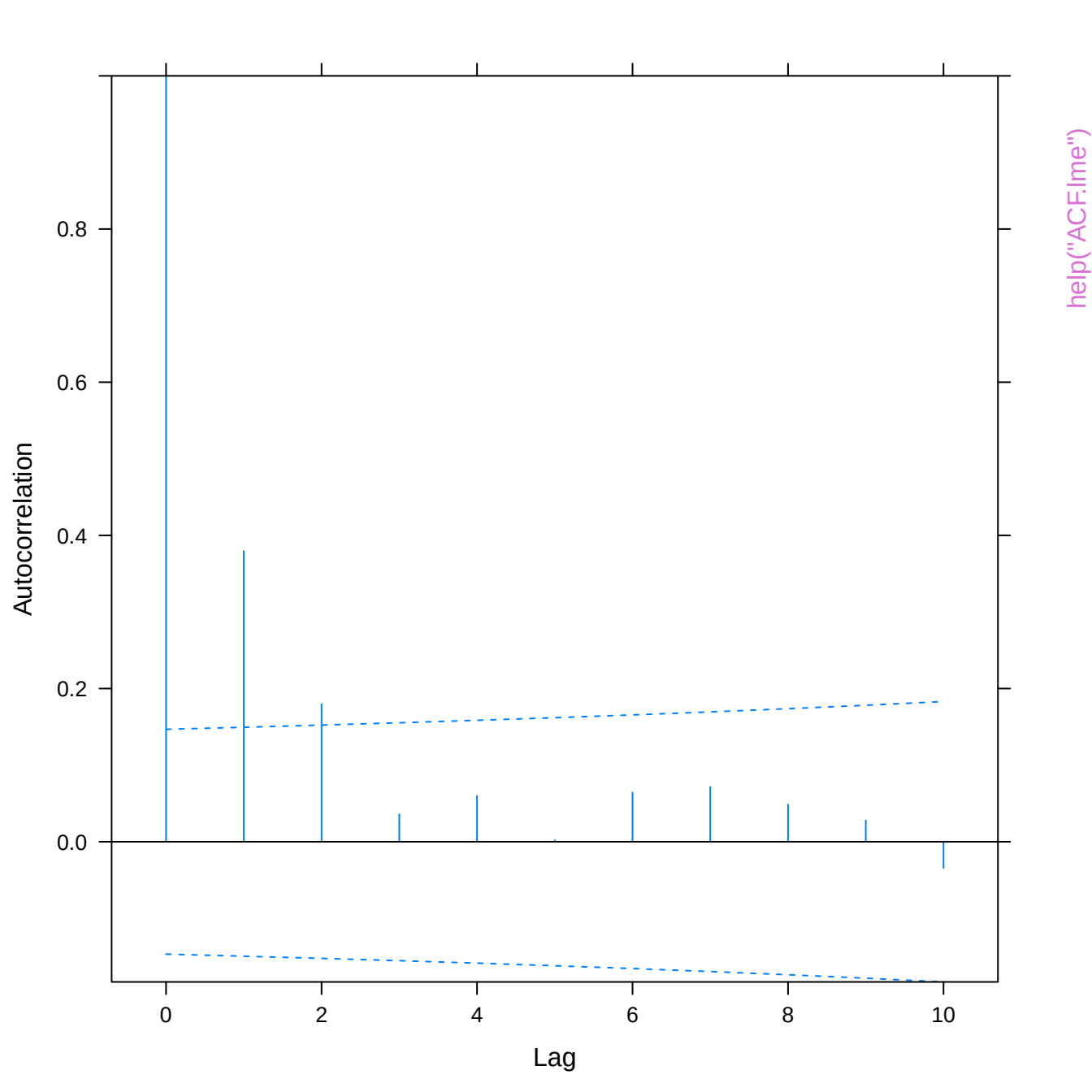
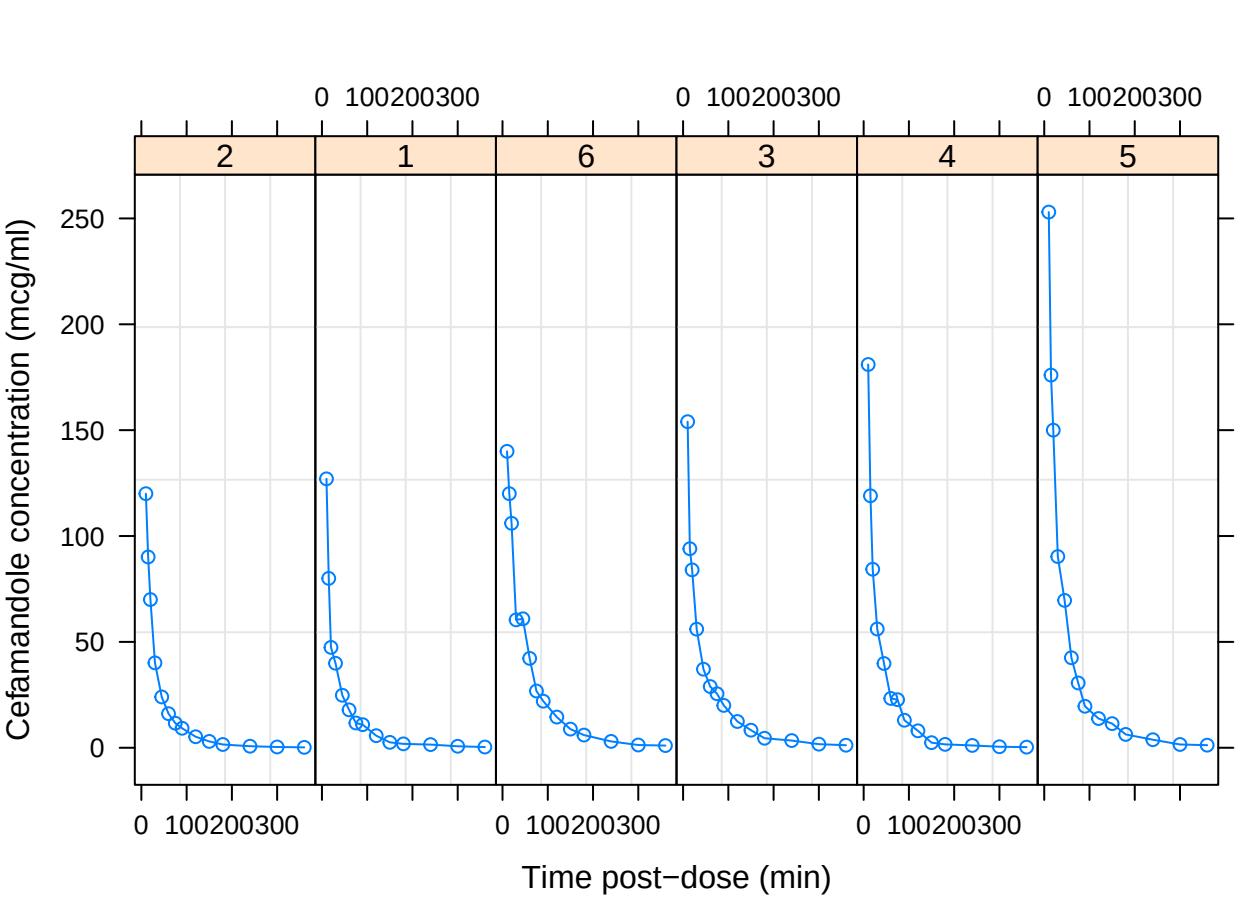
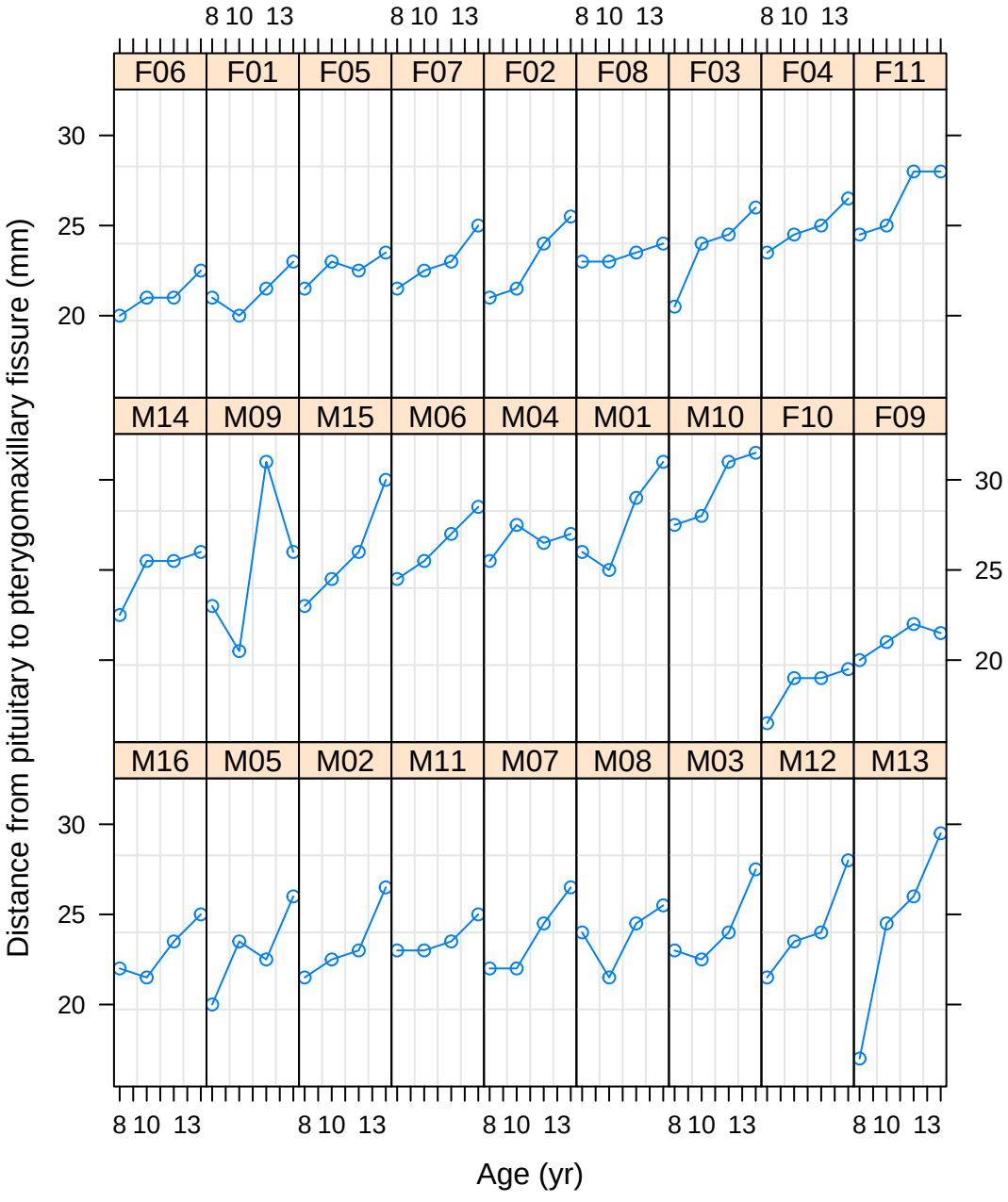
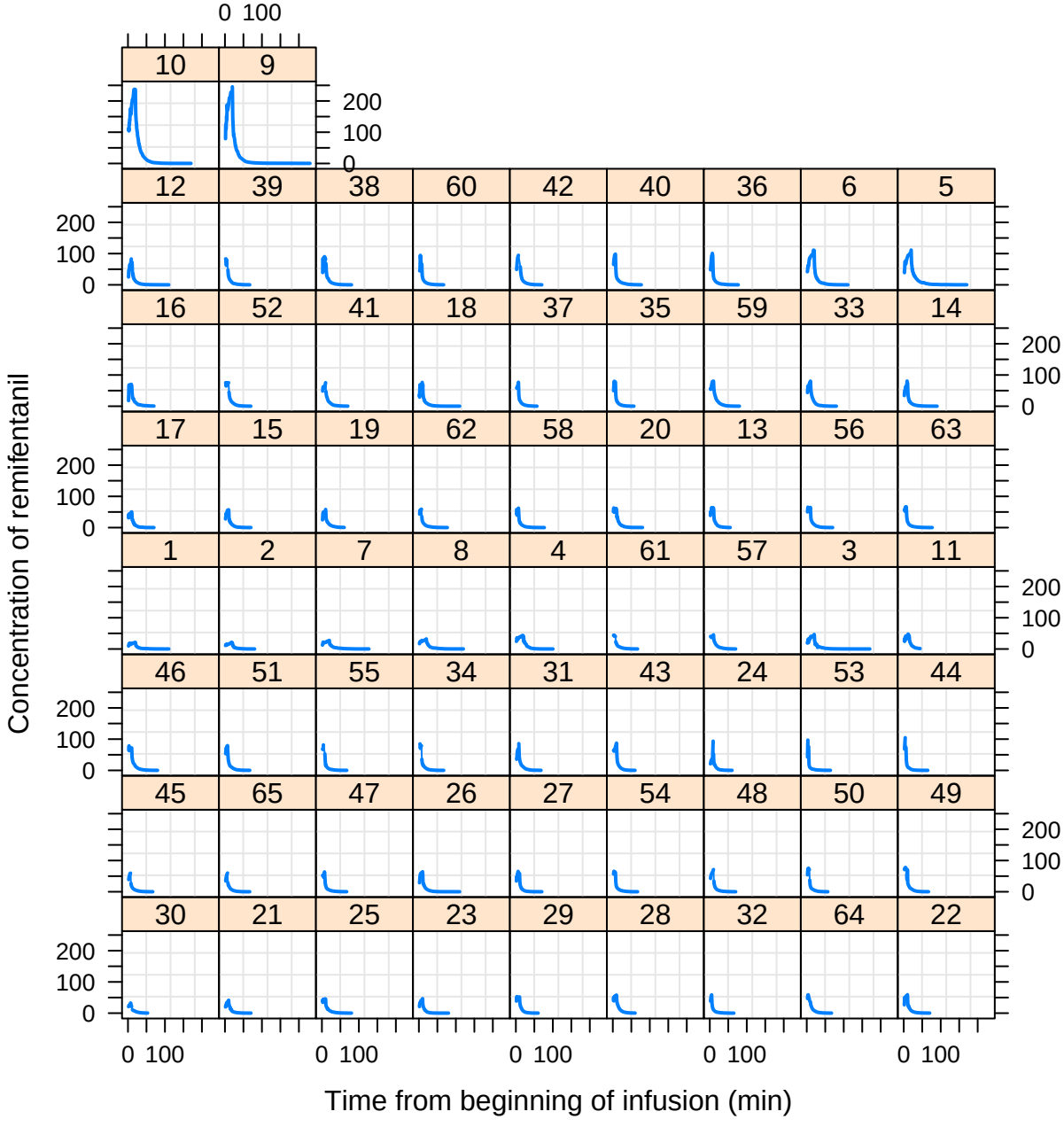

Autocorrelation
0.0
0.2
0.4
0.6
0.8
0
2
4
6
8
10
Lag
help("ACF.lme")



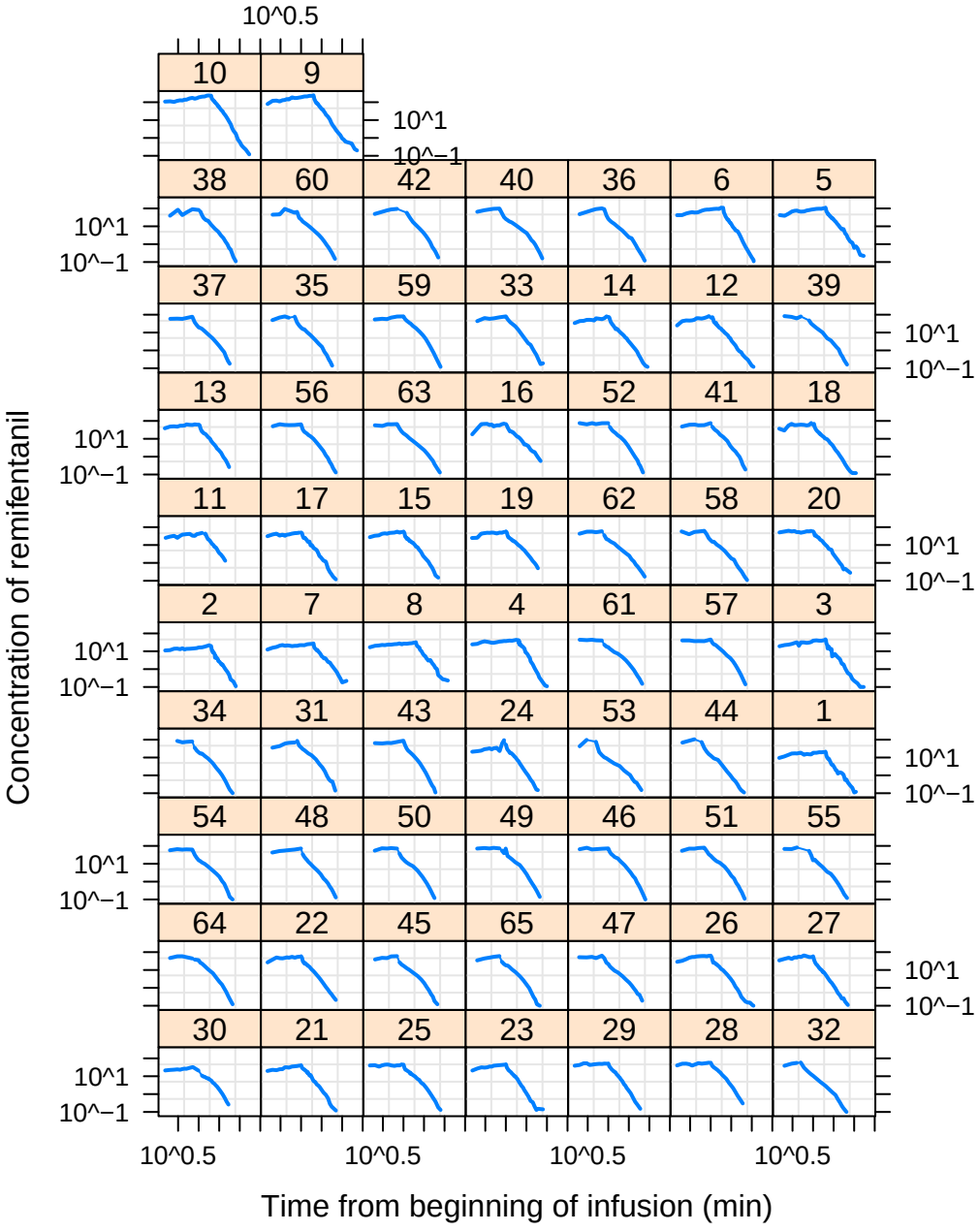
help("Cefamandole")



