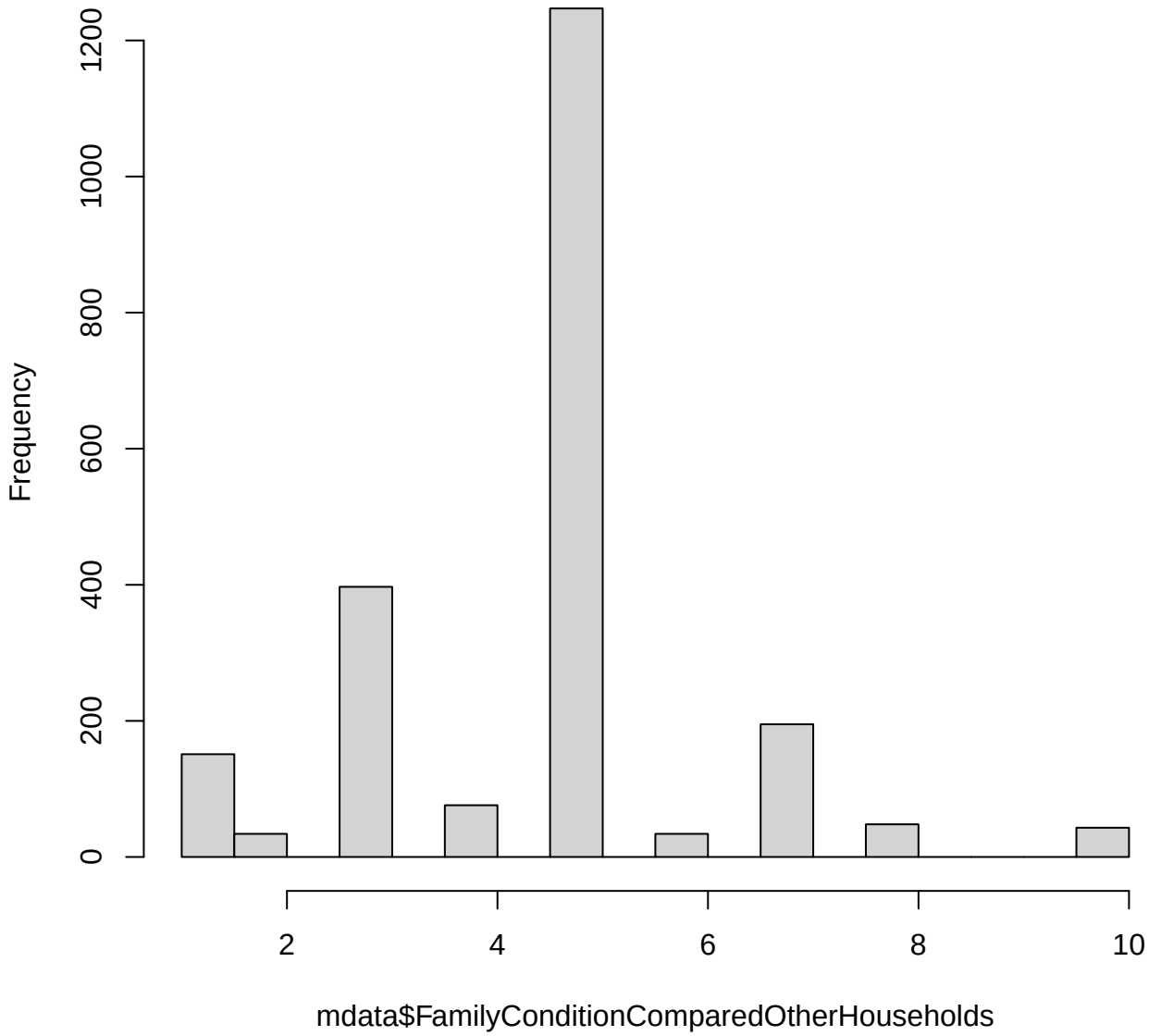
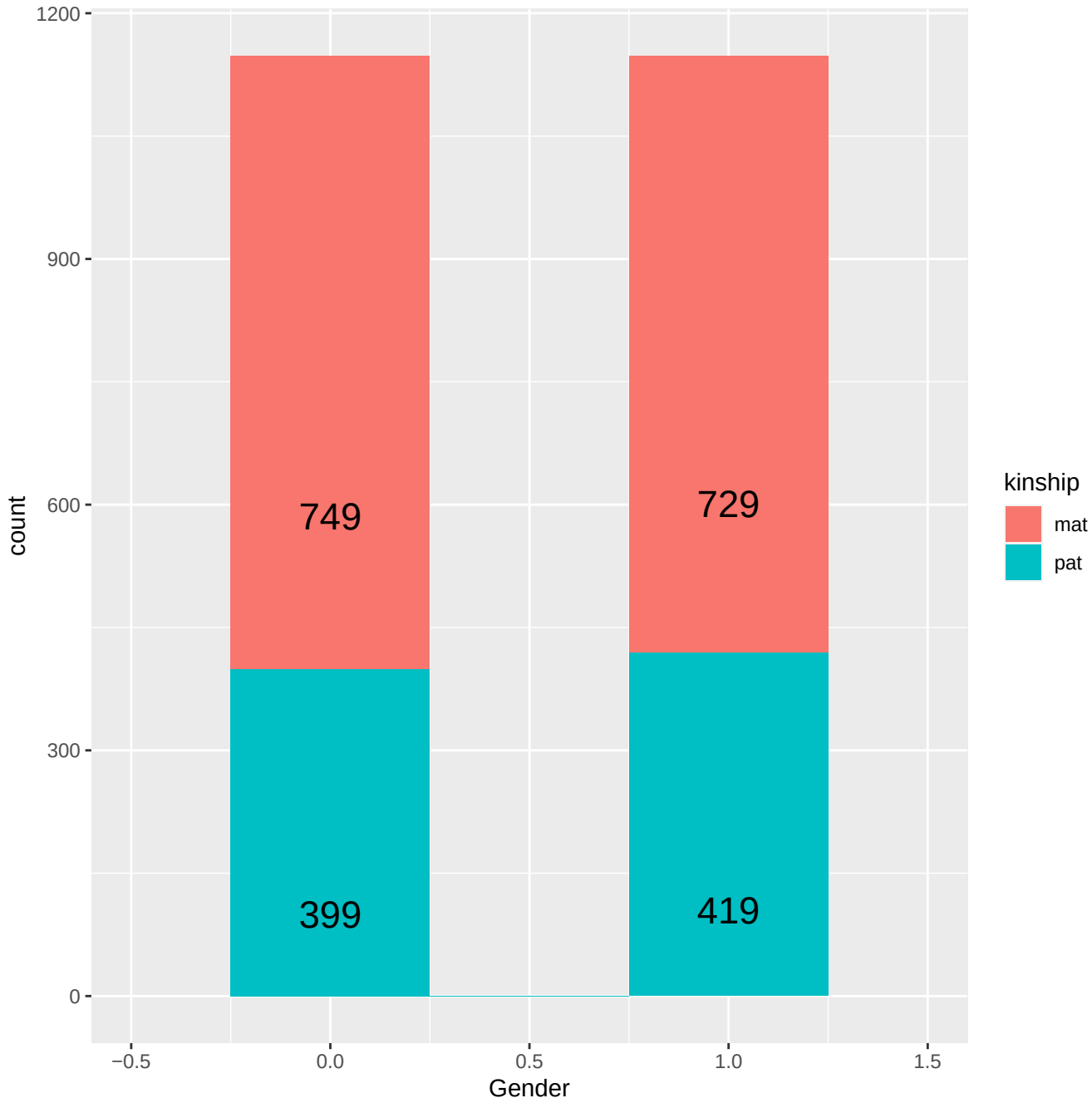
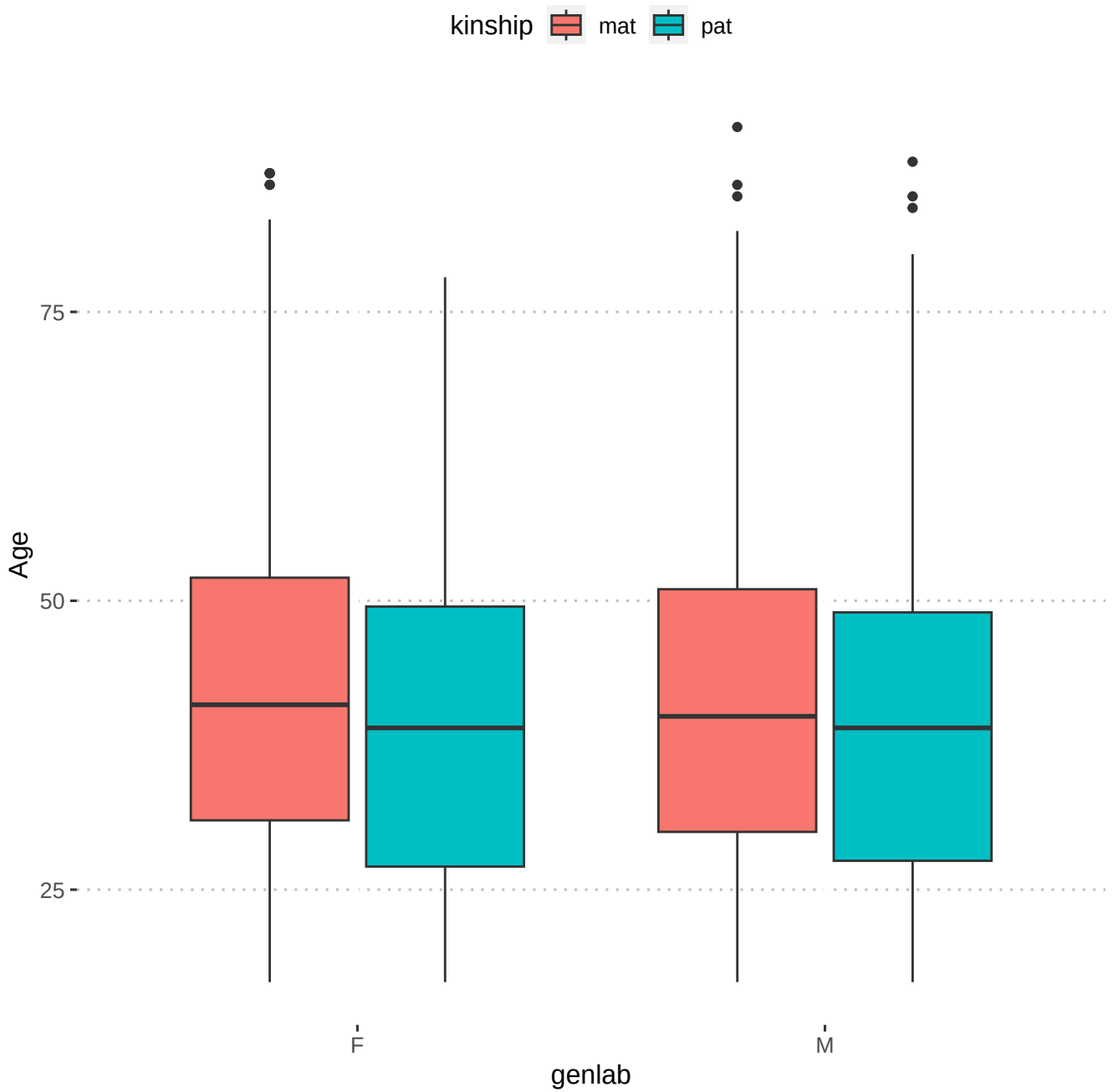
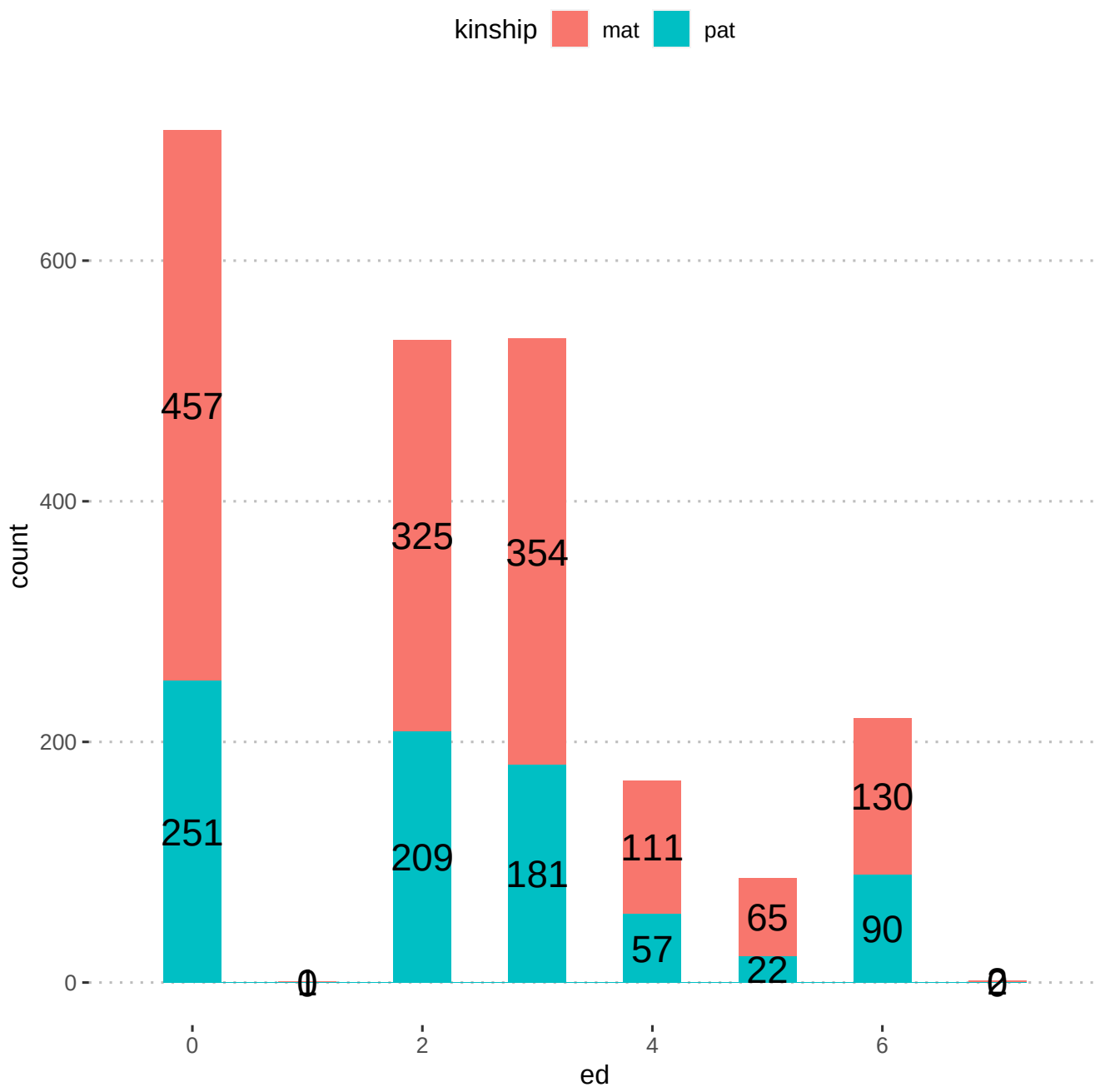
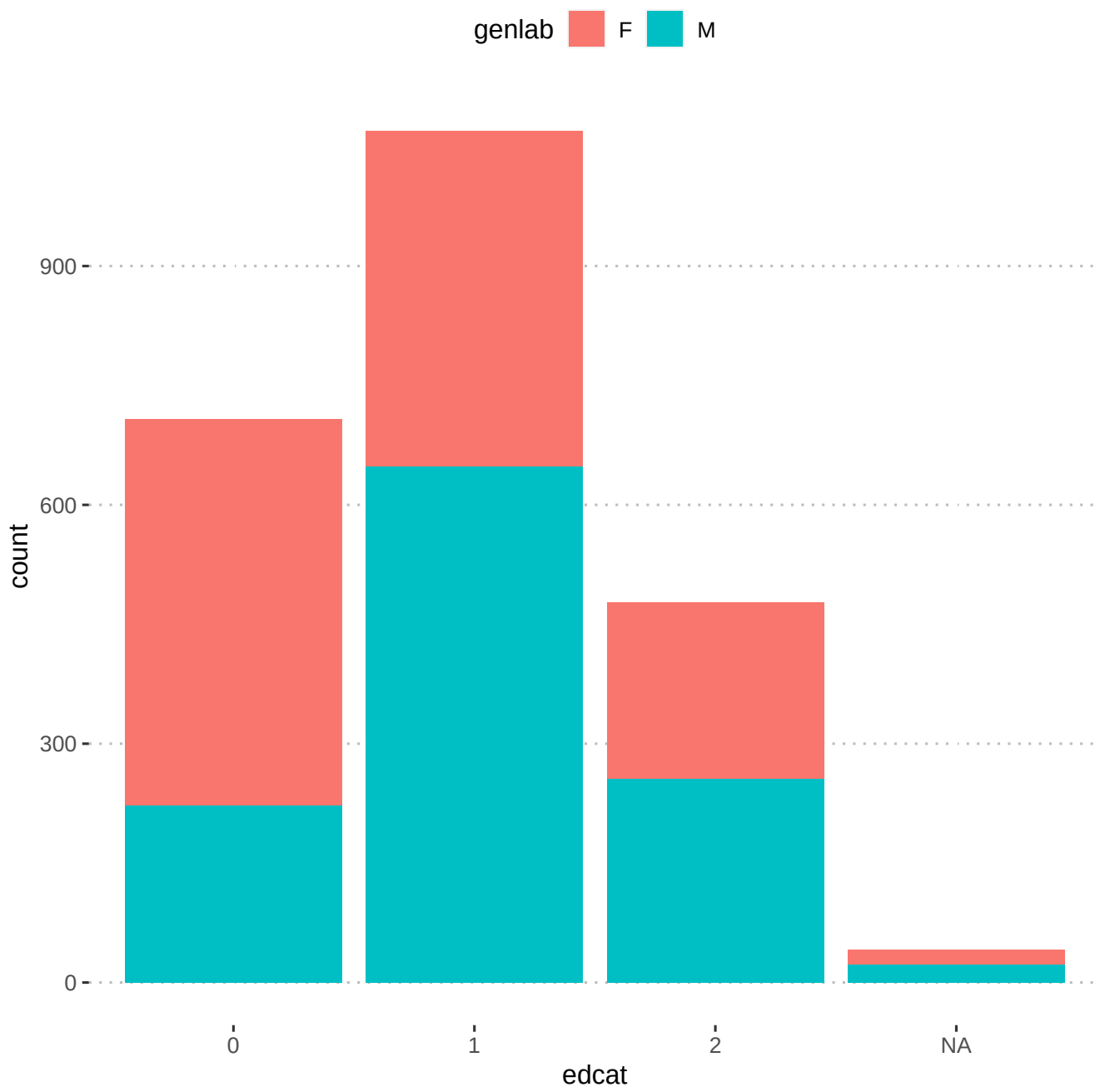
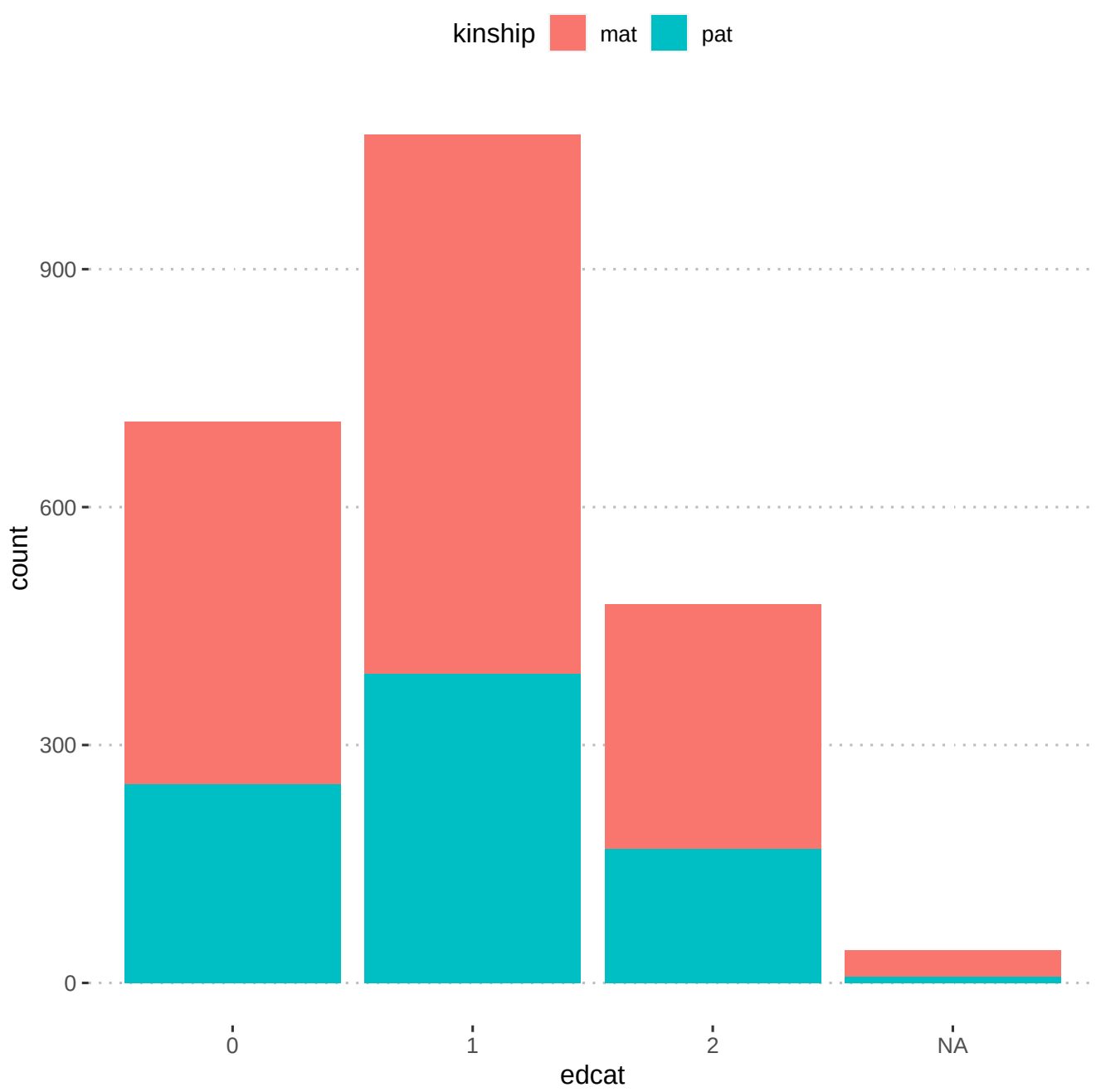

