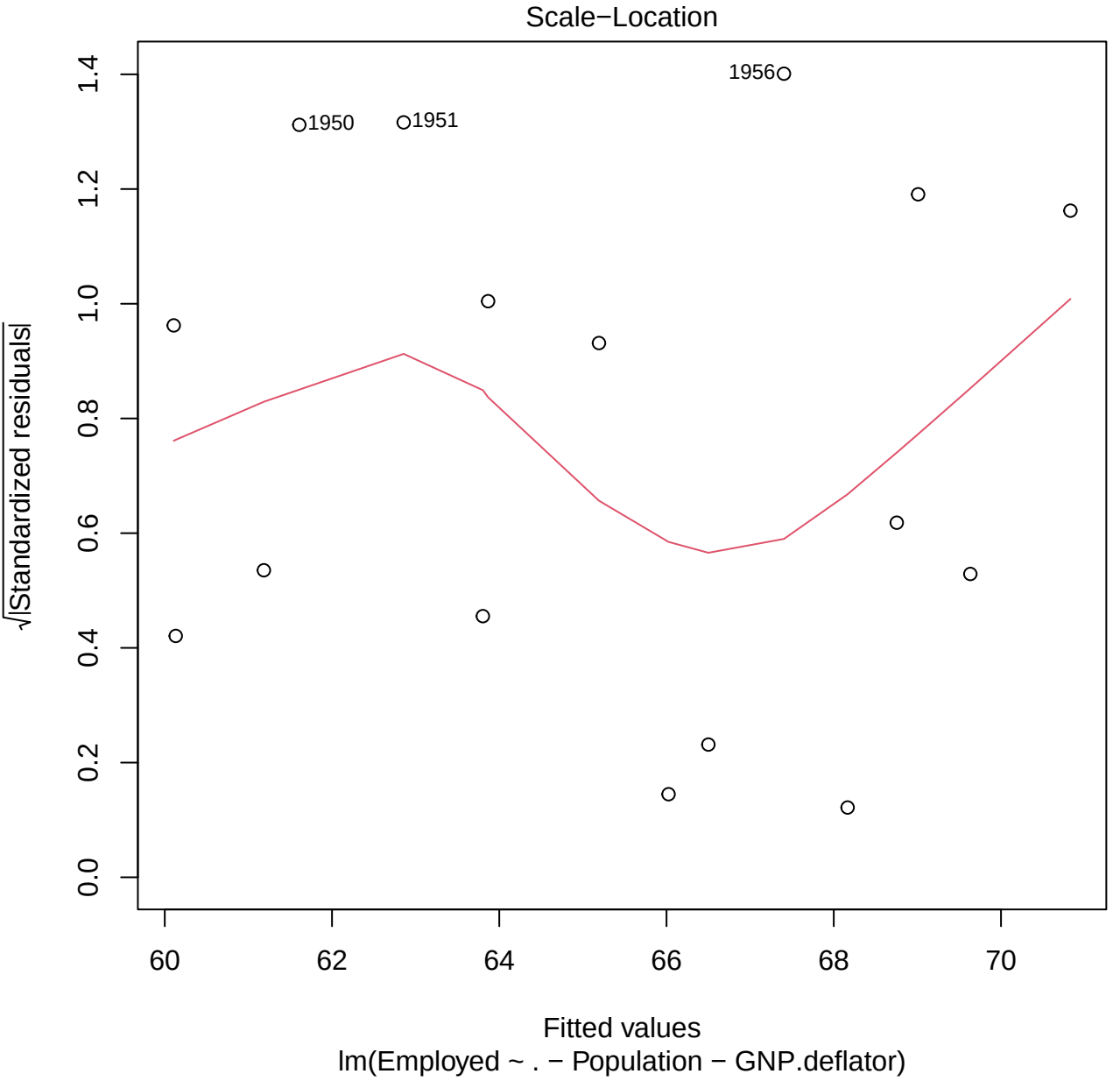

Cook's dist vs Leverage* $h_{ii}/(1-h_{ii})$
3
2.5
44
20
25
Cook's distance
Leverage h_{ii}
0.0
0.1
0.2
0.3
0.4
0
0.4
0.6
0.5
1
1.5
2