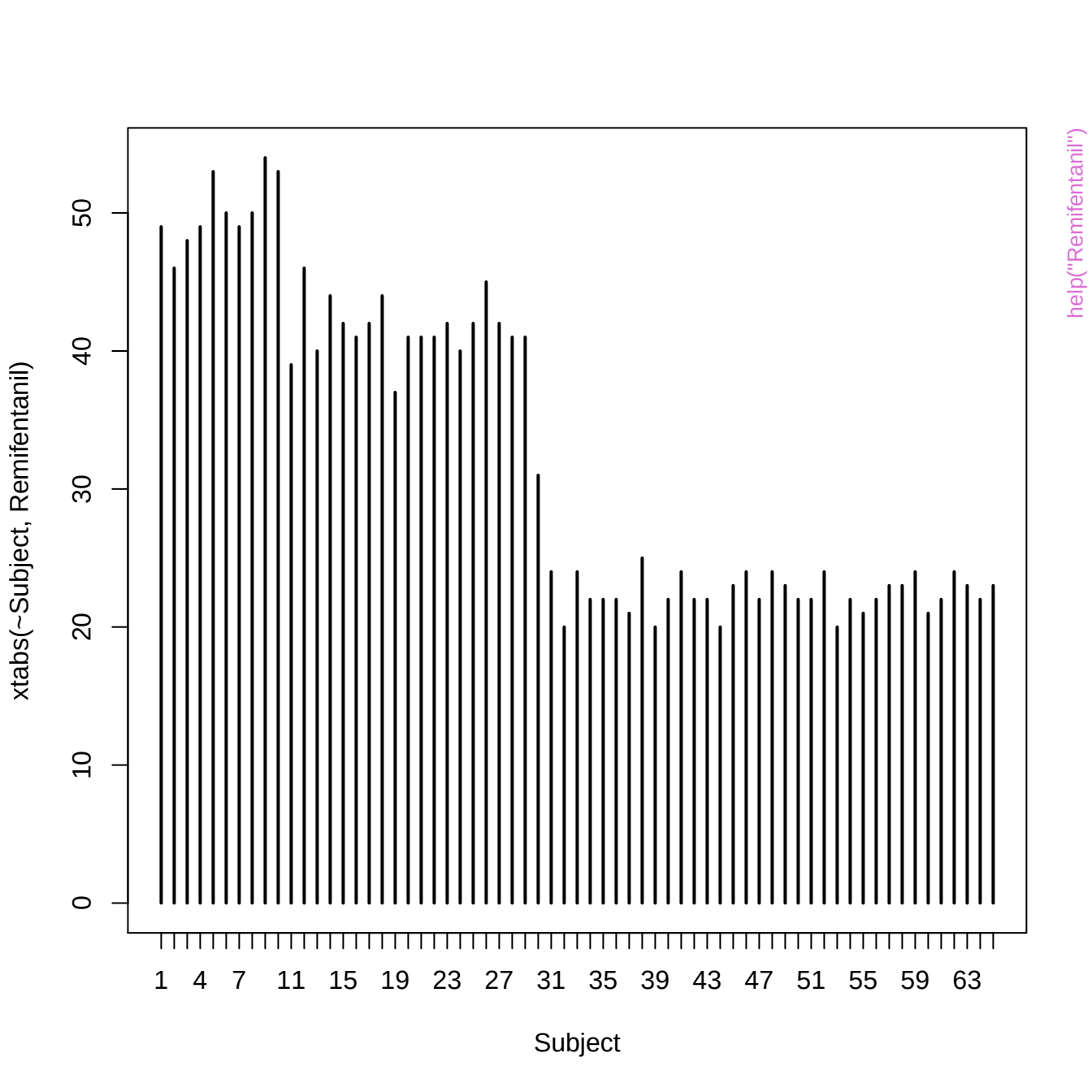
help("Orthodont")

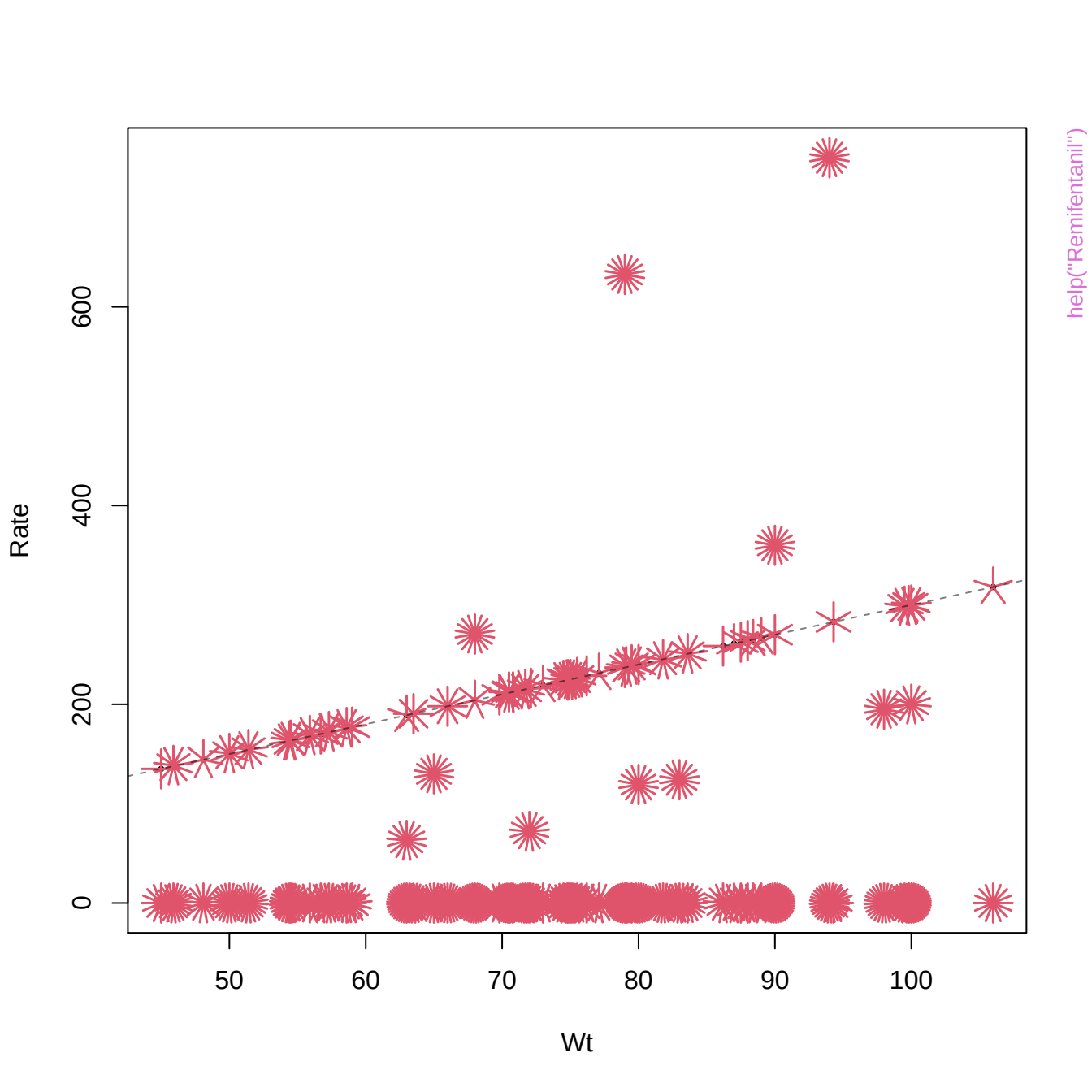


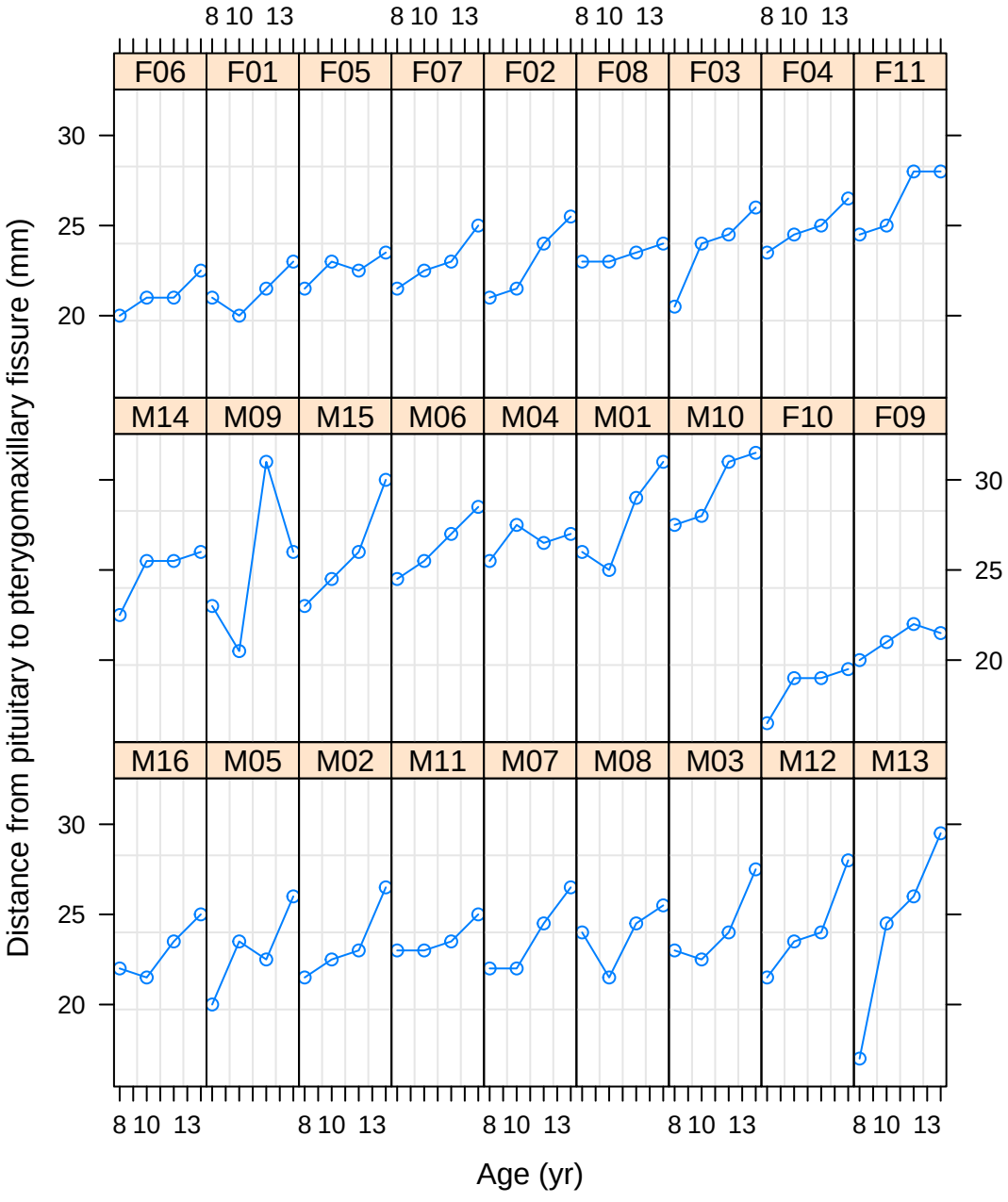
help("Remifentanil")



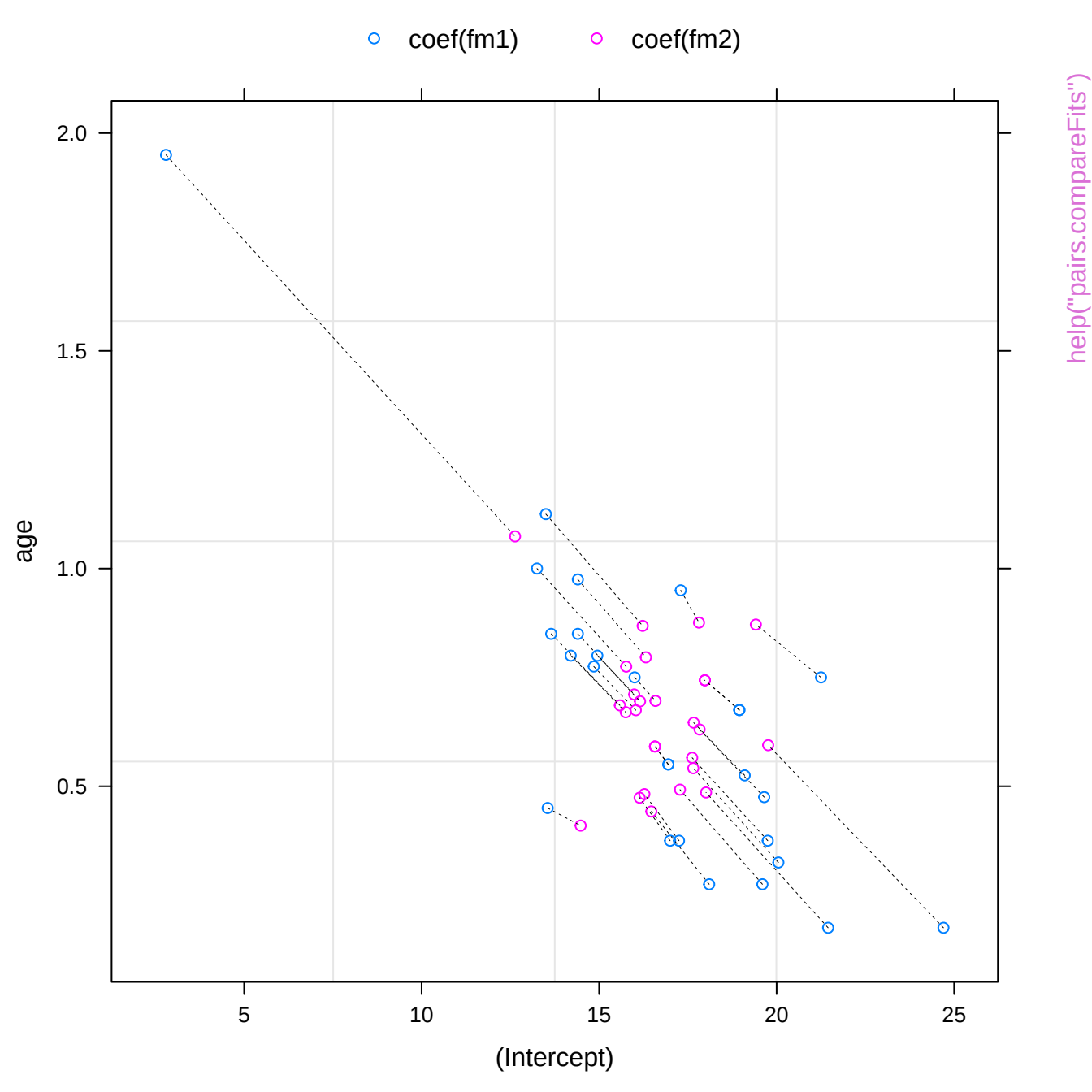
help("Remifentanil")

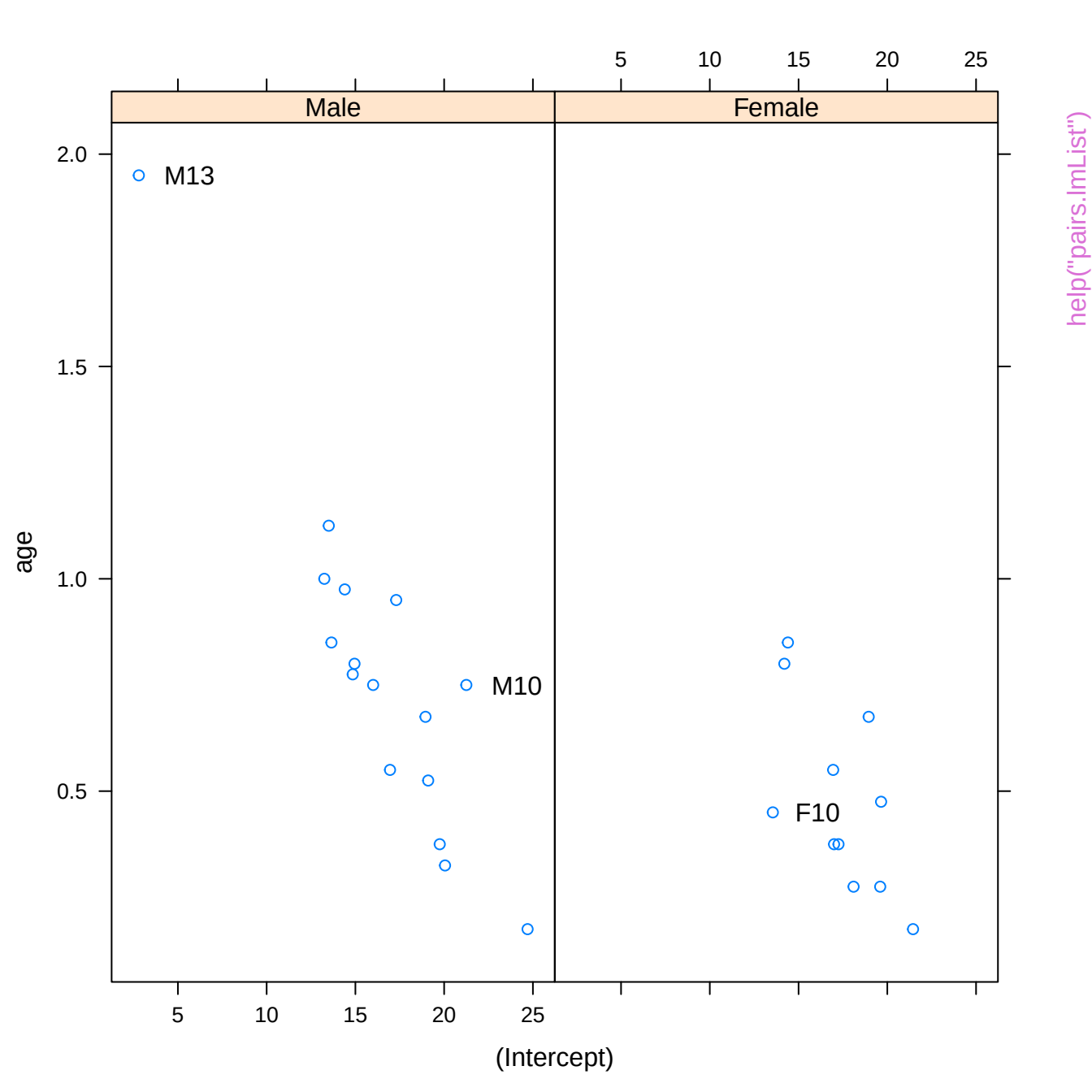

xtabs(~Subject, Remifentanil)
0
10
20
30
40
50
1
4
7
11
15
19
23
27
31
35
39
43
47
51
55
59
63
Subject
help("Remifentanil")

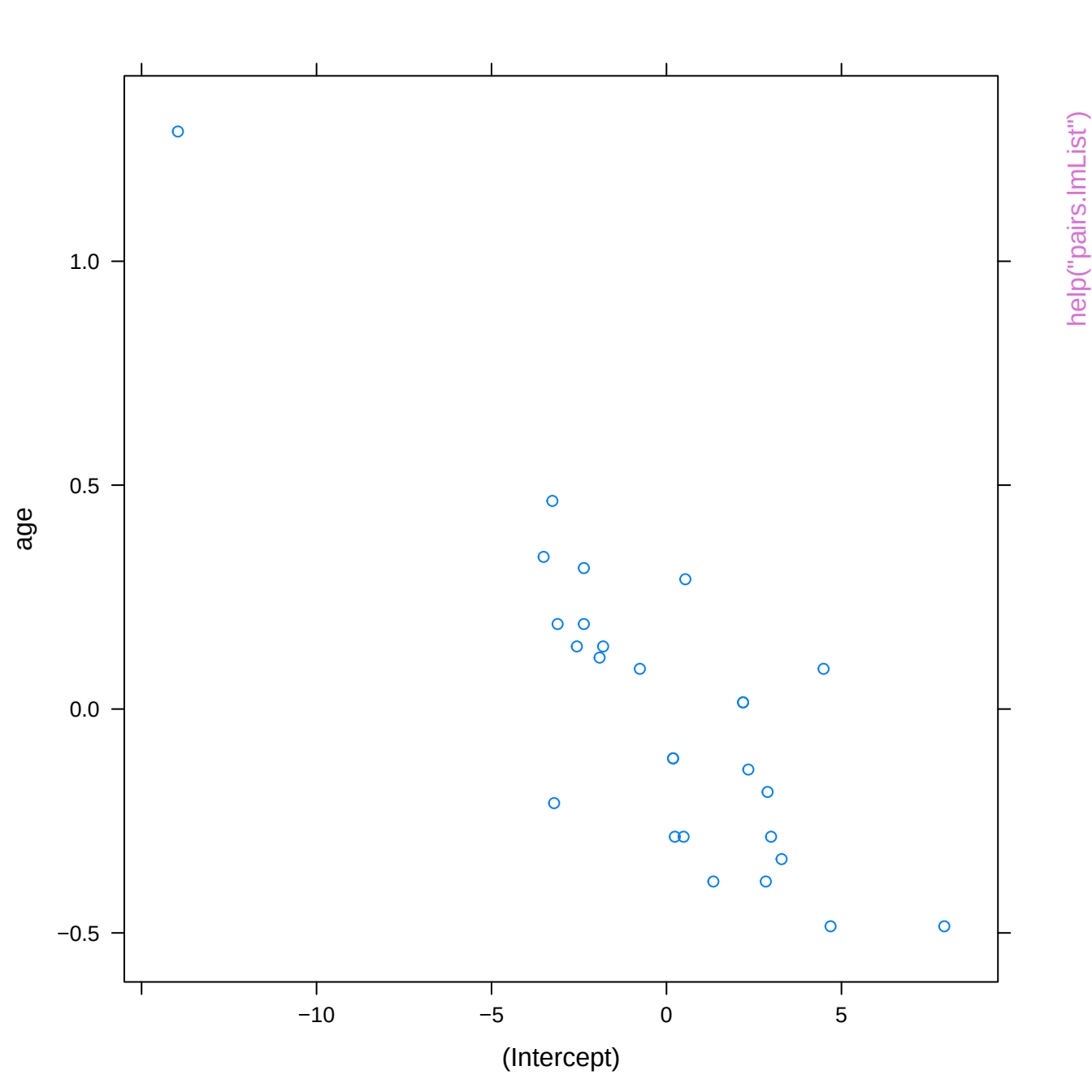

Rate
0
200
400
600
50
60
70
80
90
100
Wt
help("Remifentanil")