Histogram of mdata$FamilyConditionComparedOtherHouseholds
Frequency
0
200
400
600
800
1000
1200
2
4
6
8
10
mdata$FamilyConditionComparedOtherHouseholds

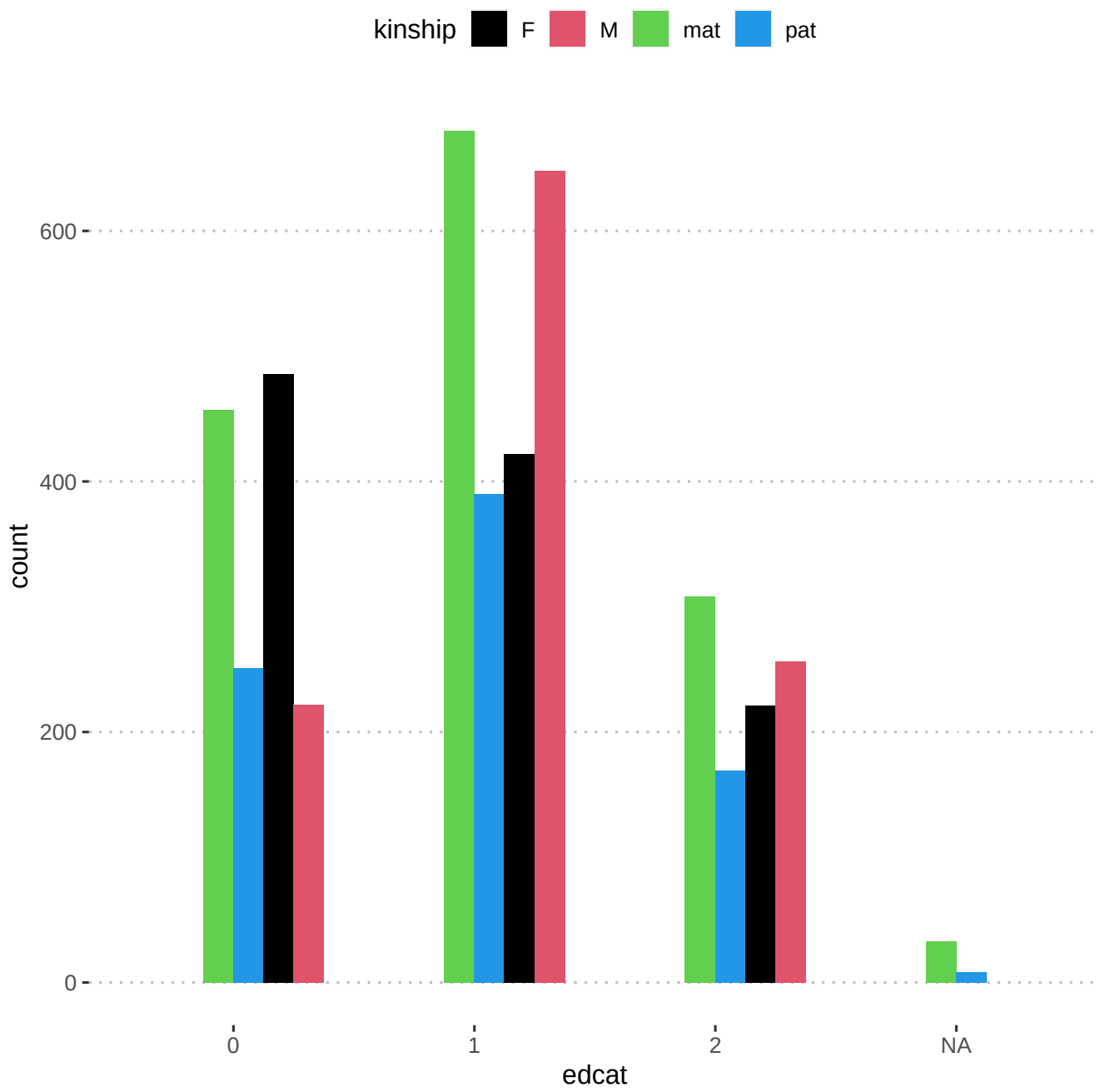

1200
900
600
300
0
count
749
729
399
419
−0.5
0.0
0.5
1.0
1.5
Gender
kinship
mat
pat

