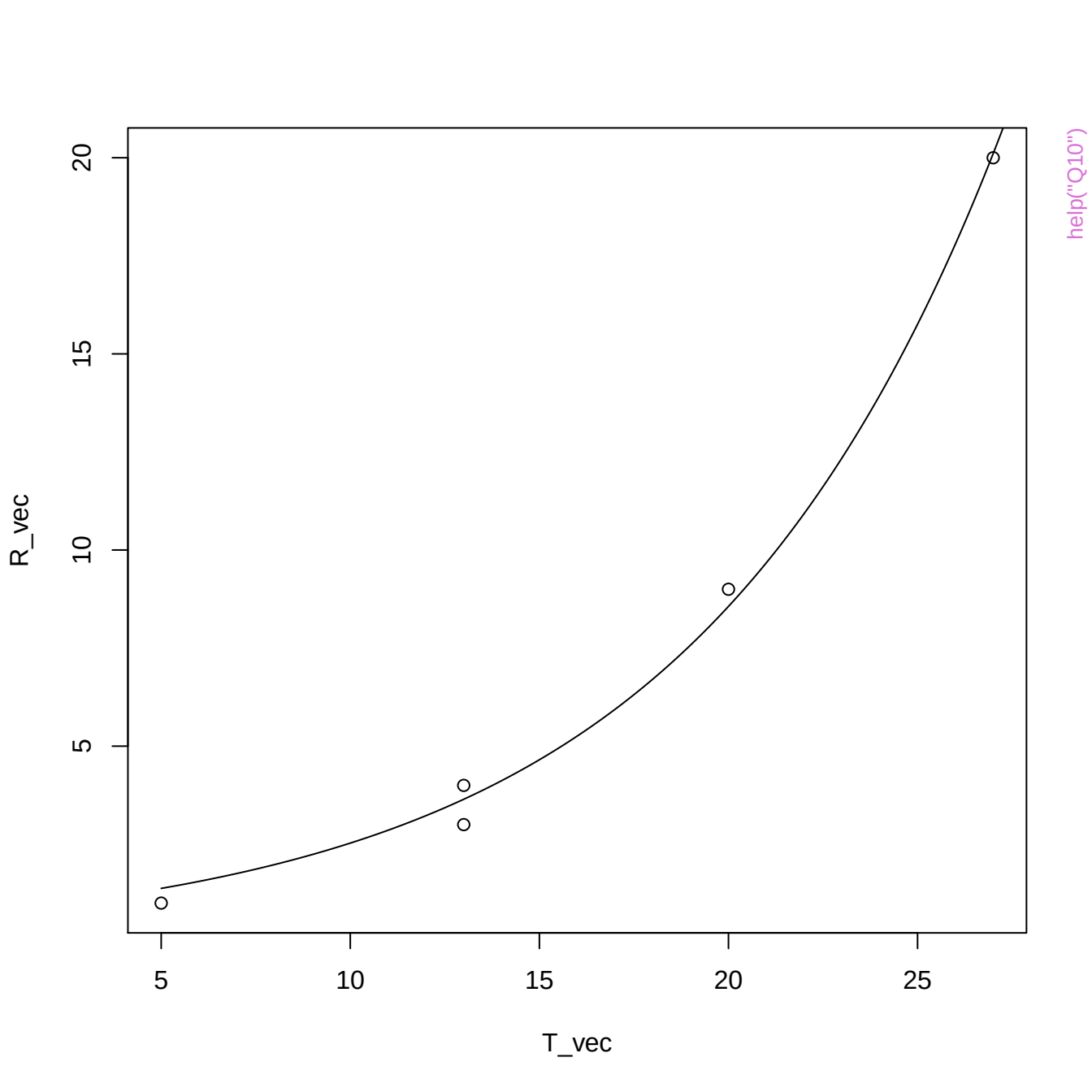
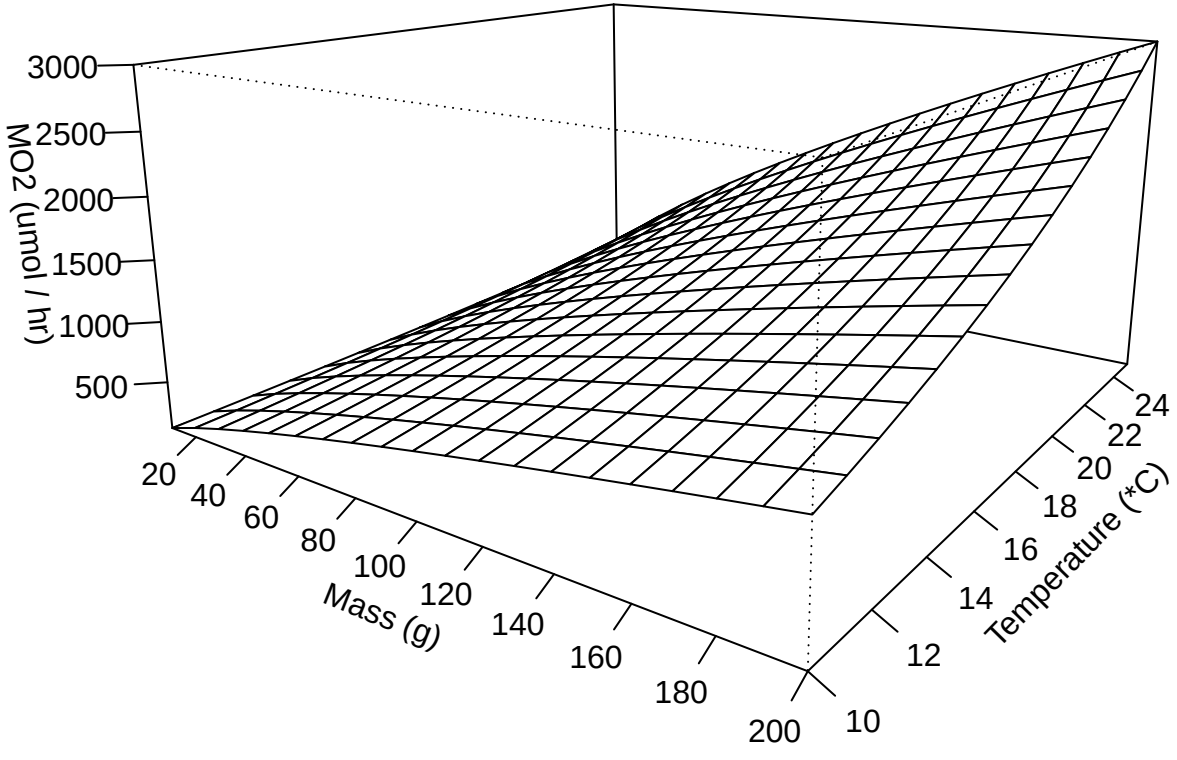
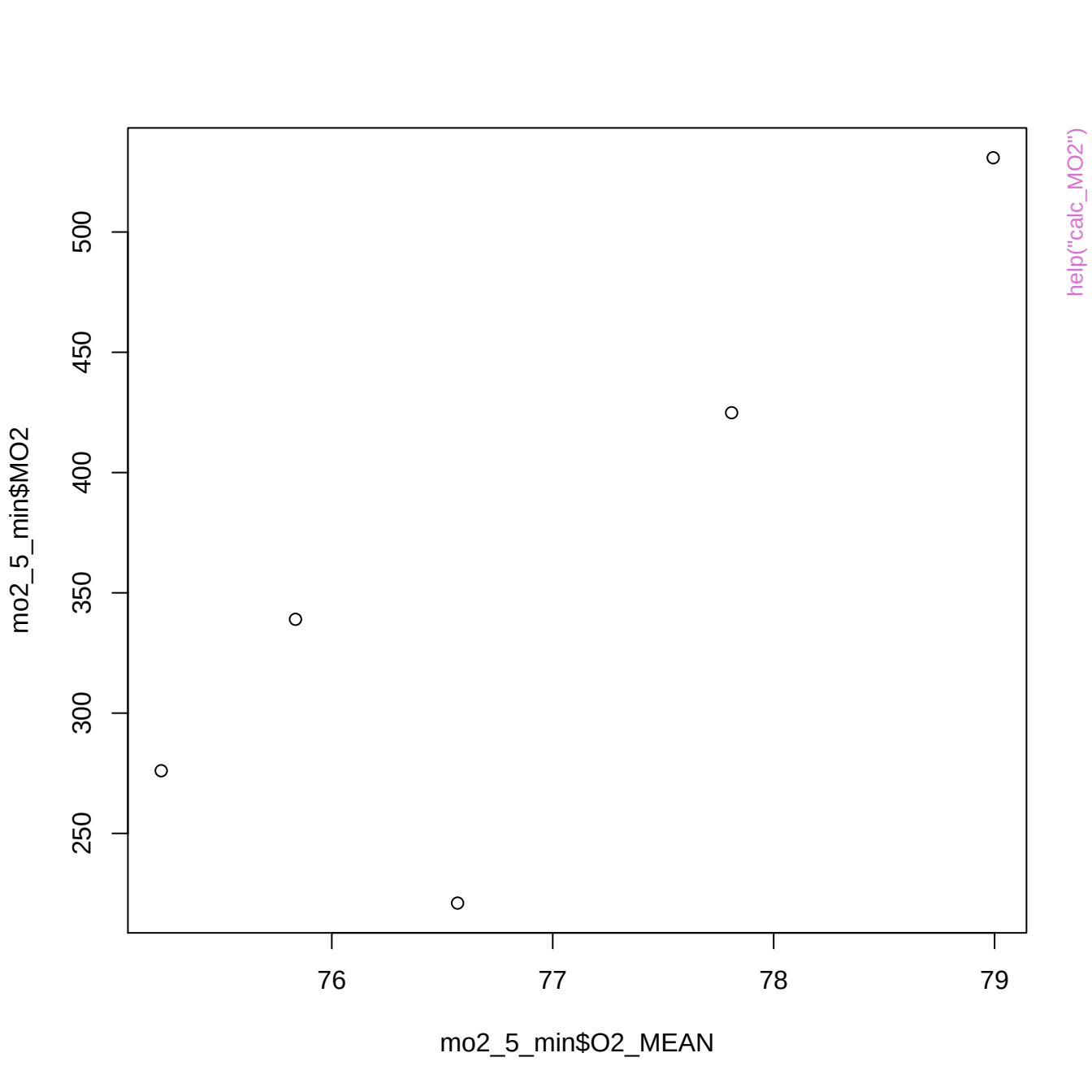