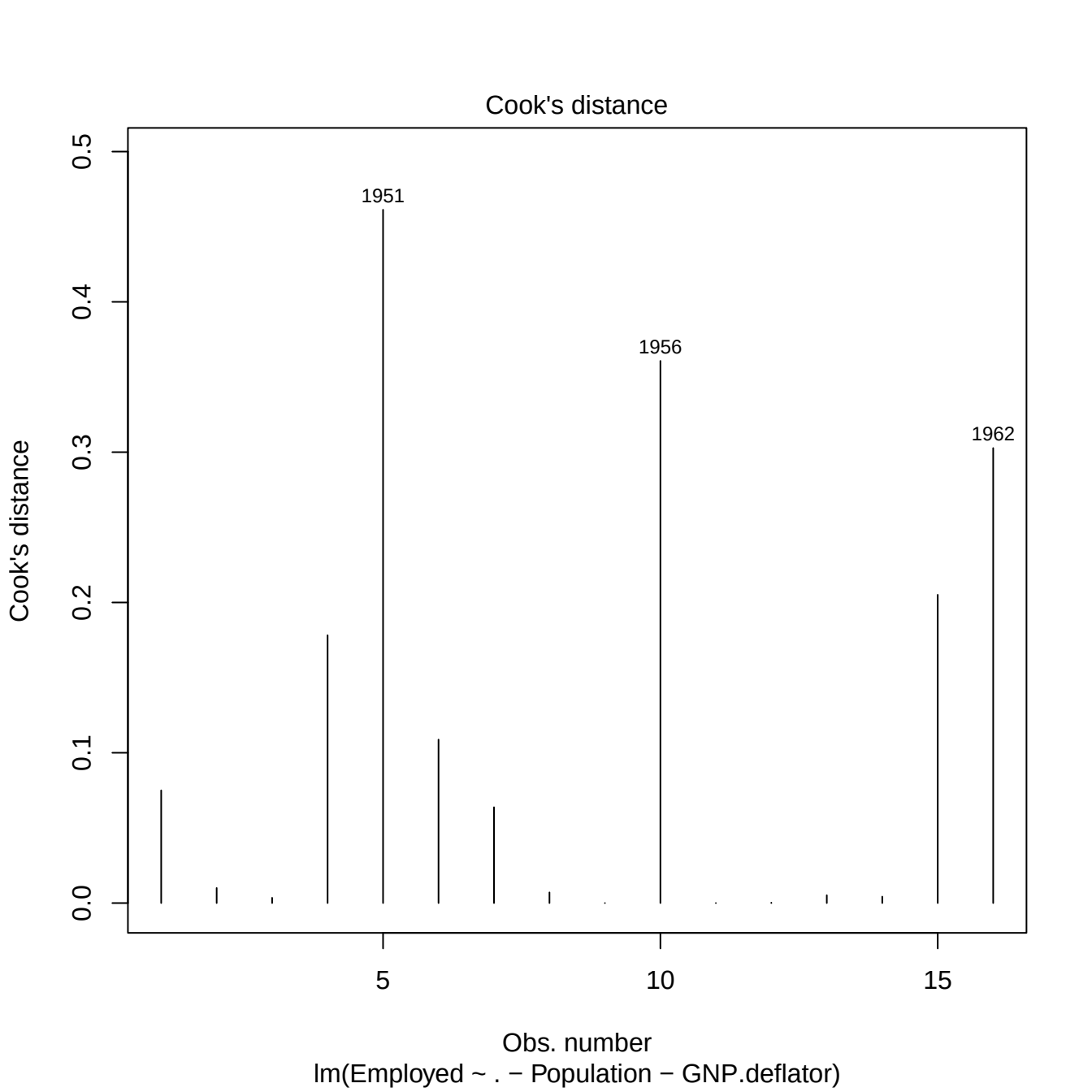

2
44
25
Pearson Residuals
Predicted values
−2
−1
0
1
2
0
1
2
3
4
5
6

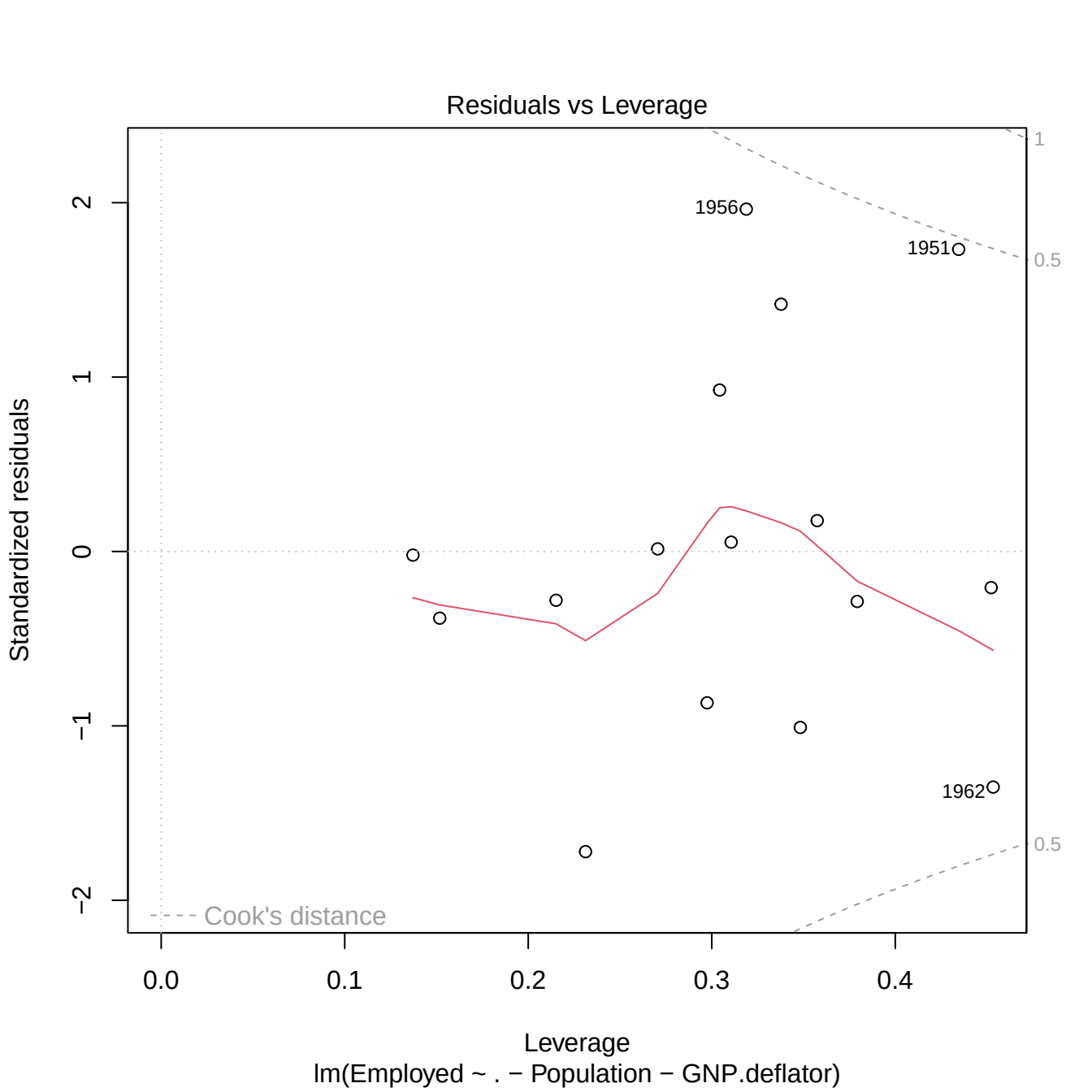

|Std. Deviance resid.|
0.0
0.5
1.0
1.5
2.0
2.5
3.0
25
44
2
0.0
0.5
1.0
1.5
2.0
2.5
Theoretical Quantiles