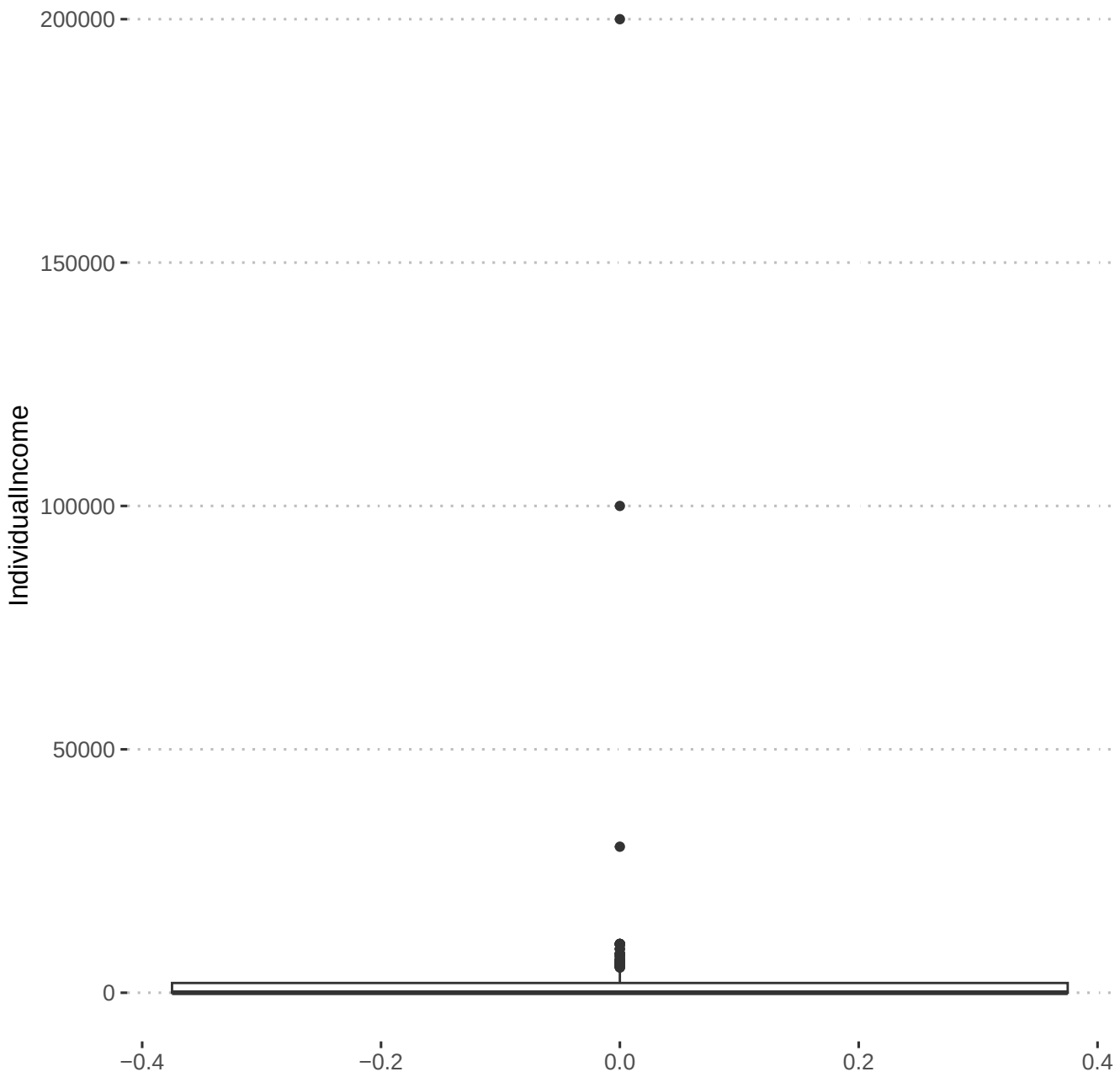

kinship
mat
pat
75
50
25
Age
F
M
genlab

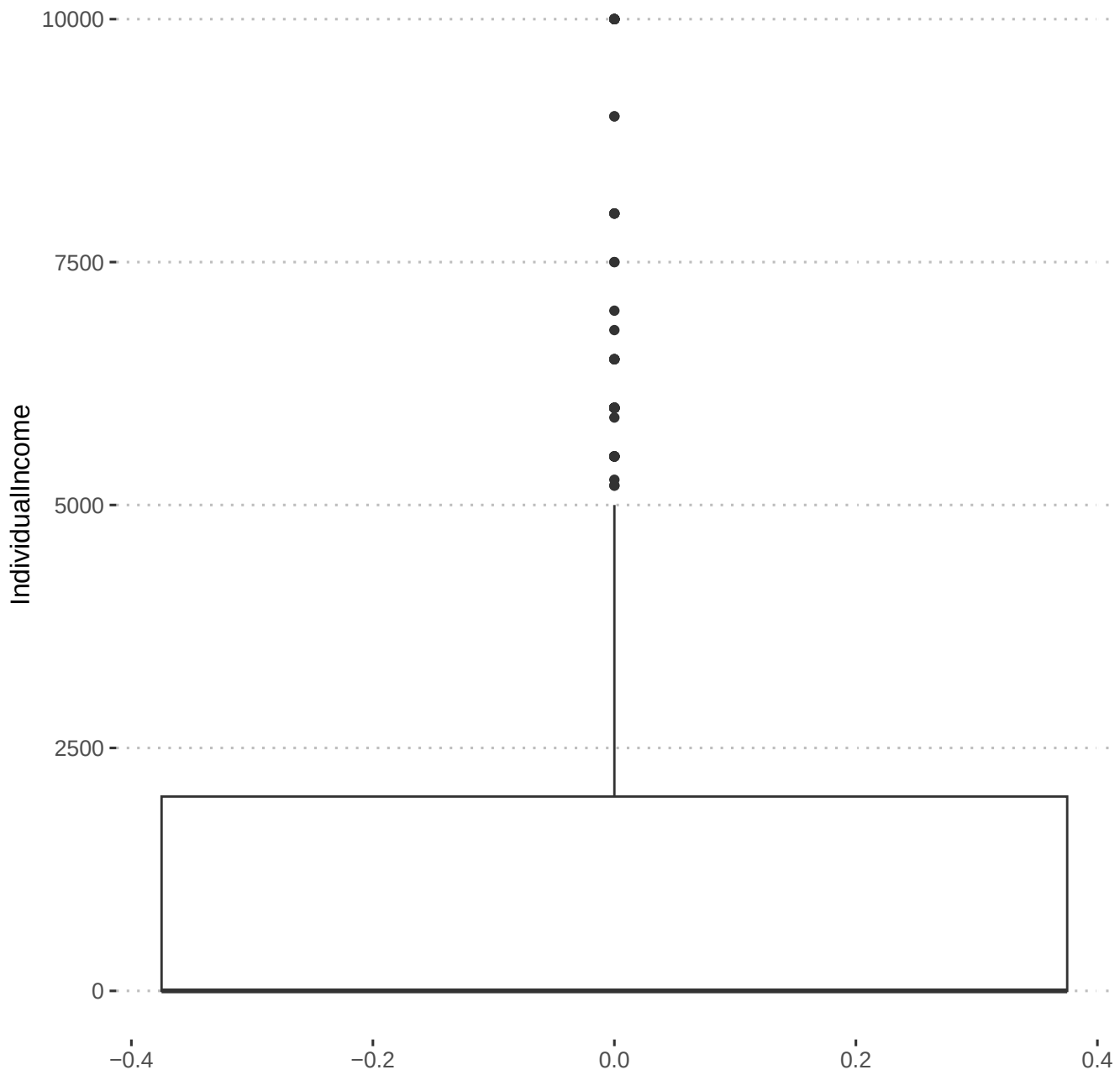

kinship
mat
pat
600
400
200
0
count
457
251
0
0
325
209
354
181
111
57
65
22
130
90
0
0
0
2
4
6
ed