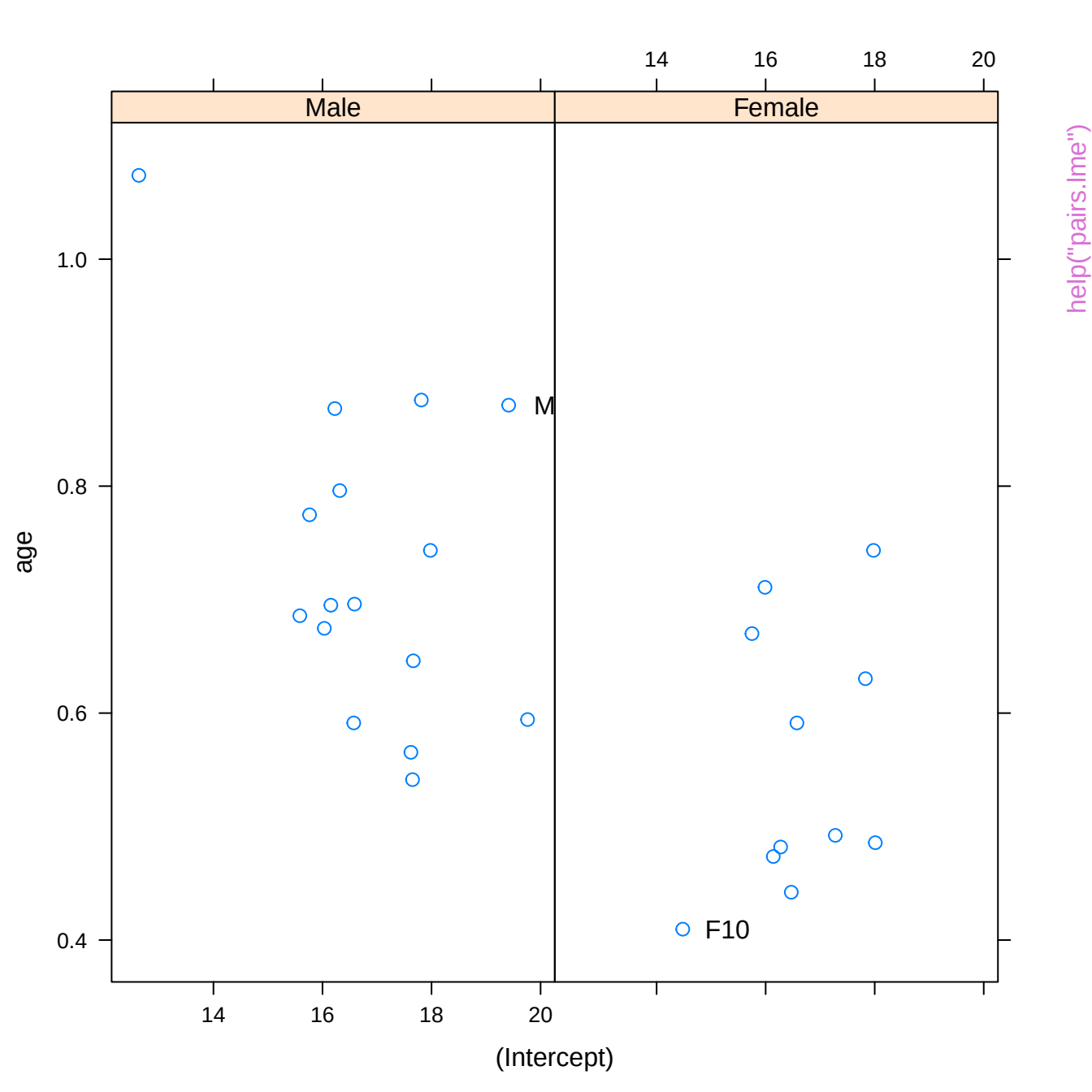


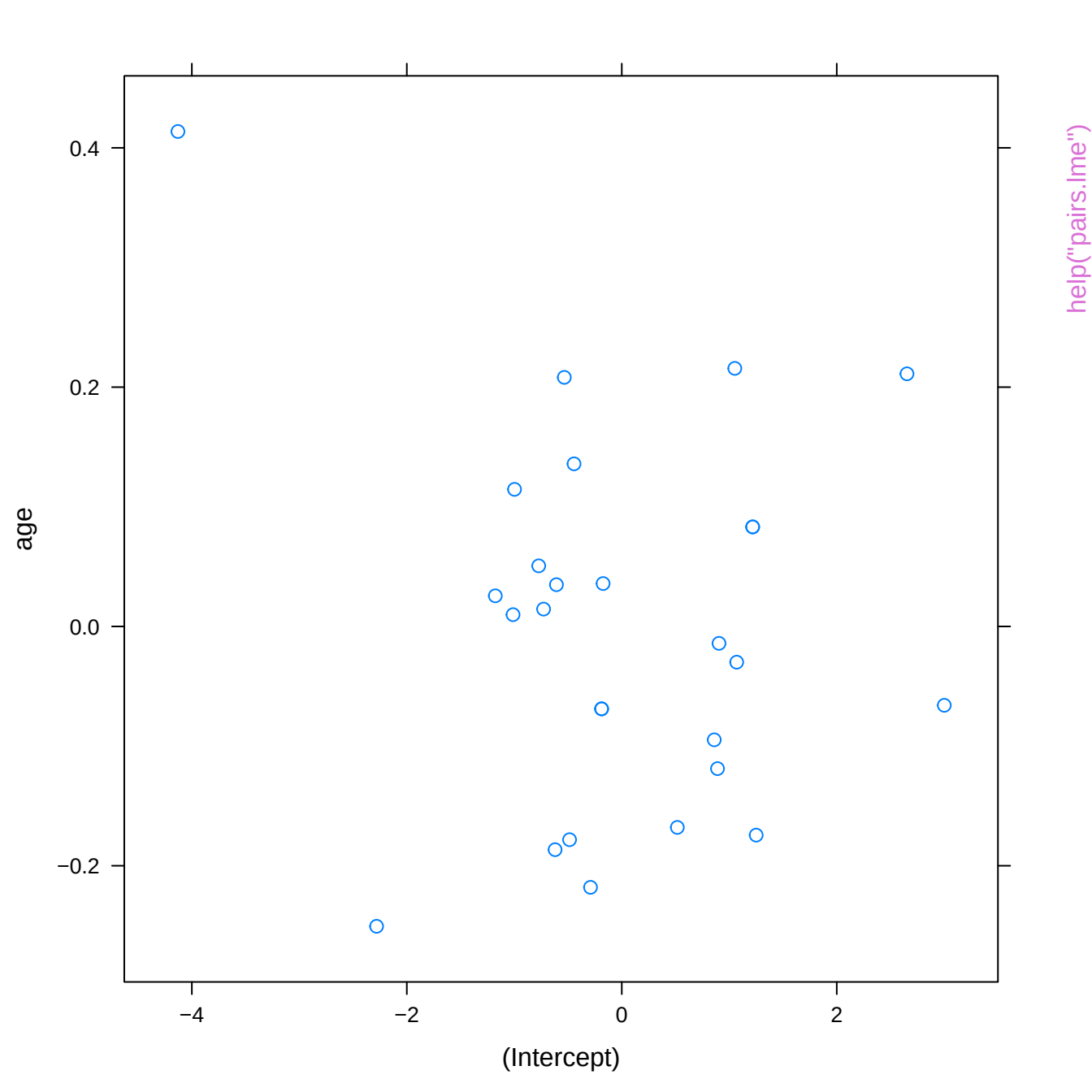
help("groupedData")

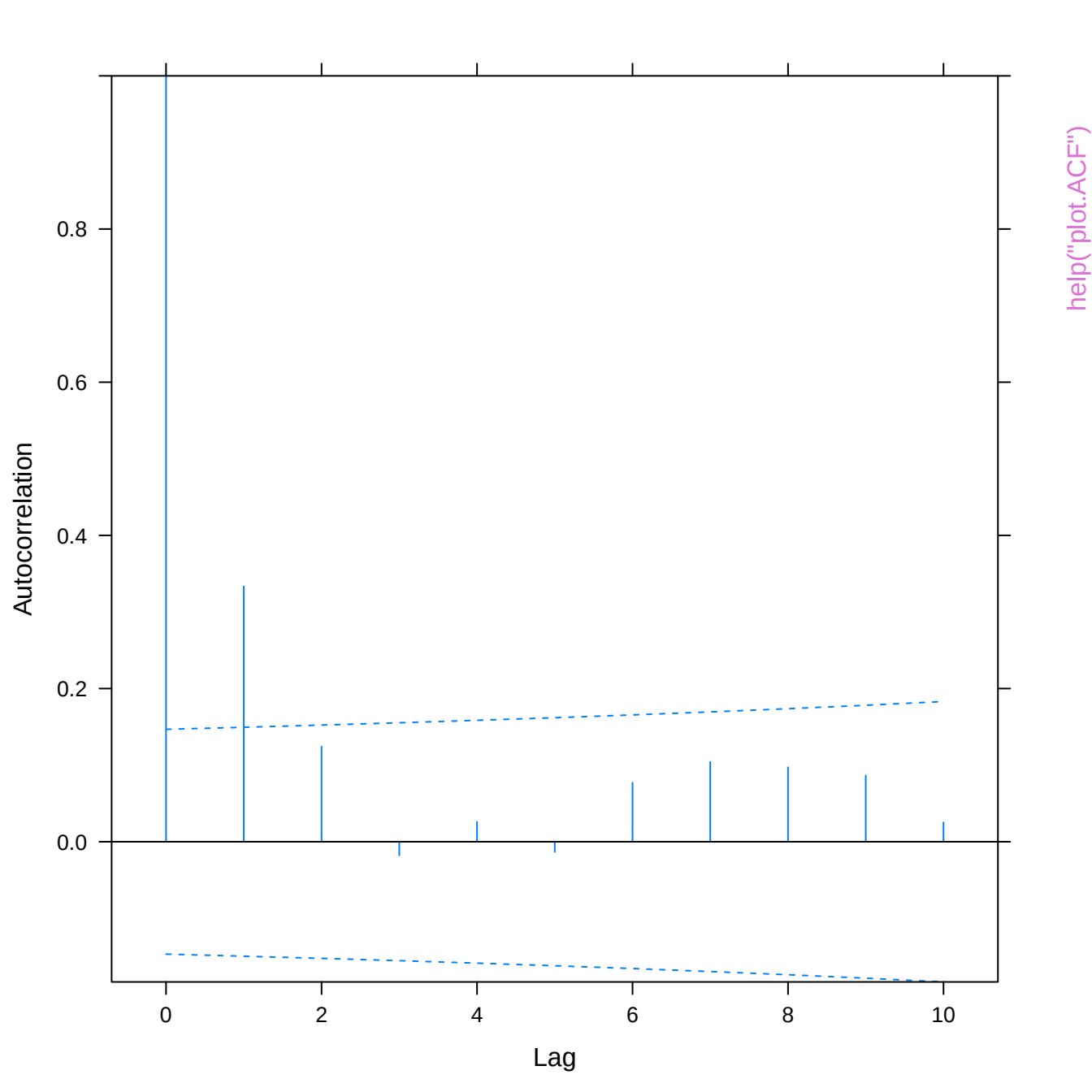

coef(fm1)
coef(fm2)
2.0
1.5
1.0
0.5
age
5
10
15
20
25
(Intercept)
help("pairs.compareFits")

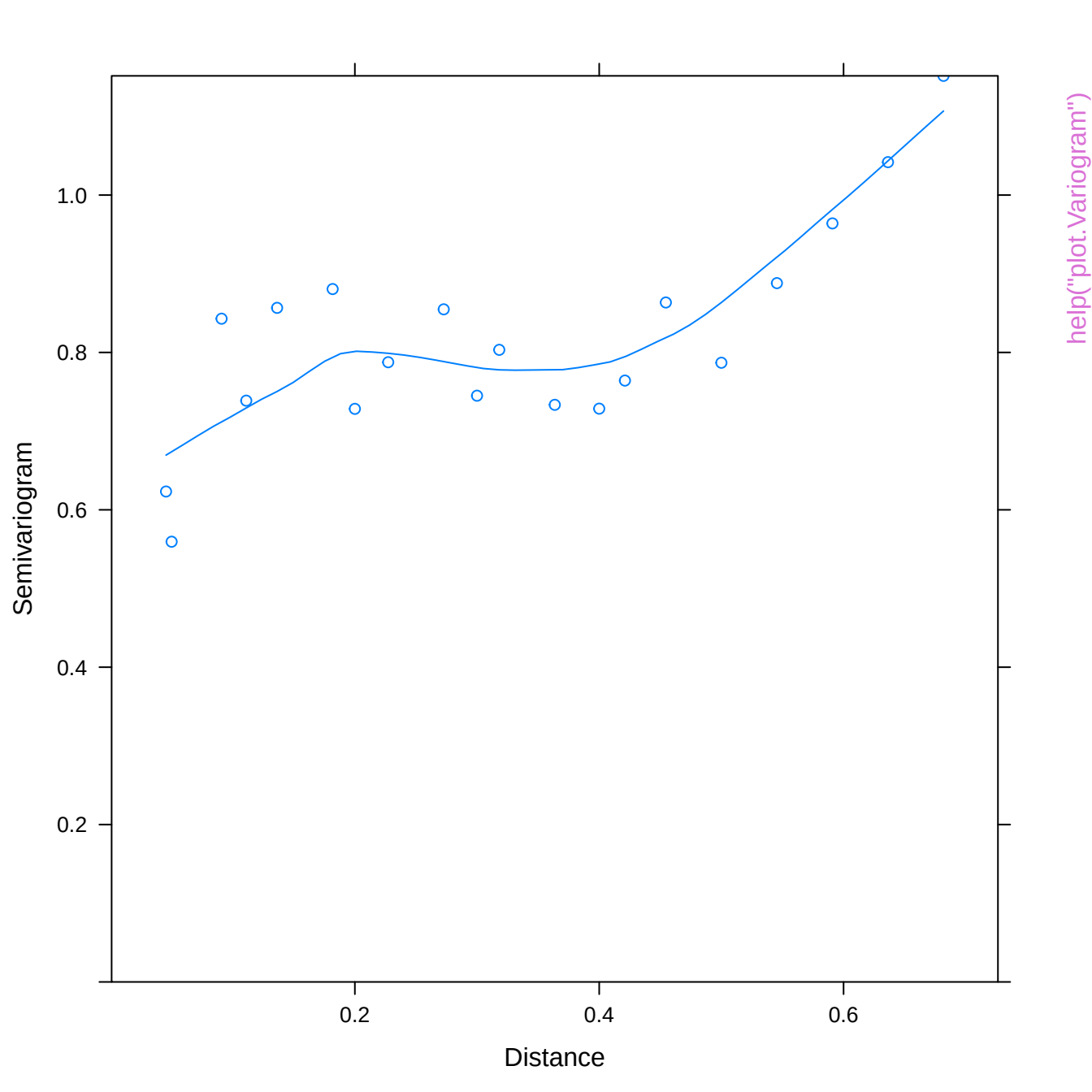

Male
Female
M13
M10
F10
age
(Intercept)
2.0
1.5
1.0
0.5
5
10
15
20
25
help("pairs.lmList")

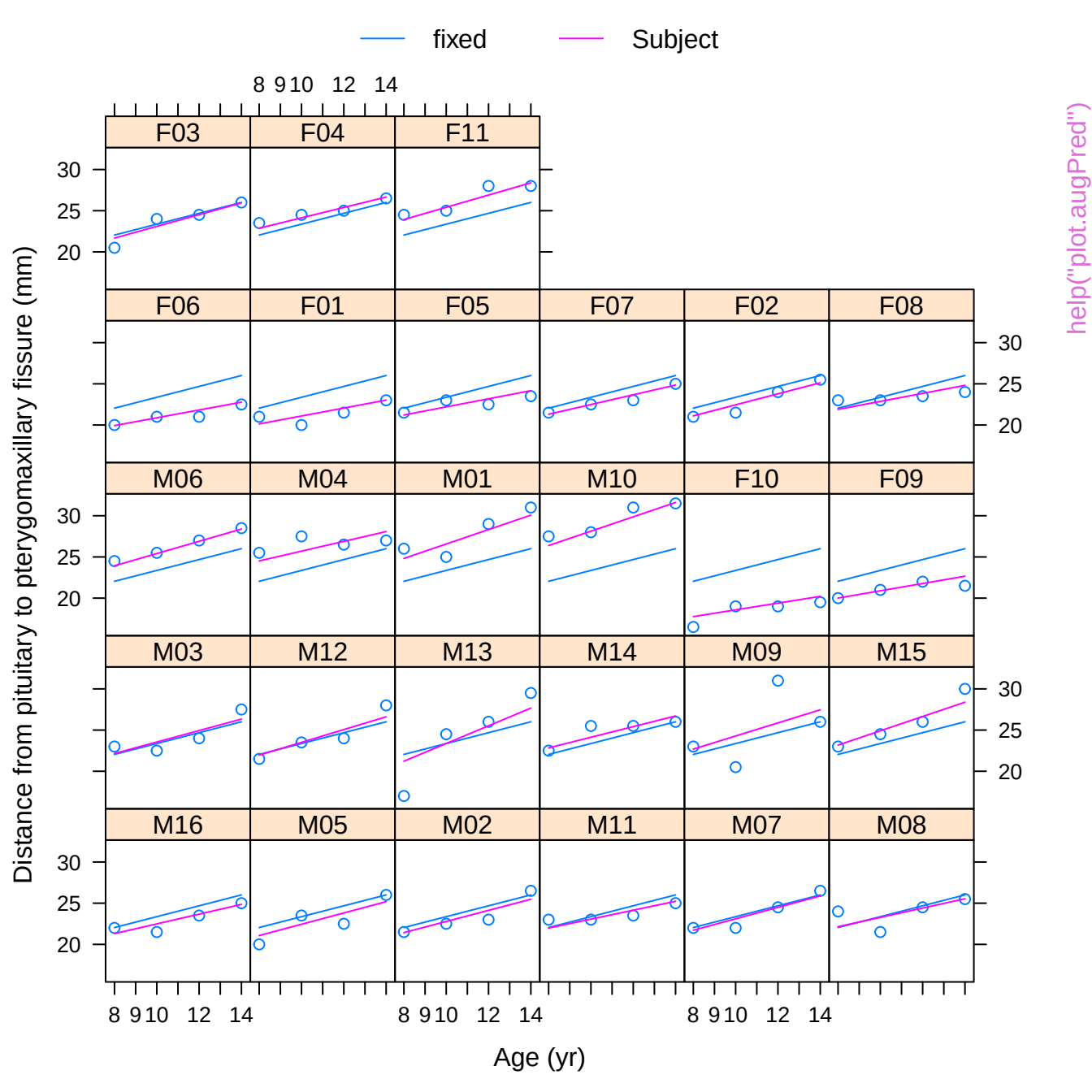

1.0
0.5
0.0
−0.5
age
−10
−5
0
5
(Intercept)
help("pairs.lmList")