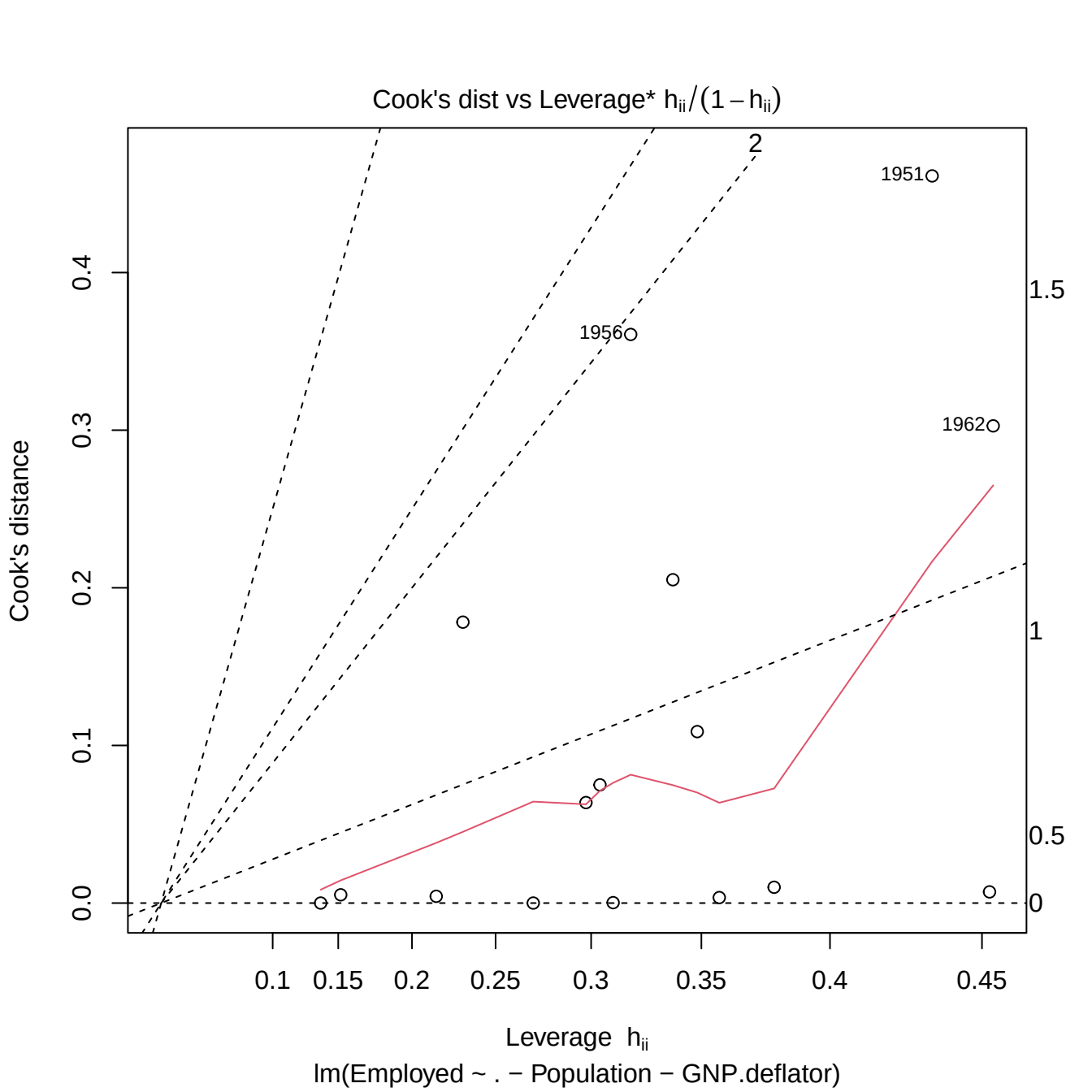

Residuals vs Fitted
1956
1951
1950
0.4
0.2
0.0
−0.2
−0.4
Residuals
60
62
64
66
68
70
Fitted values
lm(Employed ~ . − Population − GNP.deflator)

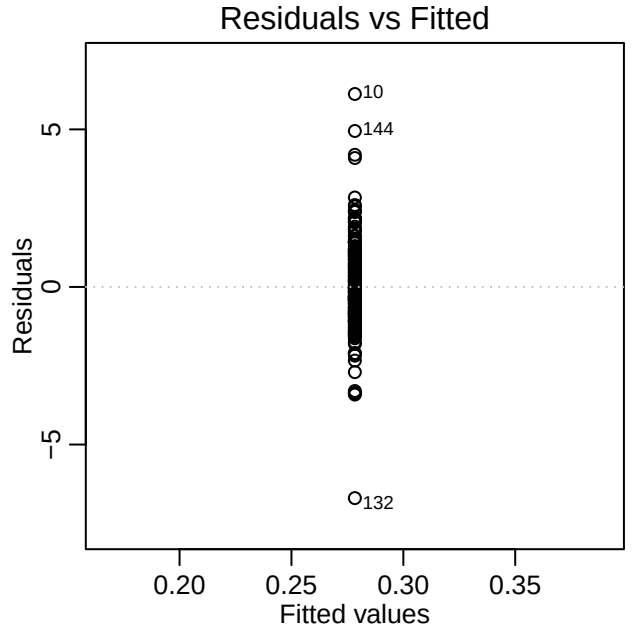

Q−Q Residuals
Standardized residuals
Theoretical Quantiles
lm(Employed ~ . − Population − GNP.deflator)
1956
1951
1950
2
1
0
−1
−2
−2
−1
0
1
2