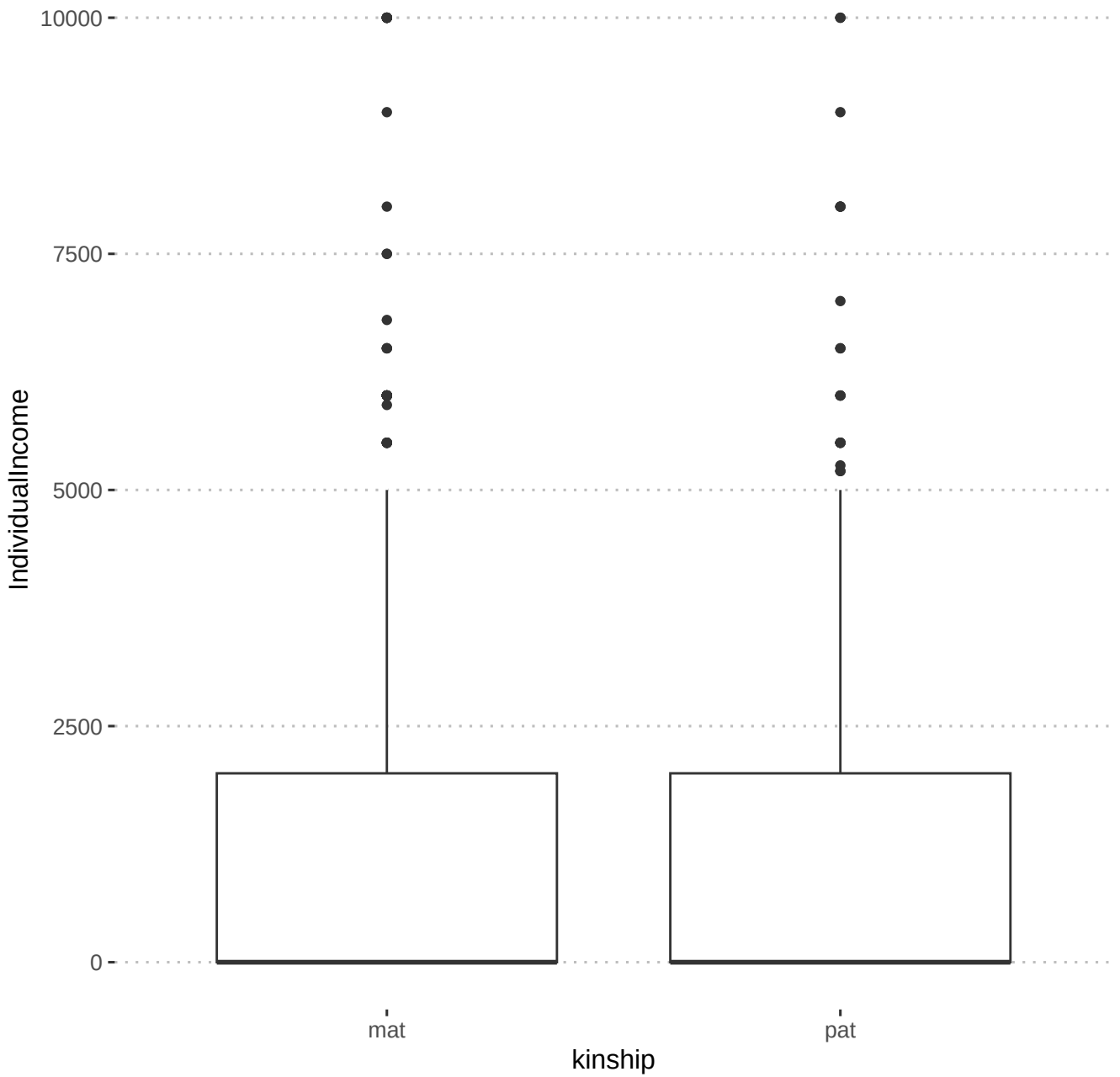

genlab
F
M
900
600
300
0
count
0
1
2
NA
edcat

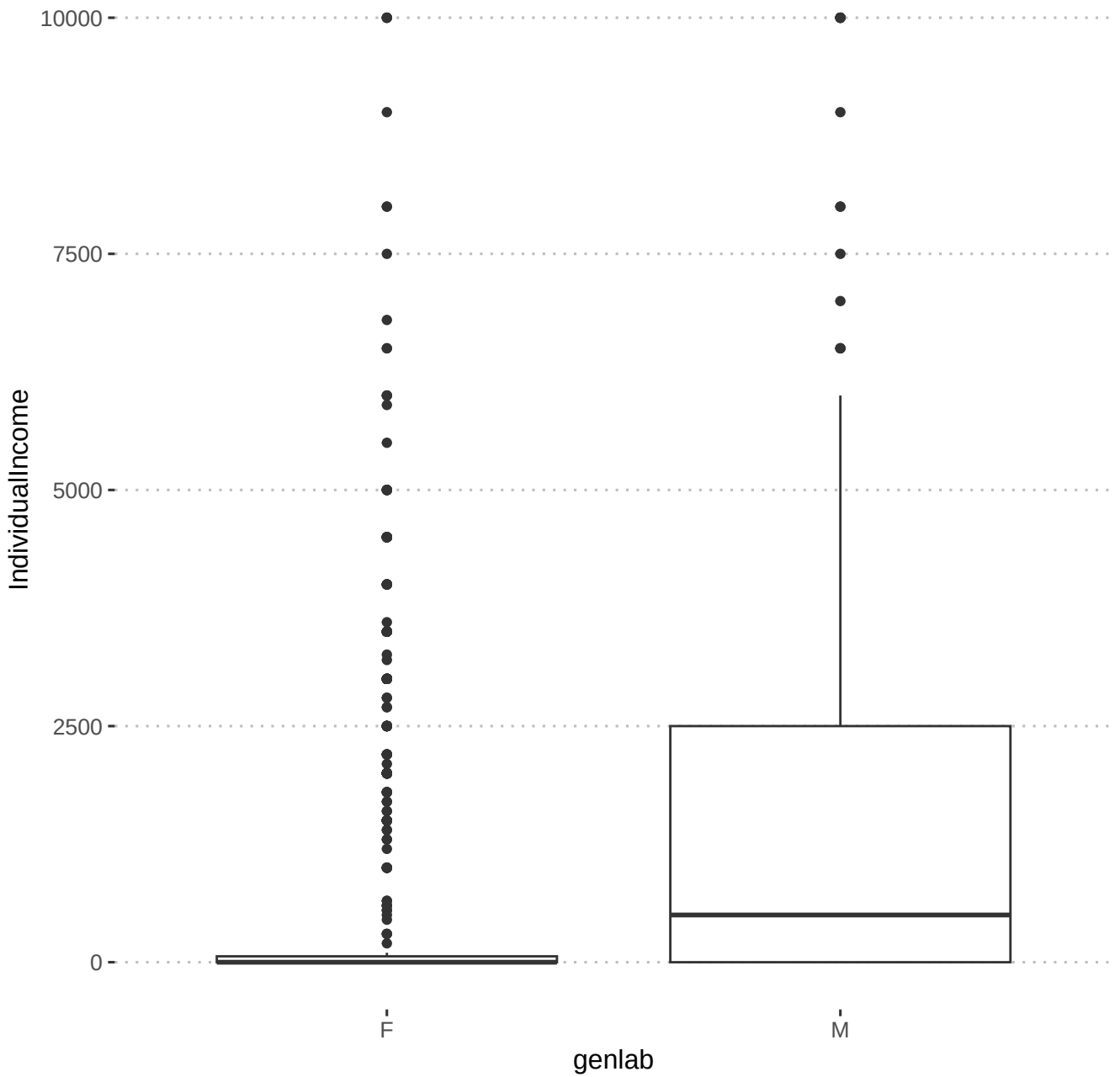

kinship
mat
pat
900
600
300
0
count
0
1
2
NA
edcat

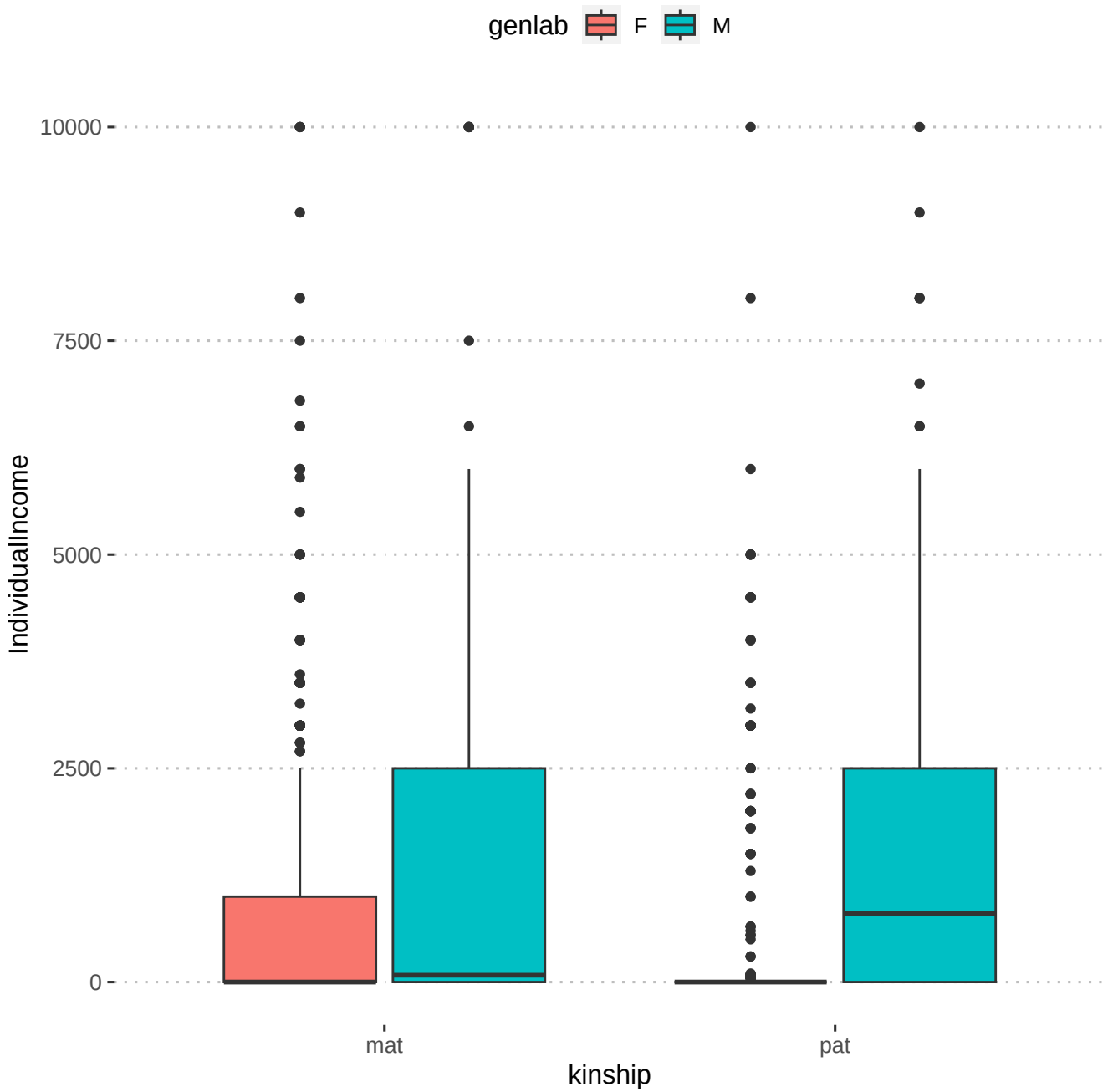

kinship
F
M
mat
pat
600
400
200
0
count
0
1
2
NA
edcat

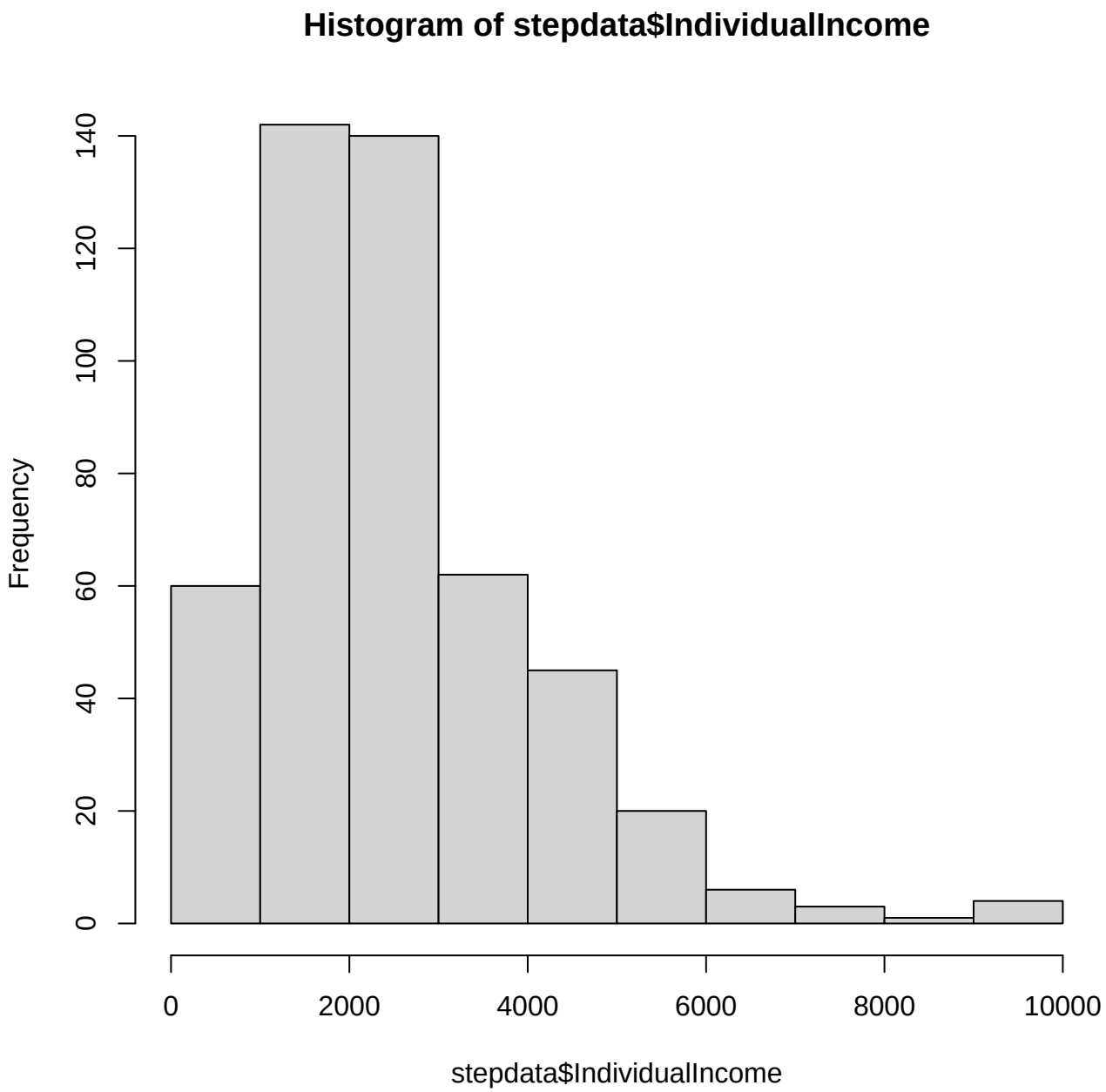

200000
150000
100000
50000
0
IndividualIncome
−0.4
−0.2