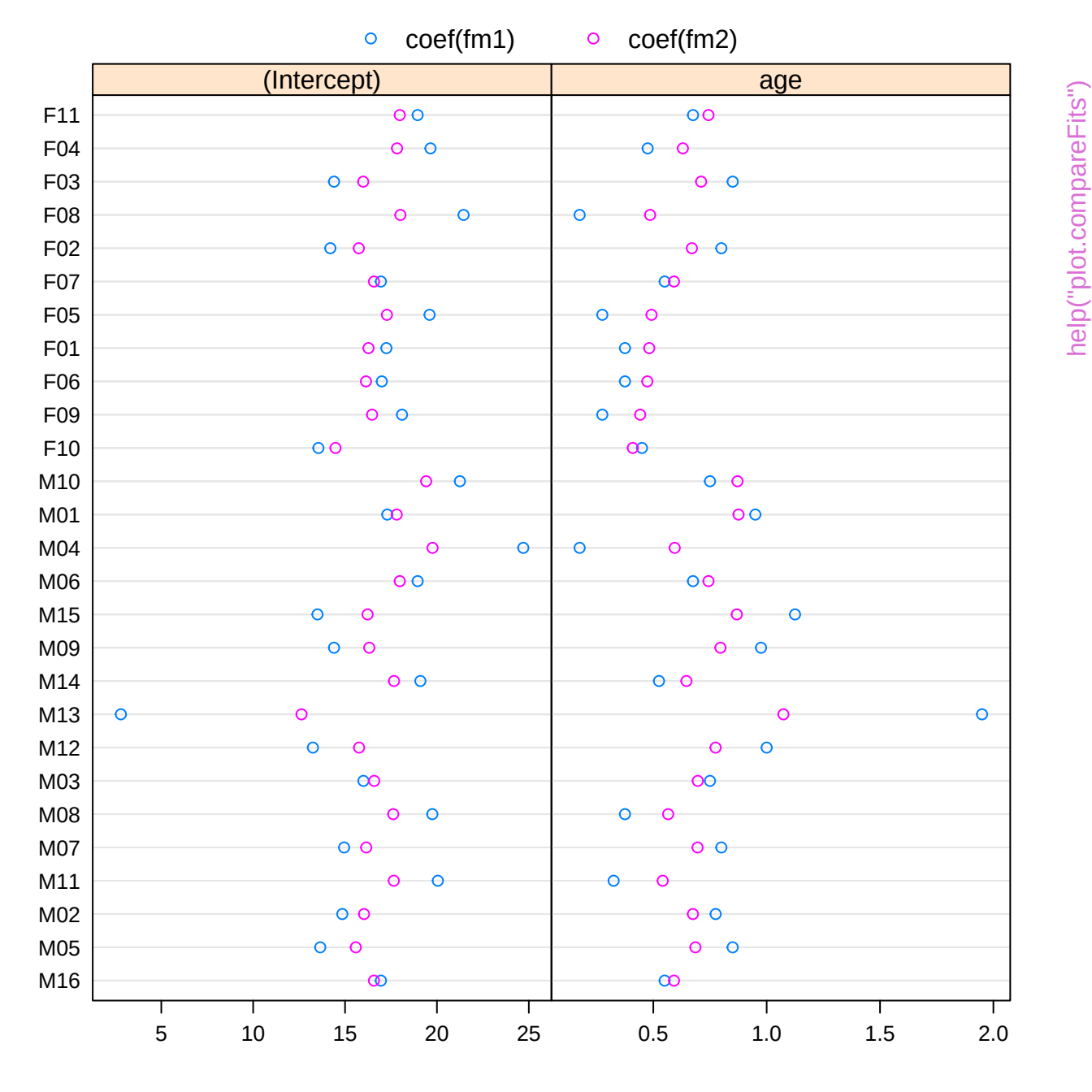

Male
Female
14
16
18
20
1.0
0.8
0.6
0.4
age
M
F10
(Intercept)
help("pairs.lme")

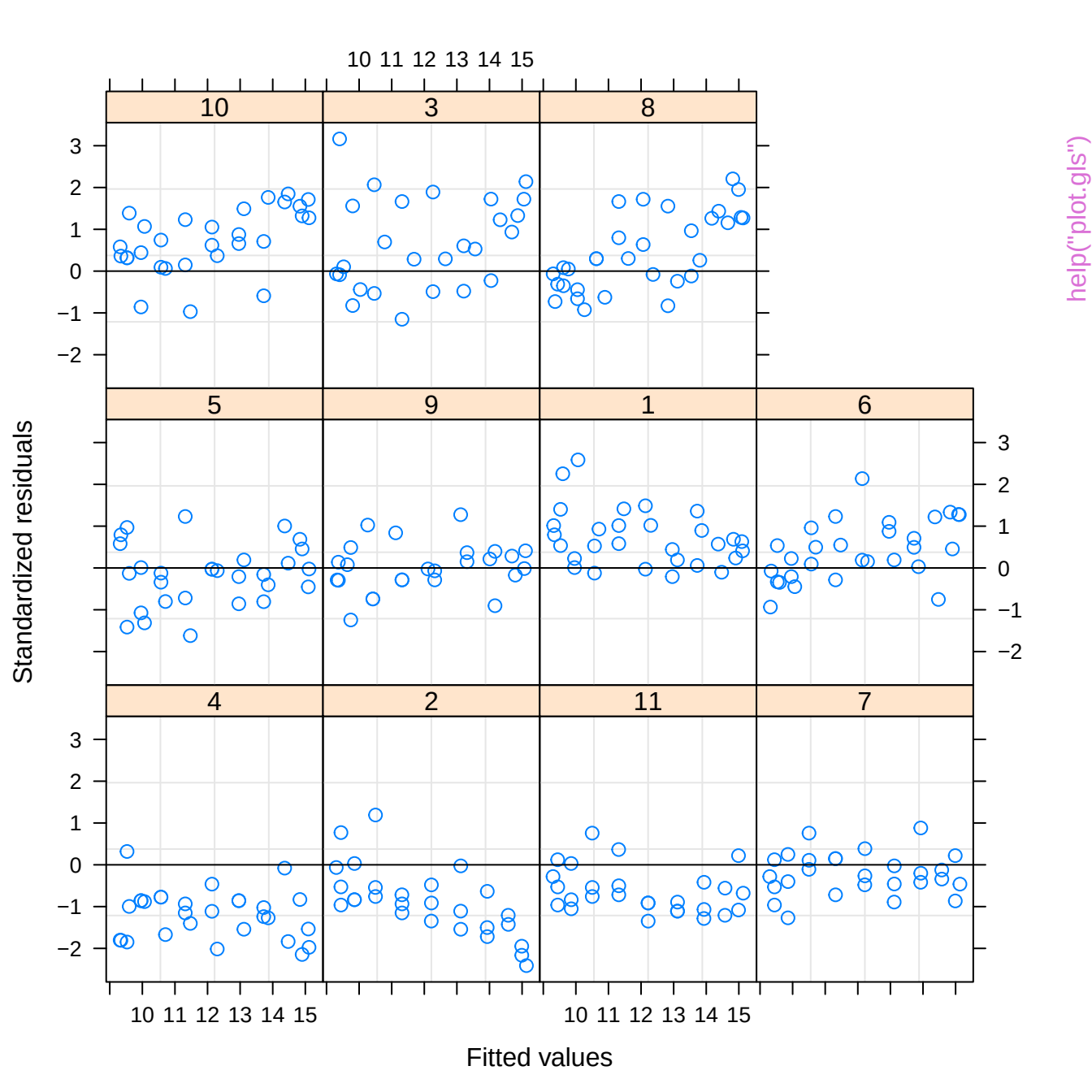

0.4
0.2
0.0
−0.2
age
−4
−2
0
2
(Intercept)
help("pairs.lme")

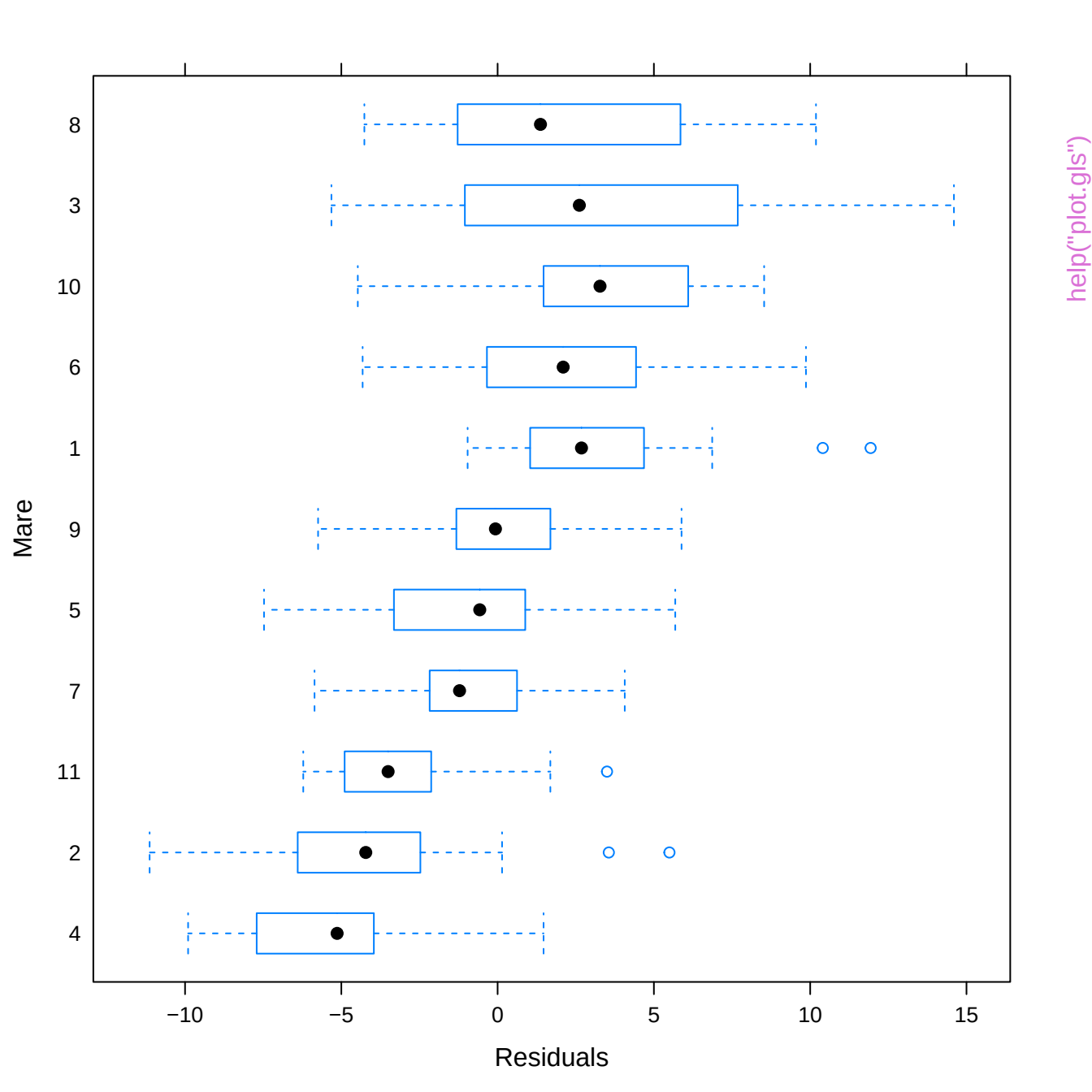

Autocorrelation
0.0
0.2
0.4
0.6
0.8
0
2
4
6
8
10
Lag
help("plot.ACF")

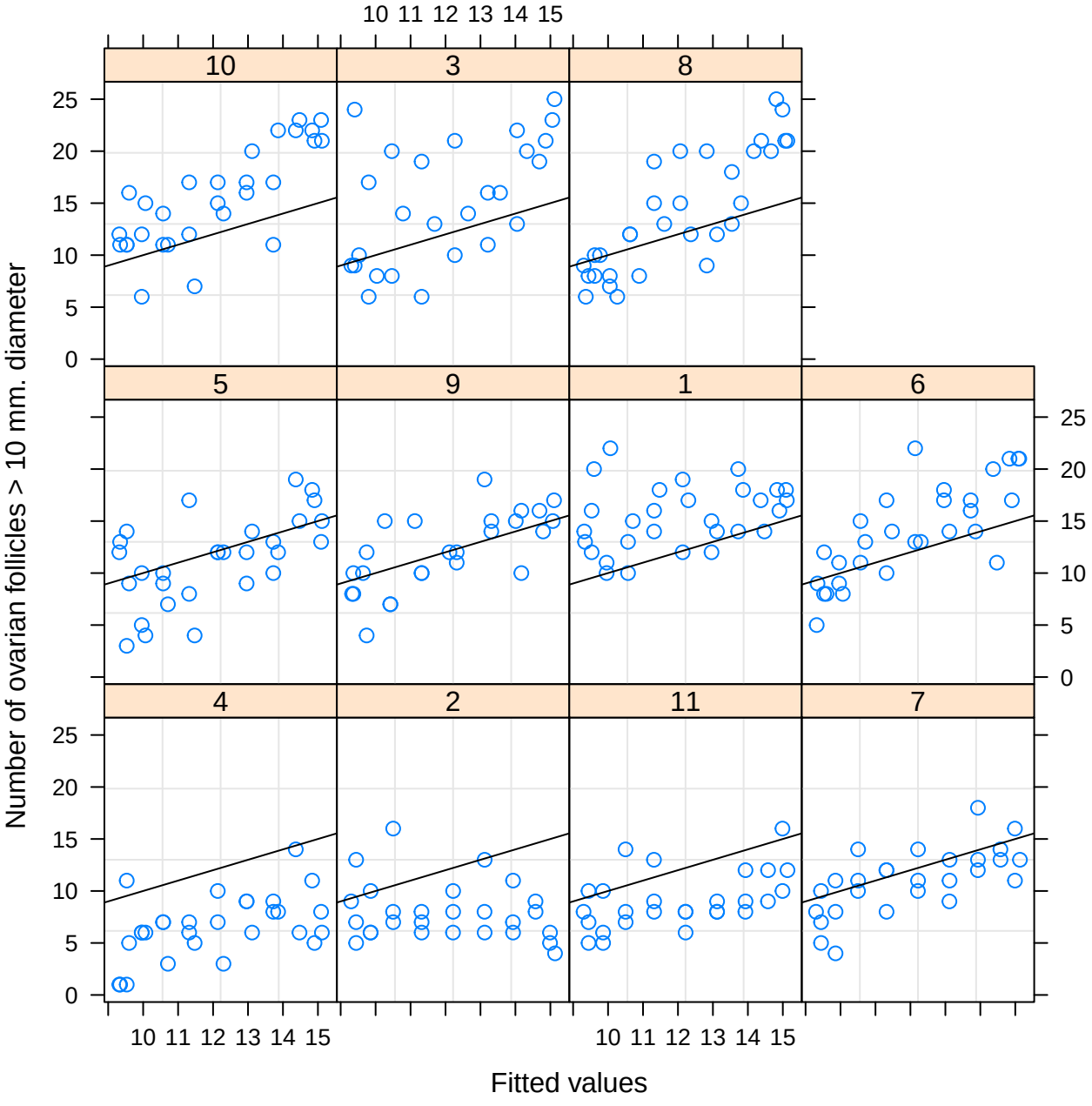

Semivariogram
1.0
0.8
0.6
0.4
0.2
0.2
0.4
0.6
Distance
help("plot.Variogram")

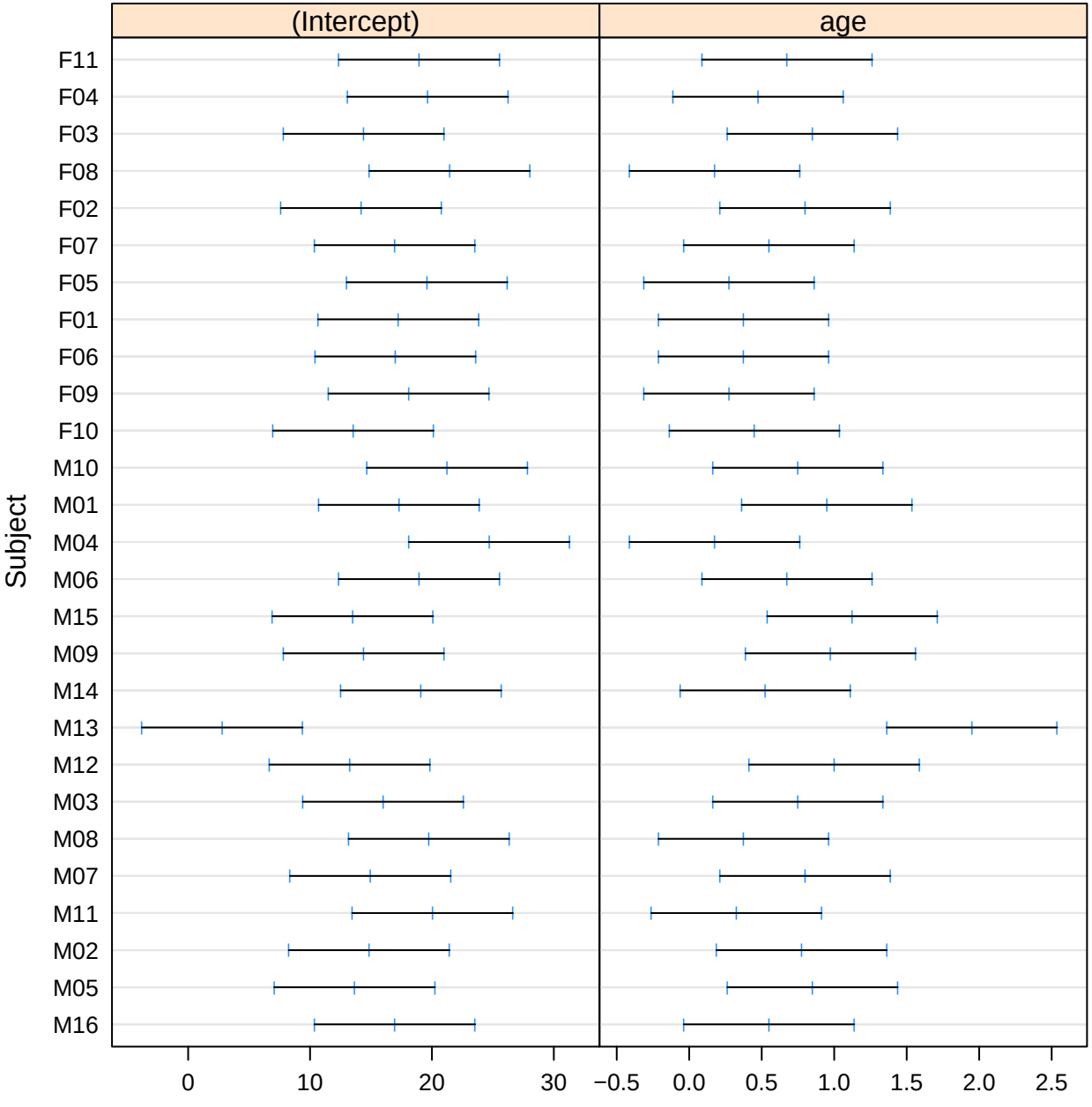

fixed
Subject
F03
F04
F11
F06
F01
F05
F07
F02
F08
M06
M04
M01
M10
F10
F09
M03
M12
M13
M14
M09
M15
M16
M05
M02
M11
M07
M08
8 9 10 12 14
20
25
30
Distance from pituitary to pterygomaxillary fissure (mm)
Age (yr)
help("plot.augPred")


coef(fm1)
coef(fm2)
(Intercept)
age
F11
F04
F03
F08
F02
F07
F05
F01
F06
F09
F10
M10
M01
M04
M06
M15
M09
M14
M13
M12
M03
M08
M07
M11
M02
M05
M16
5
10
15
20
25
0.5
1.0
1.5
2.0
help("plot.compareFits")