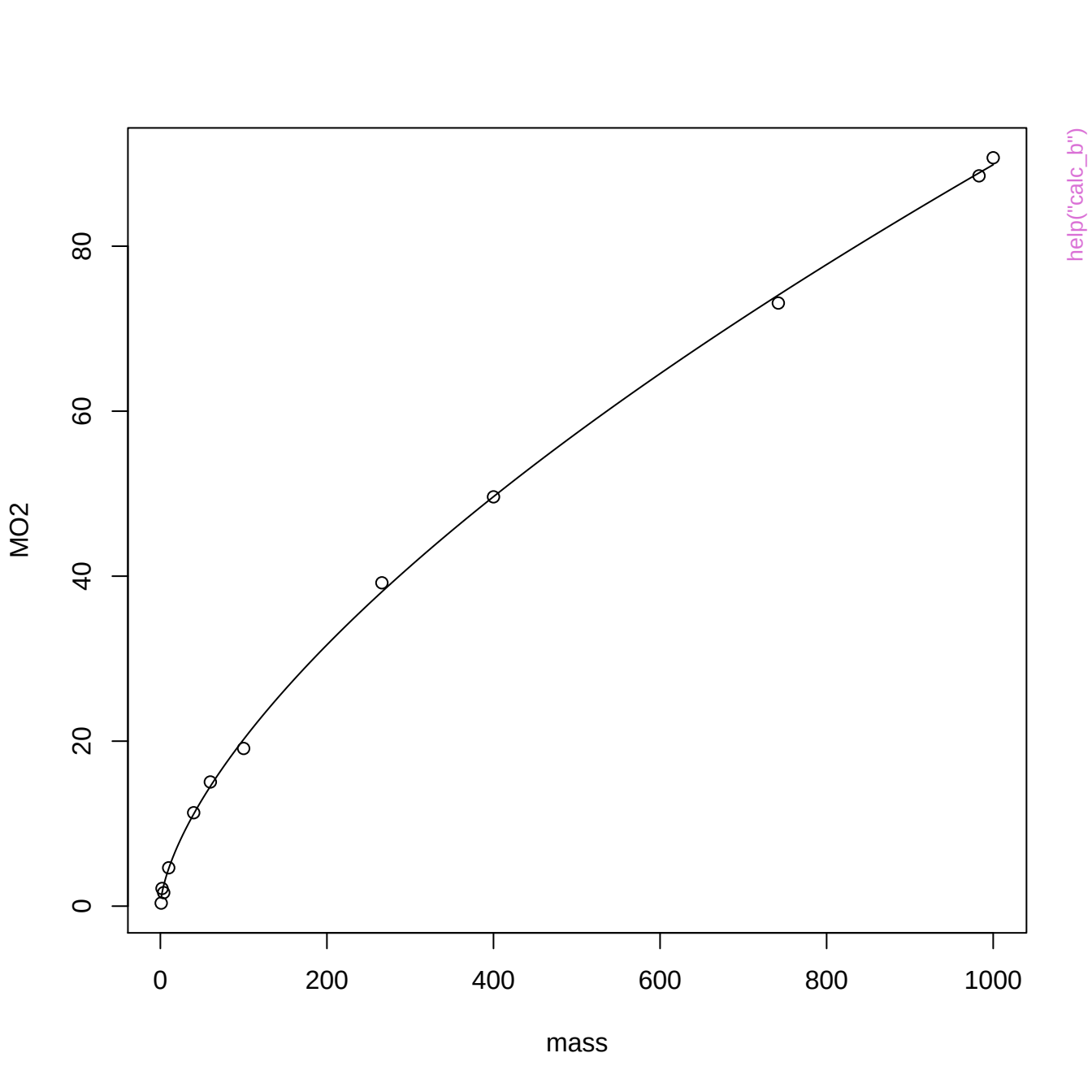
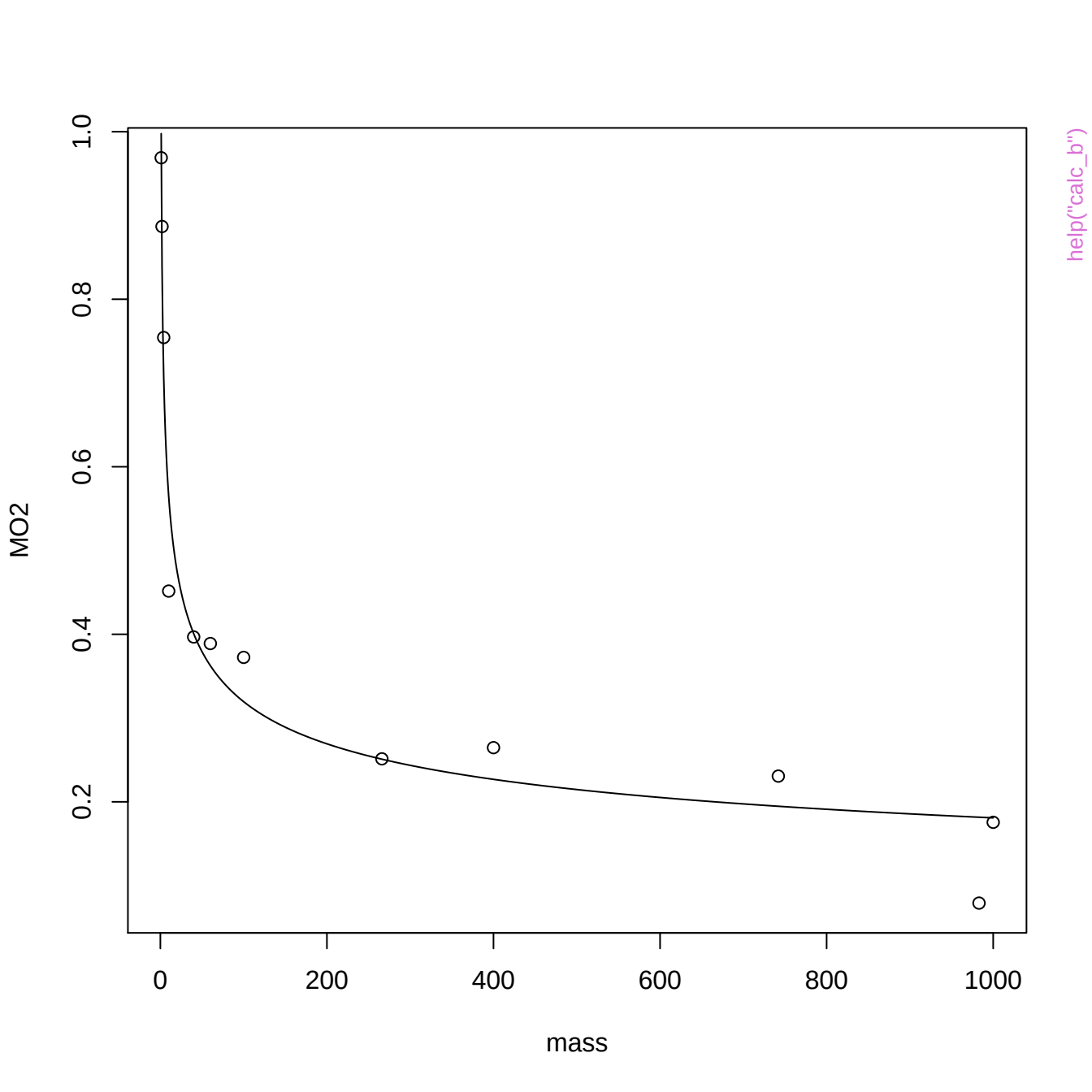