0.0
0.2
0.4

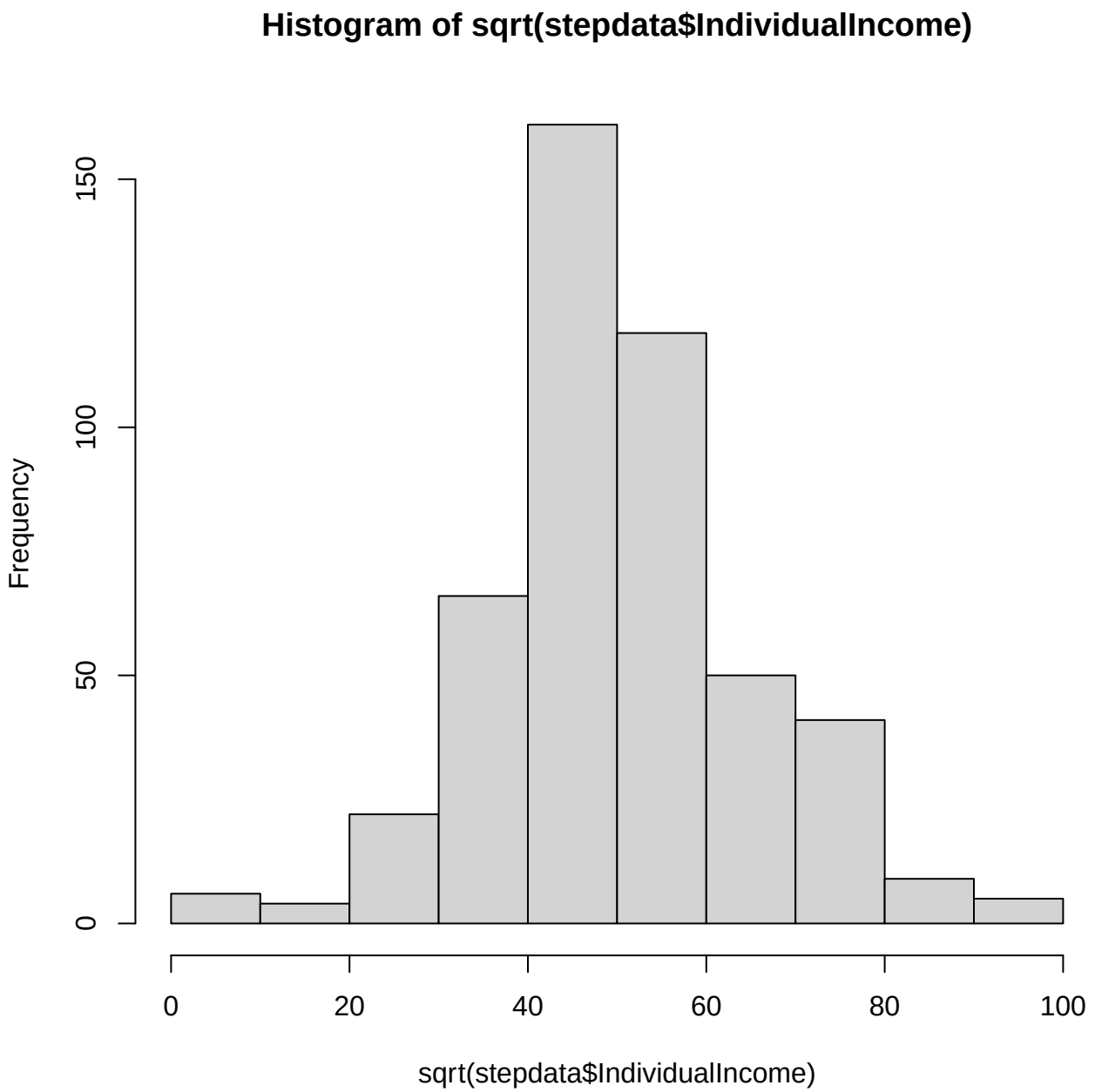

10000
7500
5000
2500
0
IndividualIncome
−0.4
−0.2
0.0
0.2
0.4

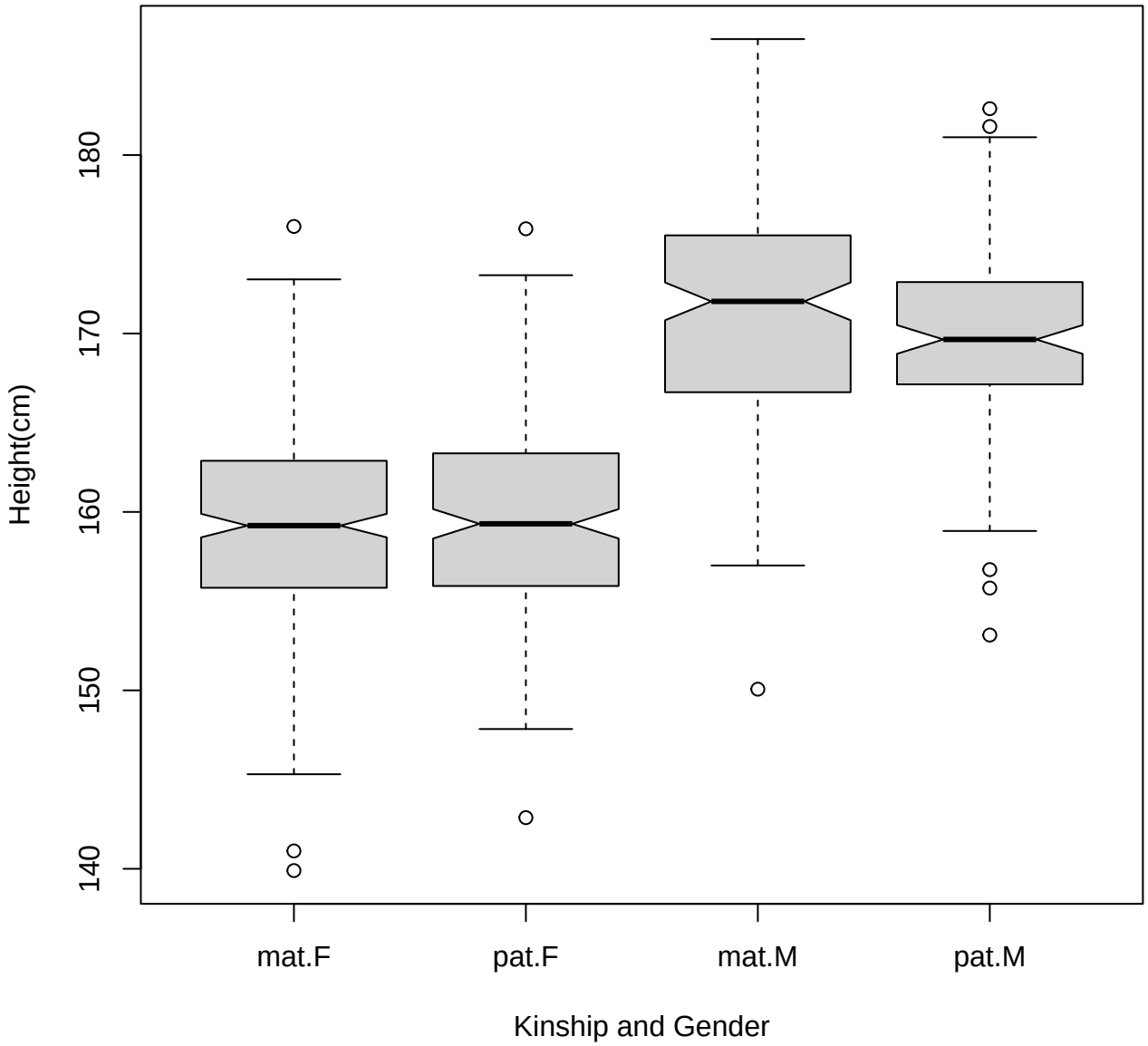

10000
7500
5000
2500
0
IndividualIncome
mat
pat
kinship

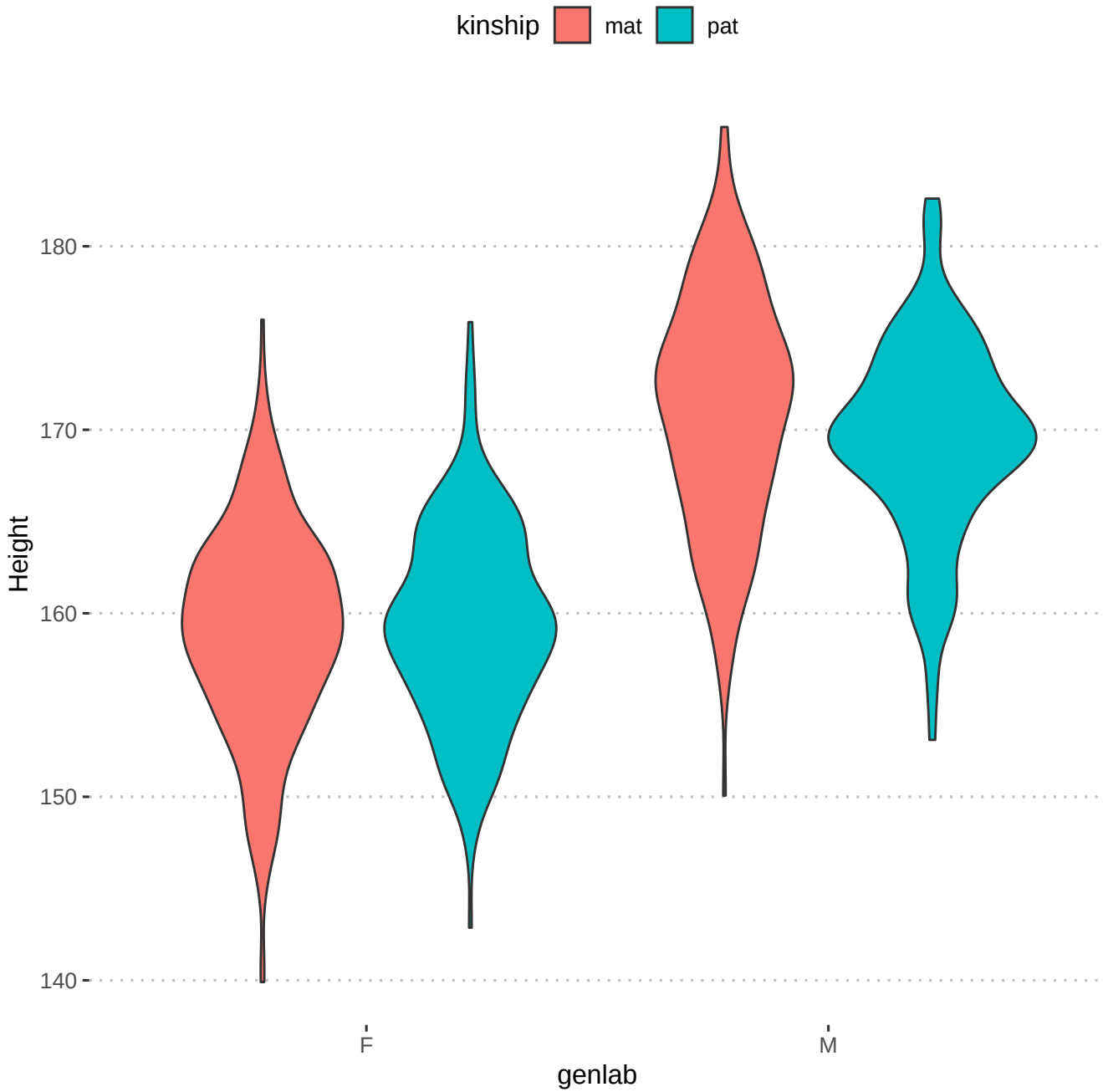

10000
7500
5000
2500
0
IndividualIncome
F
M
genlab

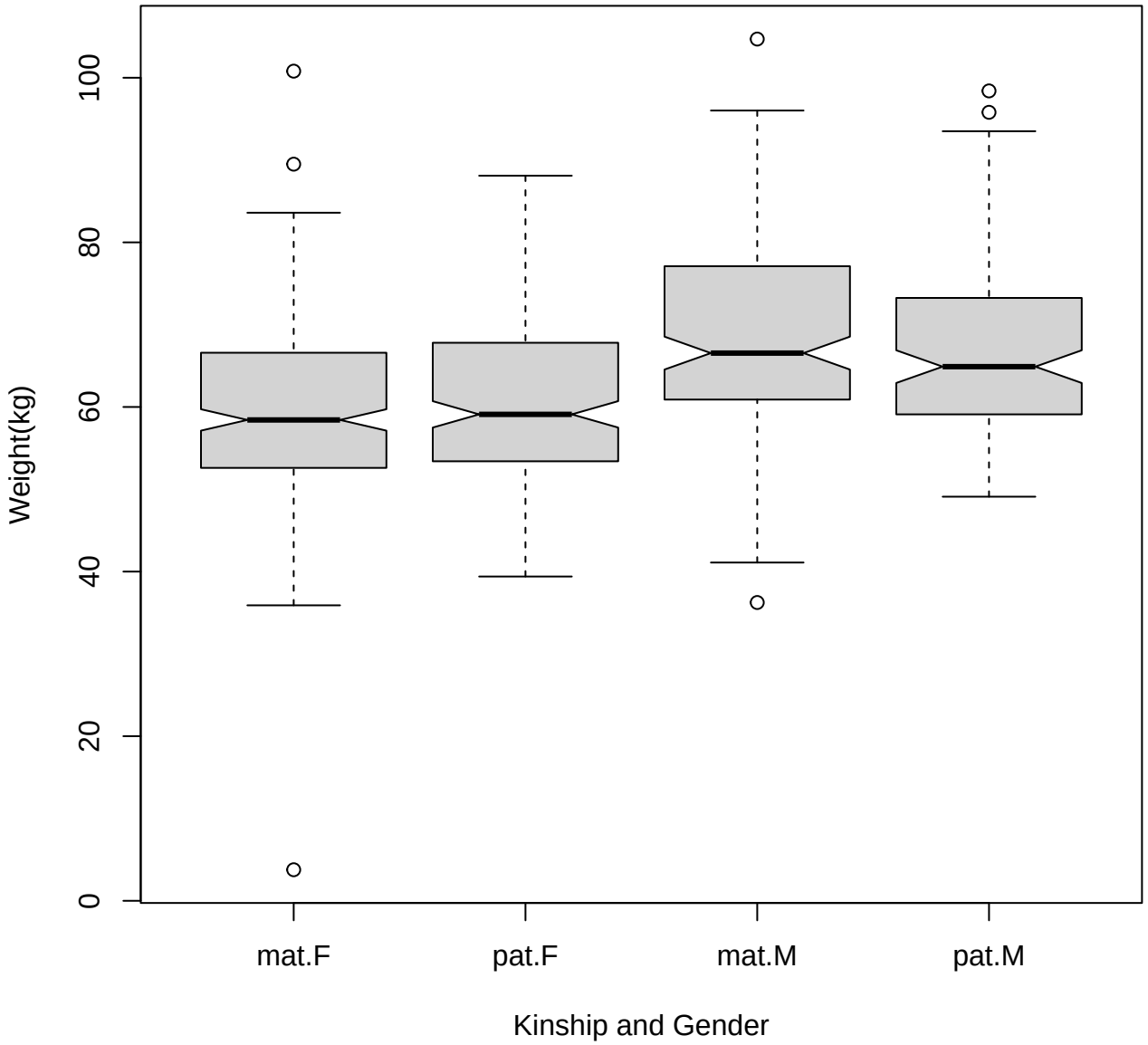

genlab
F
M
10000
7500
