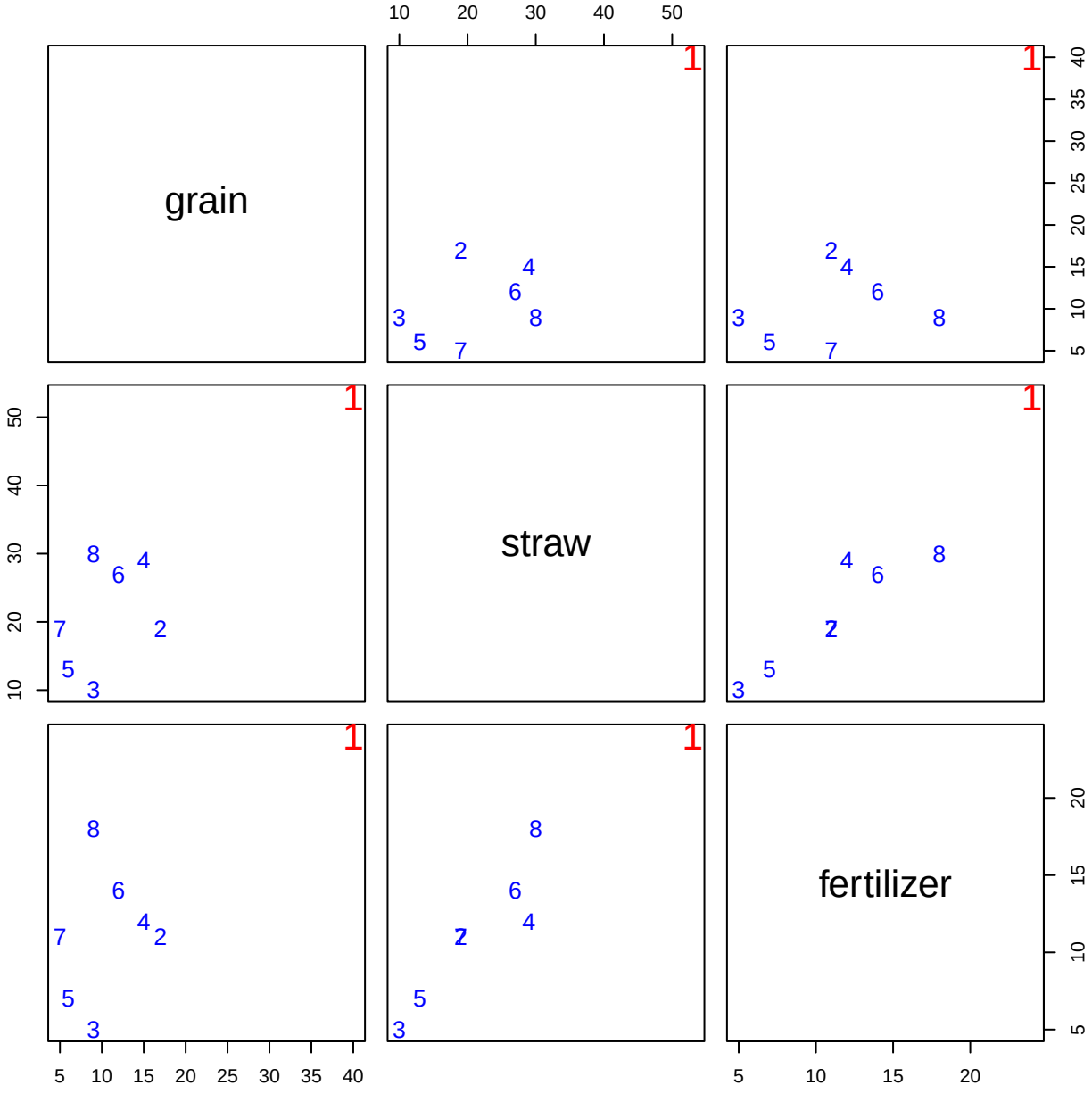
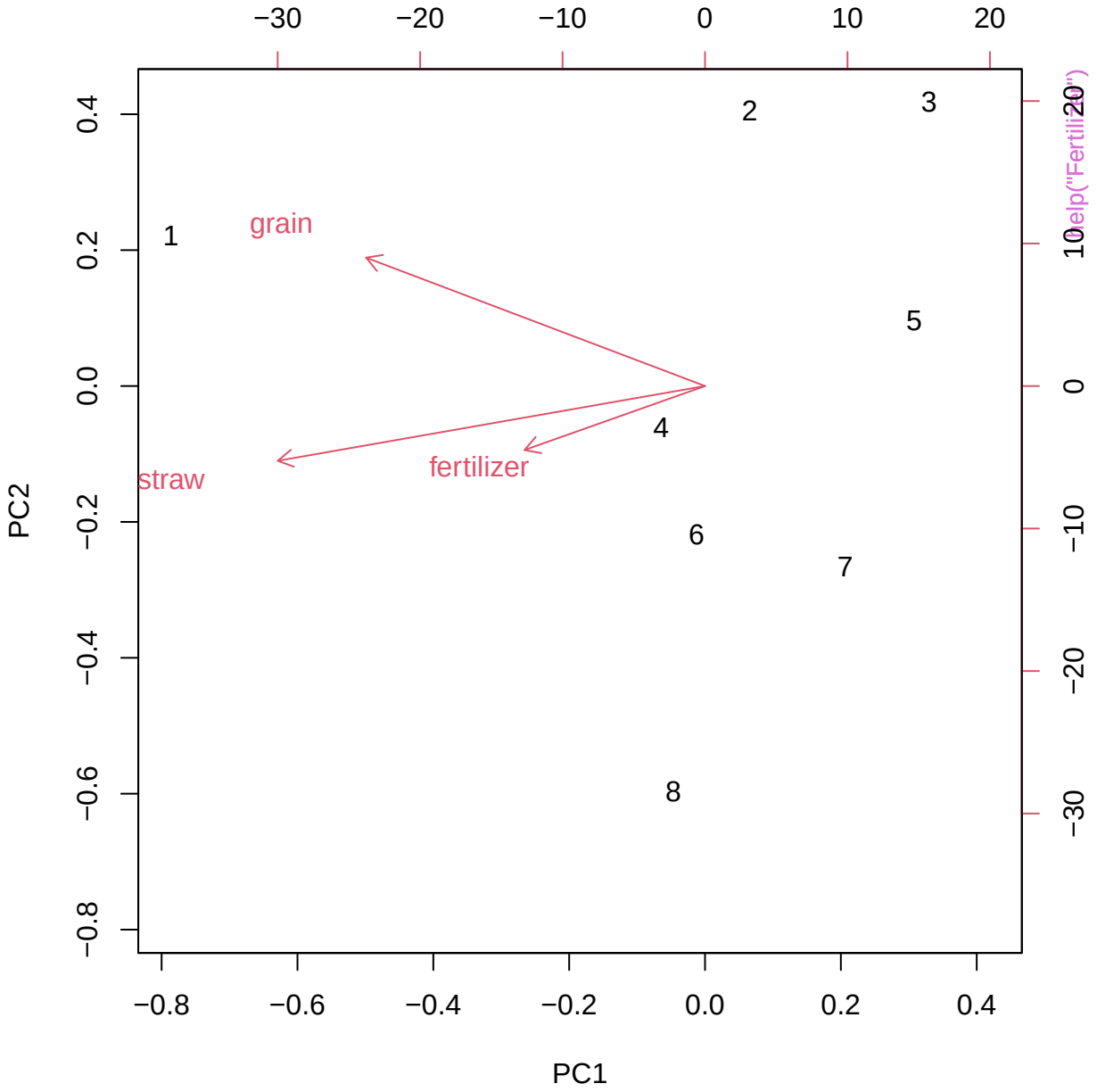
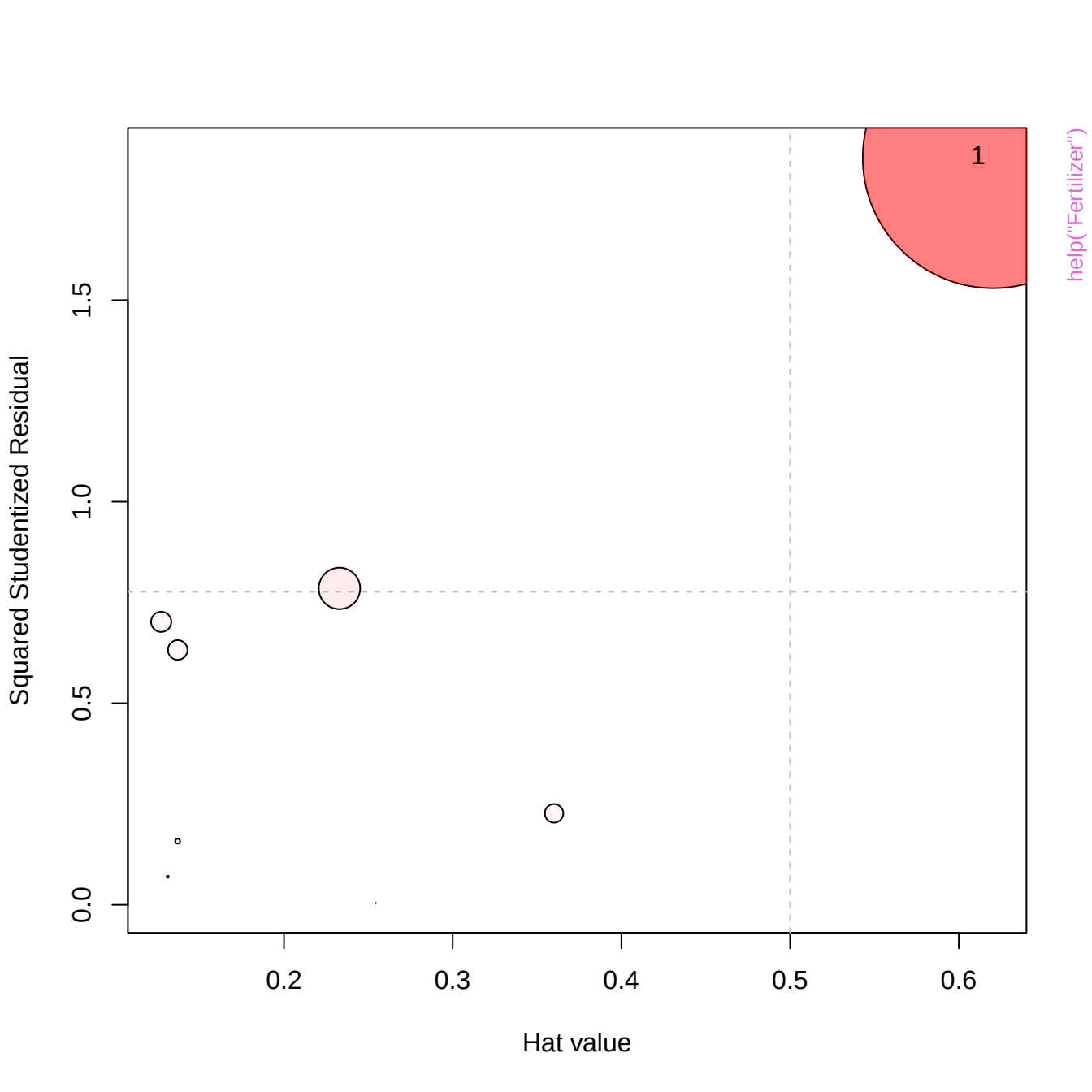