R_vec
T_vec
5
10
15
20
25
5
10
15
20
help("Q10")

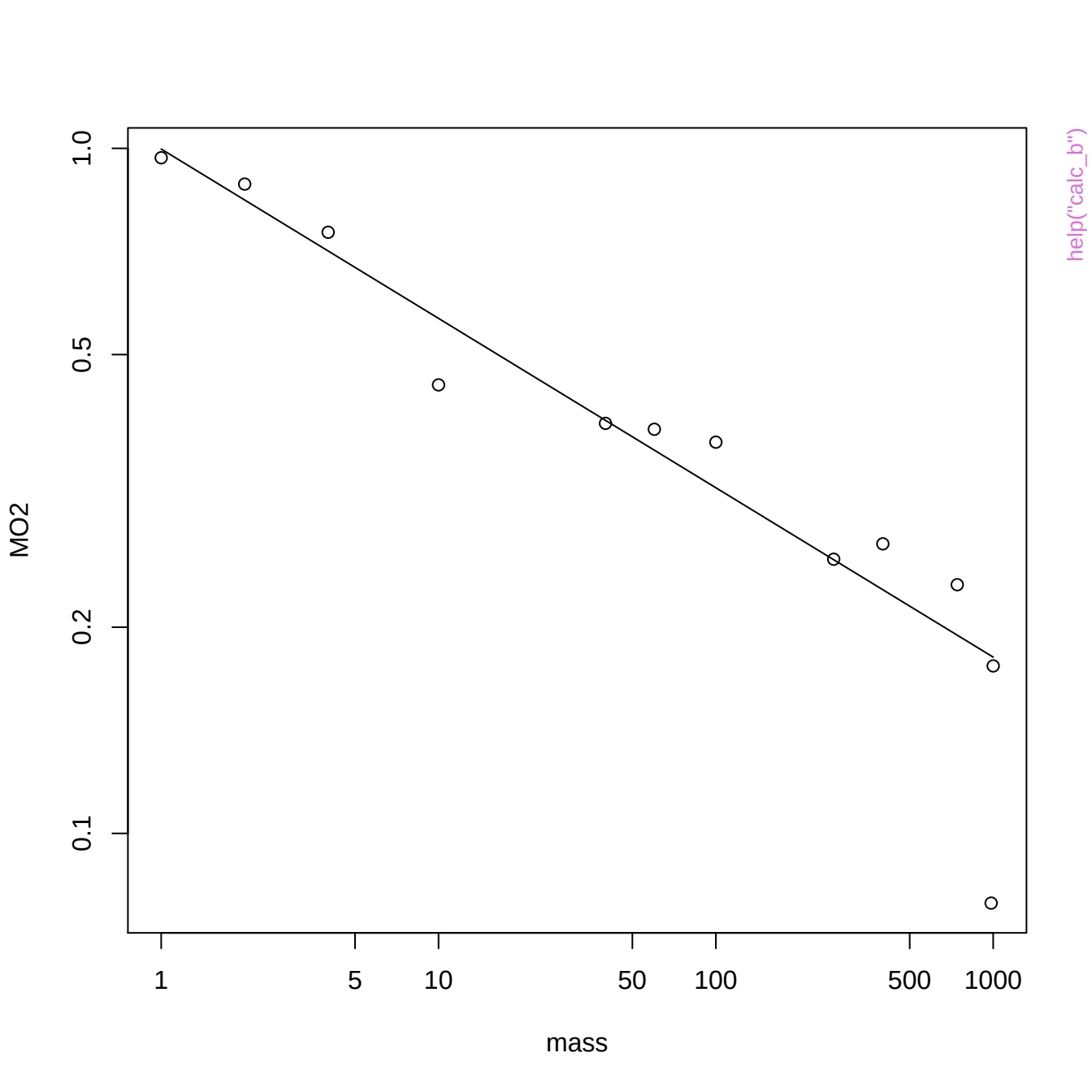
help("Q10")