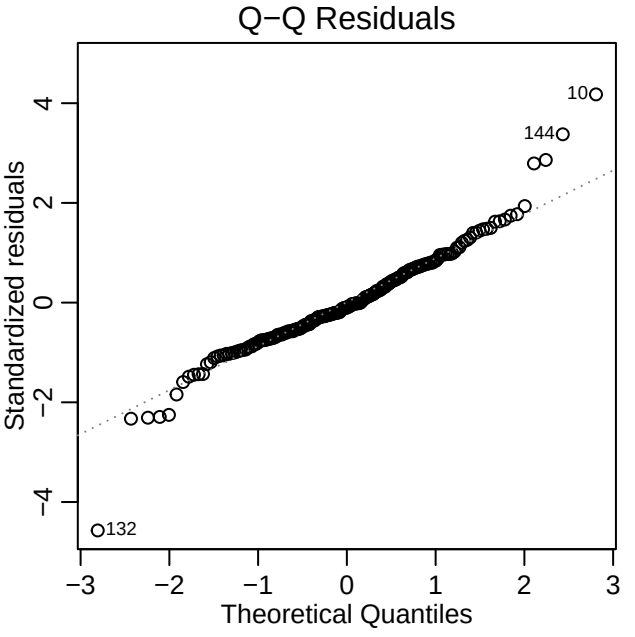

Scale−Location
1956
1950
1951
√|Standardized residuals|
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
60
62
64
66
68
70
Fitted values
lm(Employed ~ . − Population − GNP.deflator)

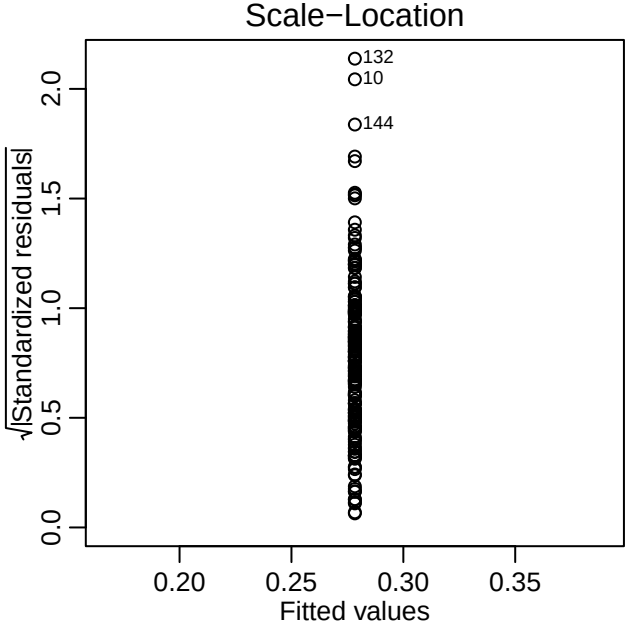

Cook's distance
1951
1956
1962
Cook's distance
0.0
0.1
0.2
0.3
0.4
0.5
5
10
15
Obs. number
lm(Employed ~ . − Population − GNP.deflator)