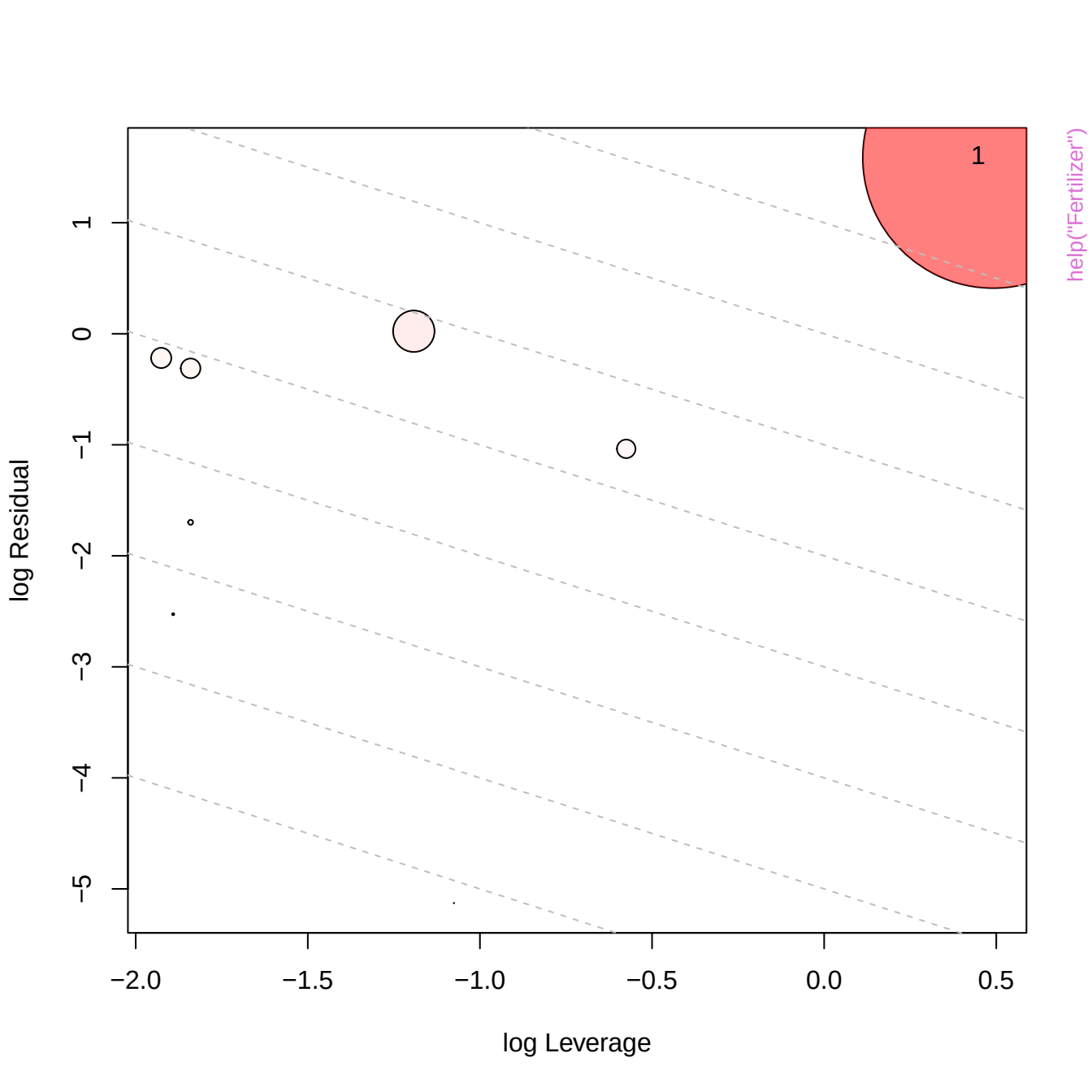
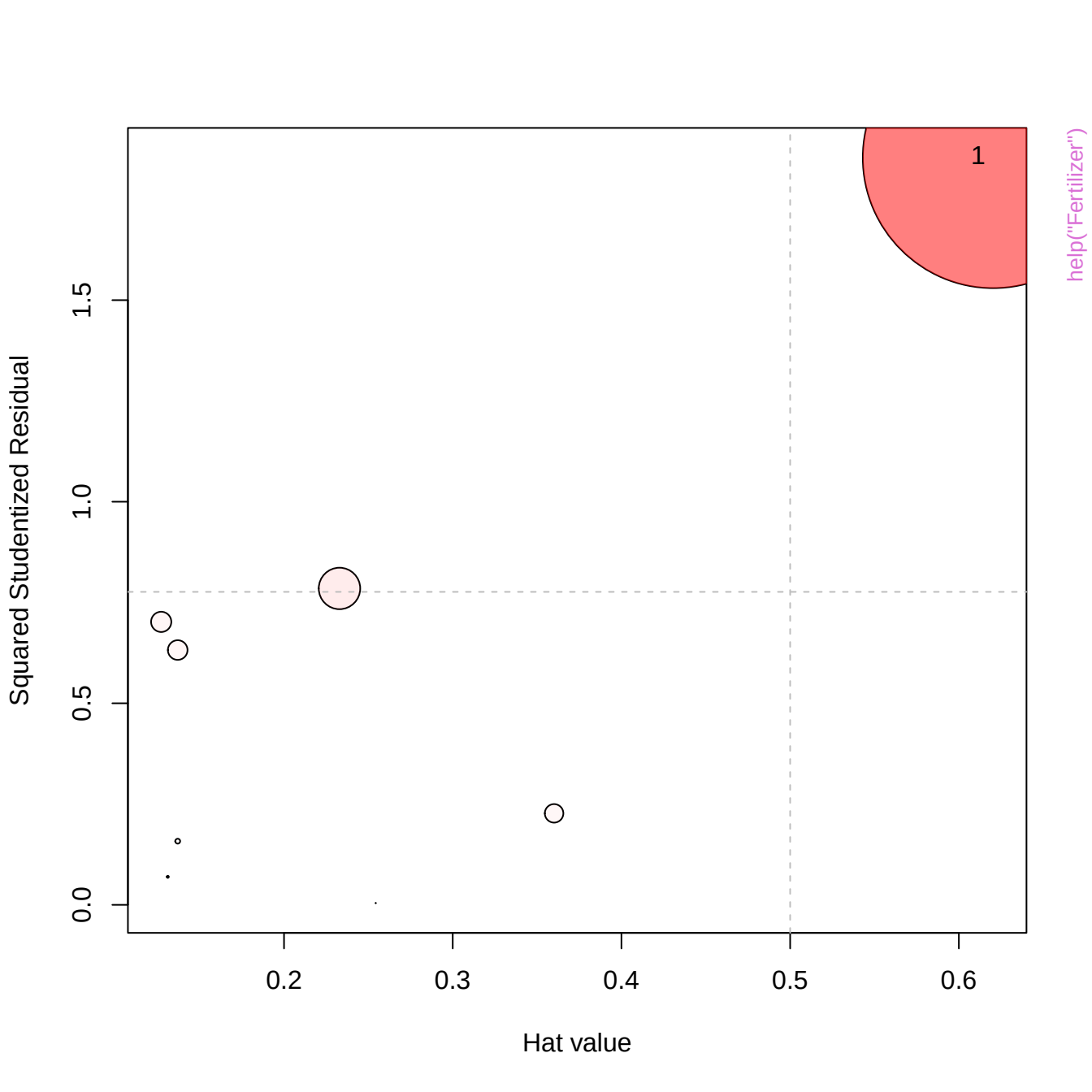
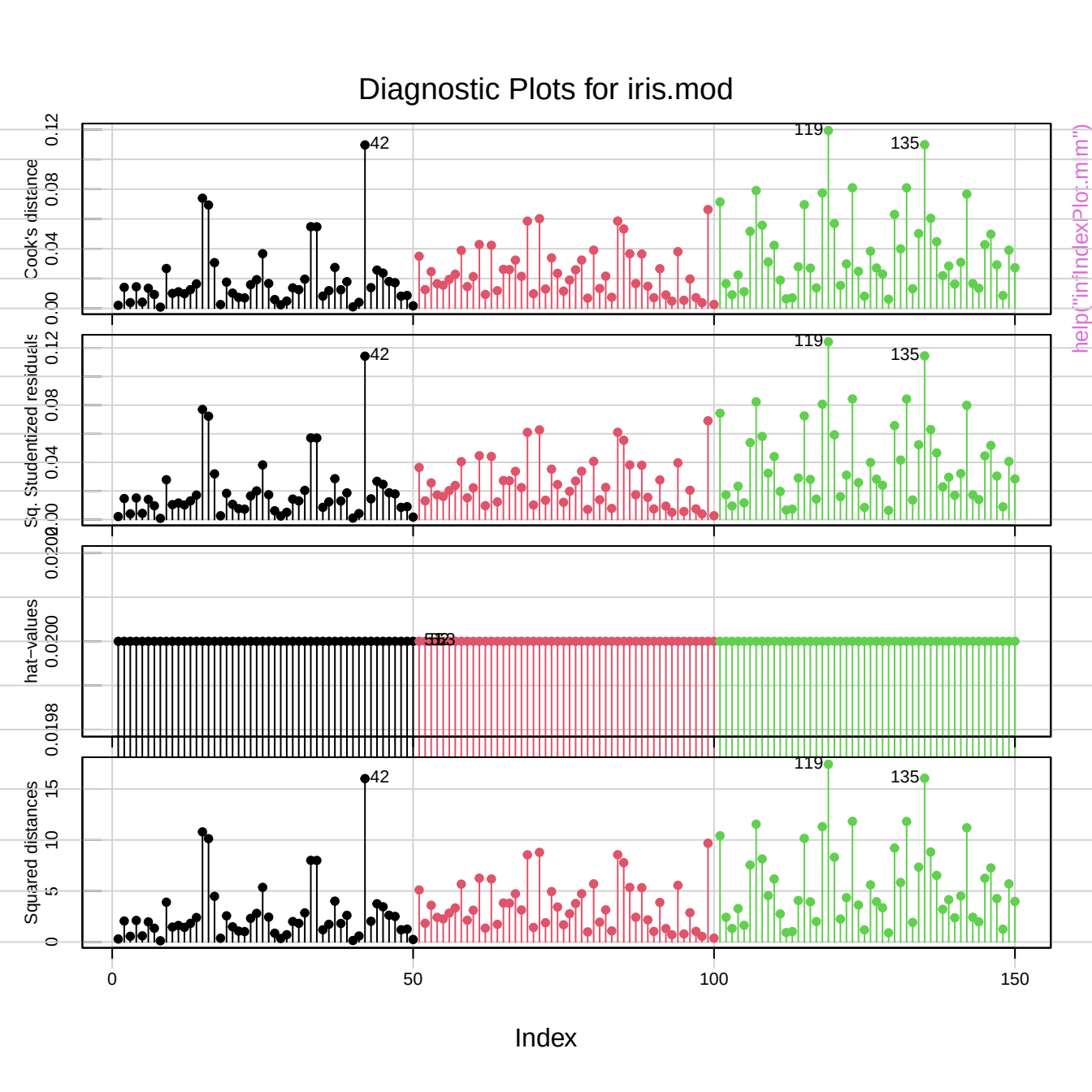