5000
2500
0
IndividualIncome
mat
pat
kinship

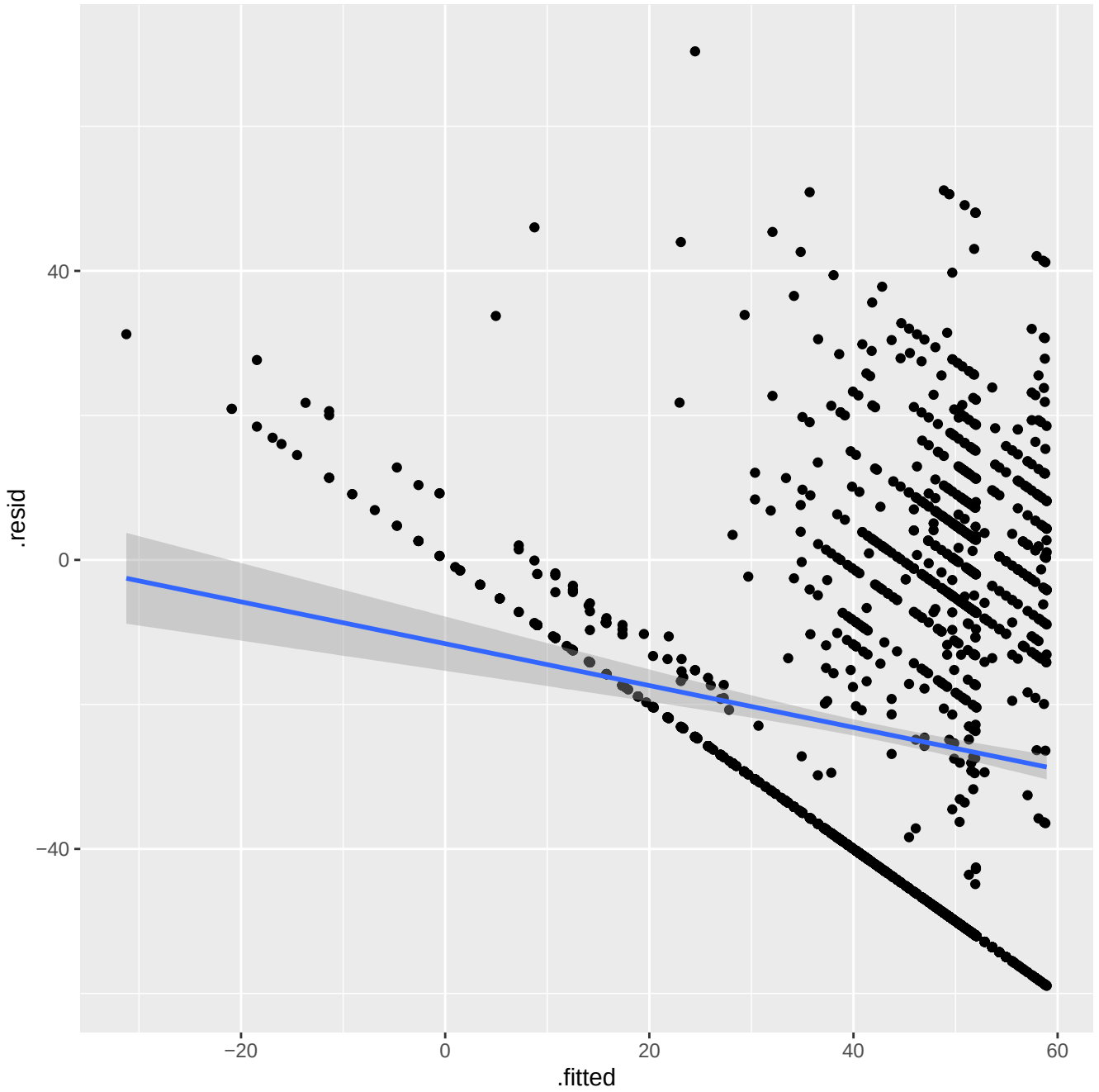

Histogram of stepdata$IndividualIncome
Frequency
0
20
40
60
80
100
120
140
0
2000
4000
6000
8000
10000
stepdata$IndividualIncome

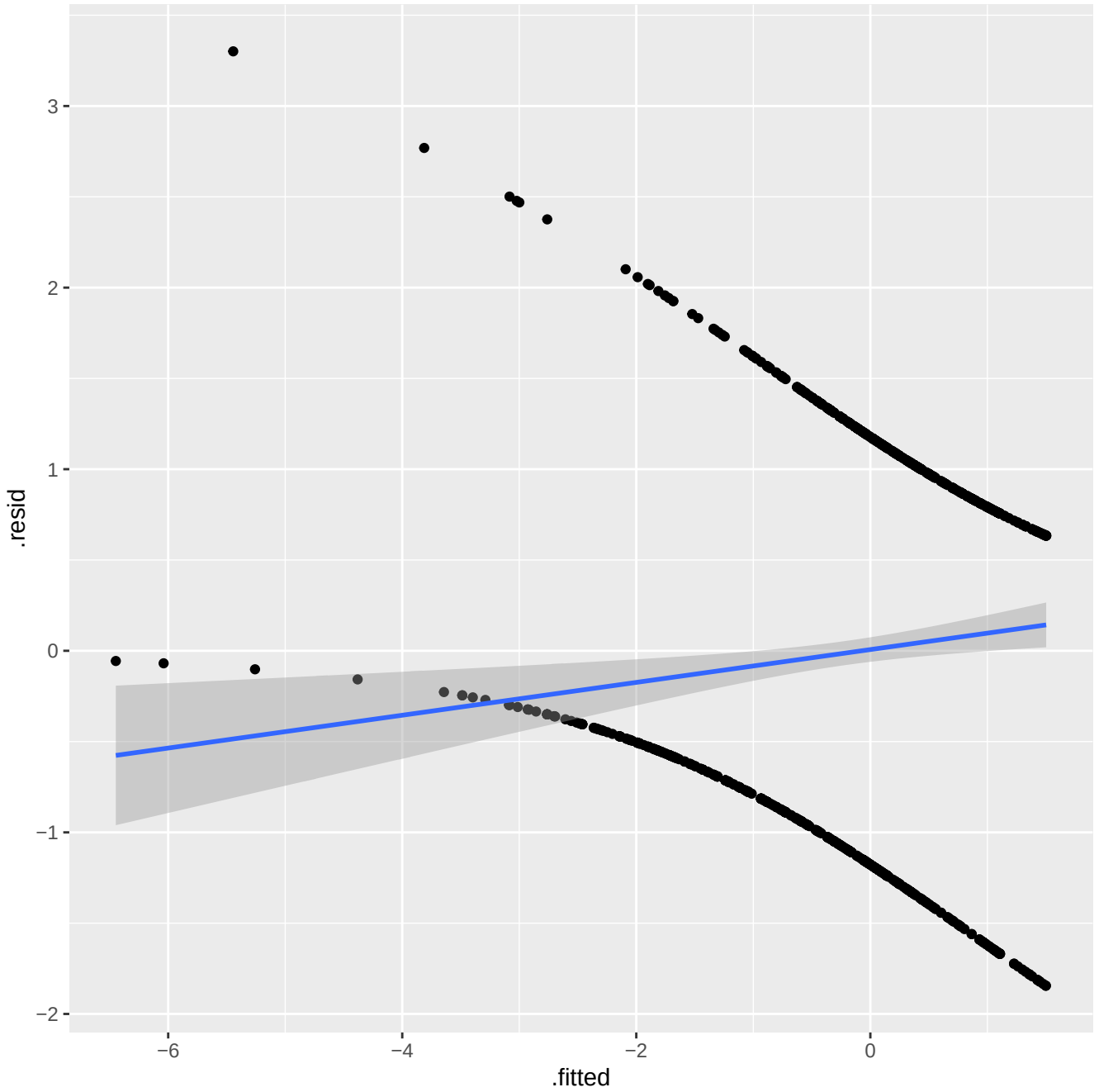

Histogram of sqrt(stepdata$IndividualIncome)
Frequency
0
50
100
150
0
20
40
60
80
100
sqrt(stepdata$IndividualIncome)