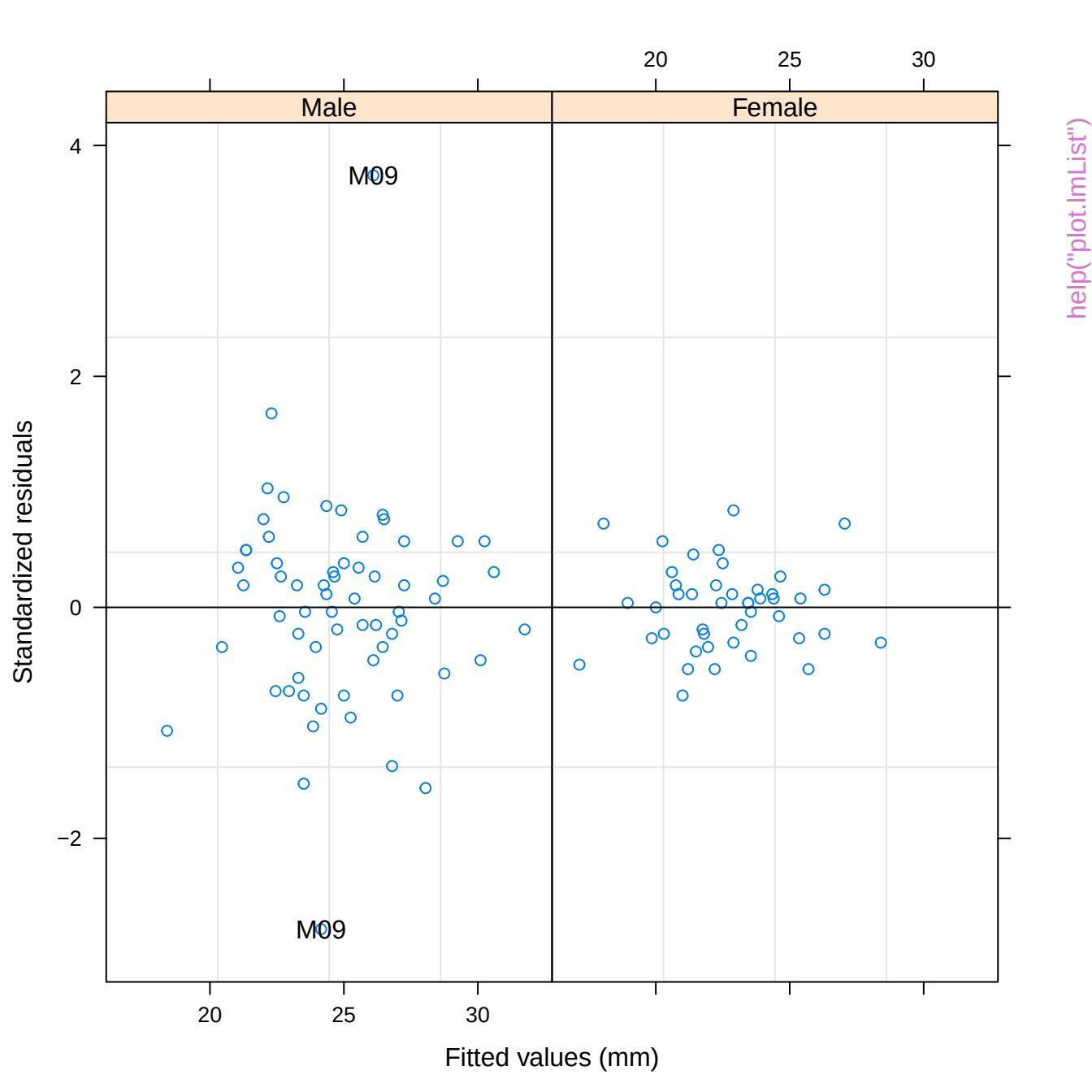

10 11 12 13 14 15
10
3
8
5
9
1
6
4
2
11
7
3
2
1
0
−1
−2
Standardized residuals
10 11 12 13 14 15
Fitted values
help("plot.gls")

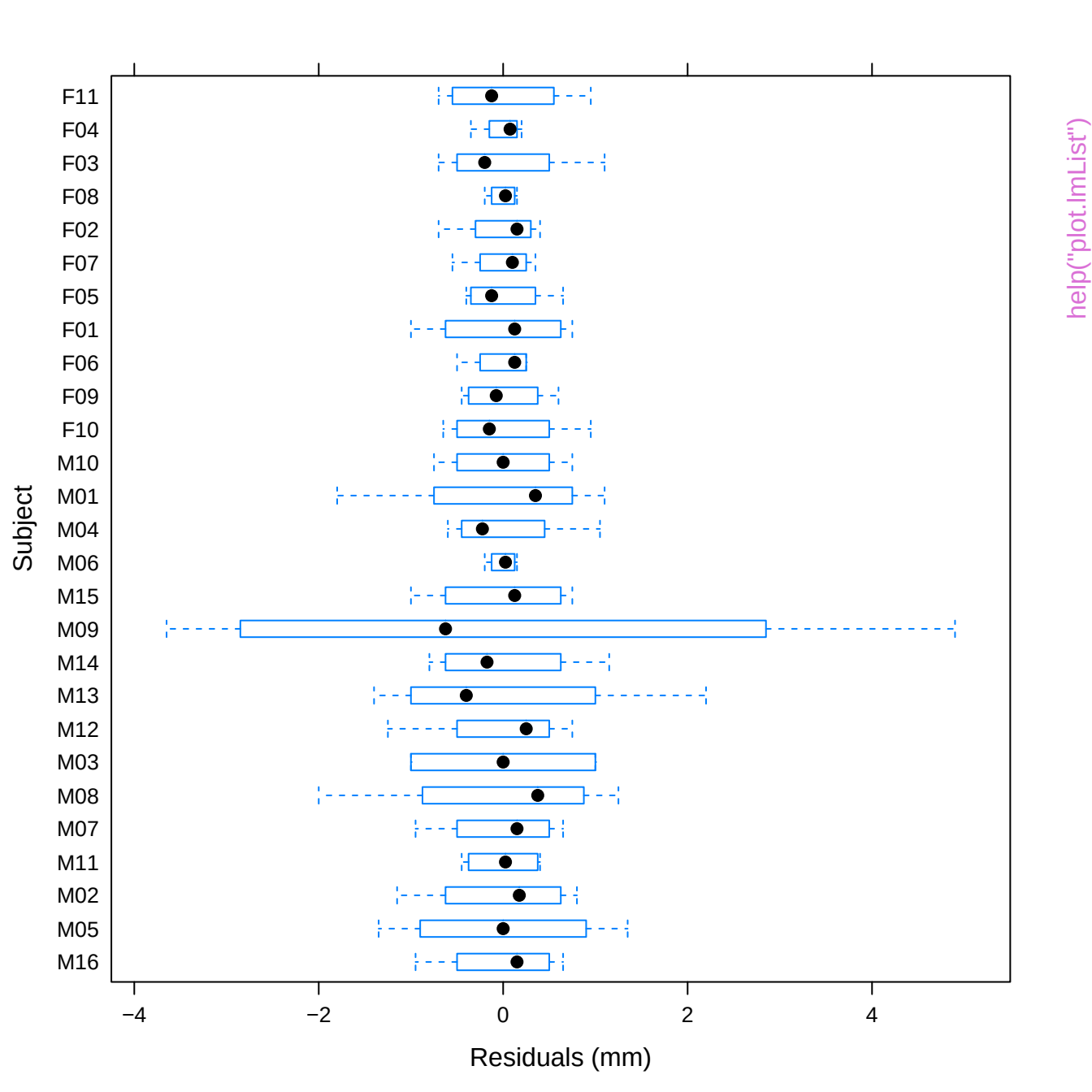

help("plot.gls")
Mare
8
3
10
6
1
9
5
7
11
2
4
−10
−5
0
5
10
15
Residuals

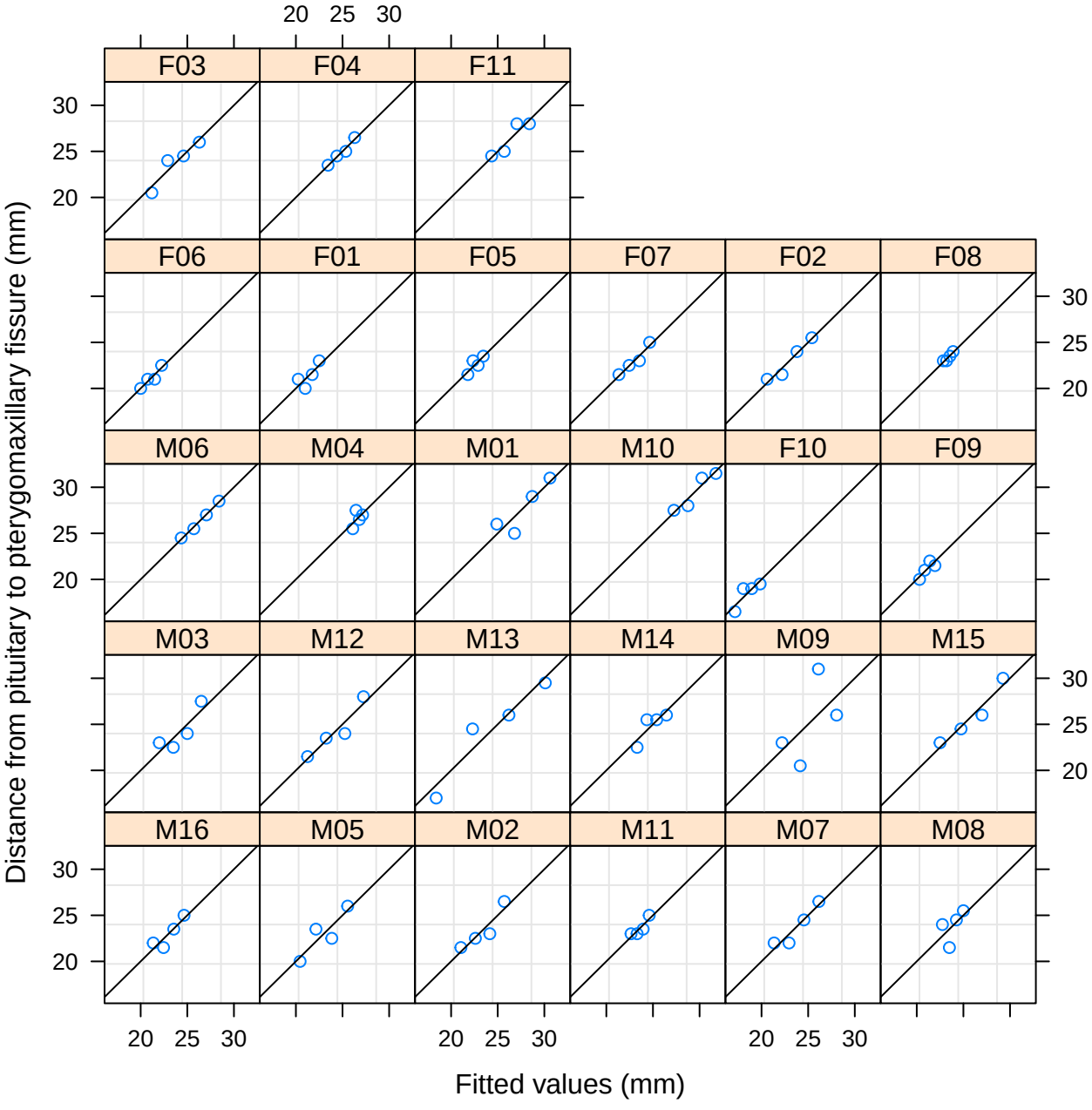

10 11 12 13 14 15
10
3
8
5
9
1
6
4
2
11
7
0 5 10 15 20 25
Number of ovarian follicles > 10 mm. diameter
Fitted values
help("plot.gls")



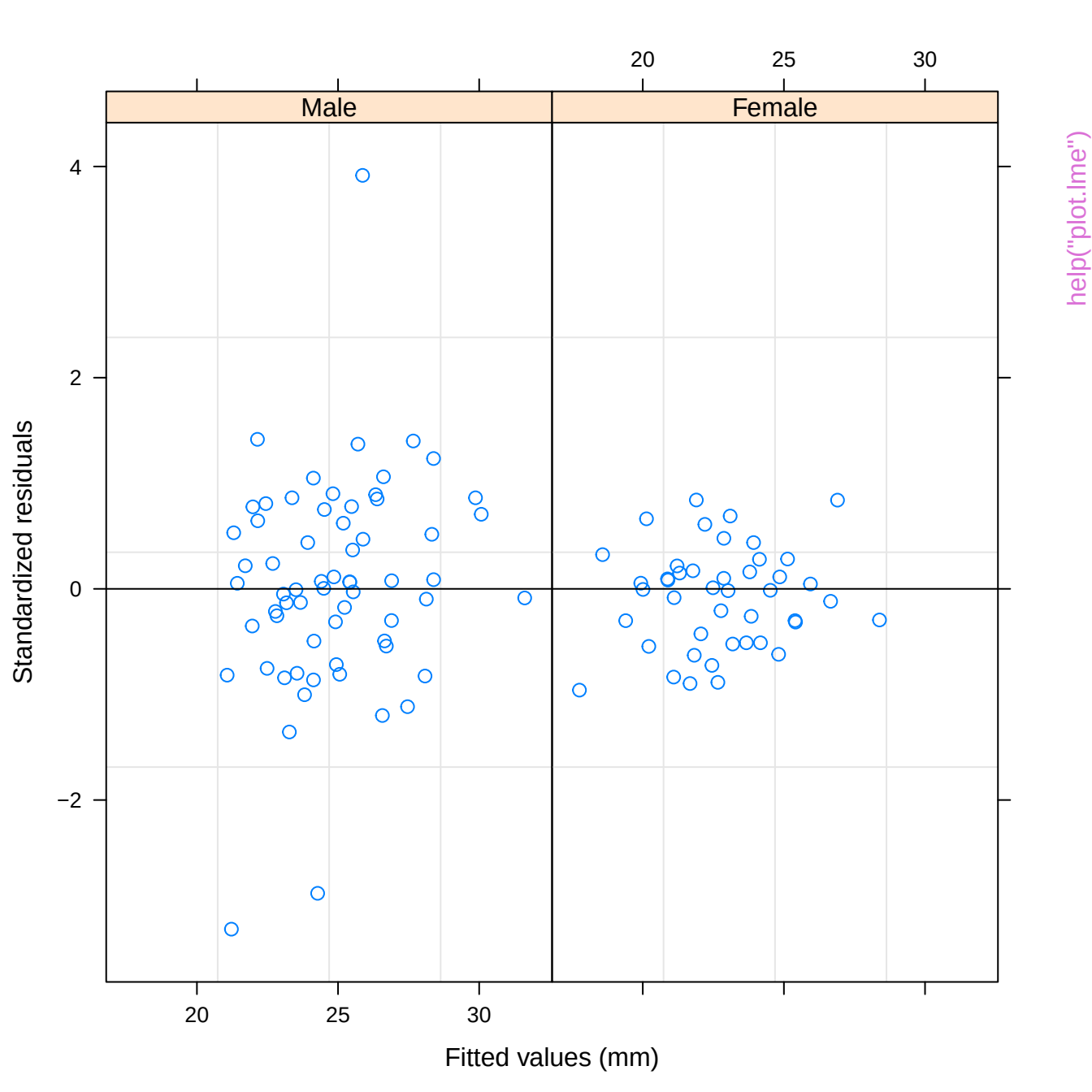
help("plot.intervals.lmList")

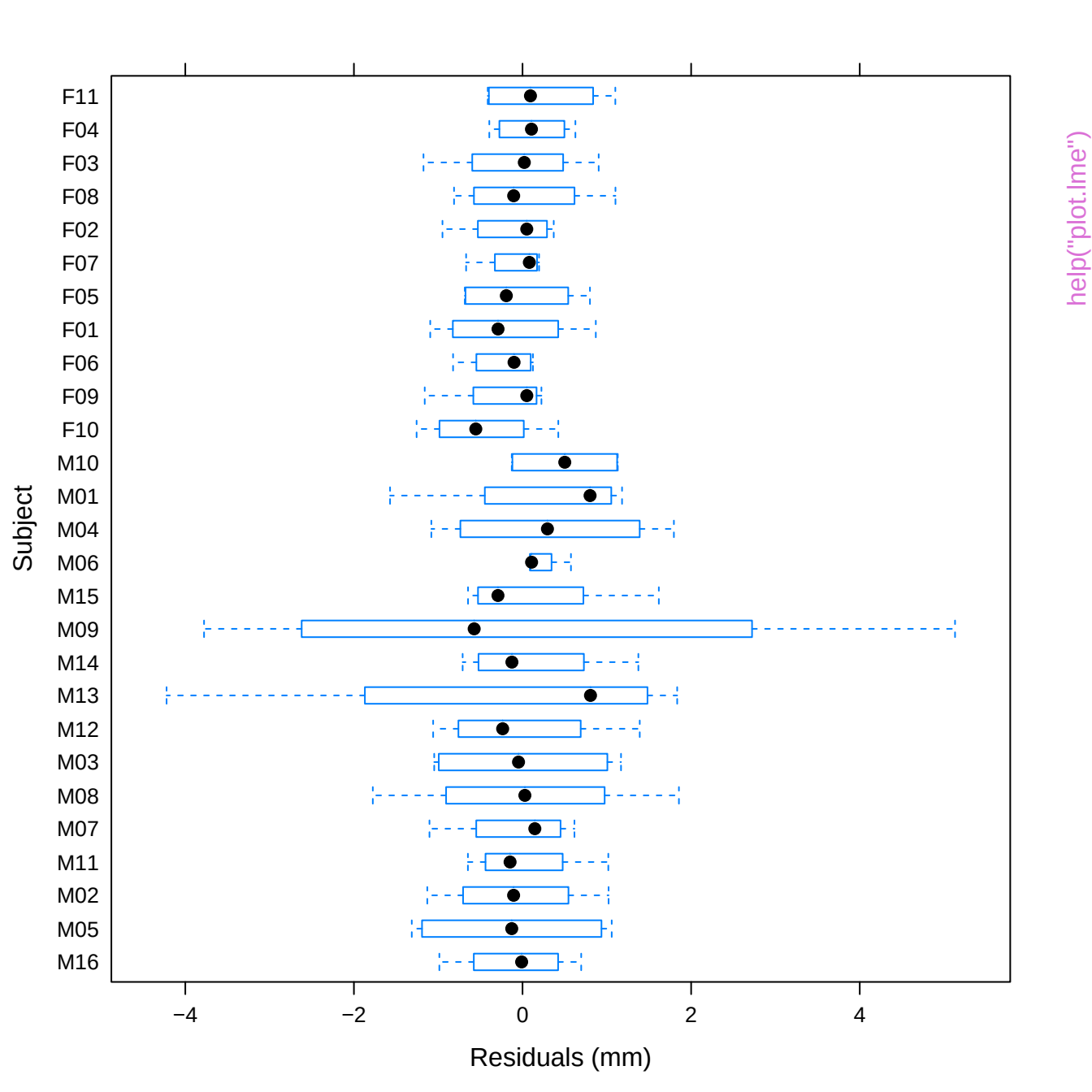

Male
Female
M09
M09
Standardized residuals
Fitted values (mm)
20
25
30
4
2
0
−2
help("plot.lmList")