grain
straw
fertilizer
help("Fertilizer")

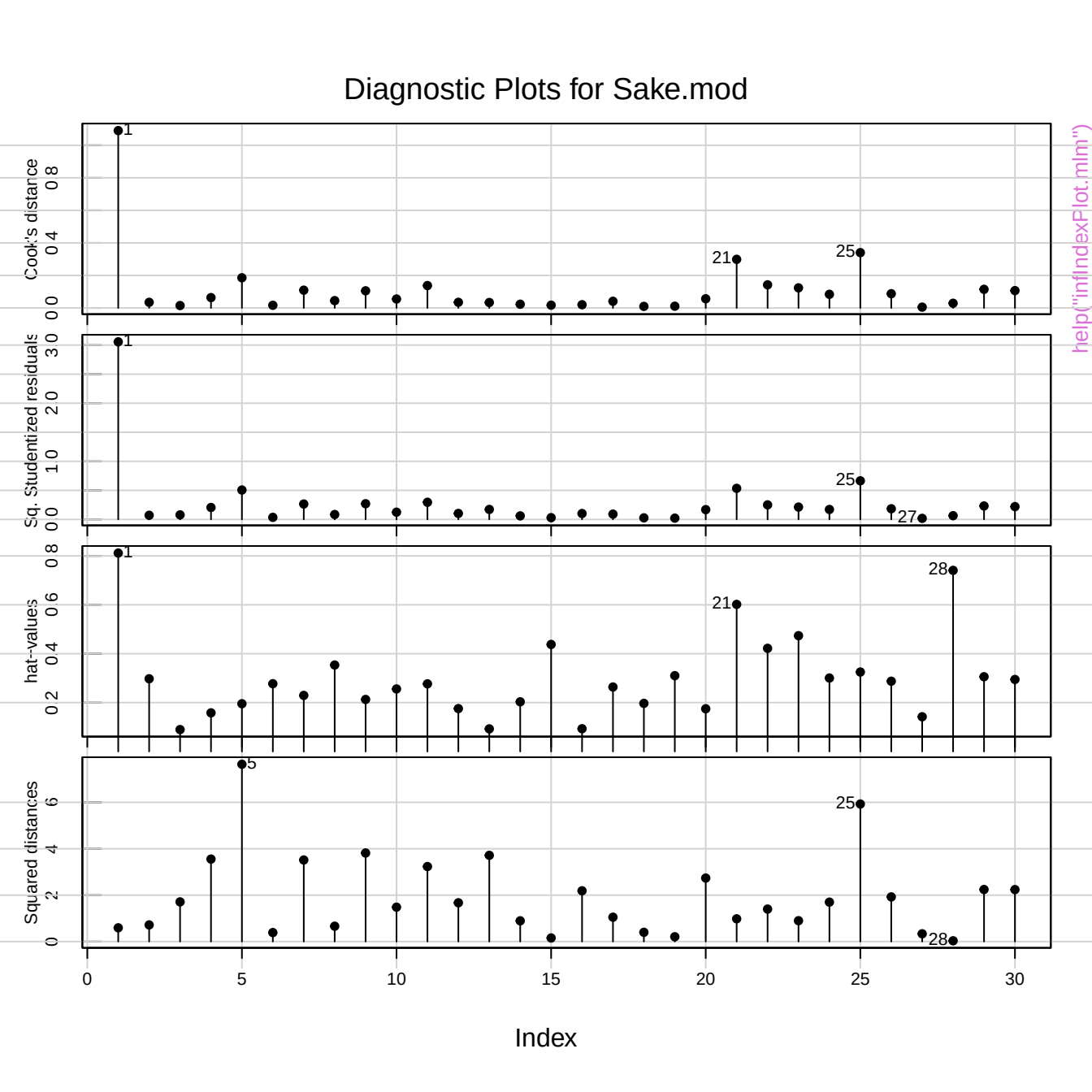

−30
−20
−10
0
10
20
help("Fertili20")
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
PC2
1
2
3
4
5
6
7
8
grain
straw
fertilizer
−0.8
−0.6
−0.4
−0.2
0.0
0.2
0.4
PC1

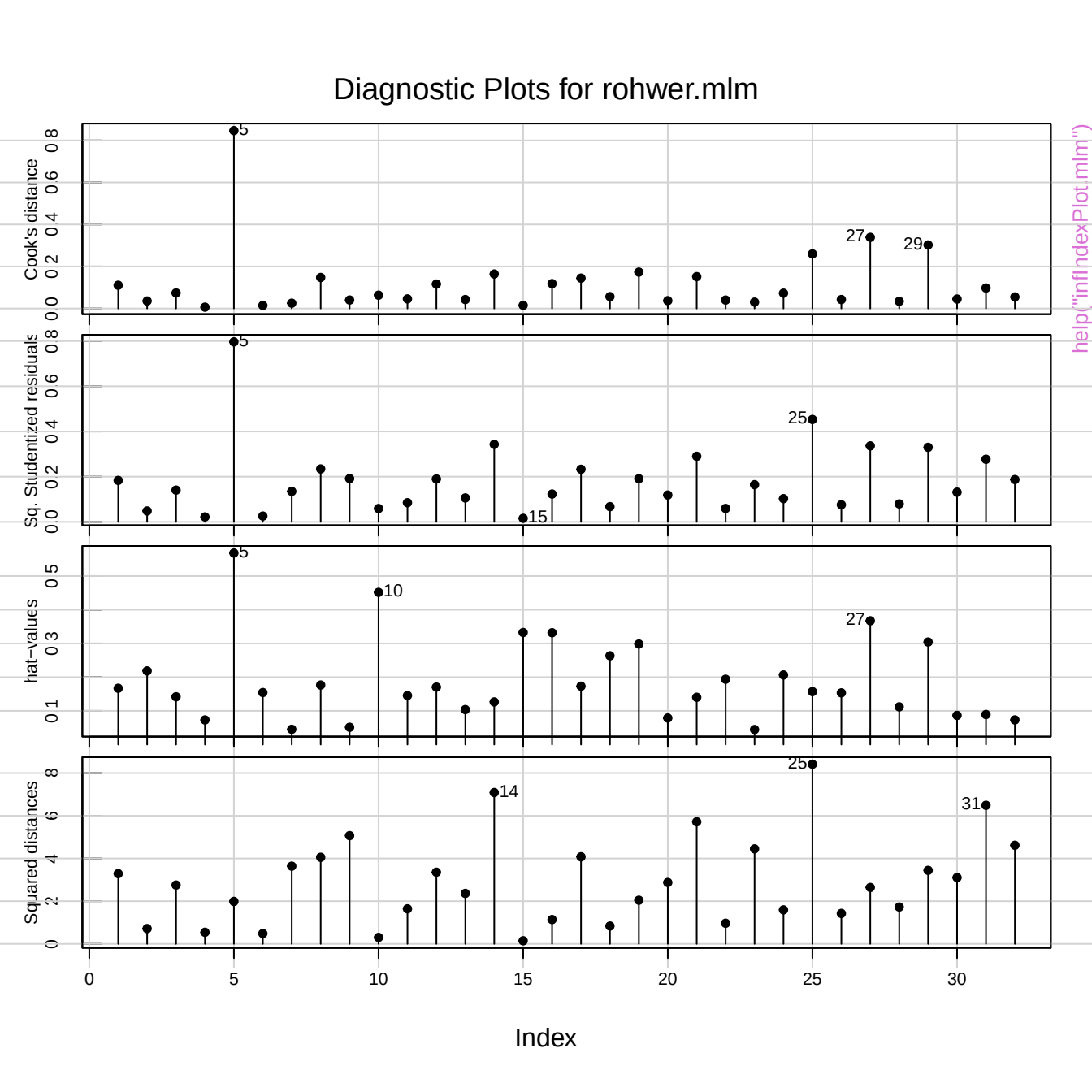

1
Squared Studentized Residual
0.0
0.5
1.0
1.5
0.2
0.3
0.4
0.5
0.6
Hat value
help("Fertilizer")

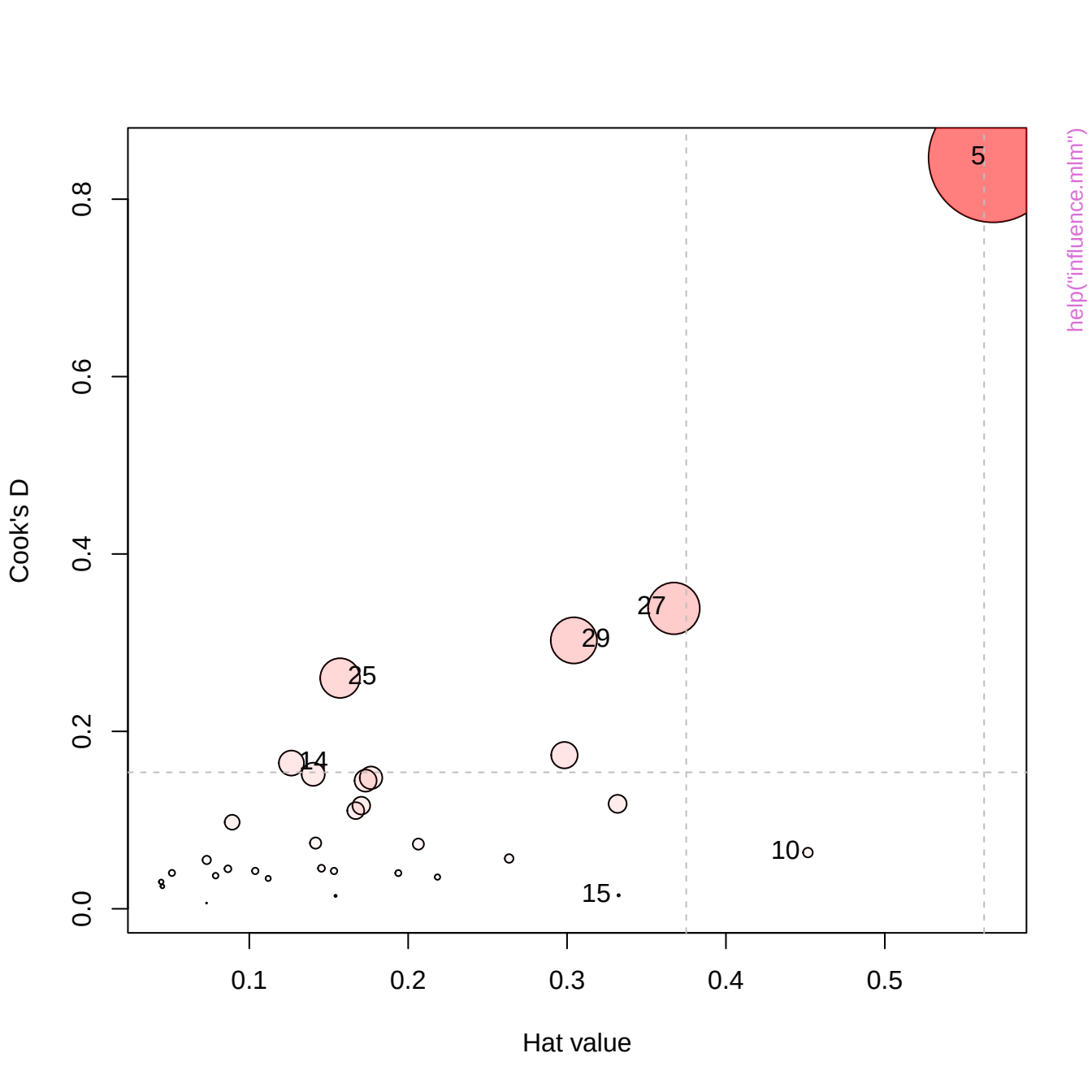

help("Fertilizer")
1
log Residual
1
0
−1
−2
−3
−4
−5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
log Leverage