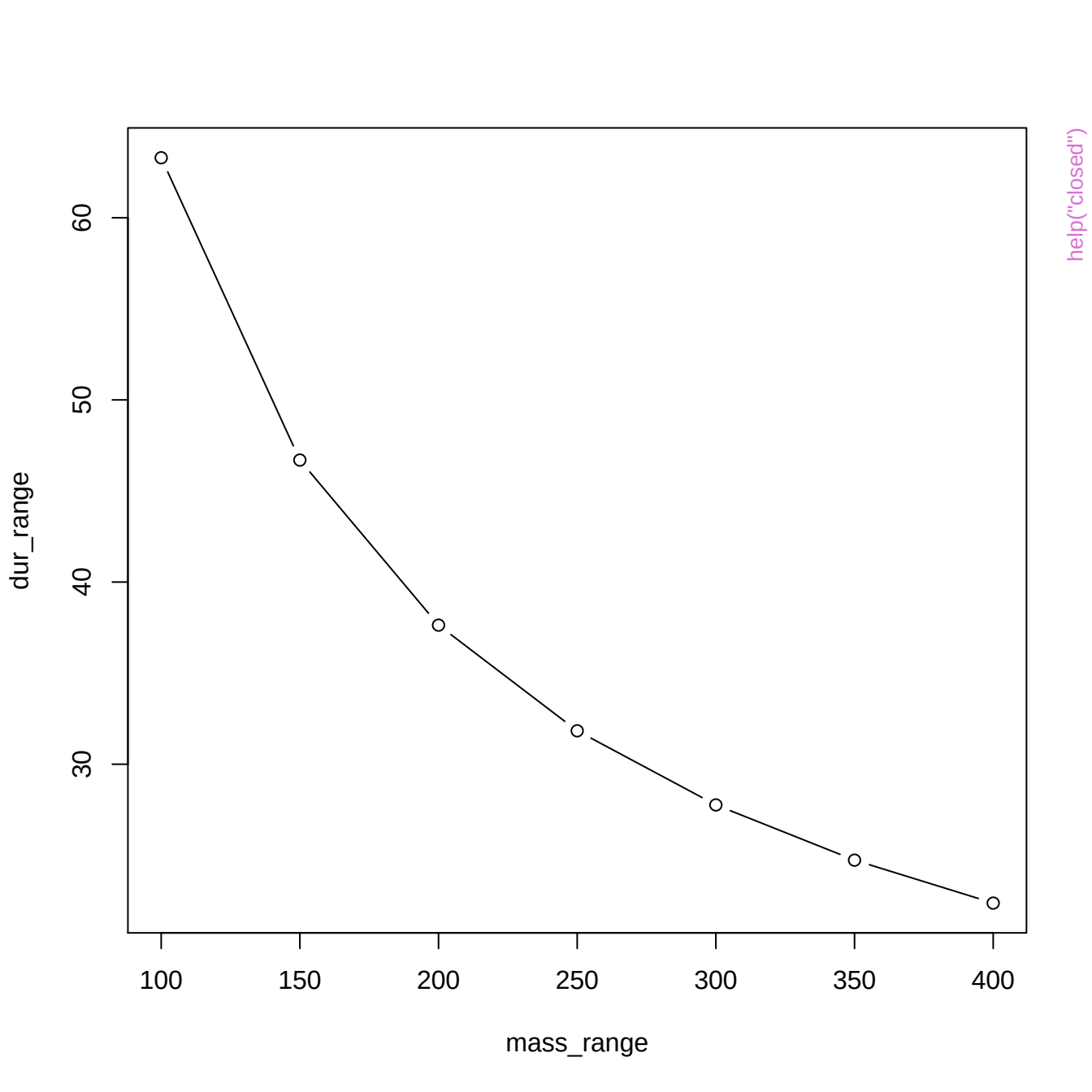

3000
2500
2000
1500
1000
500
MO2 (umol / hr)
20
40
60
80
100
120
140
160
180
200
Mass (g)
10
12
14
16
18
20
22
24
Temperature (*C)

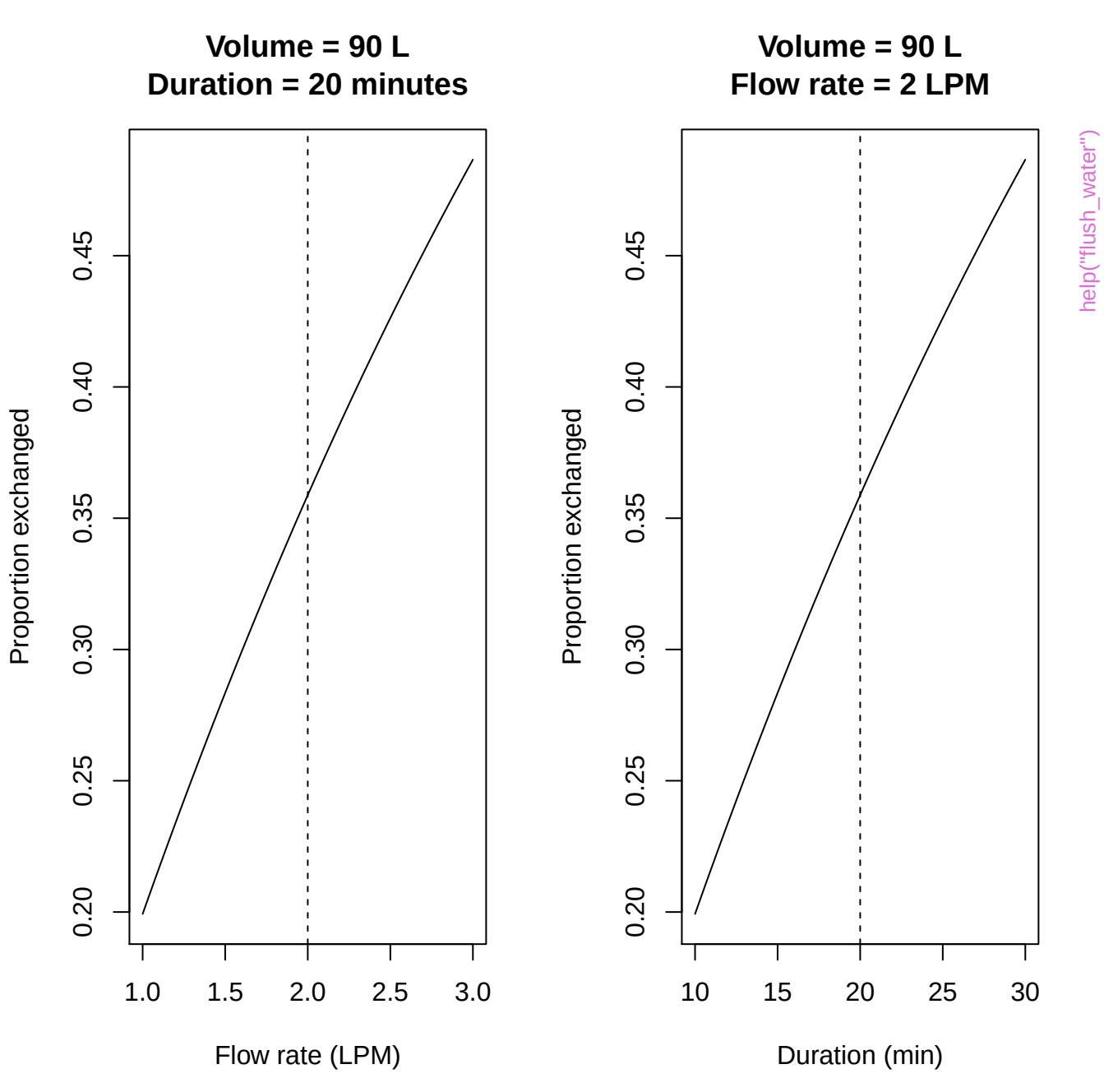

mo2_5_min$MO2
250
300
350
400
450
500
76
77
78
79
mo2_5_min$O2_MEAN
help("calc_MO2")