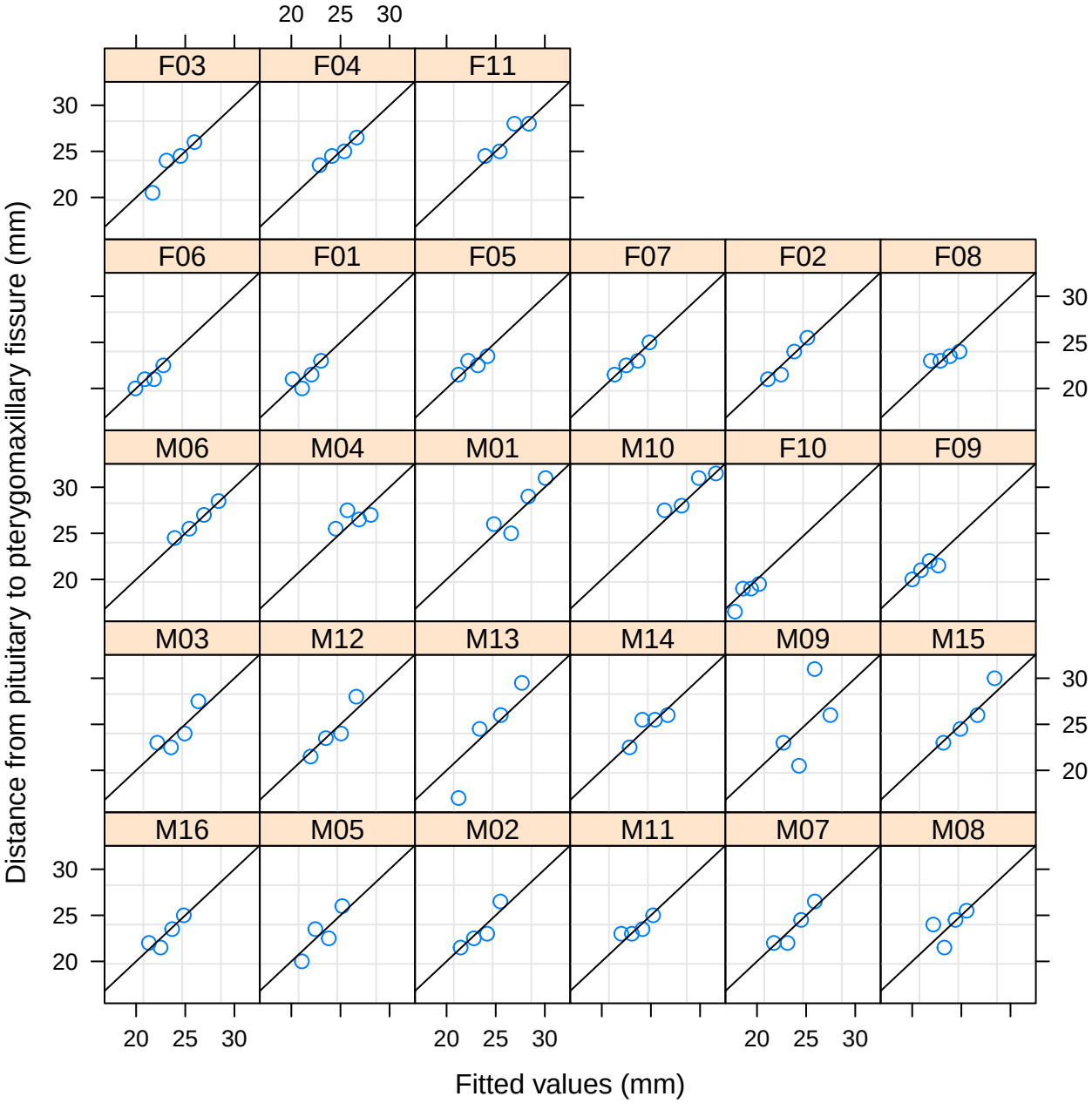

F11
F04
F03
F08
F02
F07
F05
F01
F06
F09
F10
M10
M01
M04
M06
M15
M09
M14
M13
M12
M03
M08
M07
M11
M02
M05
M16
Subject
−4
−2
0
2
4
Residuals (mm)
help("plot.lmList")



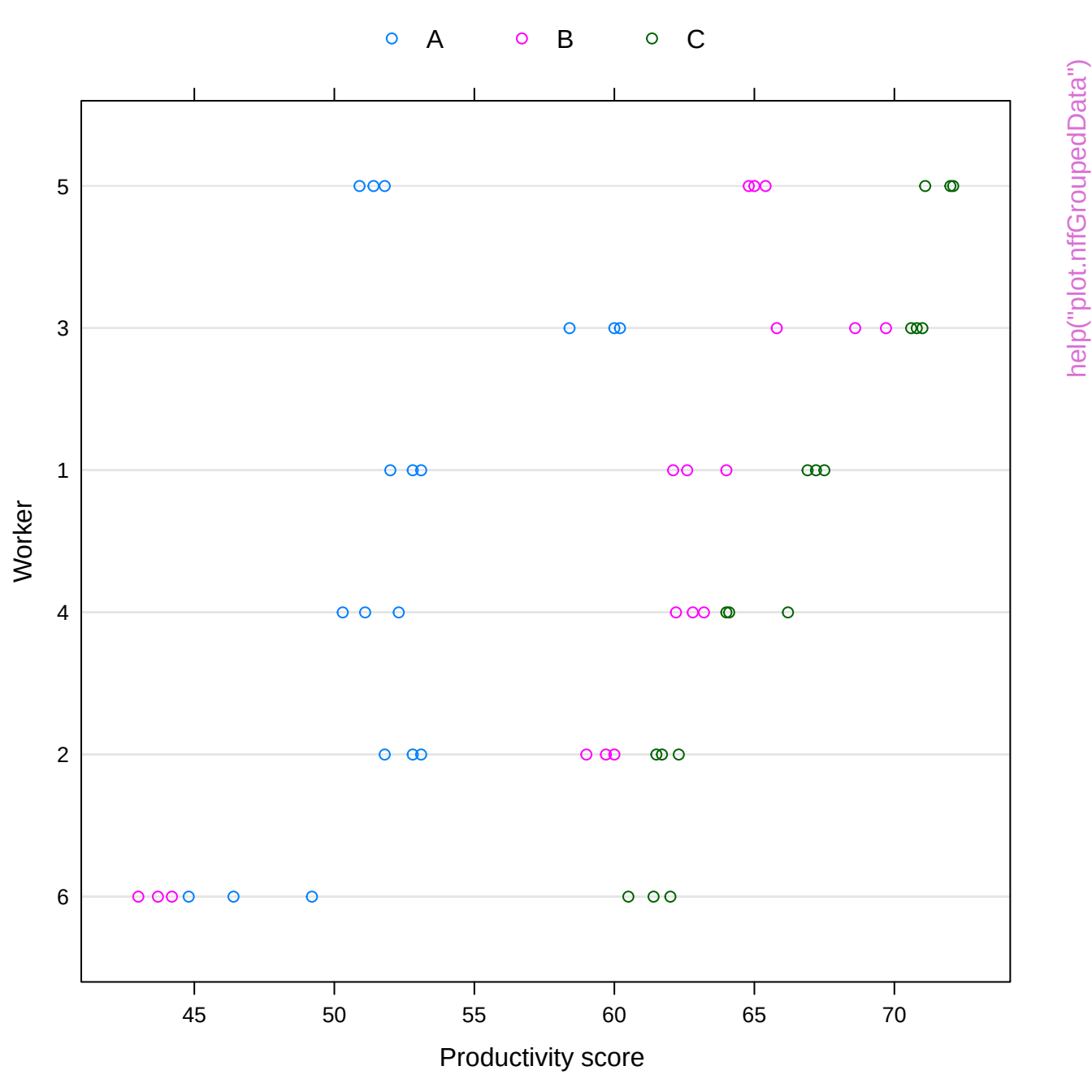
help("plot.lmList")

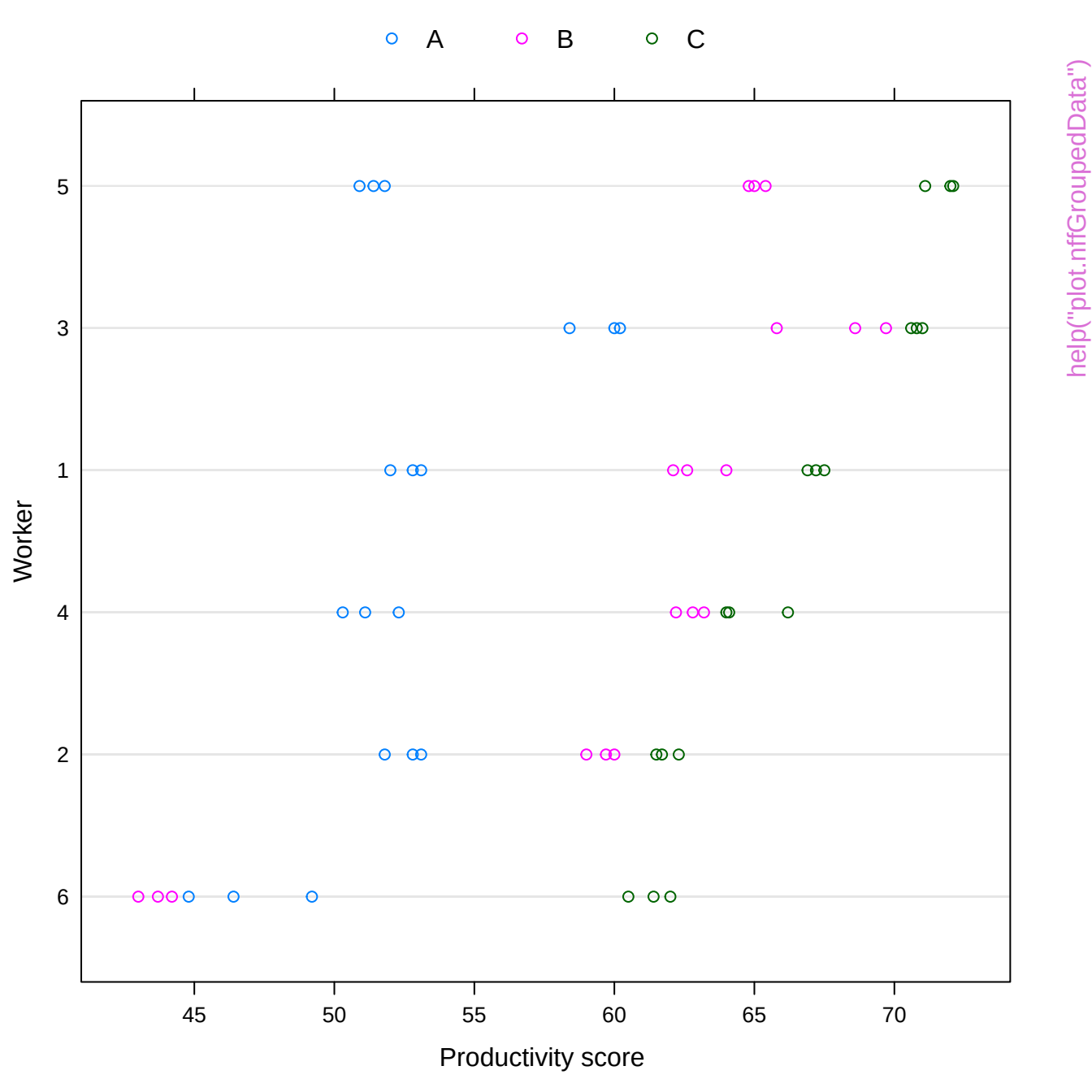

Male
Female
20
25
30
4
2
0
−2
Standardized residuals
Fitted values (mm)
help("plot.lme")

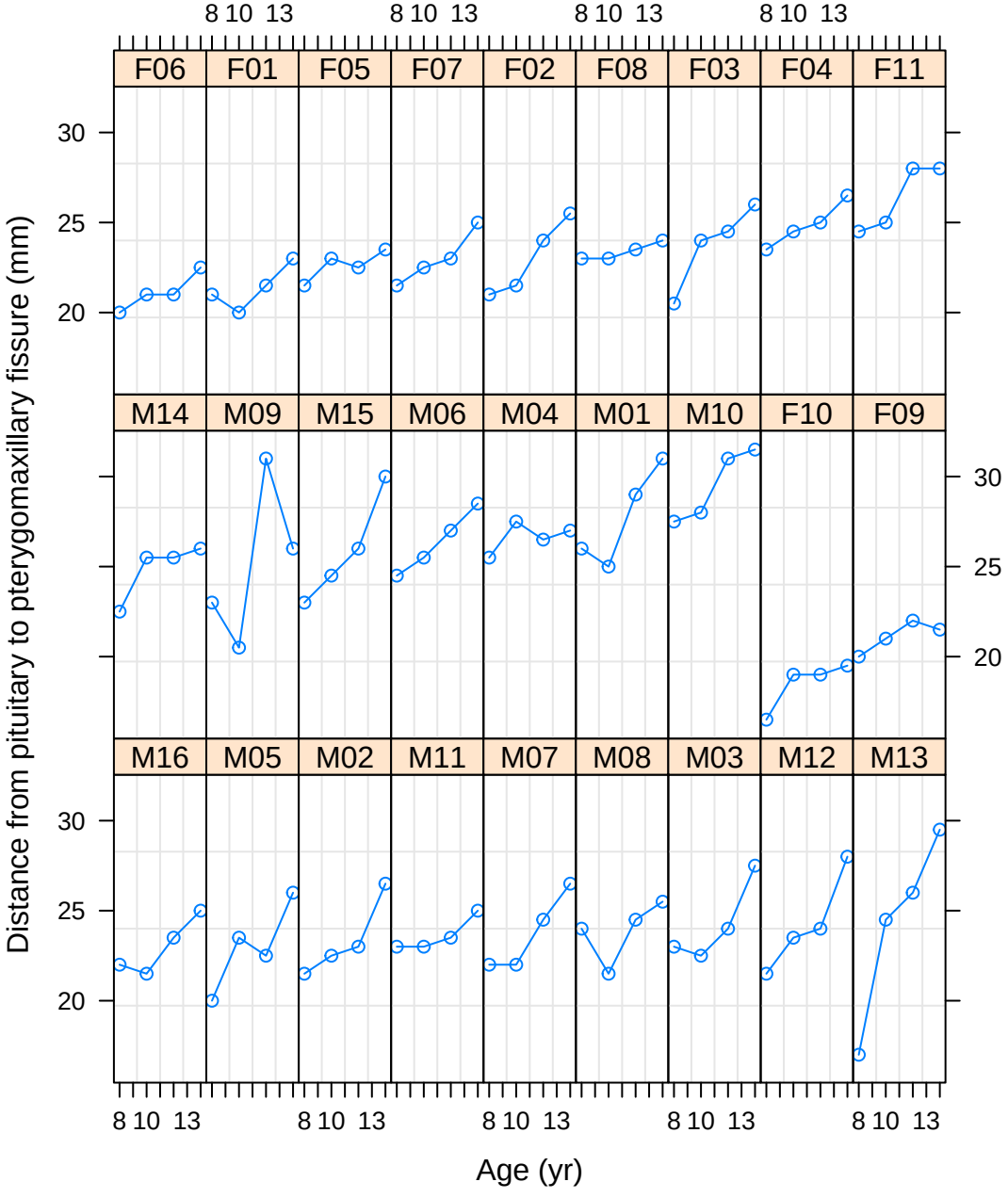

F11
F04
F03
F08
F02
F07
F05
F01
F06
F09
F10
M10
M01
M04
M06
M15
M09
M14
M13
M12
M03
M08
M07
M11
M02
M05
M16
Subject
−4
−2
0
2
4
Residuals (mm)
help("plot.lme")



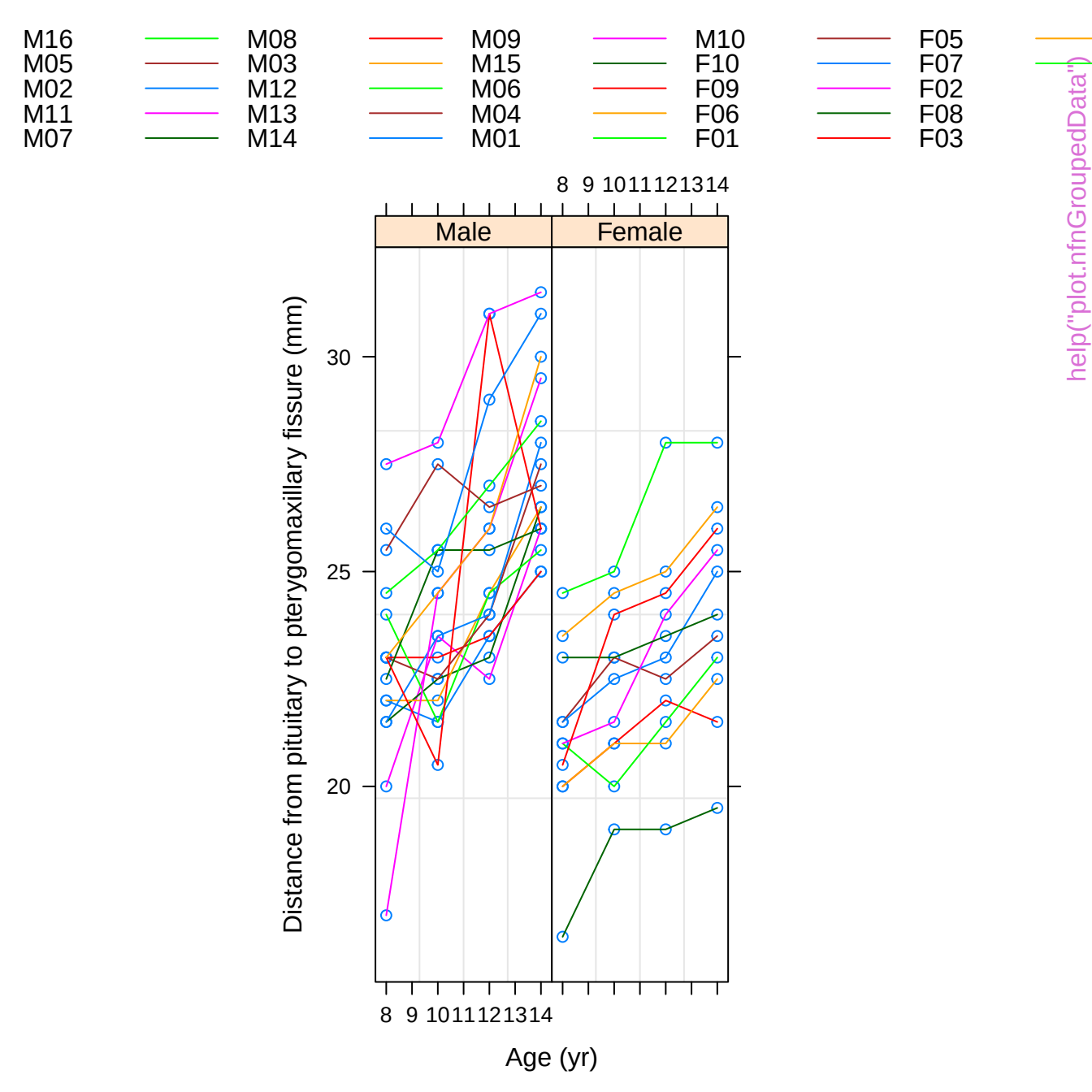
help("plot.lme")

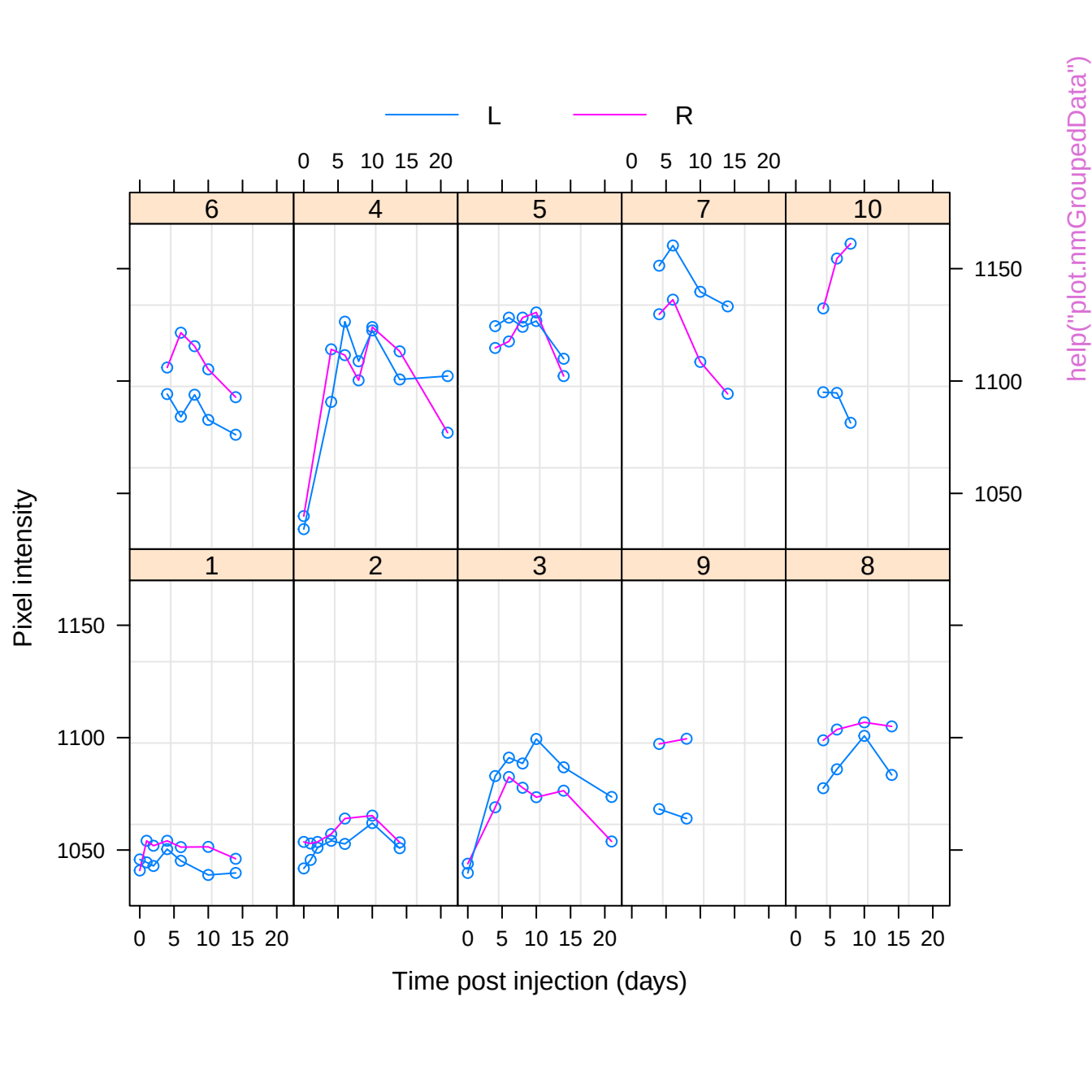

A
B
C
Worker
5
3
1
4
2
6
45
50
55
60
65
70
Productivity score
help("plot.nffGroupedData")