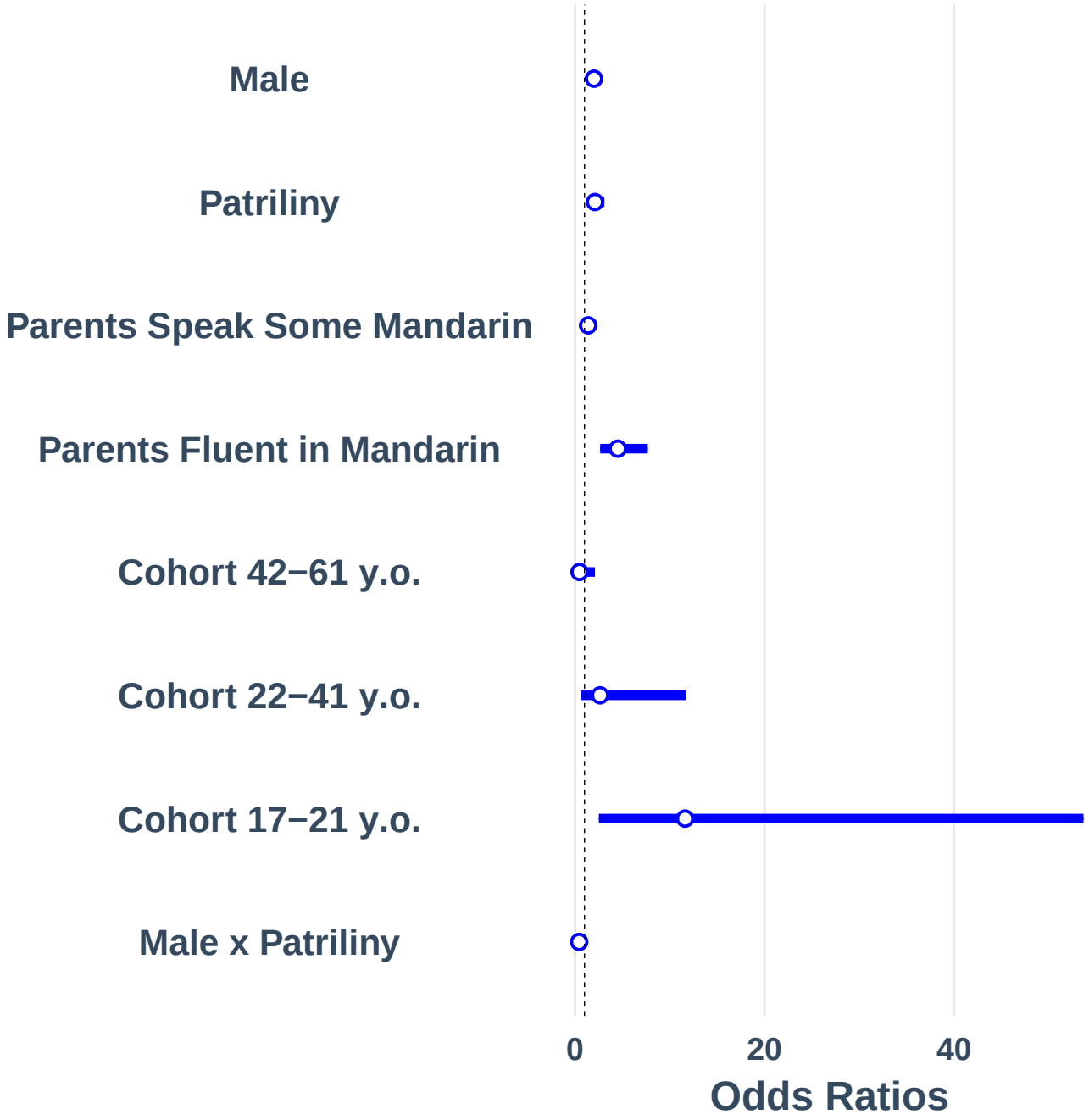

Height(cm)
140
150
160
170
180
mat.F
pat.F
mat.M
pat.M
Kinship and Gender

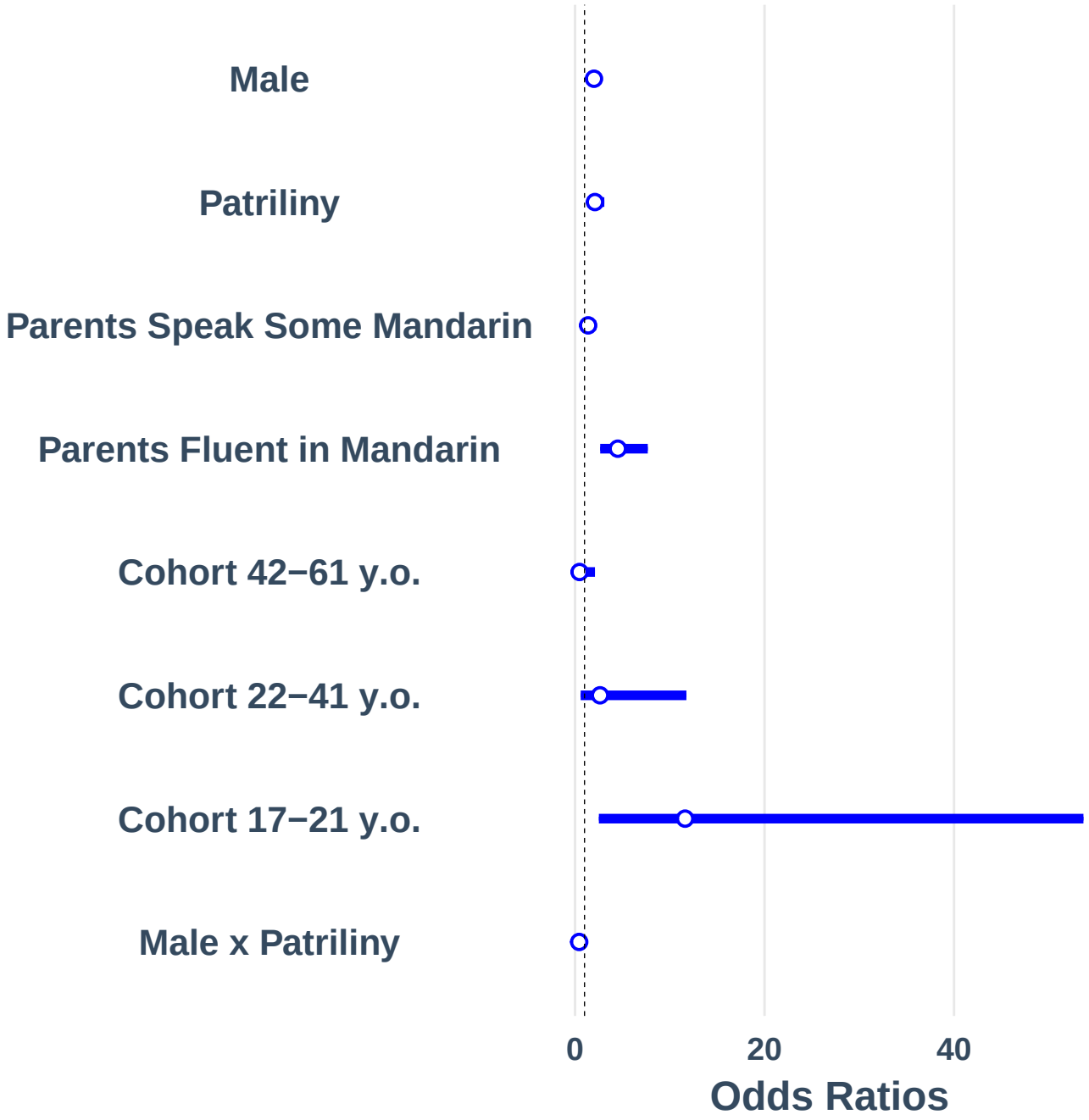

kinship
mat
pat
180
170
160
150
140
Height
F
M
genlab

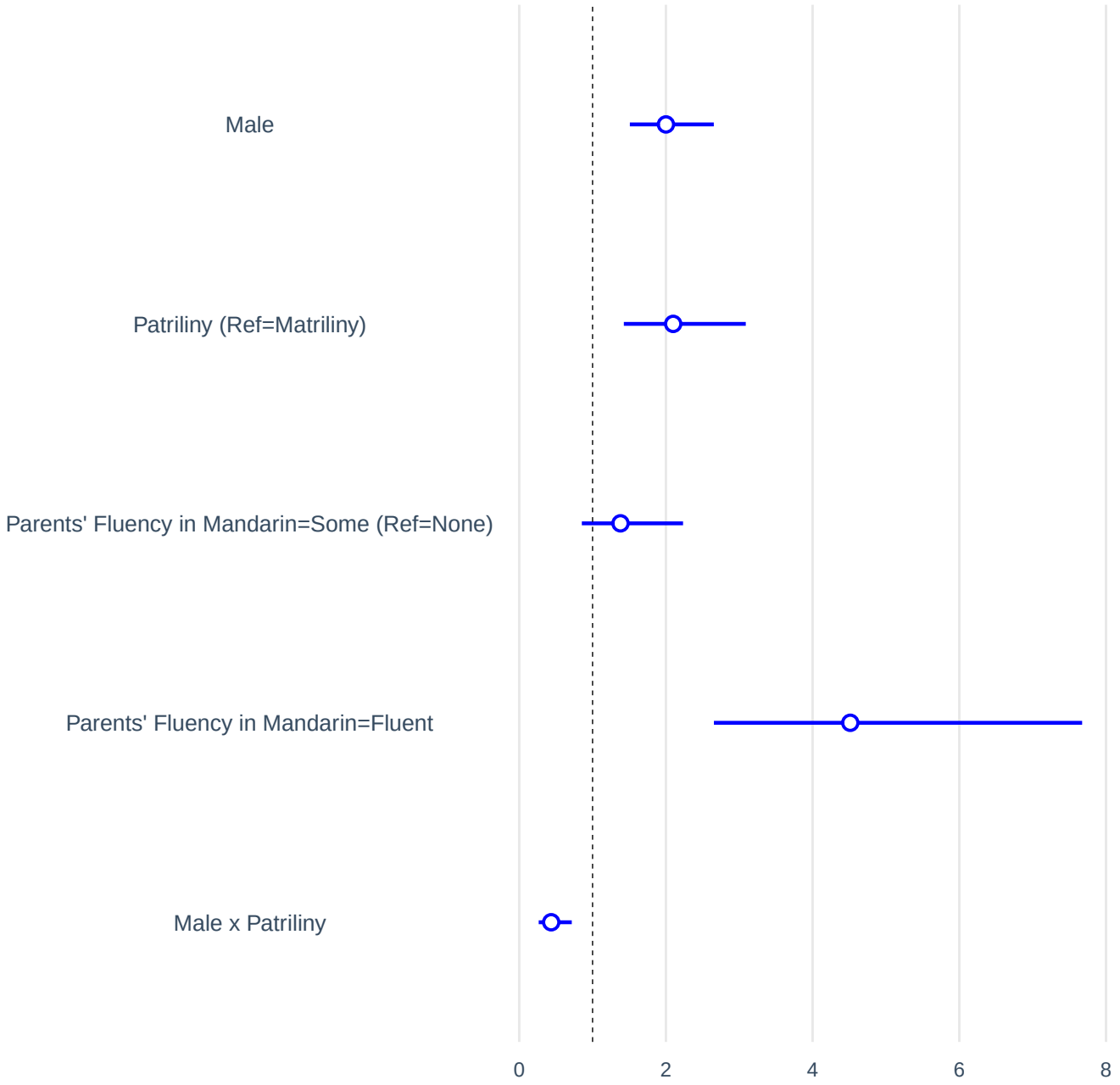

Weight(kg)
0
20
40
60
80
100
mat.F
pat.F
mat.M
pat.M
Kinship and Gender

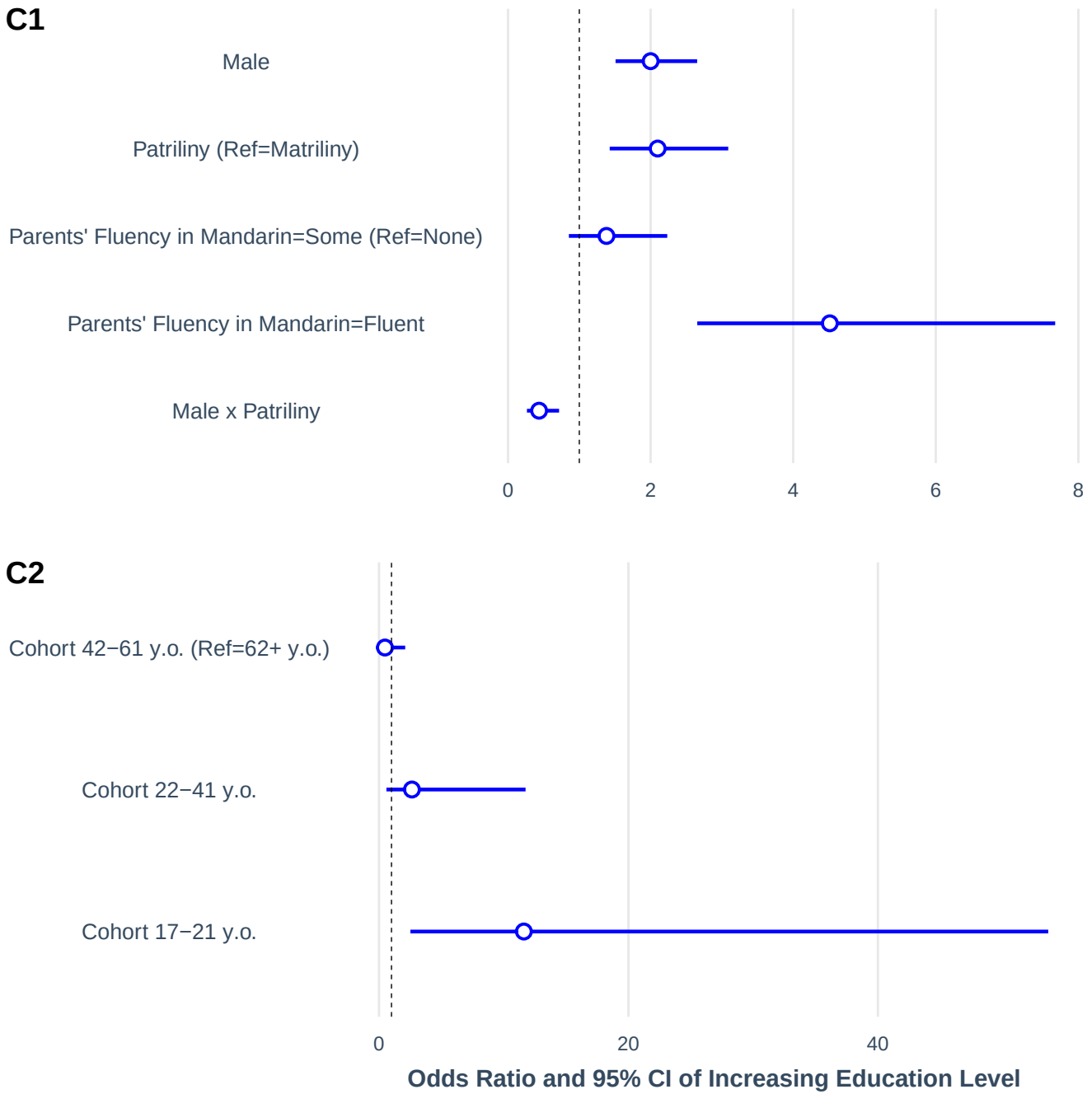

40
0
−40
.resid
−20
0
20
40
60
.fitted

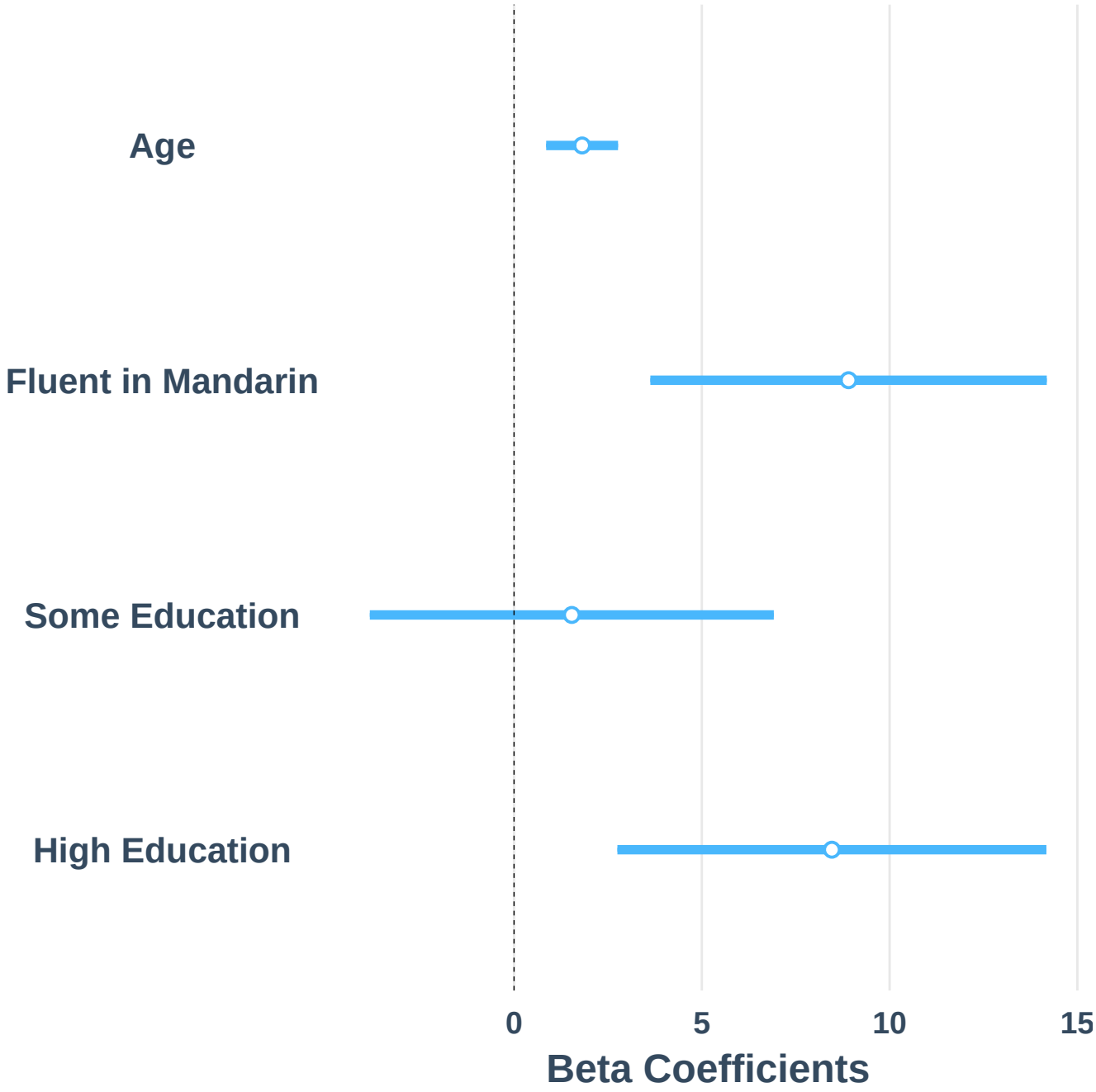

3
2
1
0
−1
−2
.resid
−6
−4
−2
0
.fitted

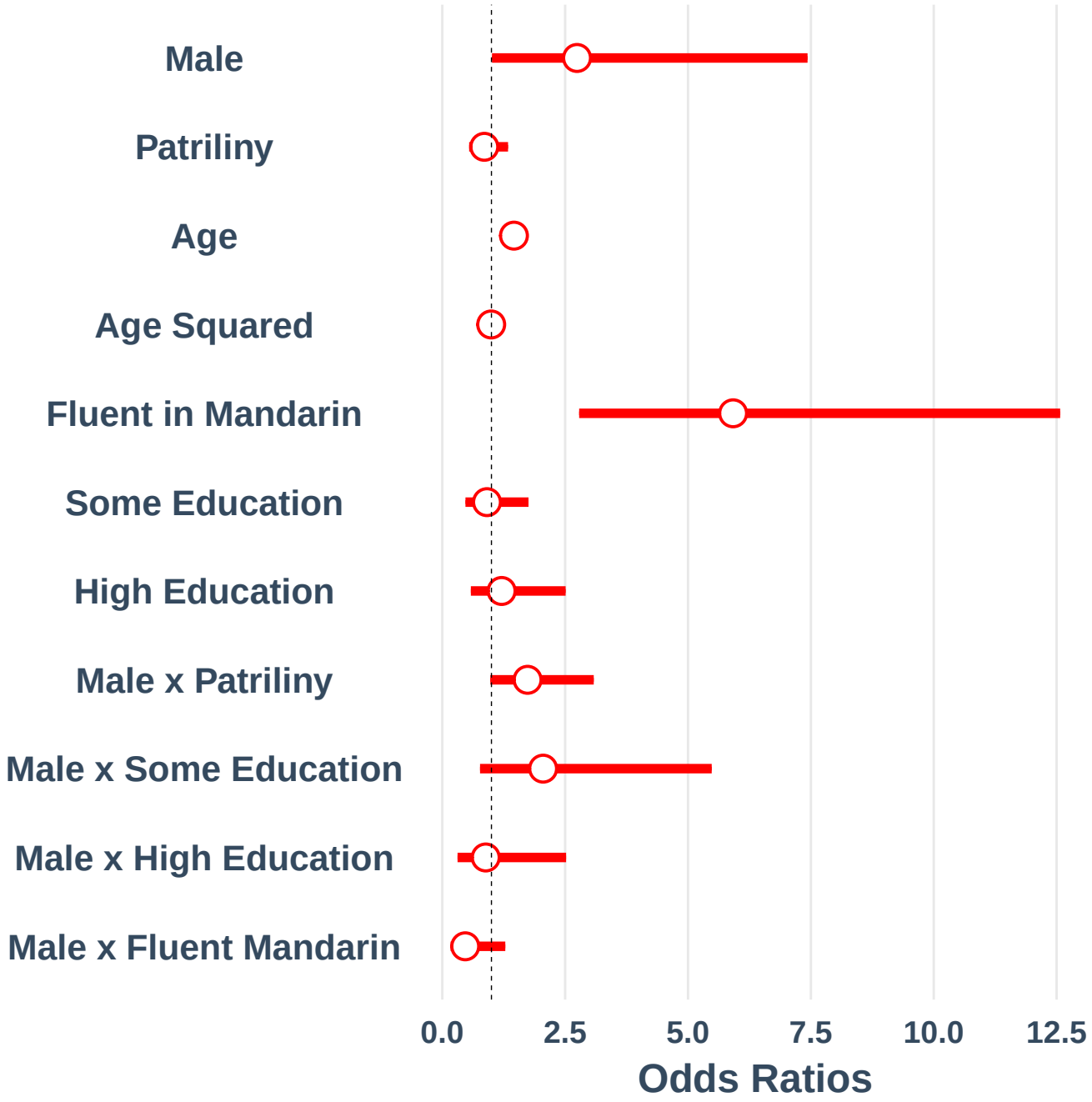

Male