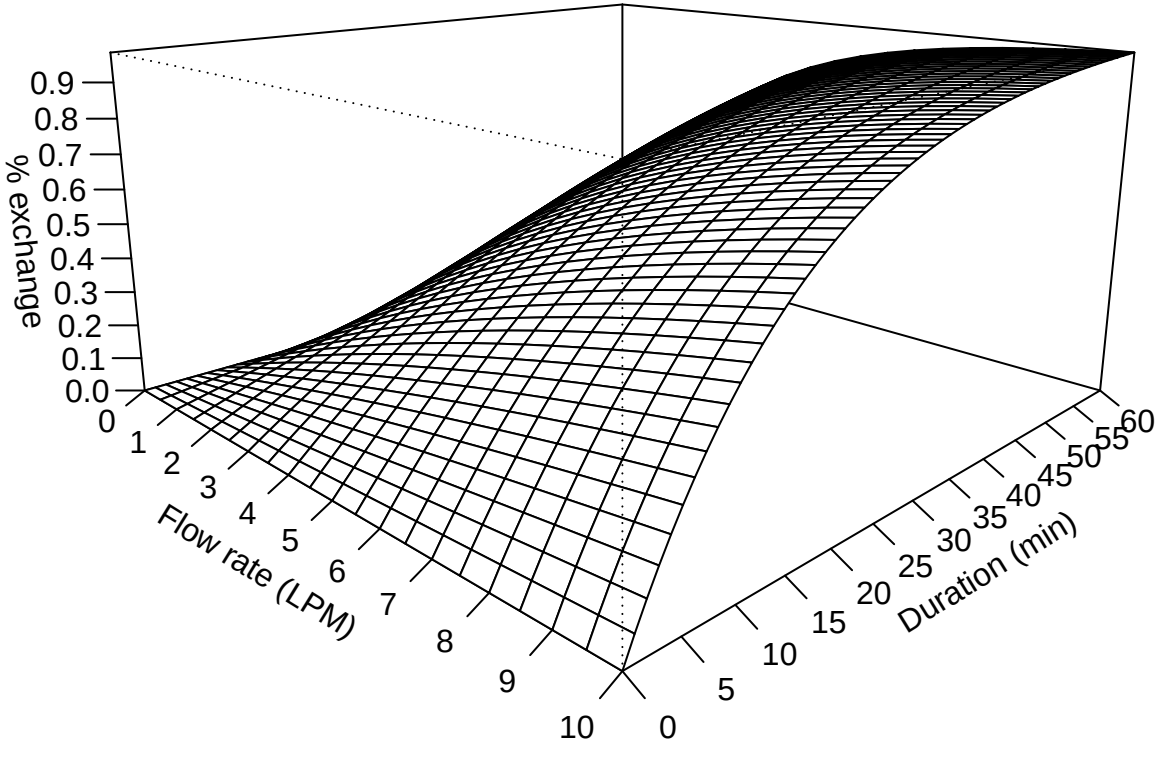

MO2
mass
0
20
40
60
80
0
200
400
600
800
1000
help("calc_b")


MO2
1.0
0.8
0.6
0.4
0.2
0
200
400
600
800
1000
mass
help("calc_b")

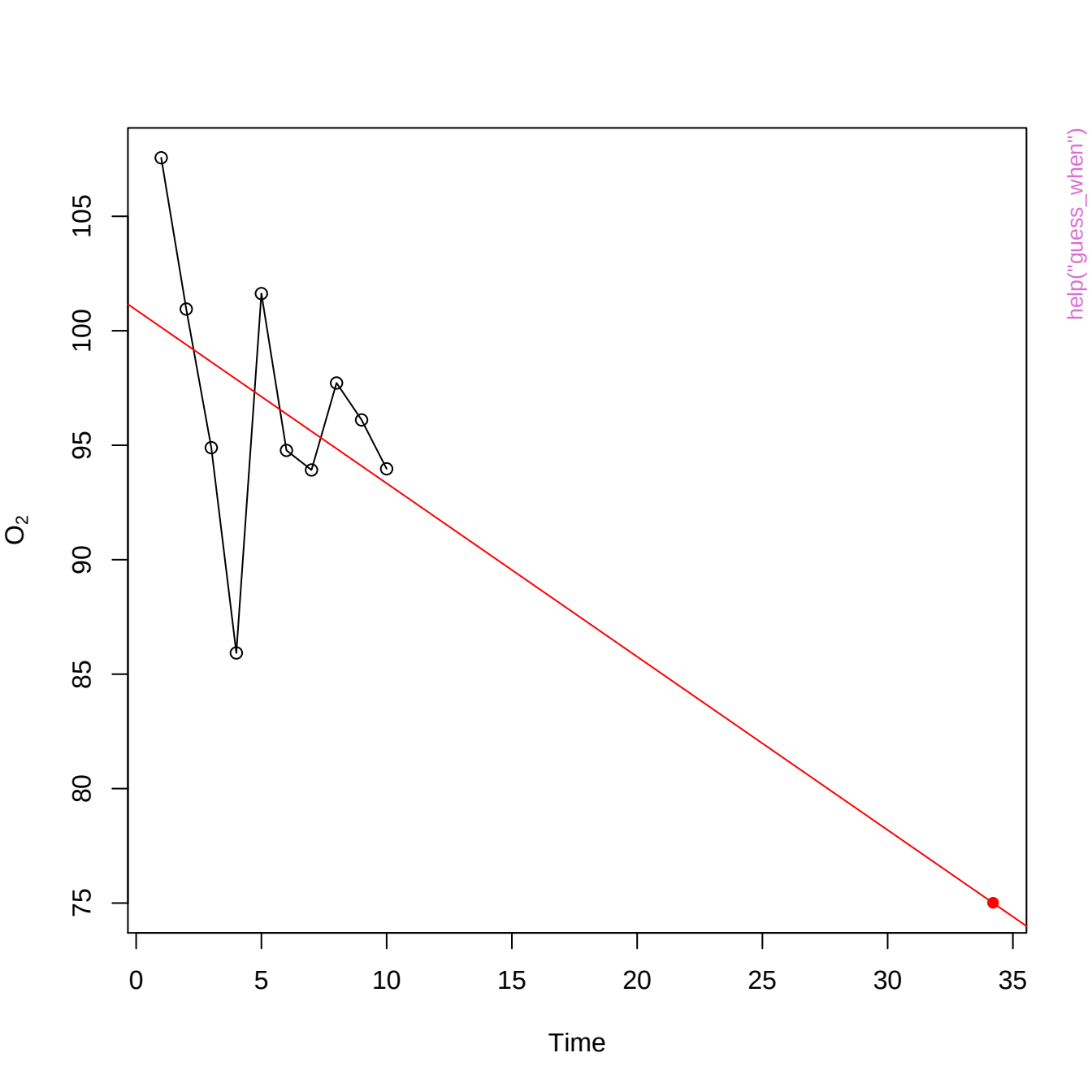

MO2
1.0
0.5
0.2
0.1
1
5
10
50
100
500
1000
mass
help("calc_b")