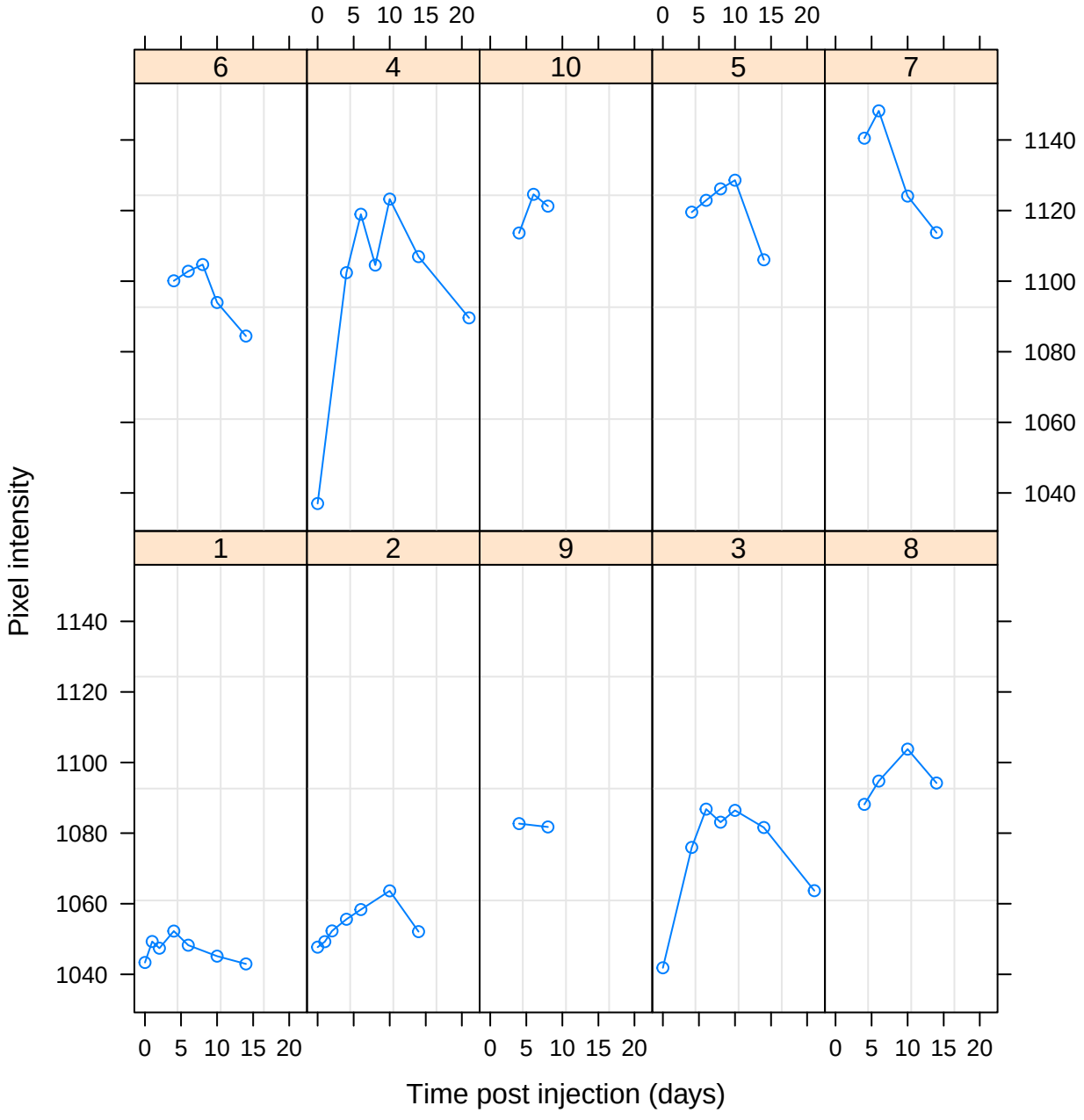

A
B
C
Worker
5
3
1
4
2
6
45
50
55
60
65
70
Productivity score
help("plot.nffGroupedData")



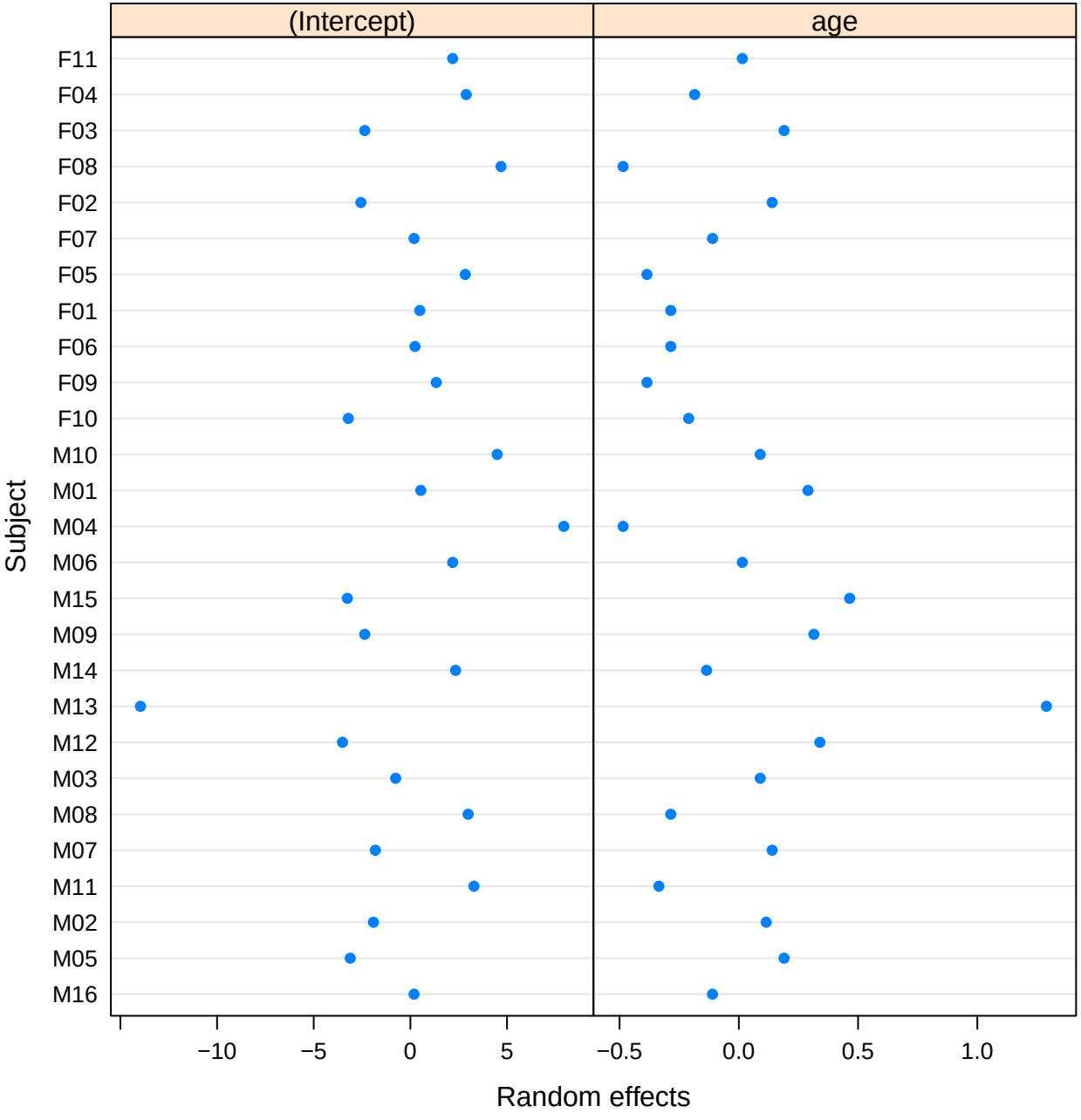
help("plot.nfnGroupedData")

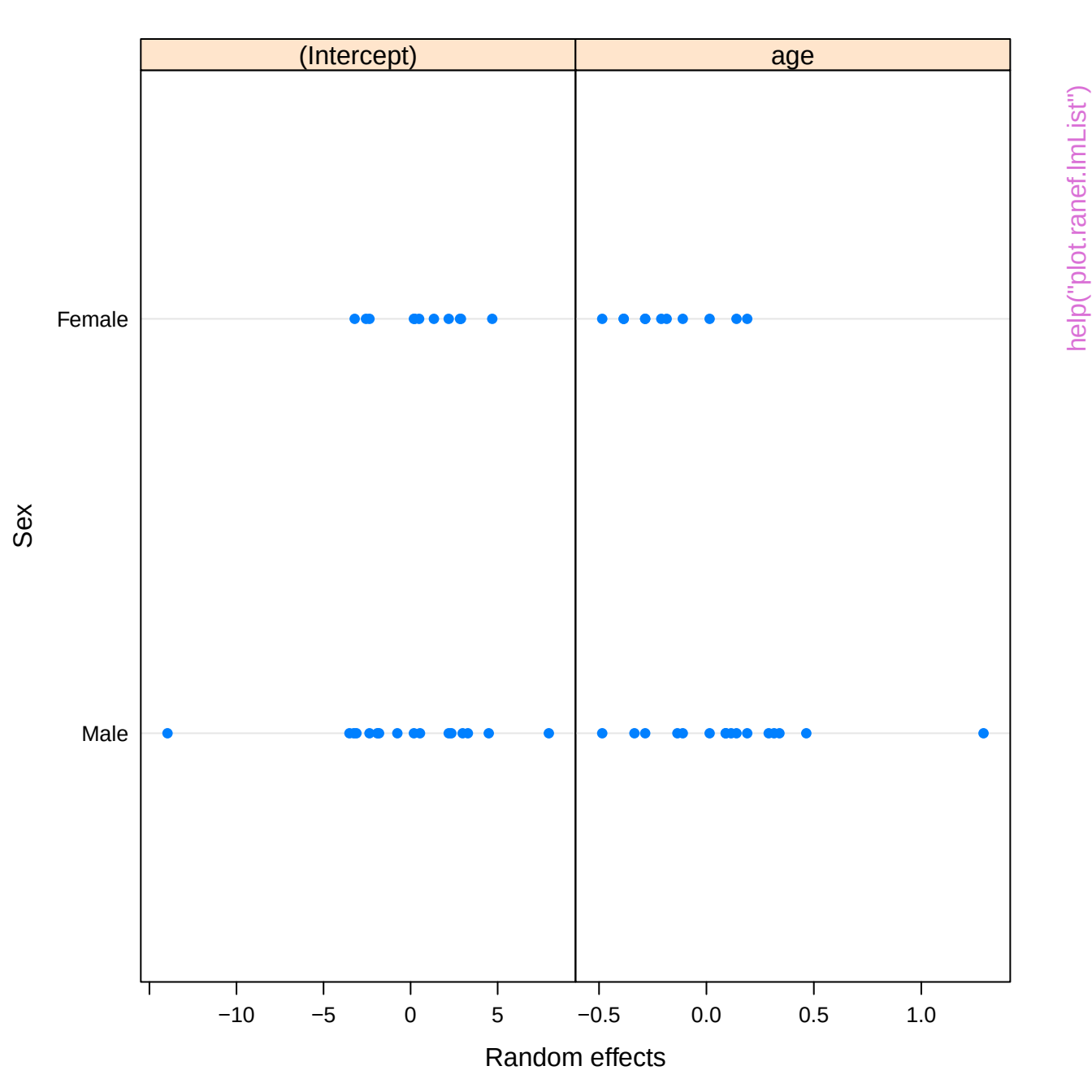

M16
M05
M02
M11
M07
M08
M03
M12
M13
M14
M09
M15
M06
M04
M01
M10
F10
F09
F06
F01
F05
F07
F02
F08
F03
help("plot.nfnGroupedData")
Male
Female
8 9 10 11 12 13 14
30
25
20
Distance from pituitary to pterygomaxillary fissure (mm)
Age (yr)

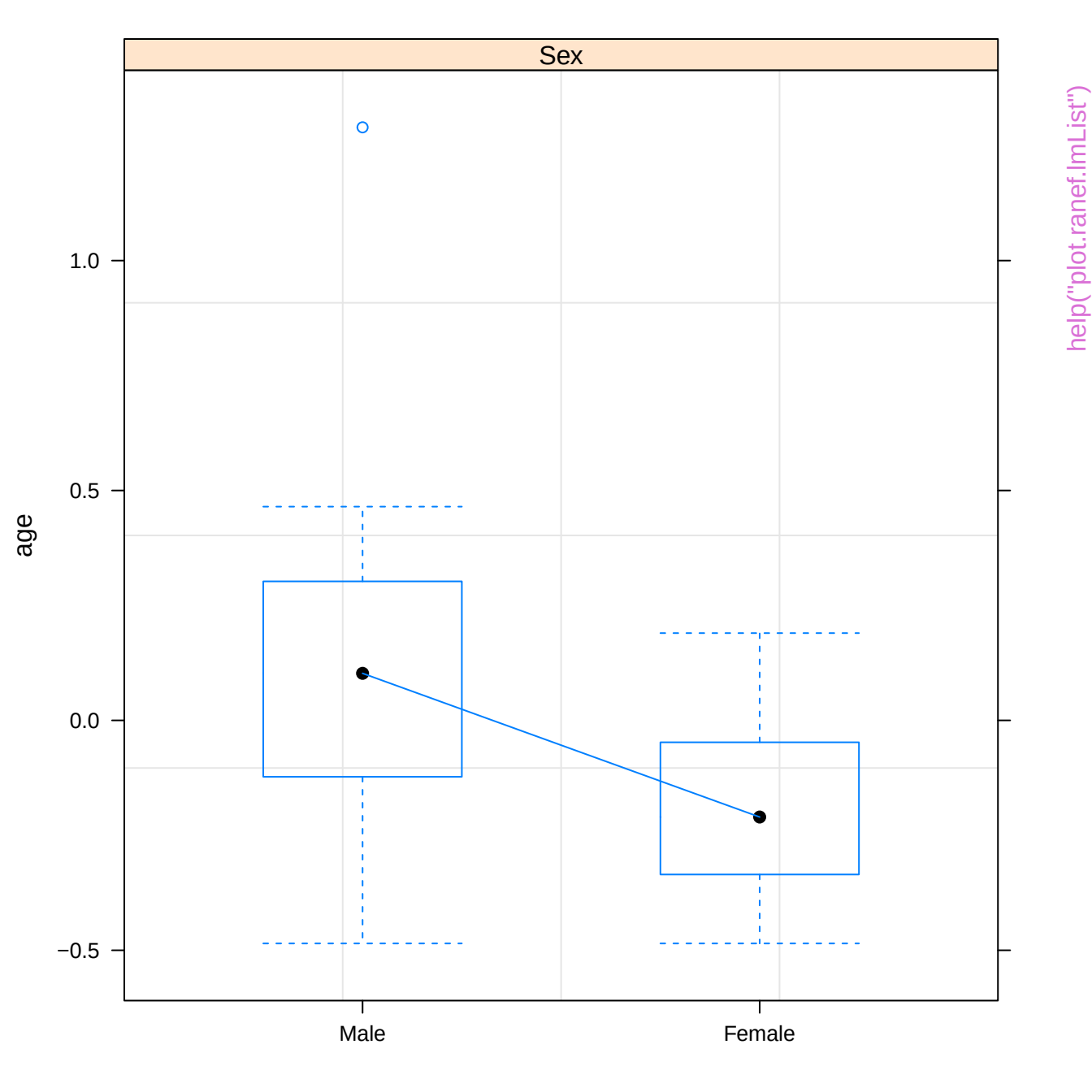

L
R
6
4
5
7
10
1
2
3
9
8
0 5 10 15 20
1150
1100
1050
Pixel intensity
Time post injection (days)
help("plot.nmGroupedData")

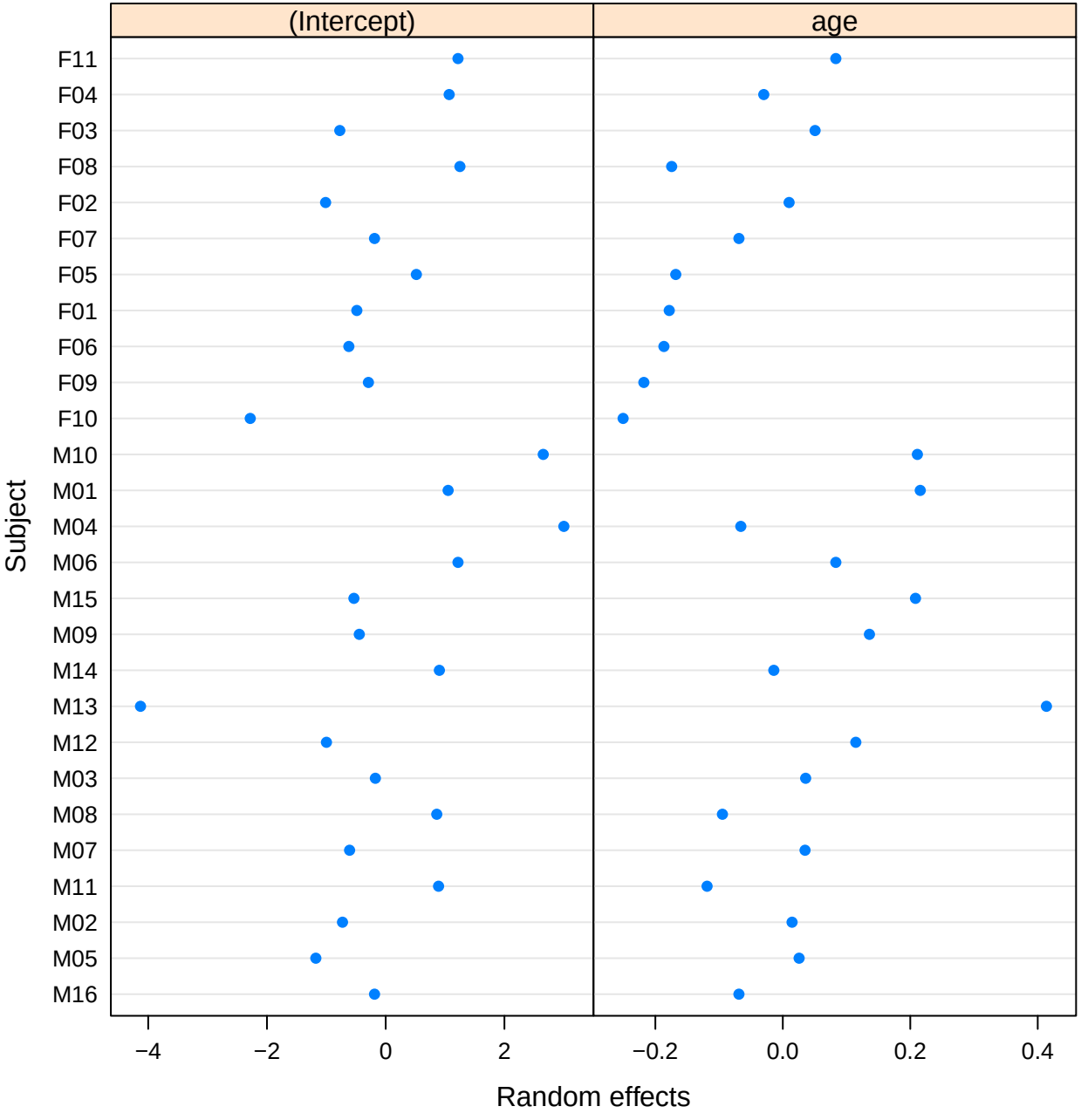


help("plot.nmGroupedData")