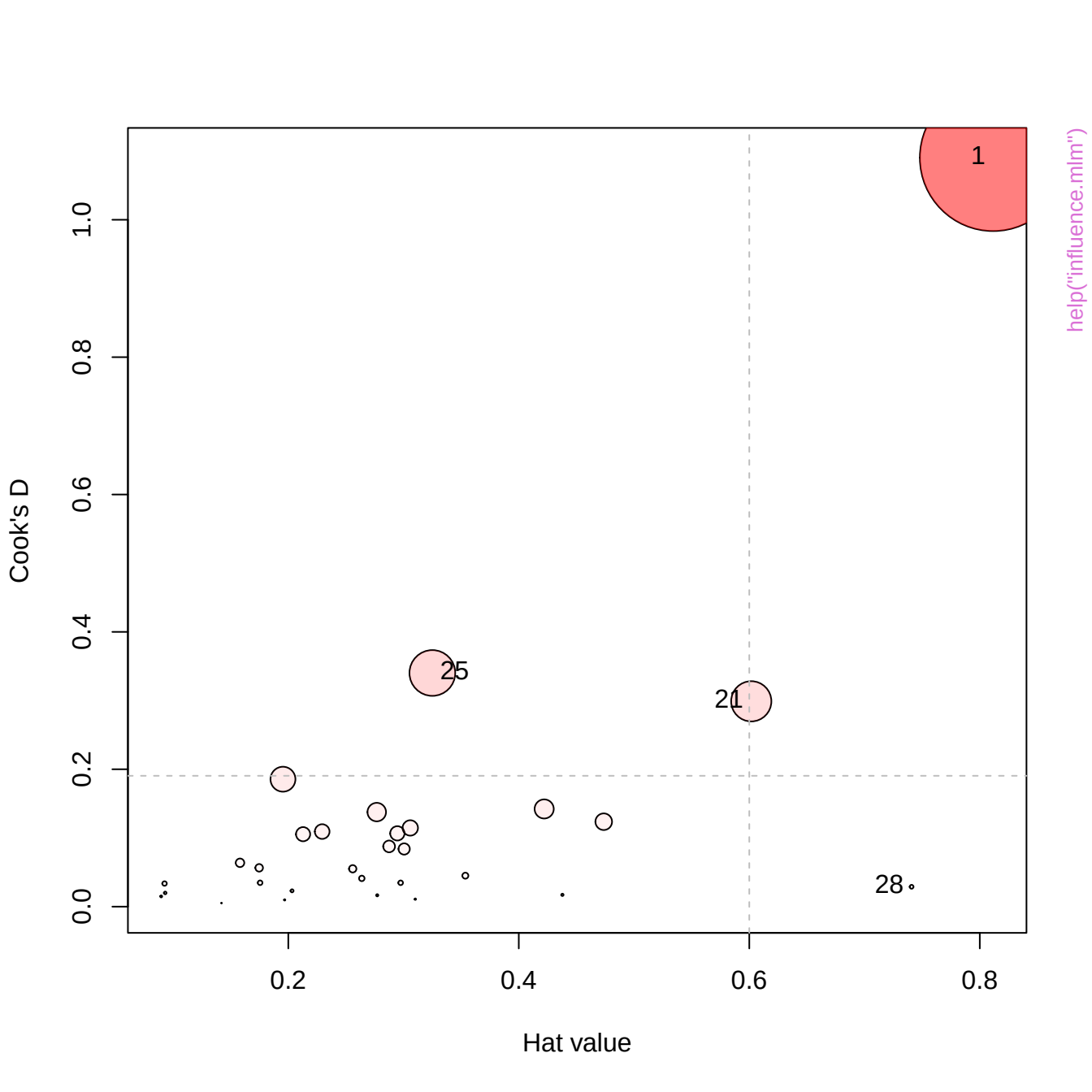

1
Squared Studentized Residual
0.0
0.5
1.0
1.5
0.2
0.3
0.4
0.5
0.6
Hat value
help("Fertilizer")

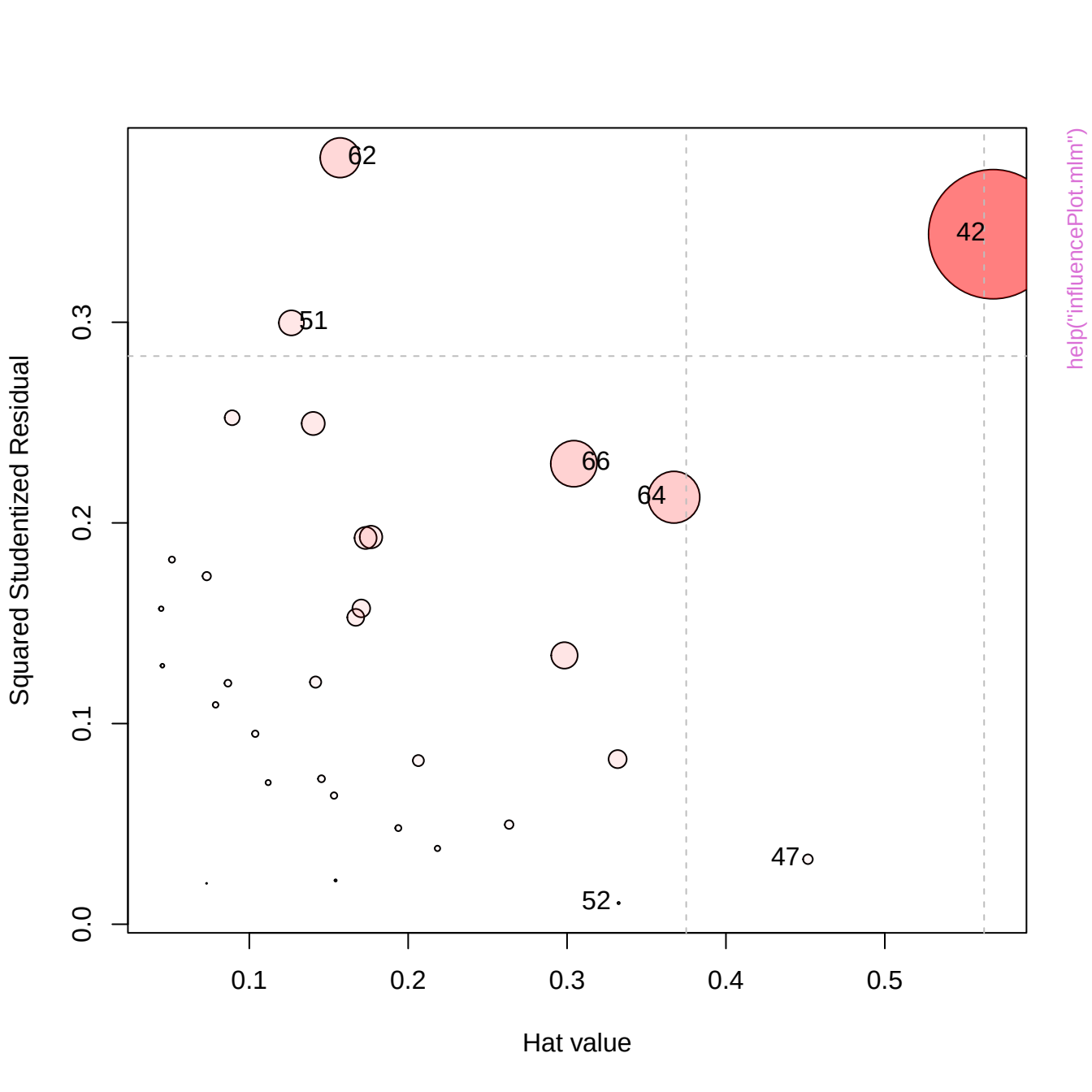

Diagnostic Plots for iris.mod
Cook's distance
Sq. Studentized residuals
hat−values
Squared distances
42
119
135
Index
help("influence.measures")

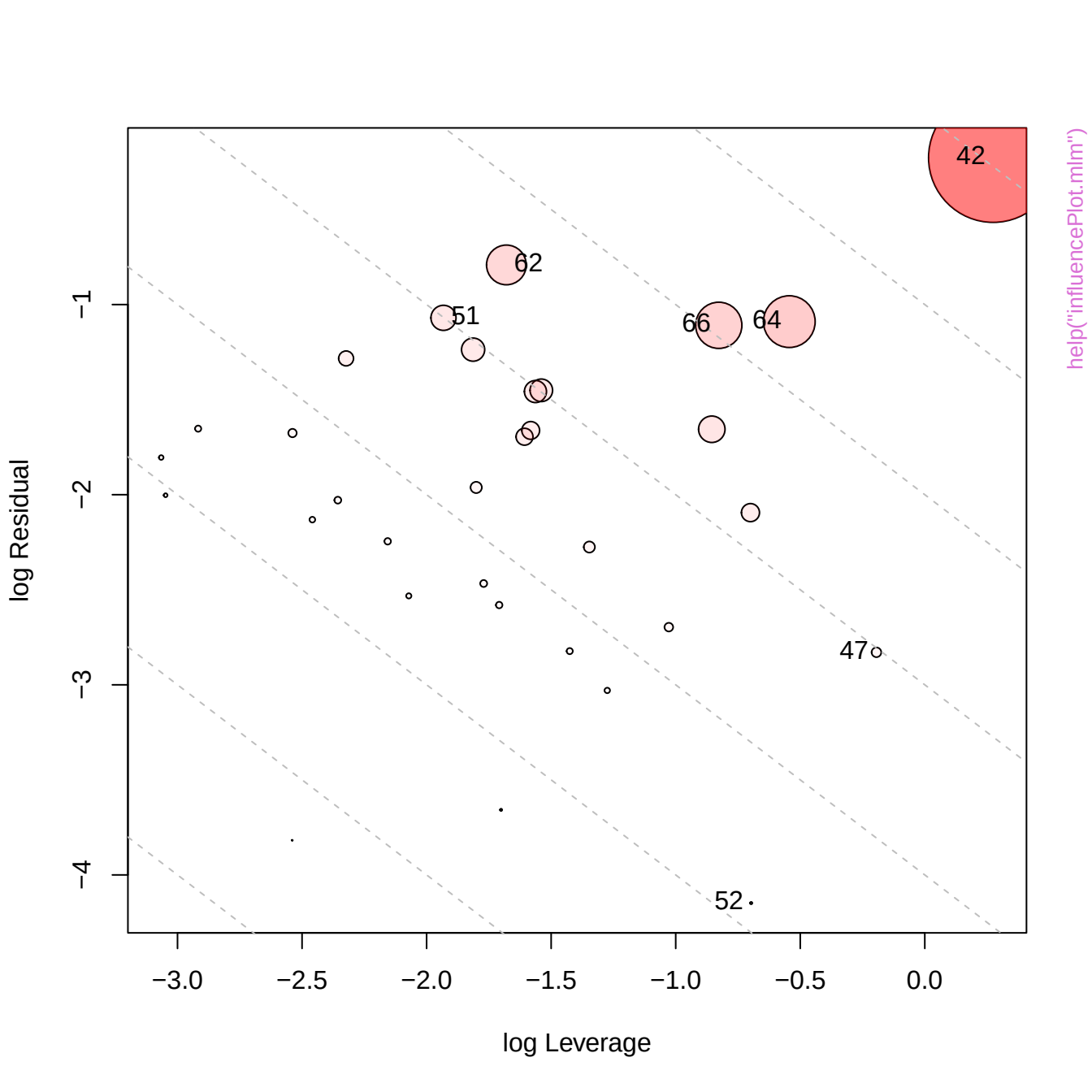

Diagnostic Plots for Sake.mod
Cook's distance
Sq. Studentized residuals
hat-values
Squared distances
Index
help("influenceIndexPlot.mlm")