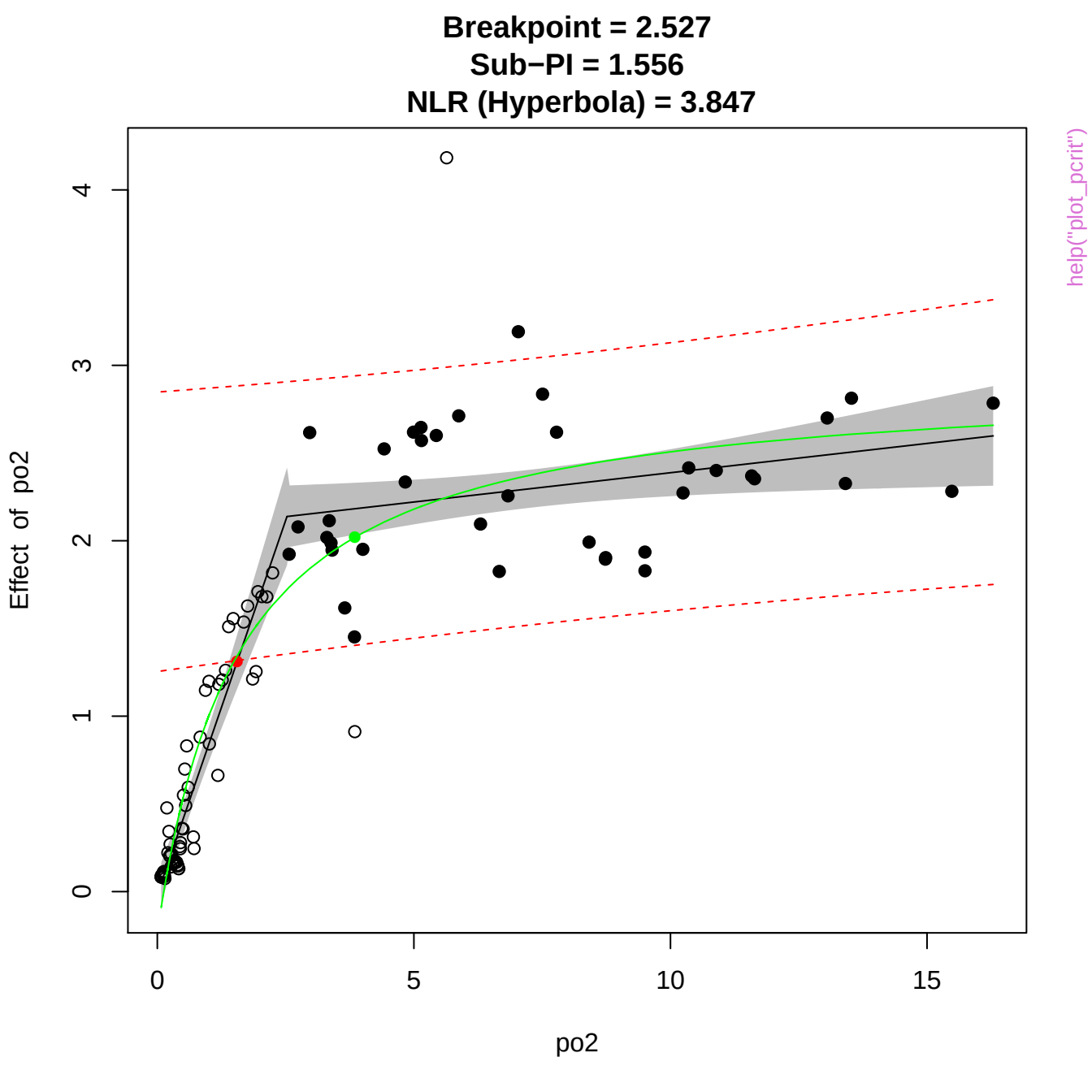

dur_range
60
50
40
30
100
150
200
250
300
350
400
mass_range
help("closed")

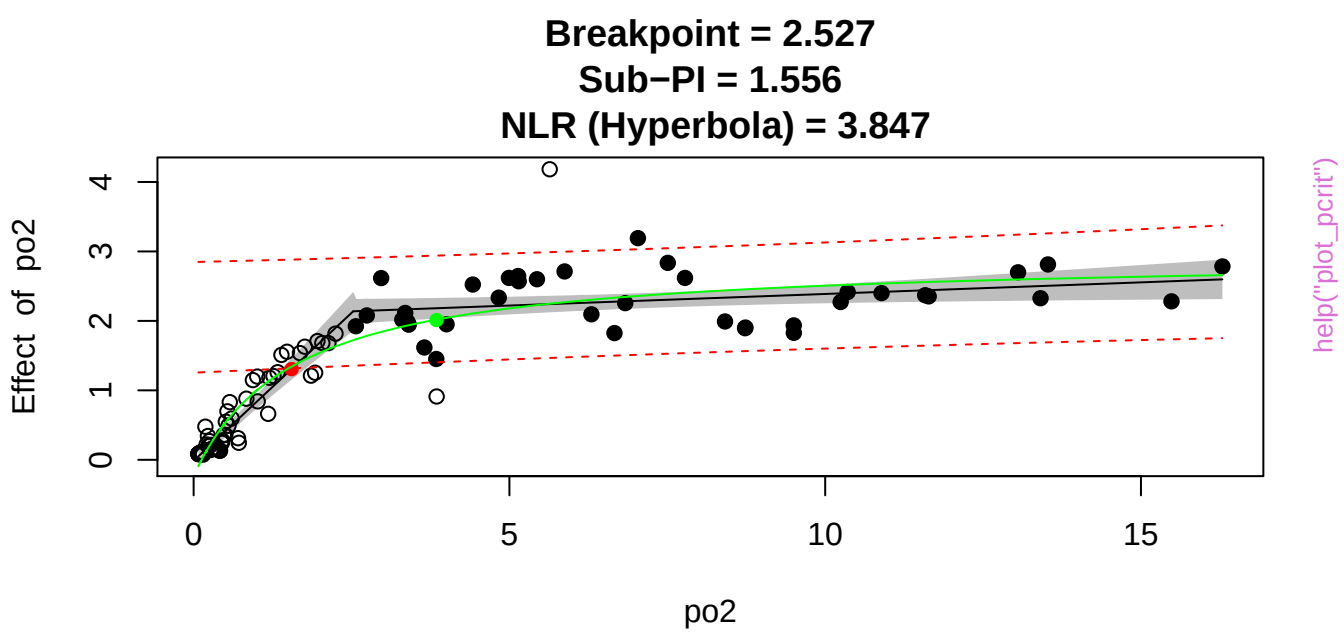

Volume = 90 L
Duration = 20 minutes
Proportion exchanged
0.20
0.25
0.30
0.35
0.40
0.45
1.0
1.5
2.0
2.5
3.0
Flow rate (LPM)
Volume = 90 L
Flow rate = 2 LPM
Proportion exchanged
0.20
0.25
0.30
0.35
0.40
0.45
10
15
20
25
30
Duration (min)
help("flush_water")