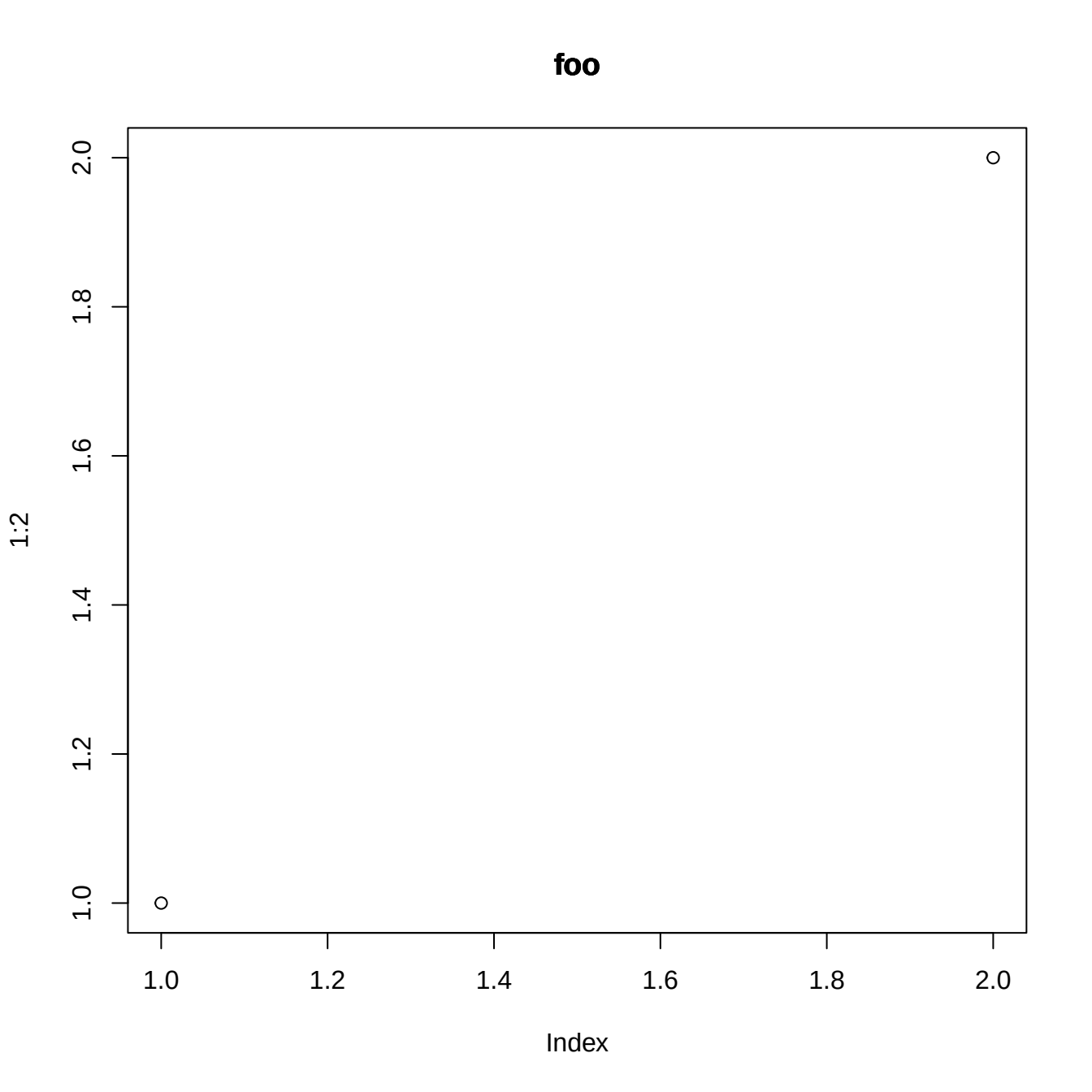

Residuals vs Leverage
Standardized residuals
Leverage
lm(Employed ~ . − Population − GNP.deflator)
Cook's distance
1956
1951
1962
1
0.5
0.5
2
1
0
−1
−2
0.0
0.1
0.2
0.3
0.4

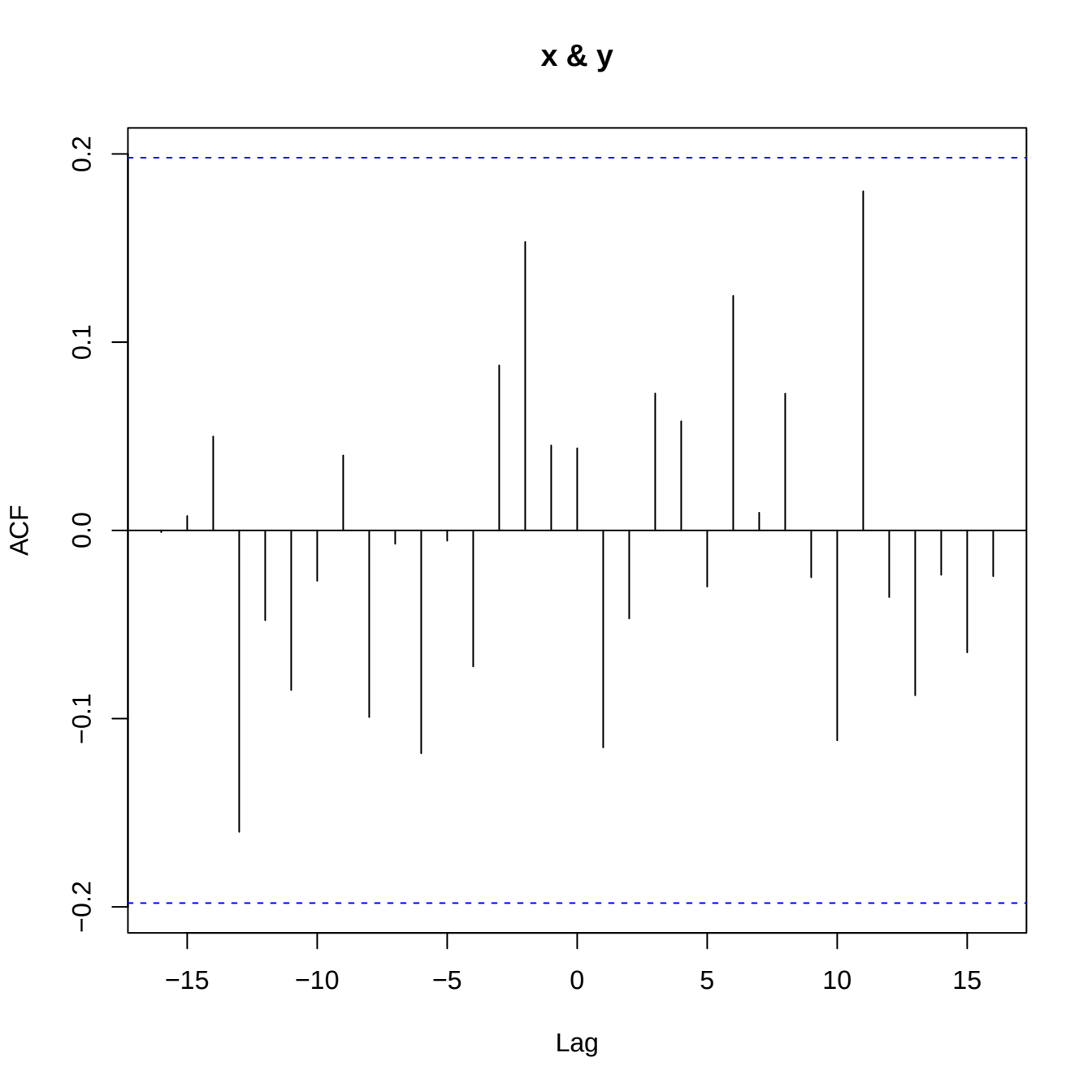

Cook's dist vs Leverage* $h_{ii}/(1-h_{ii})$
Cook's distance
Leverage h_{ii}
lm(Employed ~ . − Population − GNP.deflator)
1951
1956
1962
2
1
0.5
1.5
0.0
0.1
0.2
0.3
0.4
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45