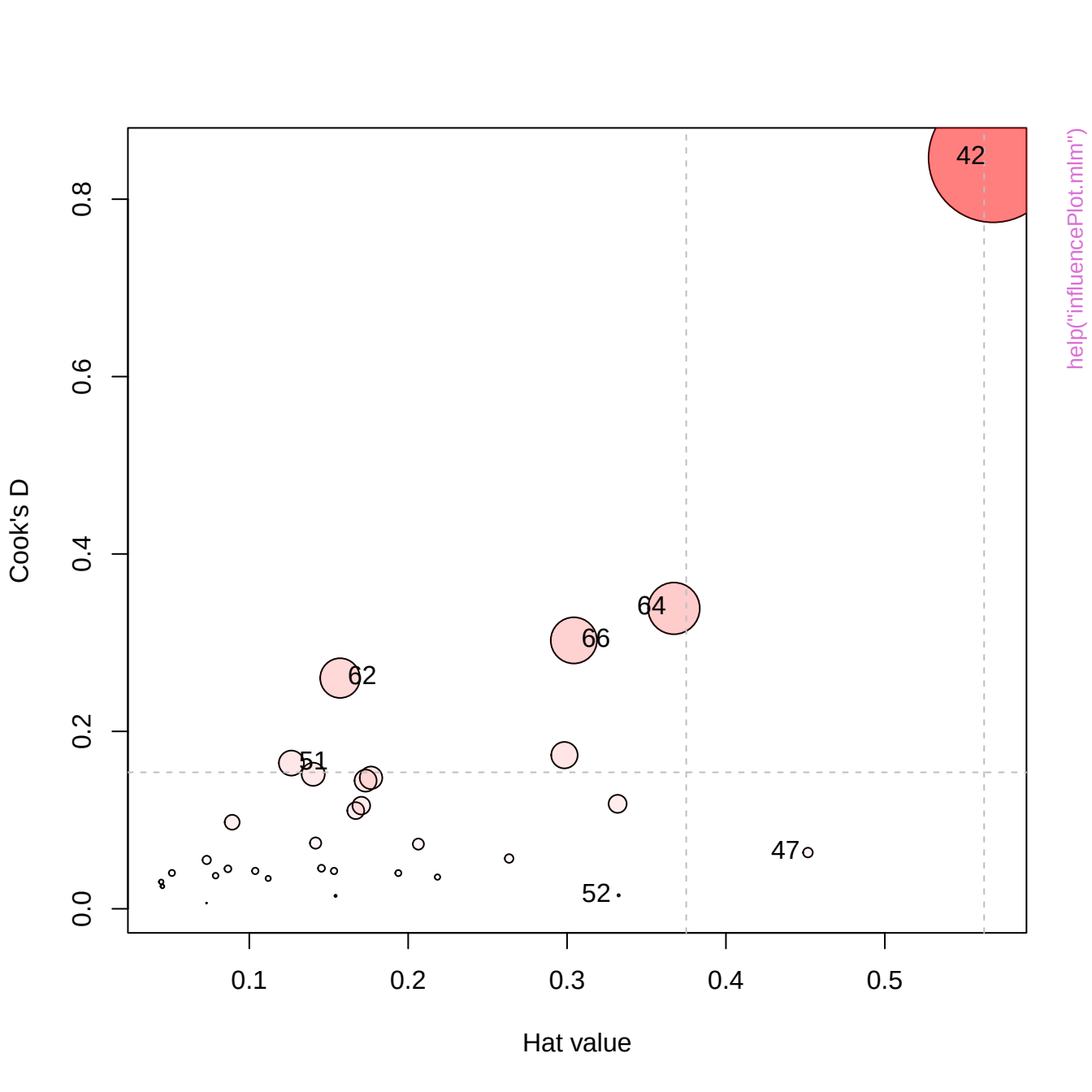

Diagnostic Plots for rohwer.mlm
Cook's distance
Sq. Studentized residuals
hat−values
Squared distances
Index
help("influenceIndexPlot.mlm")
0.0
0.2
0.4
0.6
0.8
0.1
0.3
0.5
0
2
4
6
8
0
5
10
15
20
25
30
5
27
29
5
25
15
5
10
27
25
14
31

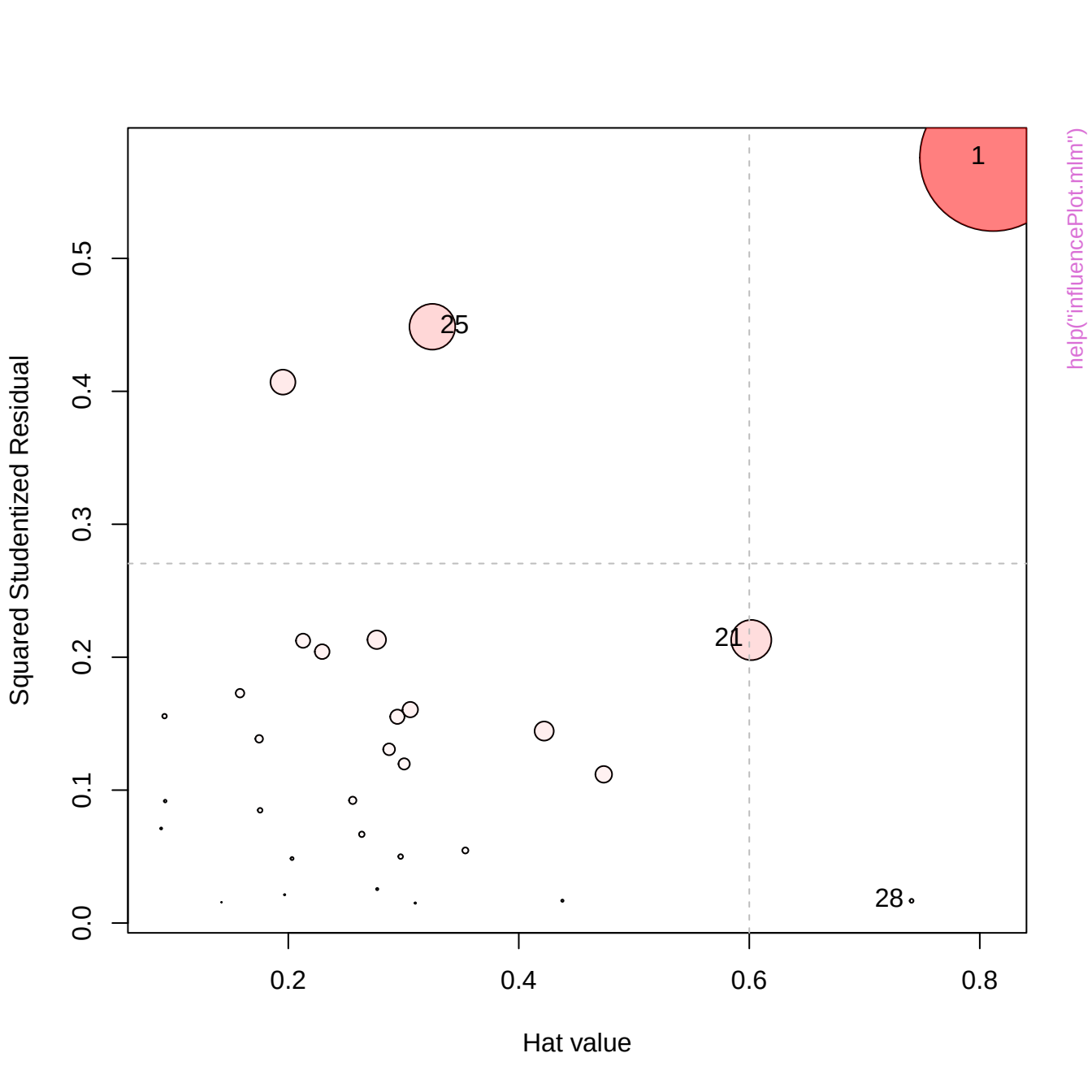

Cook's D
0.0
0.2
0.4
0.6
0.8
0.1
0.2
0.3
0.4
0.5
Hat value
5
27
29
25
14
10
15
help("influence.mlm")

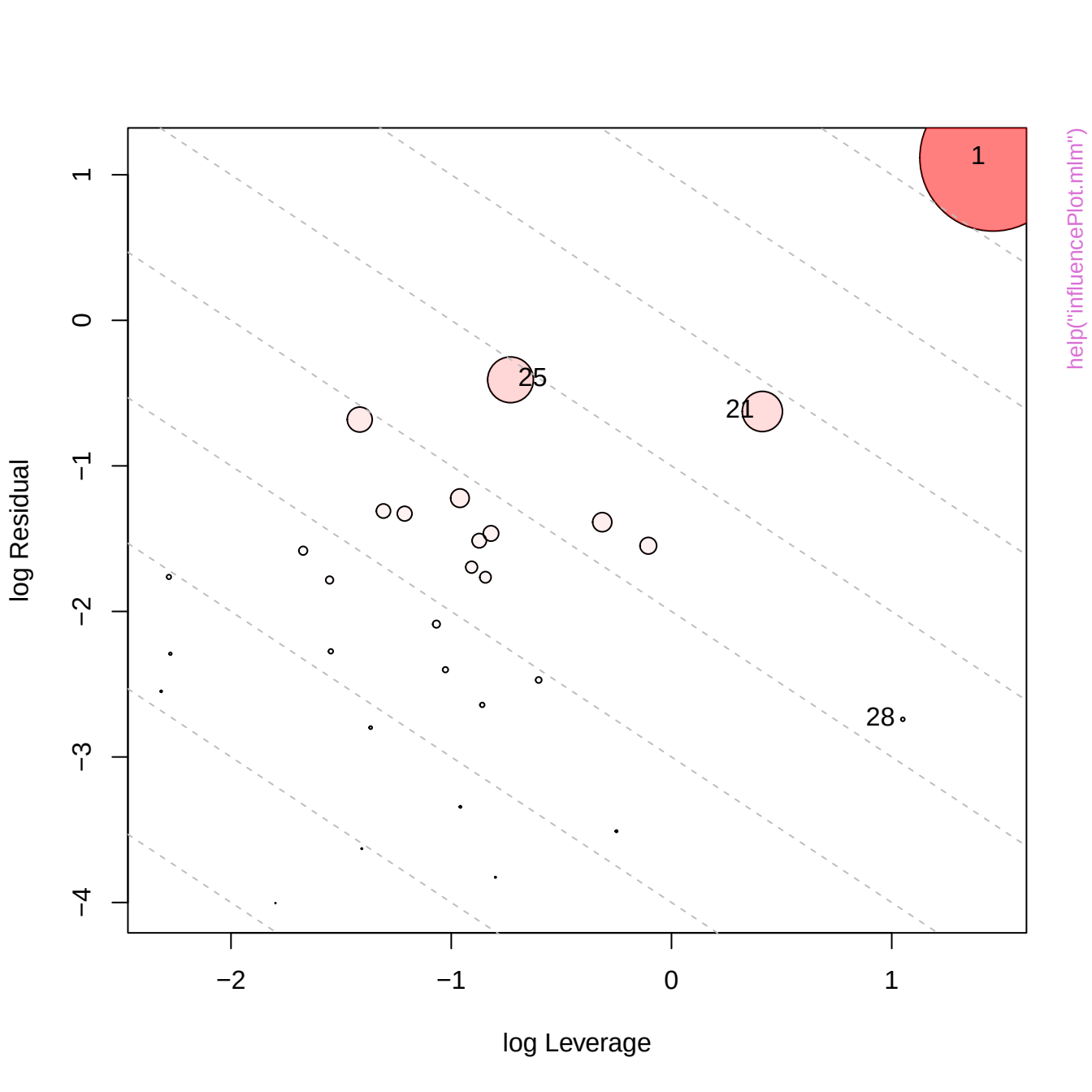

1
25
21
28
0.0
0.2
0.4
0.6
0.8
1.0
Cook's D
0.2
0.4
0.6
0.8
Hat value
help("influence.mlm")