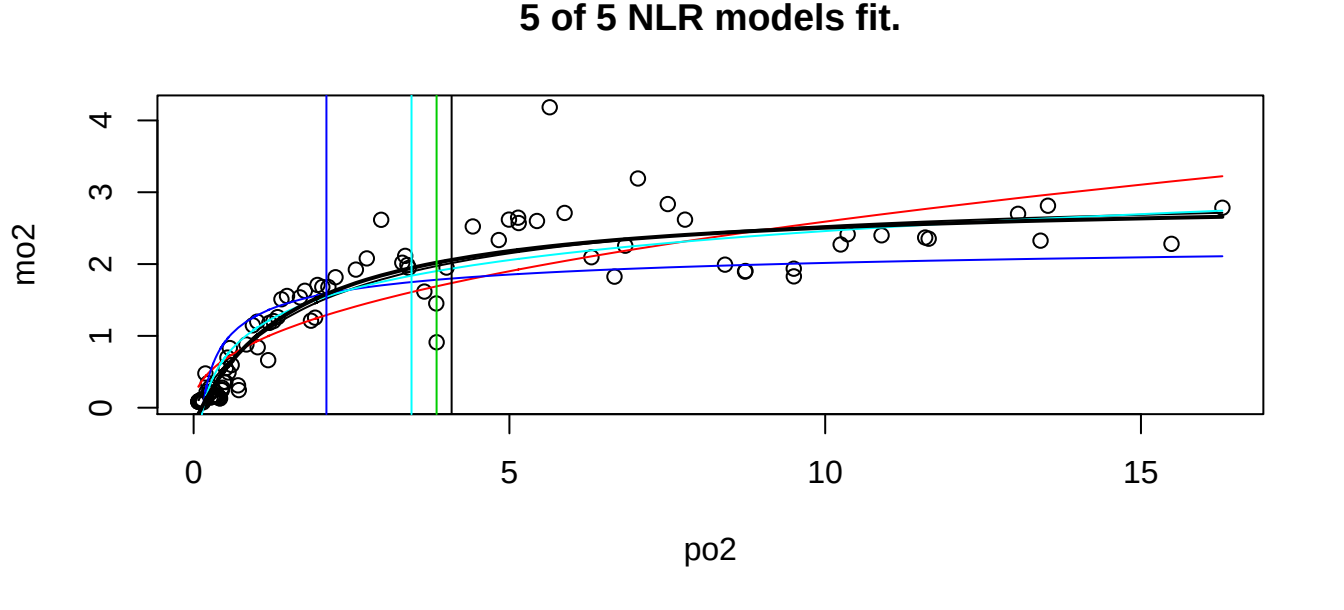


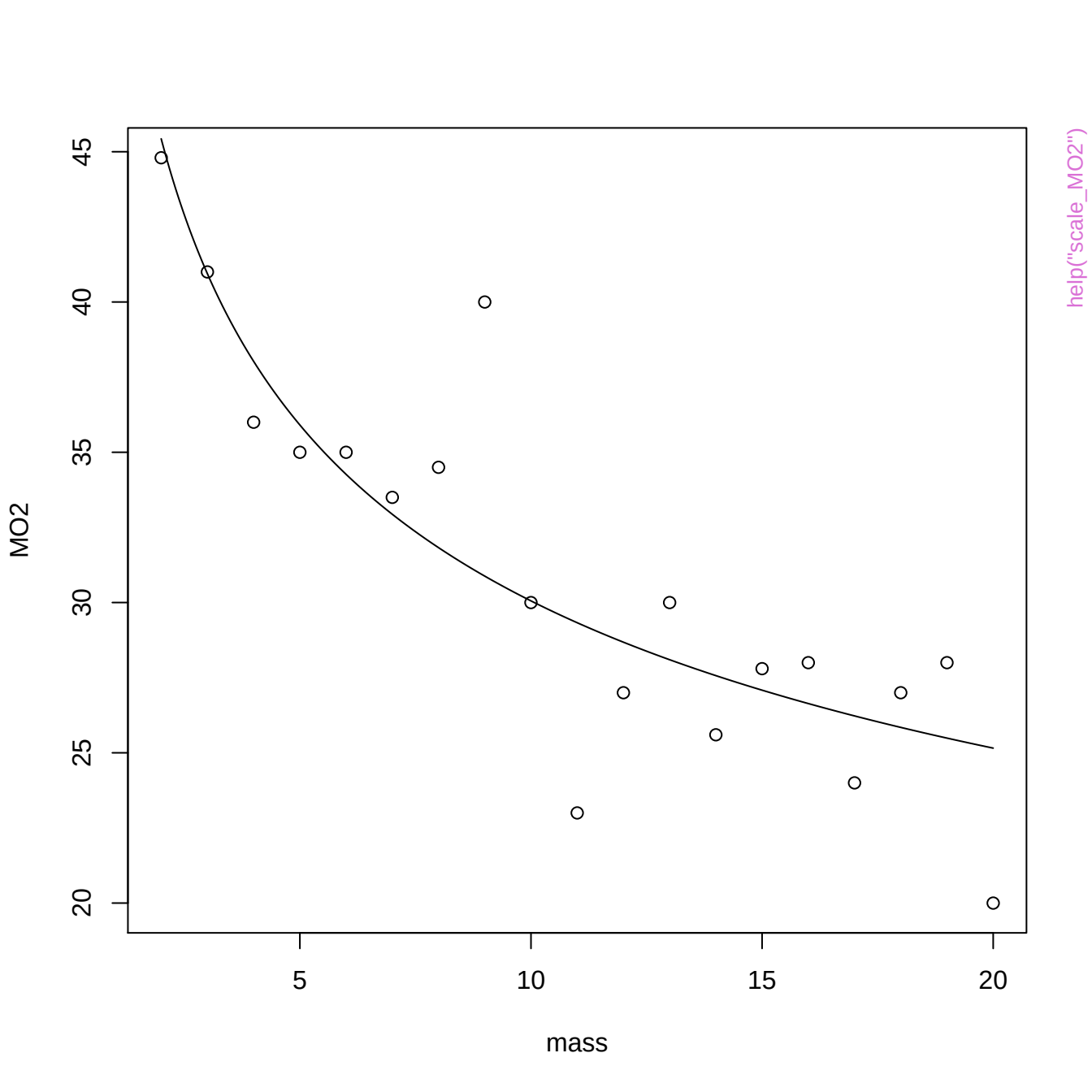
help("flush_water")


help("guess_when")
O2
105
100
95
90
85
80
75
0
5
10
15
20
25
30
35
Time

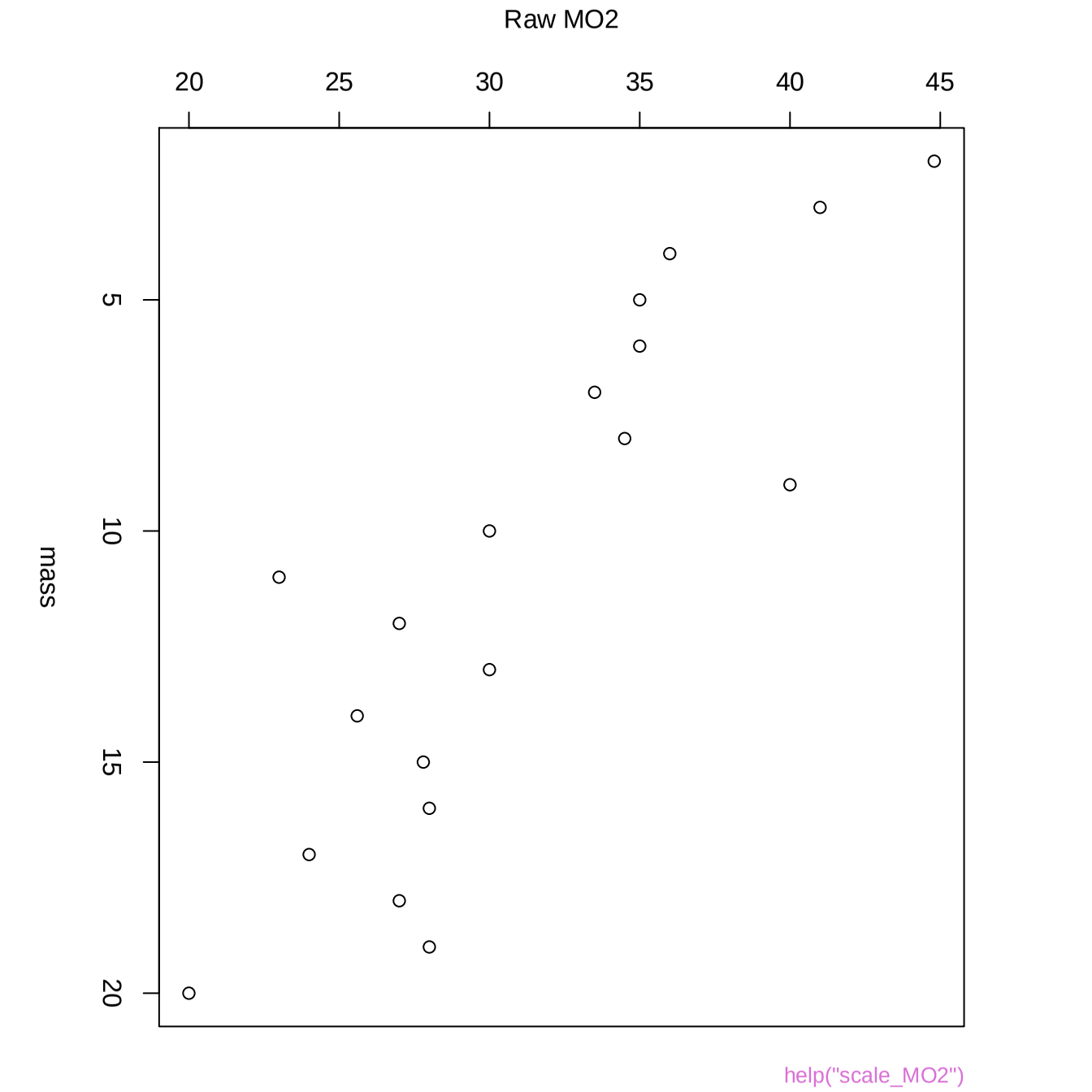

Breakpoint = 2.527
Sub−PI = 1.556
NLR (Hyperbola) = 3.847
Effect of po2
po2
0
1
2
3
4
0
5
10
15
help("plot_pcrit")