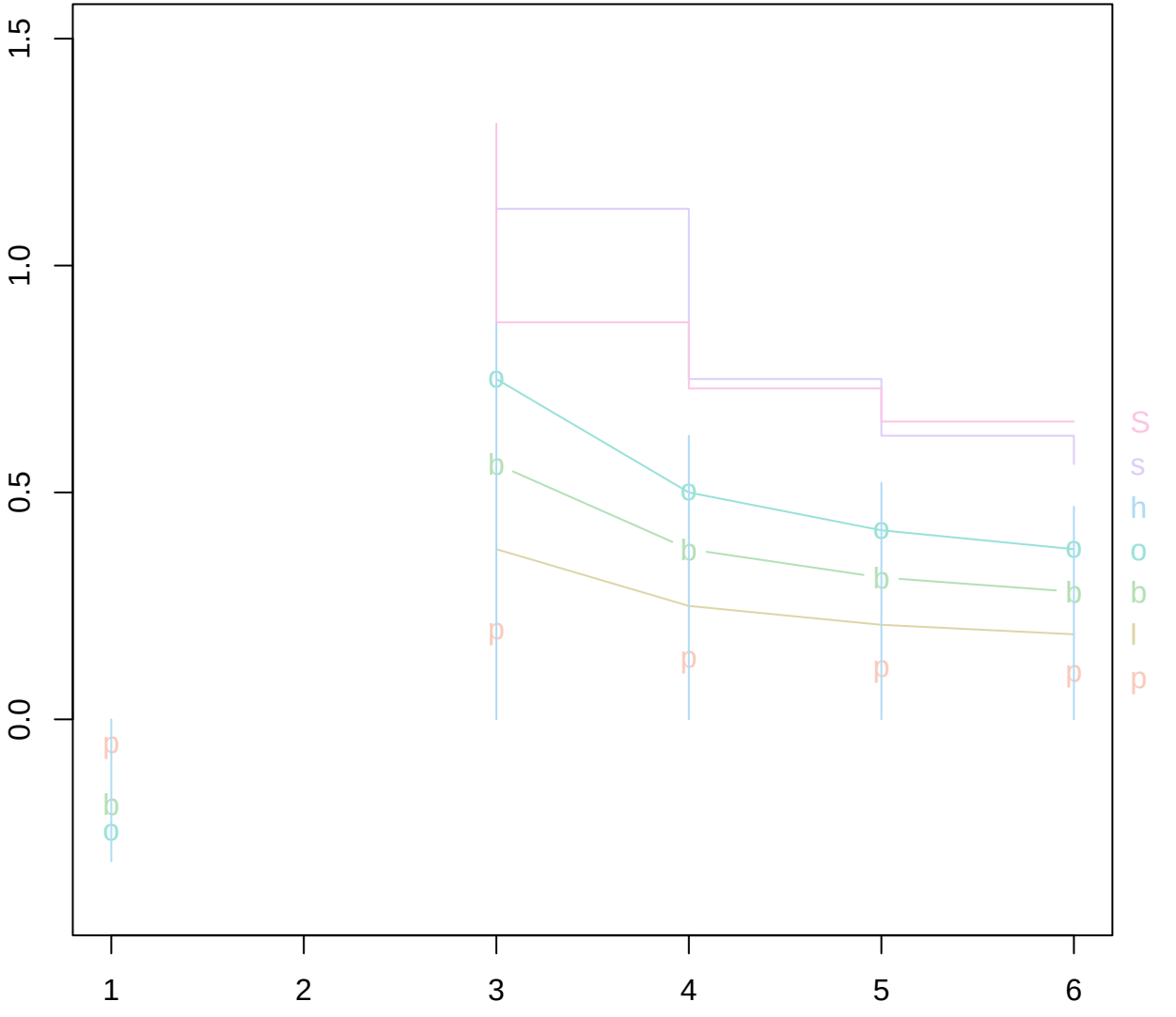

Residuals vs Fitted
Residuals
Fitted values
10
144
132
5
0
−5
0.20
0.25
0.30
0.35