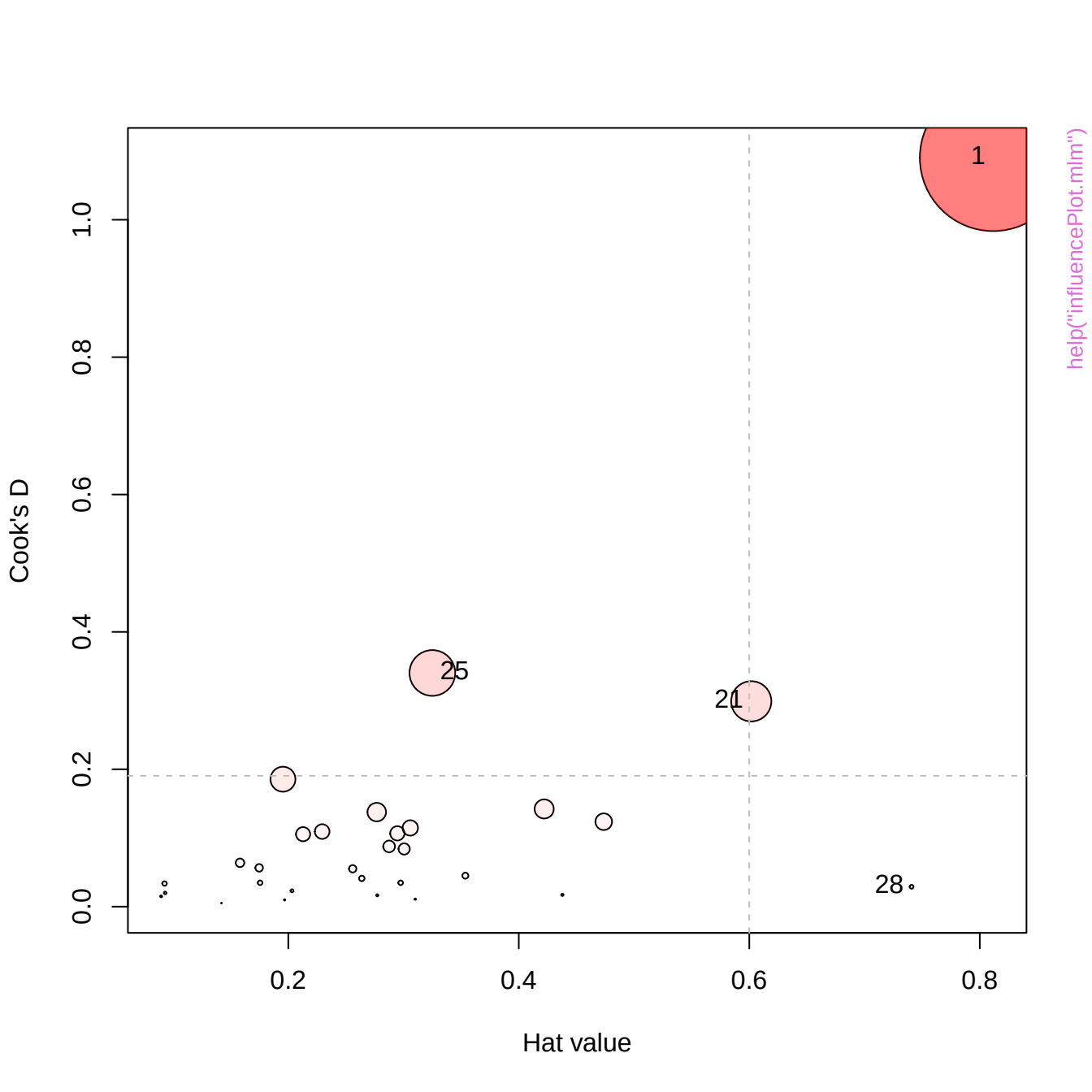

62
42
51
66
64
47
52
Squared Studentized Residual
0.0
0.1
0.2
0.3
0.1
0.2
0.3
0.4
0.5
Hat value
help("influencePlot.mlm")

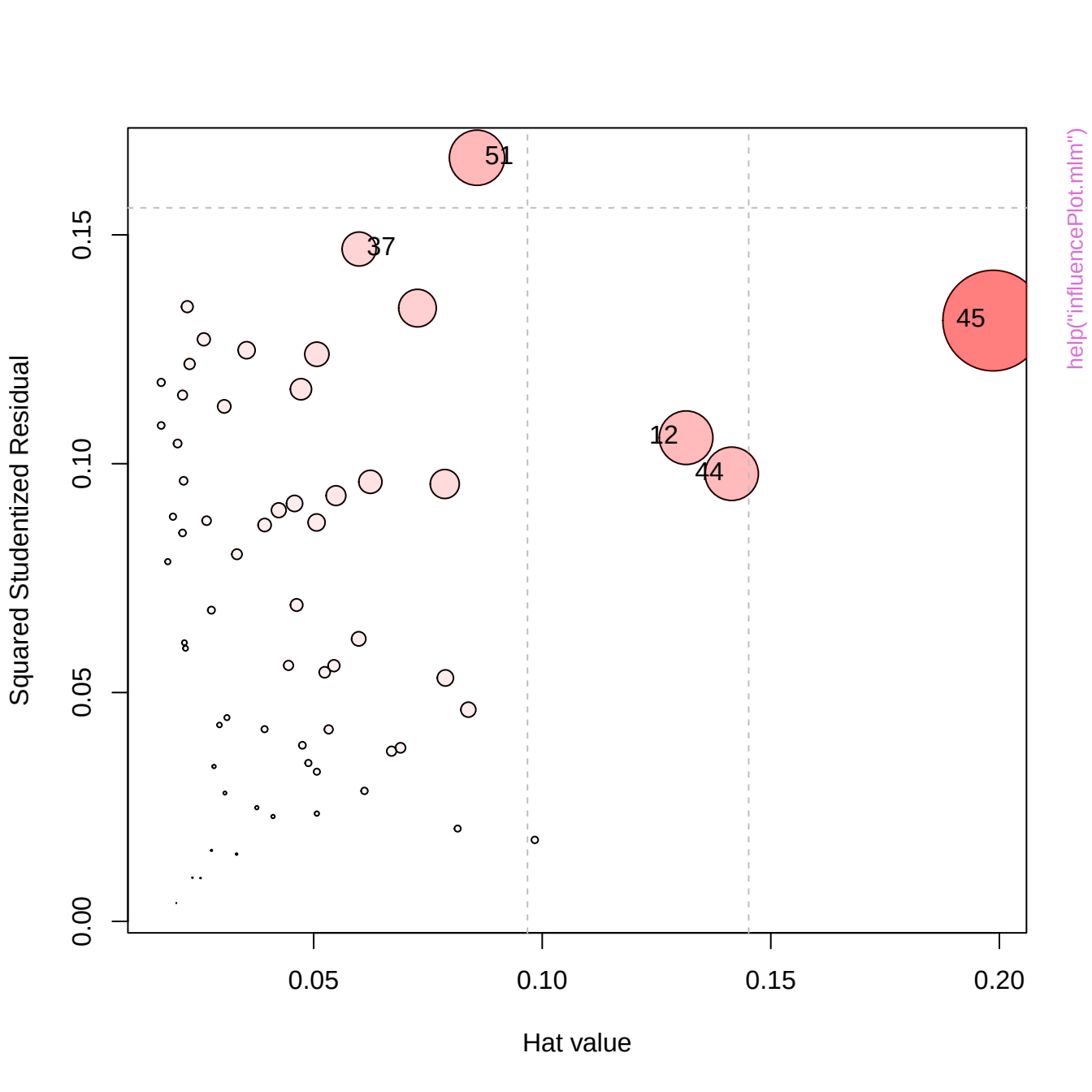

42
62
51
66
64
47
52
log Residual
log Leverage
−1
−2
−3
−4
−3.0
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
help("influencePlot.mlm")