Breakpoint = 2.527
Sub−PI = 1.556
NLR (Hyperbola) = 3.847
Effect of po2
po2
help("plot_pcrit")

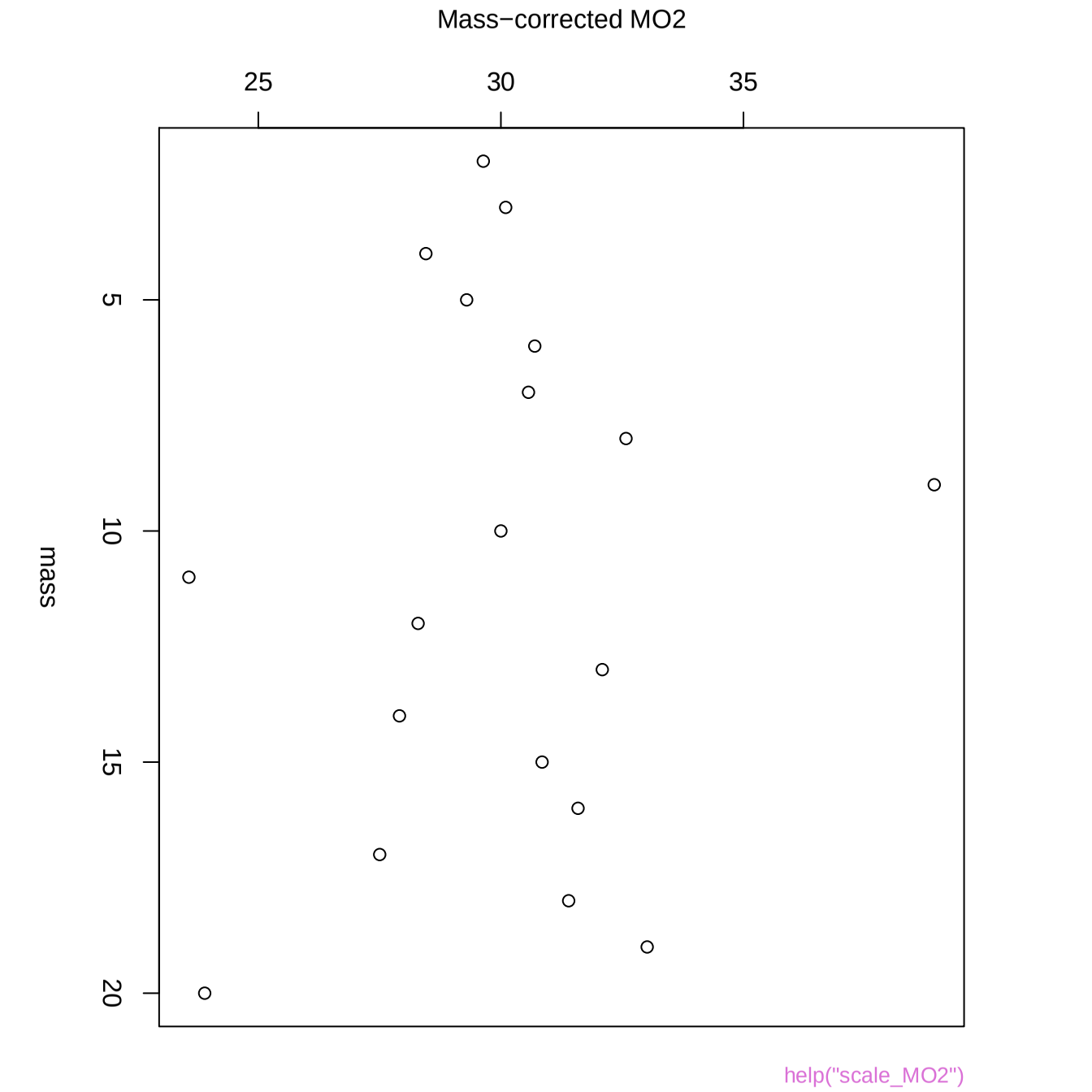

5 of 5 NLR models fit.
mo2
po2



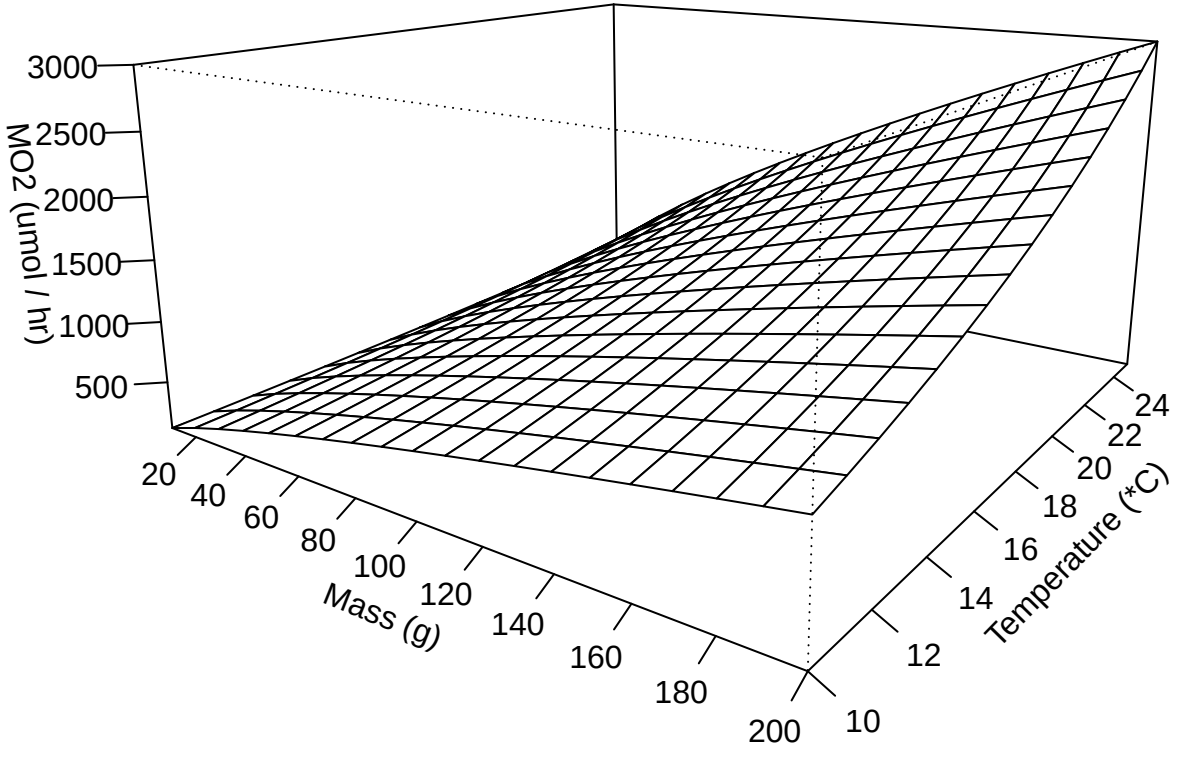
help("scale_MO2")



help("scale_MO2")



help("scale_MO2")



help("scale_MO2")