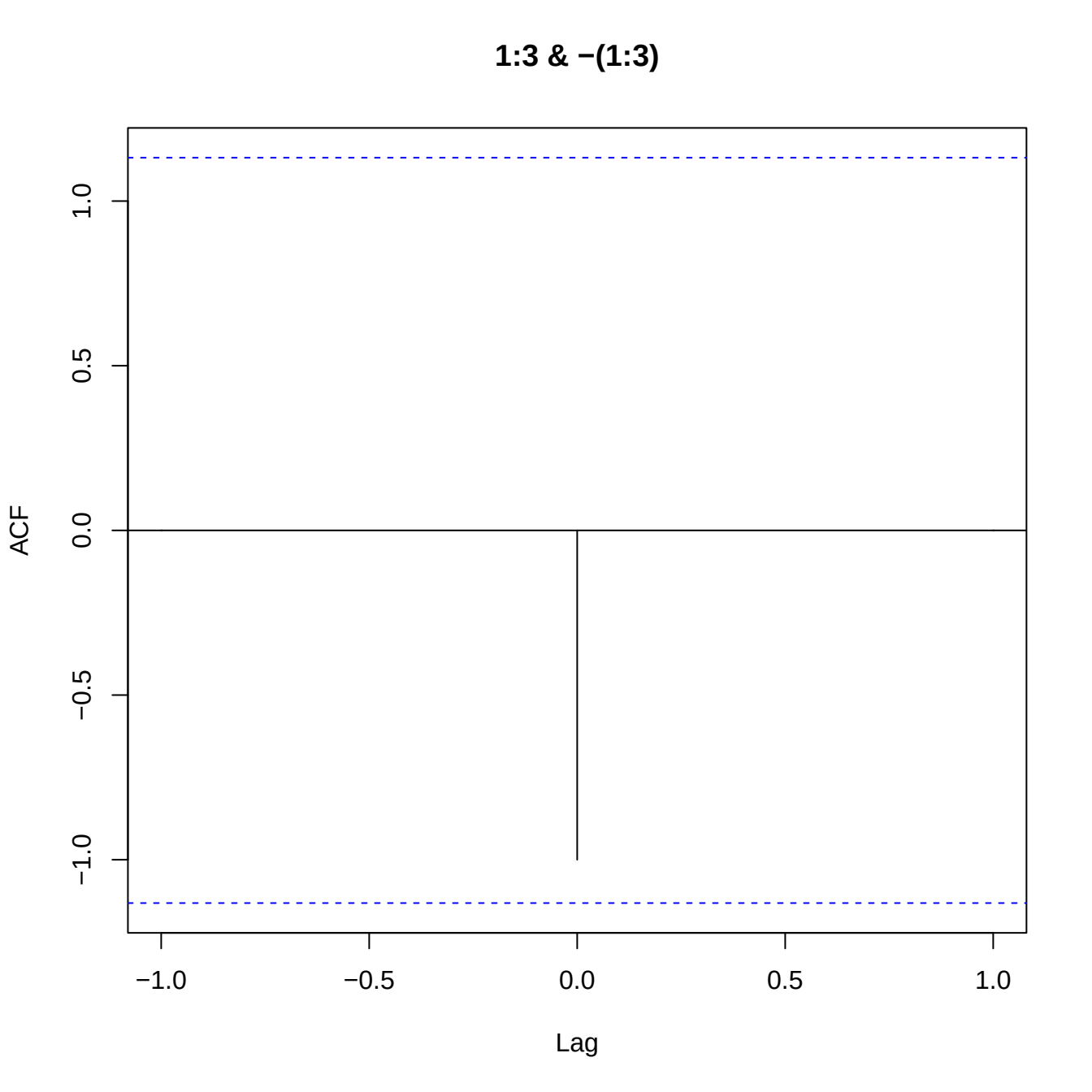

Q−Q Residuals
Standardized residuals
Theoretical Quantiles
10
144
132
4
2
0
−2
−4
−3
−2
−1
0
1
2
3