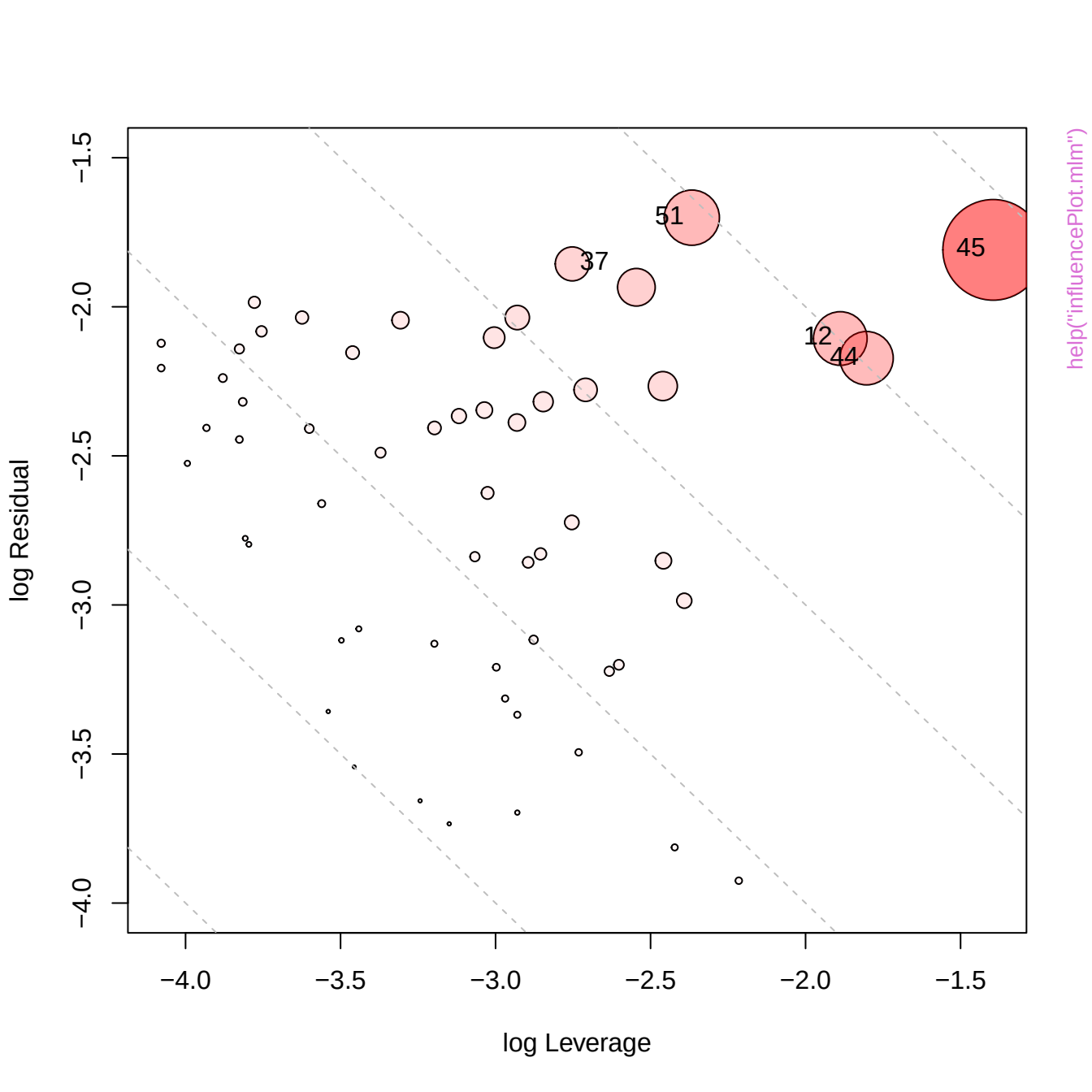

Cook's D
0.0
0.2
0.4
0.6
0.8
0.1
0.2
0.3
0.4
0.5
Hat value
42
64
66
62
51
47
52
help("influencePlot.mlm")

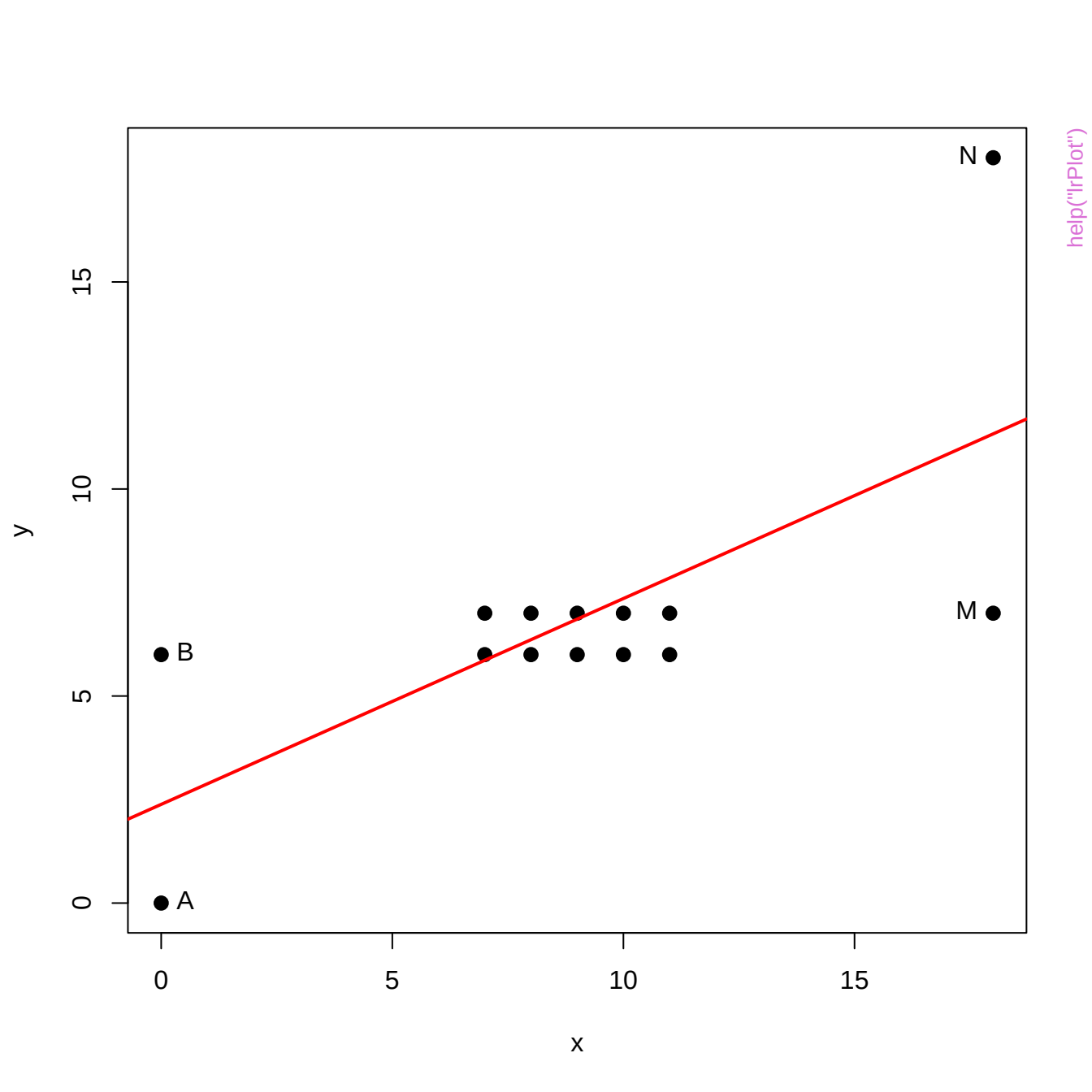

Squared Studentized Residual
Hat value
0.0
0.1
0.2
0.3
0.4
0.5
0.2
0.4
0.6
0.8
1
25
21
28
help("influencePlot.mlm")

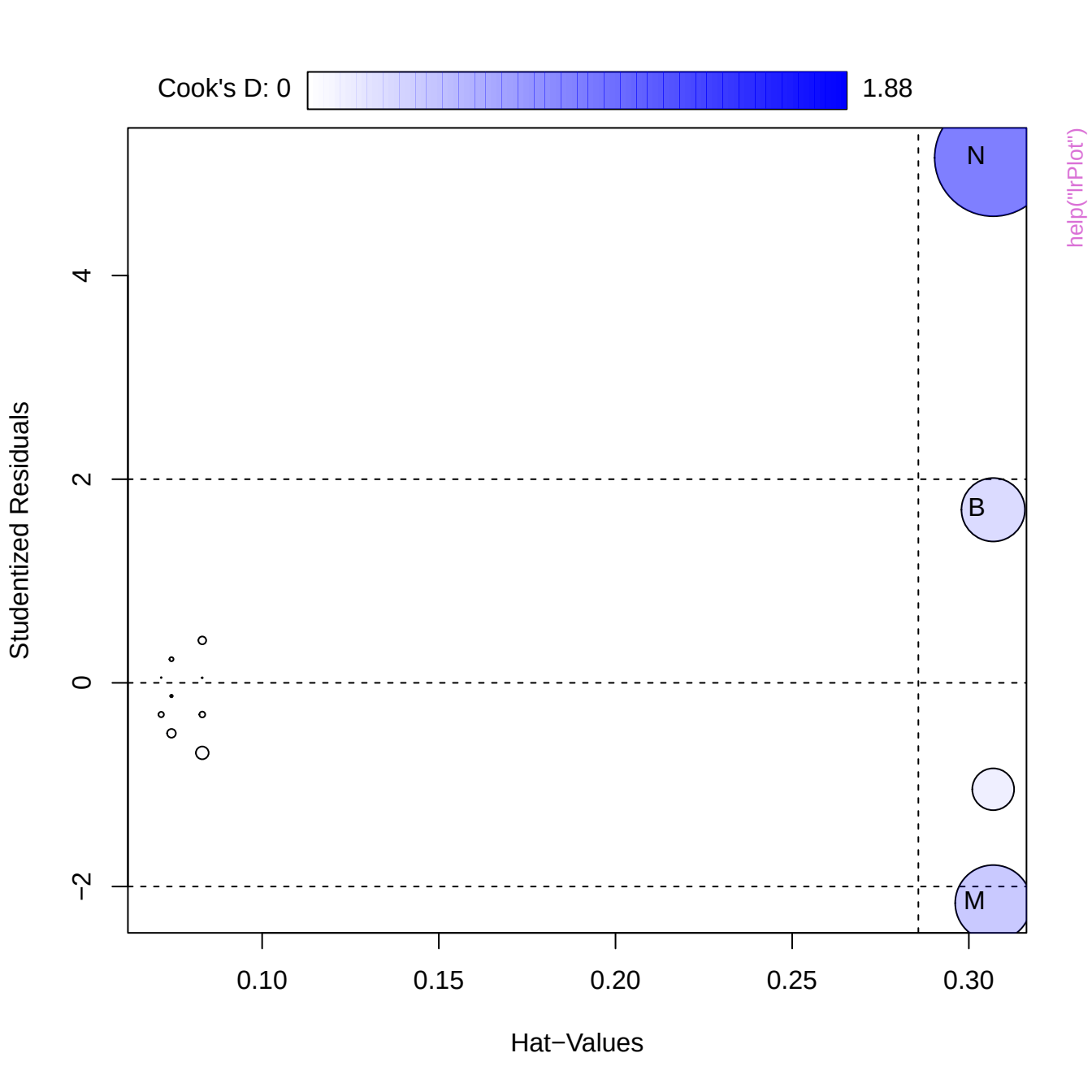

log Residual
log Leverage
1
25
21
28
help("influencePlot.mlm")