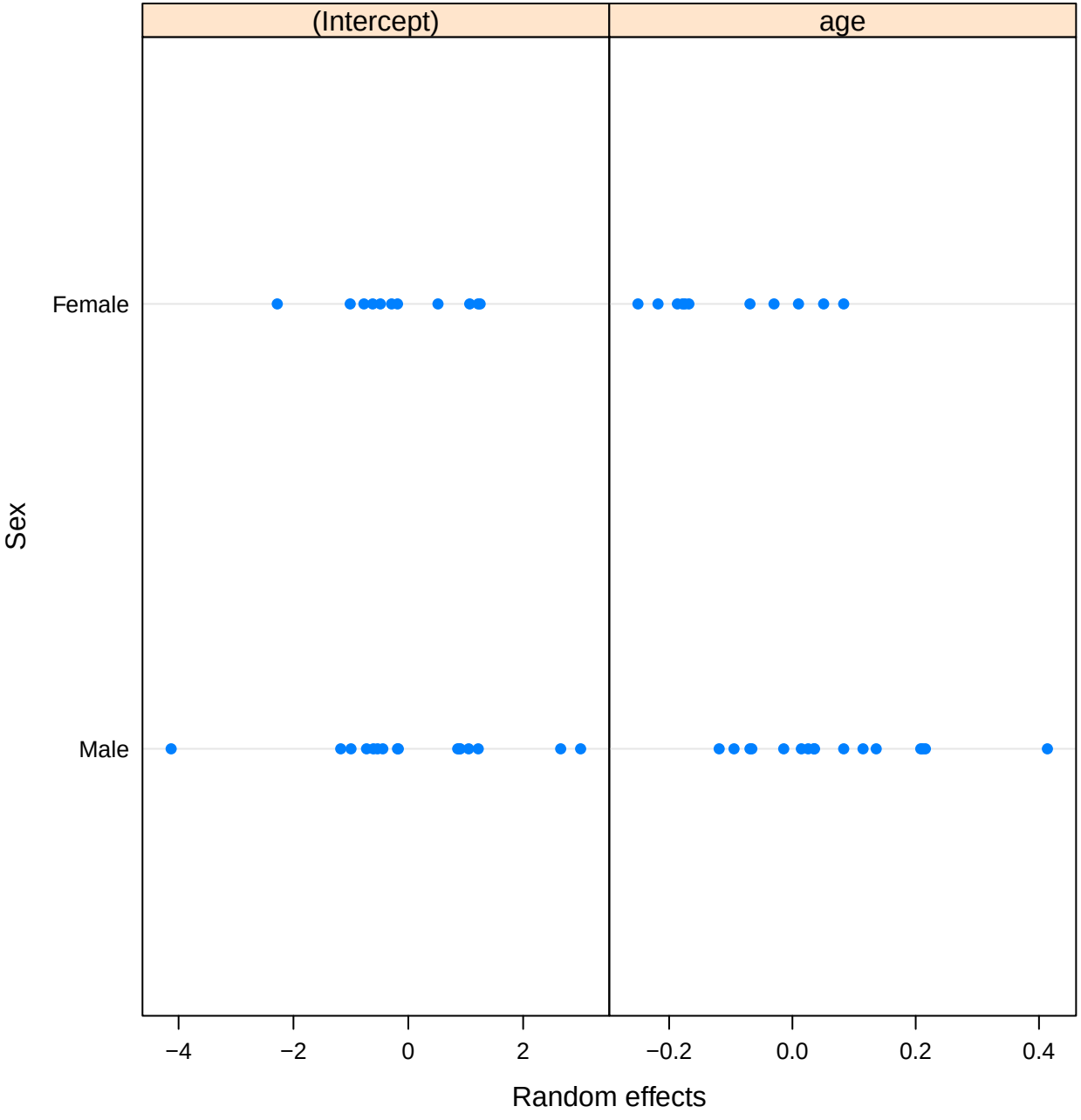

(Intercept)
age
F11
F04
F03
F08
F02
F07
F05
F01
F06
F09
F10
M10
M01
M04
M06
M15
M09
M14
M13
M12
M03
M08
M07
M11
M02
M05
M16
Subject
−10
−5
0
5
−0.5
0.0
0.5
1.0
Random effects
help("plot.ranef.lmList")

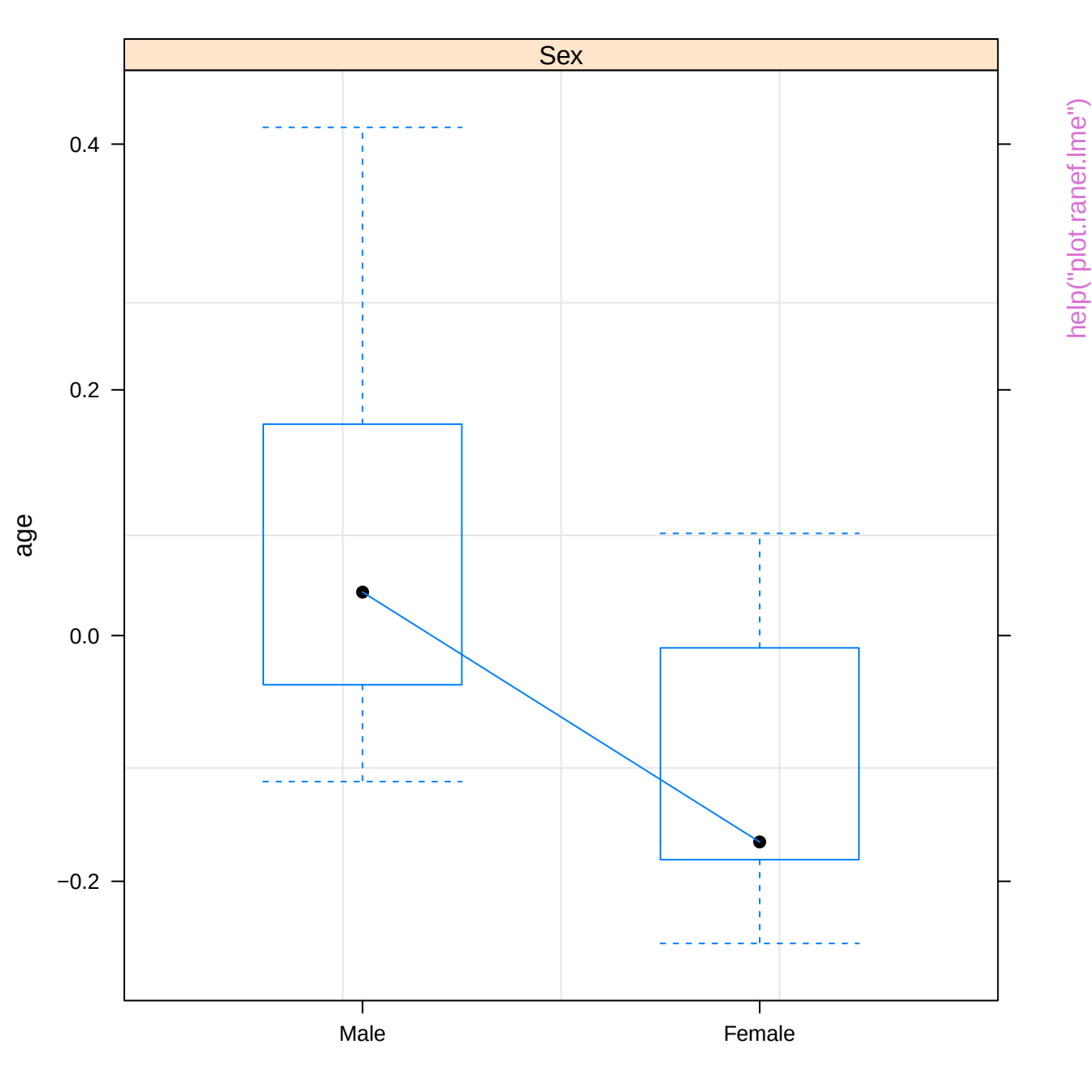

(Intercept)
age
Female
Male
Sex
−10
−5
0
5
−0.5
0.0
0.5
1.0
Random effects
help("plot.ranef.lmList")

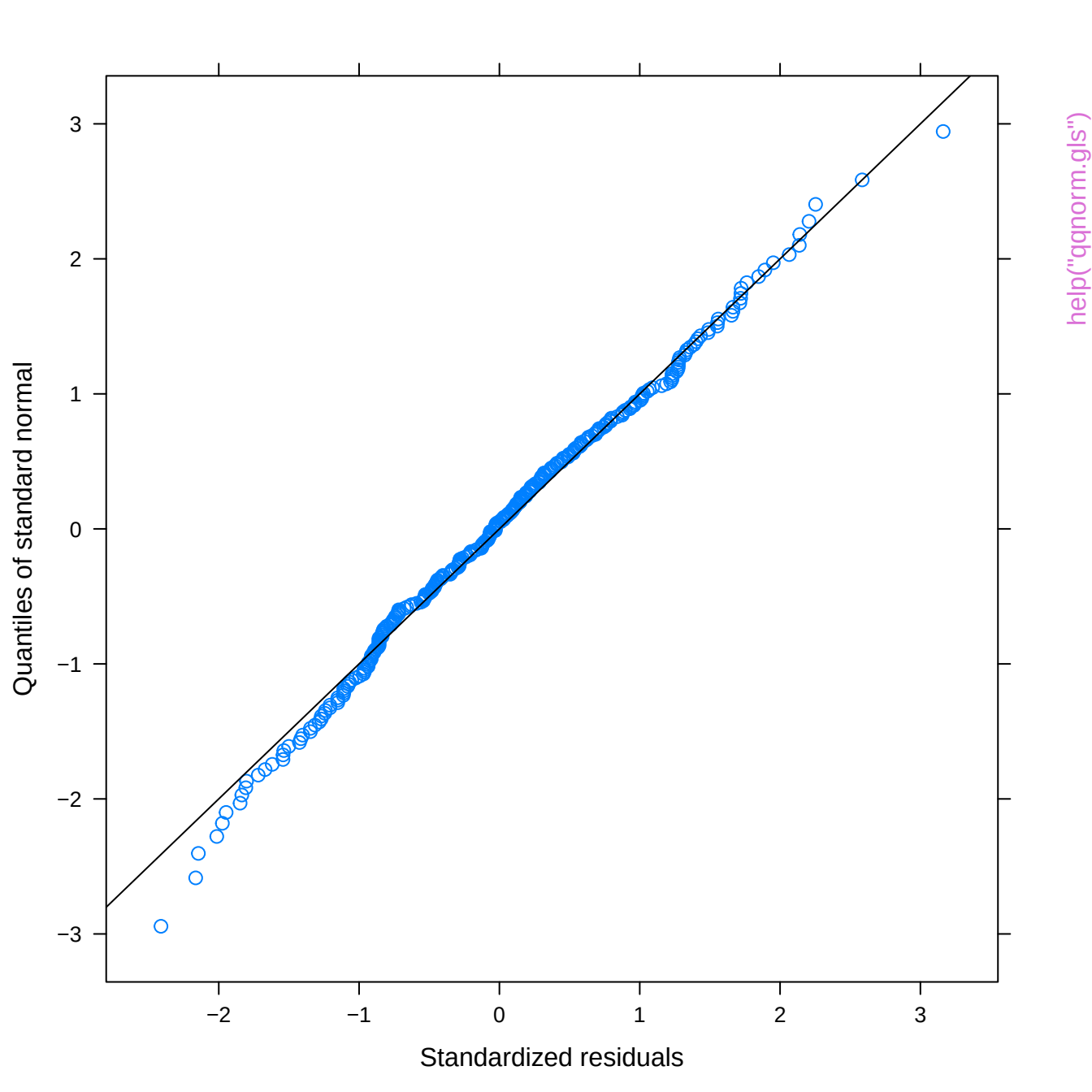

Sex
age
1.0
0.5
0.0
−0.5
Male
Female
help("plot.ranef.lmList")

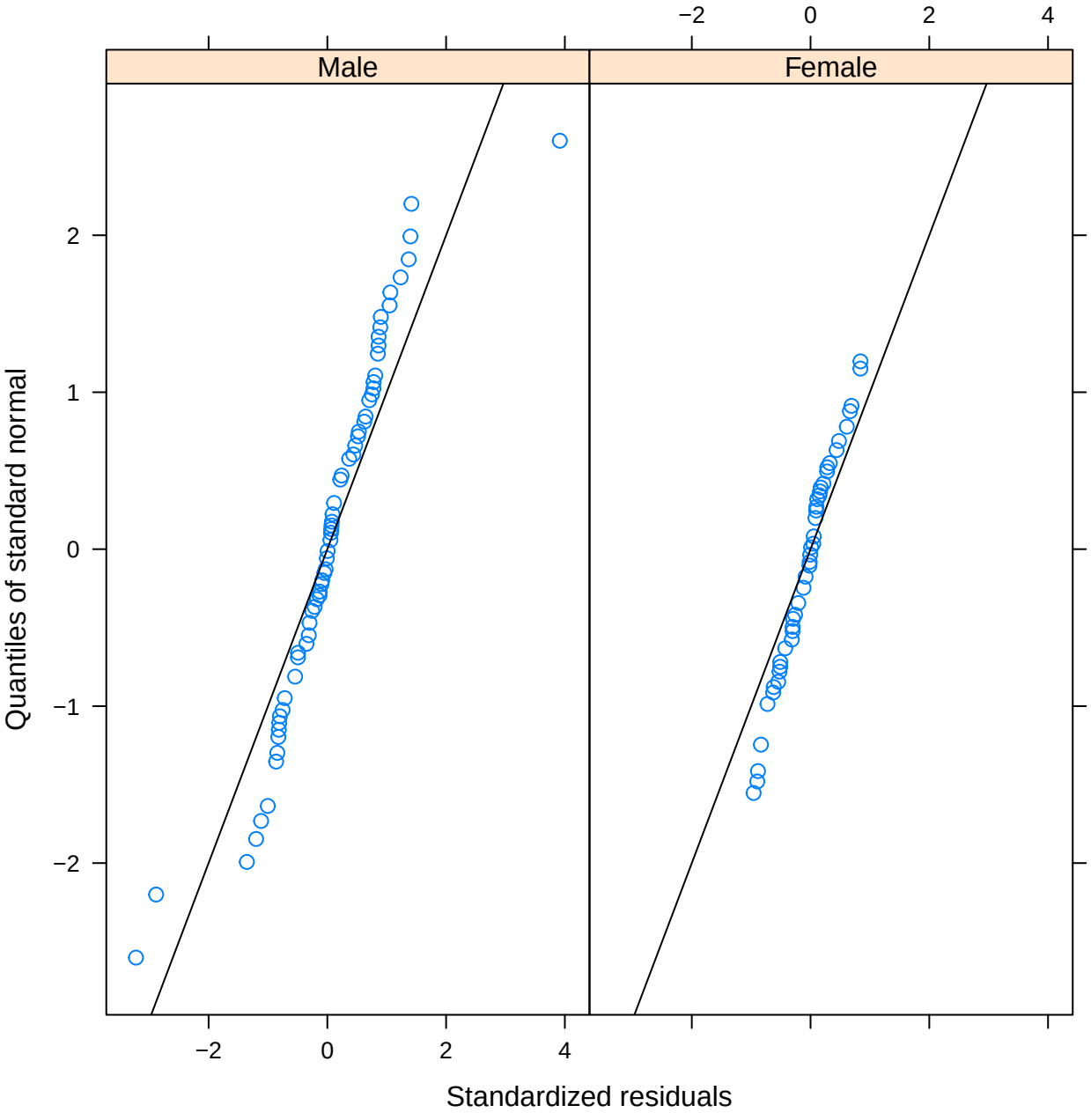


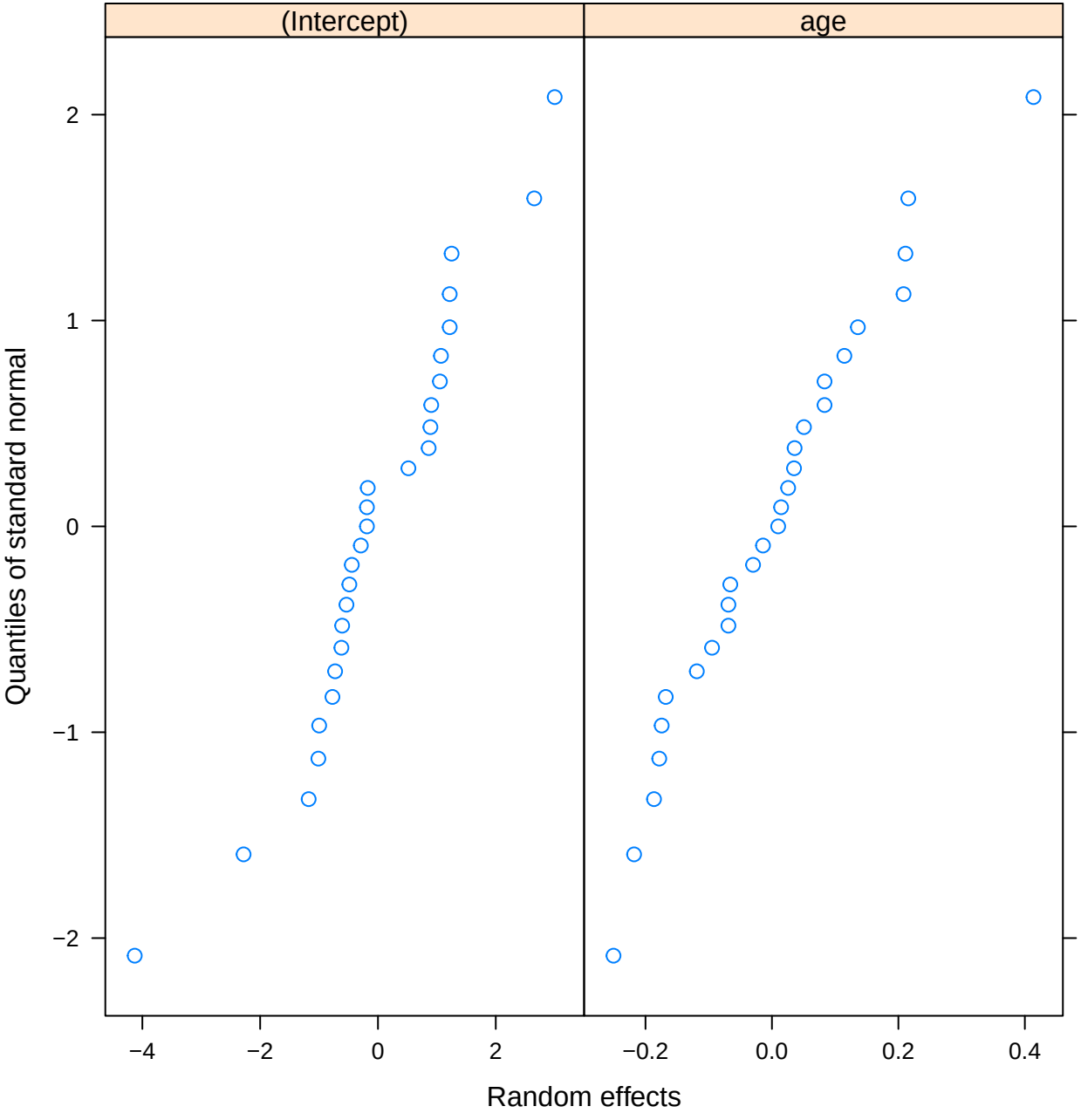
help("plot.ranef.lme")


(Intercept)
age
Female
Male
Sex
−4
−2
0
2
−0.2
0.0
0.2
0.4
Random effects
help("plot.ranef.lme")


Sex
0.4
0.2
0.0
−0.2
age
Male
Female
help("plot.ranef.lme")


Quantiles of standard normal
Standardized residuals
3
2
1
0
−1
−2
−3
−2
−1
0
1
2
3
help("qqnorm.gls")


Male
Female
−2
0
2
4
Quantiles of standard normal
Standardized residuals
help("qqnorm.lme")


(Intercept)
age
Quantiles of standard normal
Random effects
2
1
0
−1
−2
−4
−2
0
2
−0.2
0.0
0.2
0.4
help("qqnorm.lme")