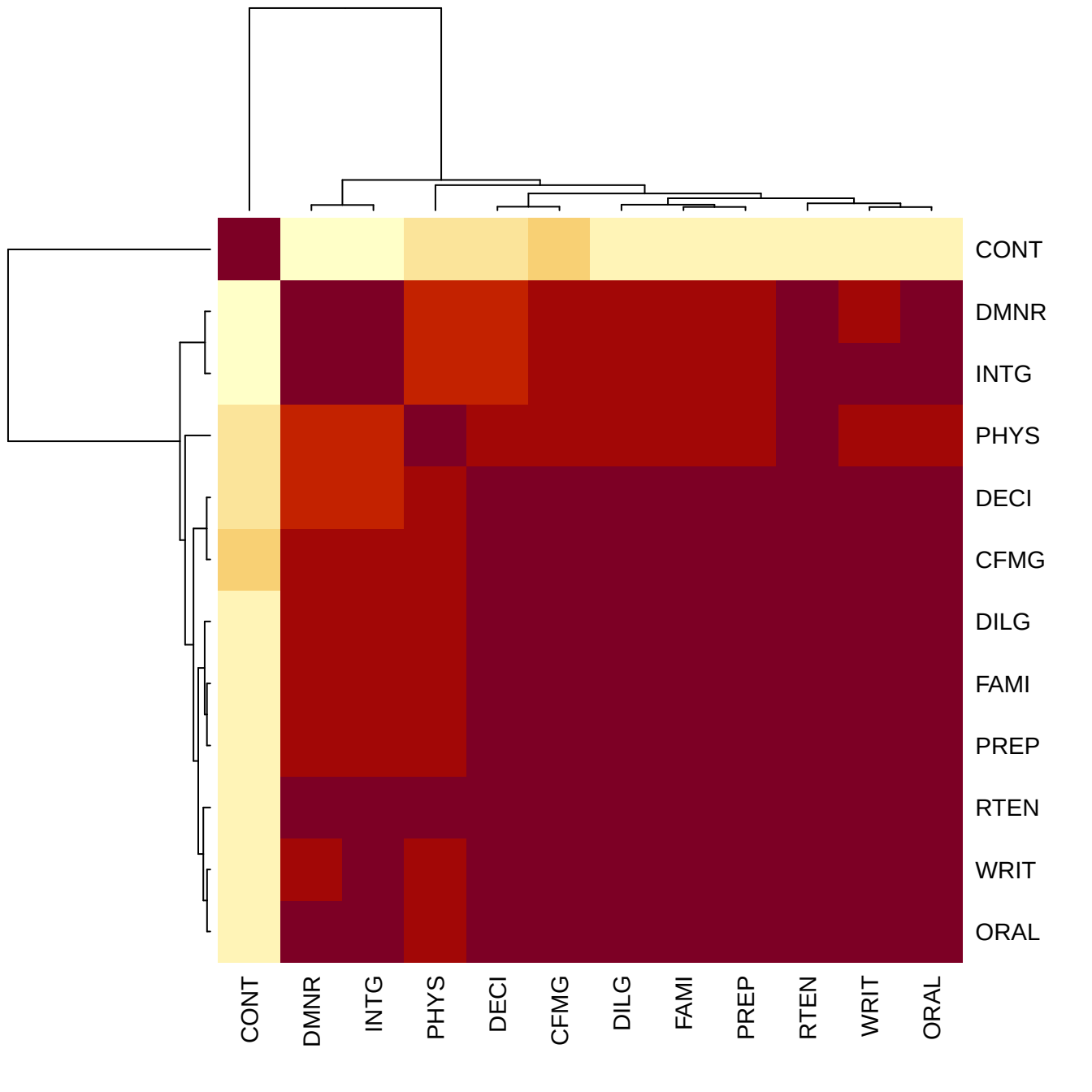

Scale−Location
√|Standardized residuals|
Fitted values
132
10
144
2.0
1.5
1.0
0.5
0.0
0.20
0.25
0.30
0.35

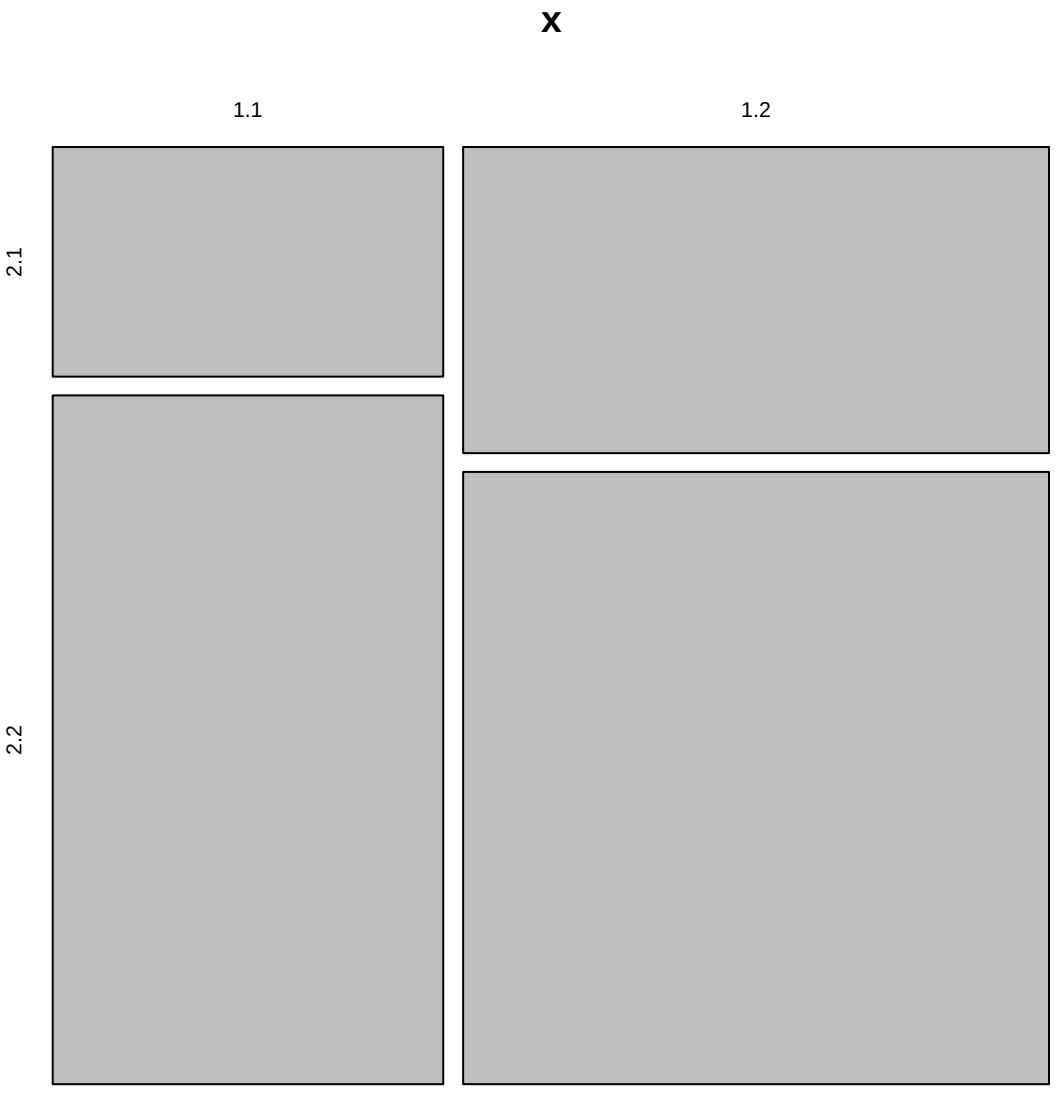

foo
1:2
Index
1.0
1.2
1.4
1.6
1.8
2.0


x & y
ACF
0.2
0.1
0.0
−0.1
−0.2
−15
−10
−5
0
5
10
15
Lag


1.5
1.0
0.5
0.0
1
2
3
4
5
6
S
s
h
o
b
l
p


1:3 & −(1:3)
ACF
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
Lag


CONT
DMNR
INTG
PHYS
DECI
CFMG
DILG
FAMI
PREP
RTEN
WRIT
ORAL
CONT
DMNR
INTG
PHYS
DECI
CFMG
DILG
FAMI
PREP
RTEN
WRIT
ORAL


x
1.1
1.2
2.1
2.2