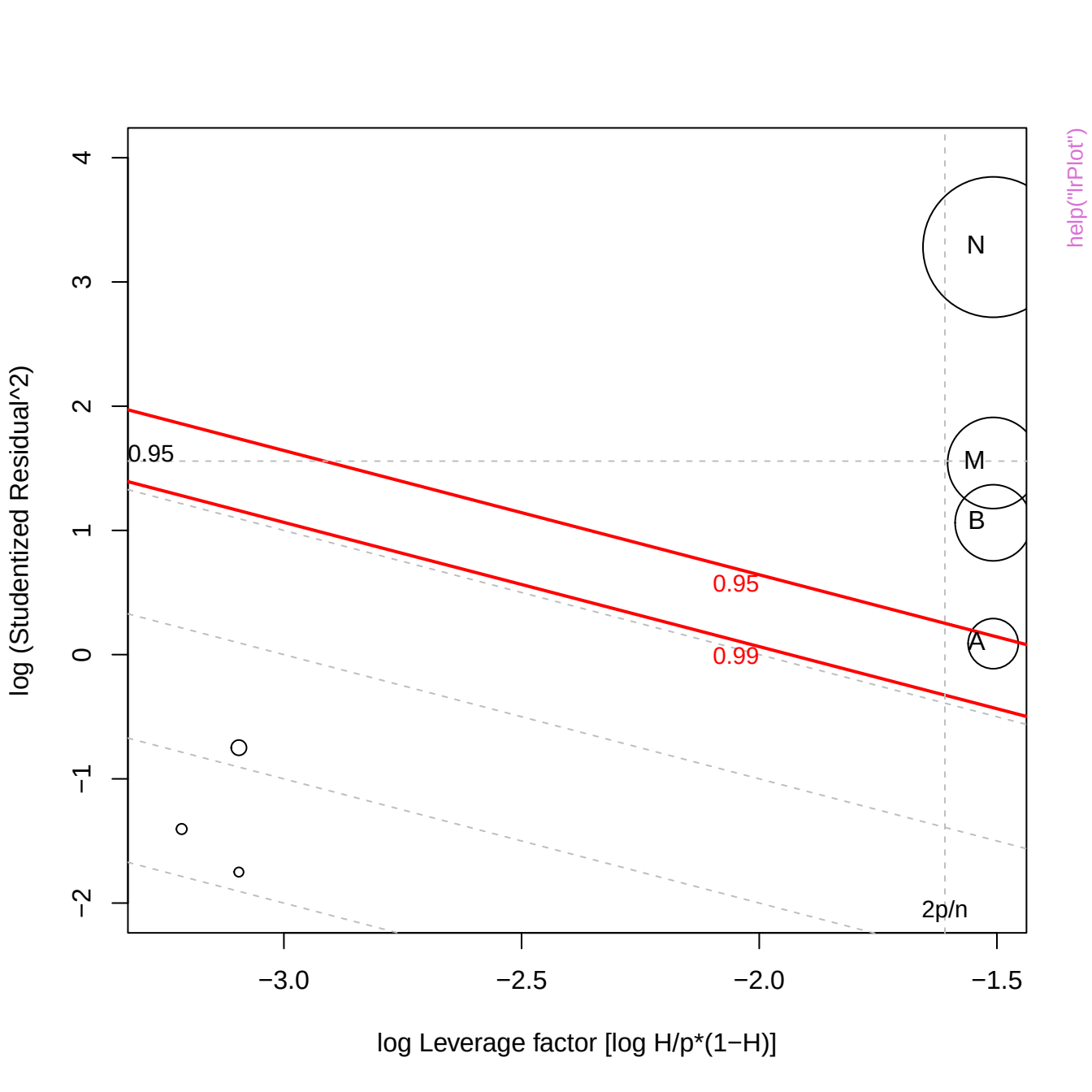

1
25
21
28
Cook's D
0.0
0.2
0.4
0.6
0.8
1.0
Hat value
0.2
0.4
0.6
0.8
help("influencePlot.mlm")

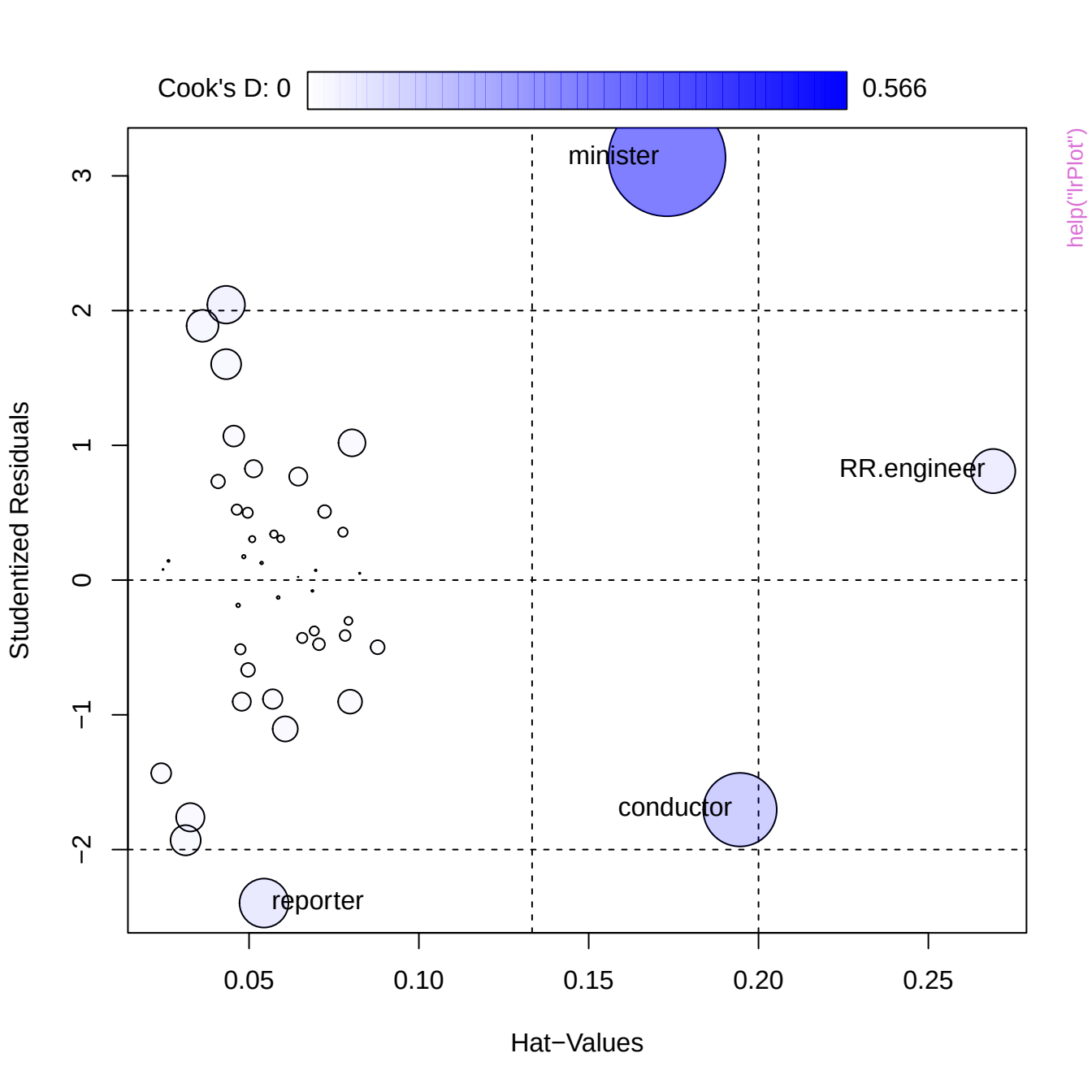

51
37
45
12
44
0.00
0.05
0.10
0.15
0.05
0.10
0.15
0.20
Squared Studentized Residual
Hat value
help("influencePlot.mlm")

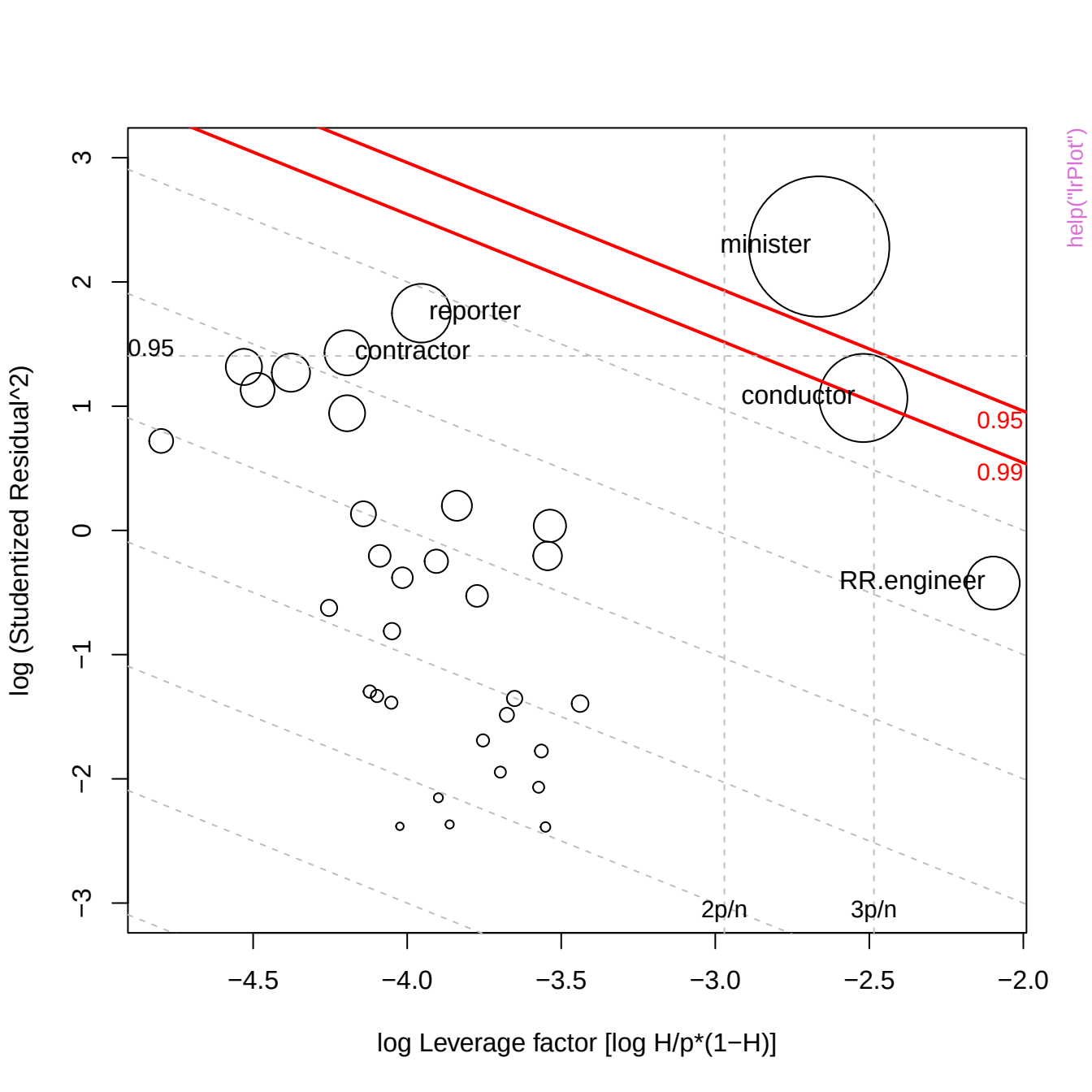

log Residual
log Leverage
−1.5
−2.0
−2.5
−3.0
−3.5
−4.0
−4.0
−3.5
−3.0
−2.5
−2.0
−1.5
51
37
45
12
44
help("influencePlot.mlm")


help("lrPlot")
N
M
B
A
y
x
0
5
10
15
0
5
10
15


Cook's D: 0
1.88
N
B
M
Studentized Residuals
4
2
0
−2
0.10
0.15
0.20
0.25
0.30
Hat−Values
help("lrPlot")


log (Studentized Residual^2)
log Leverage factor [log H/p*(1−H)]
help("lrPlot")
0.95
0.95
0.99
2p/n
N
M
B
A
4
3
2
1
0
−1
−2
−3.0
−2.5
−2.0
−1.5


Cook's D: 0
0.566
minister
RR.engineer
conductor
reporter
Studentized Residuals
Hat−Values
3
2
1
0
−1
−2
0.05
0.10
0.15
0.20
0.25
help("lrPlot")


minister
reporter
contractor
conductor
RR.engineer
0.95
0.95
0.99
2p/n
3p/n
log (Studentized Residual^2)
log Leverage factor [log H/p*(1−H)]
3
2
1
0
−1
−2
−3
−4.5
−4.0
−3.5
−3.0
−2.5
−2.0
help("lrPlot")