Patriliny
Parents Speak Some Mandarin
Parents Fluent in Mandarin
Cohort 42−61 y.o.
Cohort 22−41 y.o.
Cohort 17−21 y.o.
Male x Patriliny
0
20
40
Odds Ratios

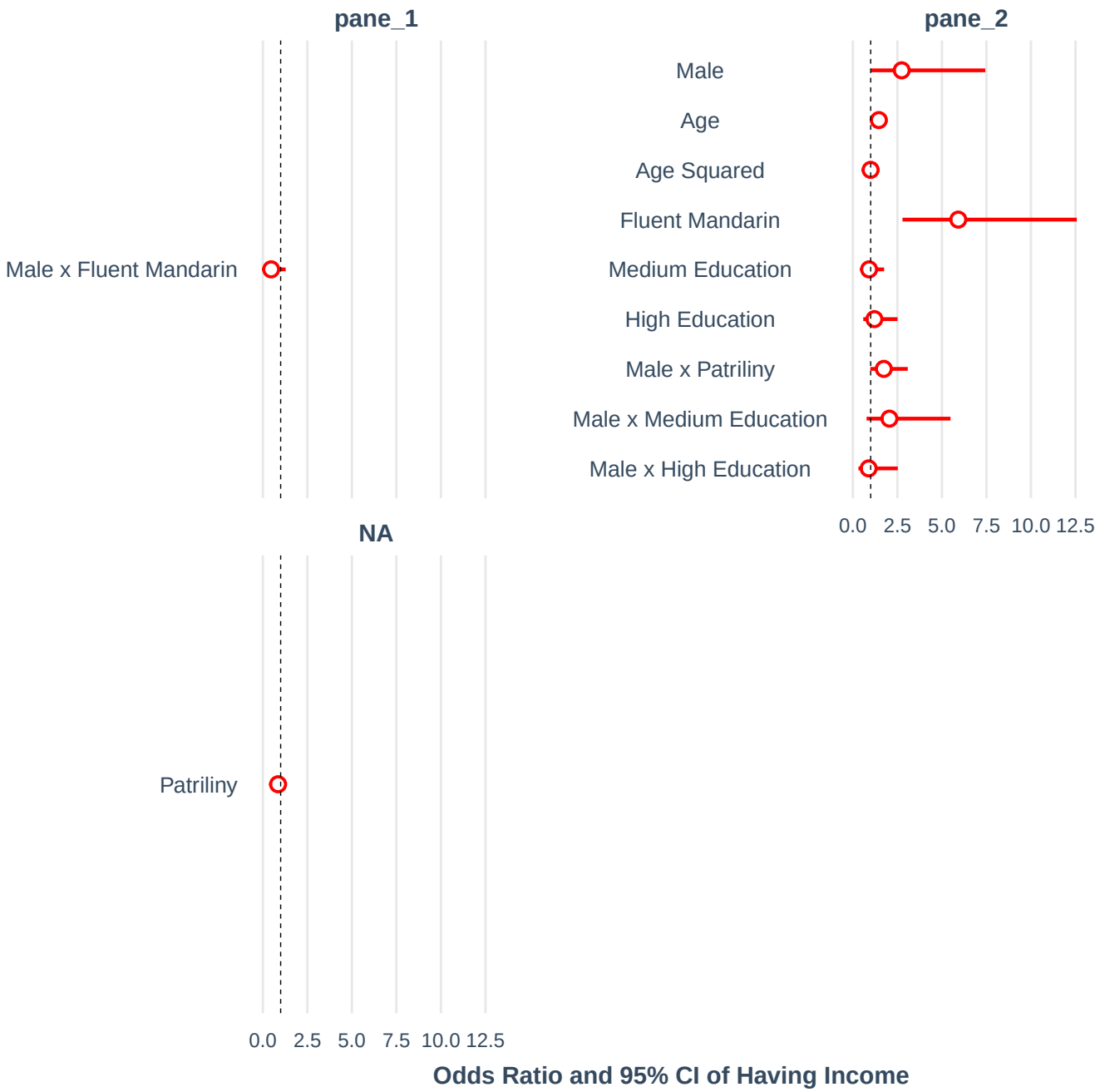

Male
Patriliny
Parents Speak Some Mandarin
Parents Fluent in Mandarin
Cohort 42−61 y.o.
Cohort 22−41 y.o.
Cohort 17−21 y.o.
Male x Patriliny
0
20
40
Odds Ratios

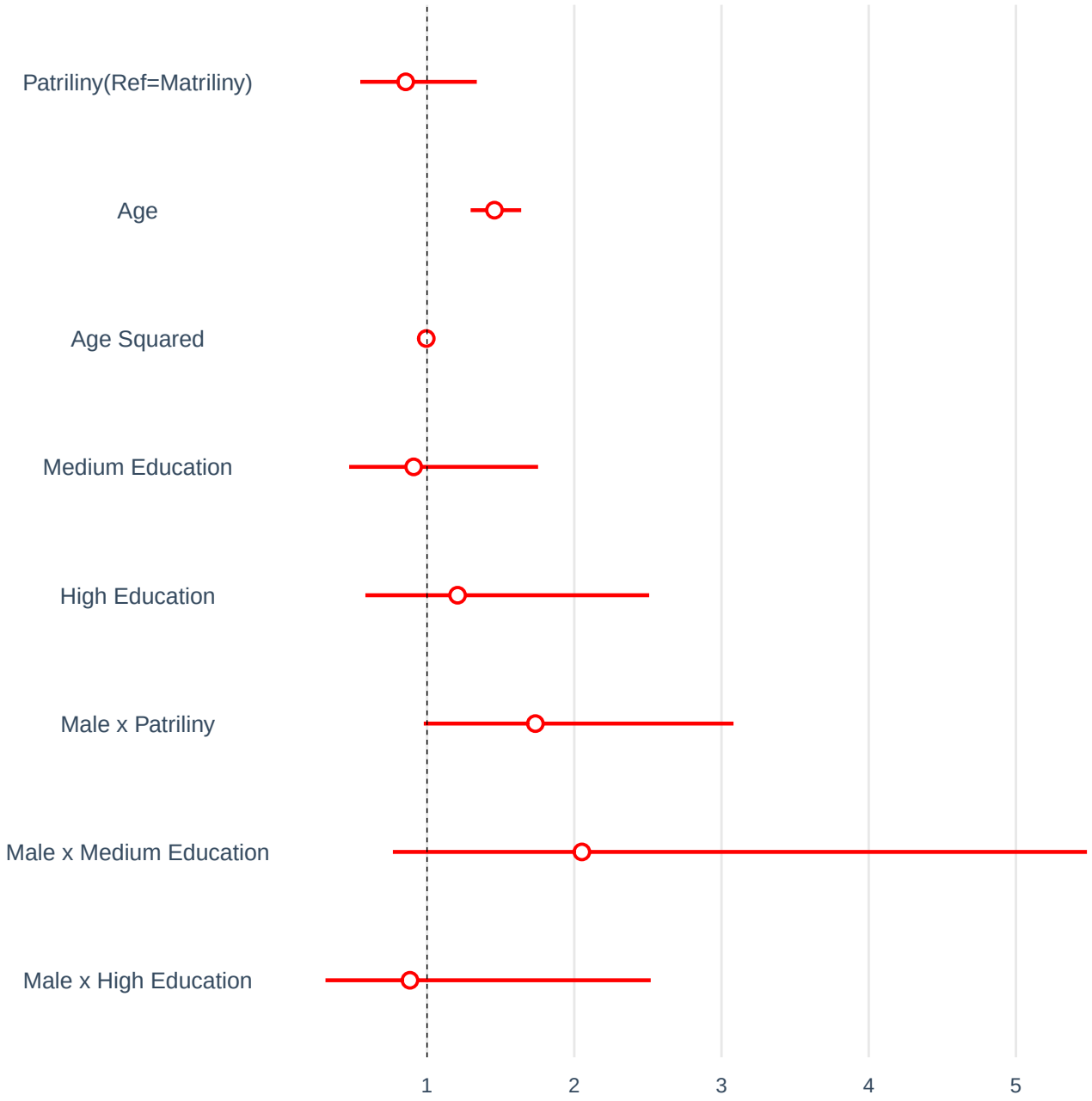

Male
Patriliny (Ref=Matriliny)
Parents' Fluency in Mandarin=Some (Ref=None)
Parents' Fluency in Mandarin=Fluent
Male x Patriliny
0
2
4
6
8

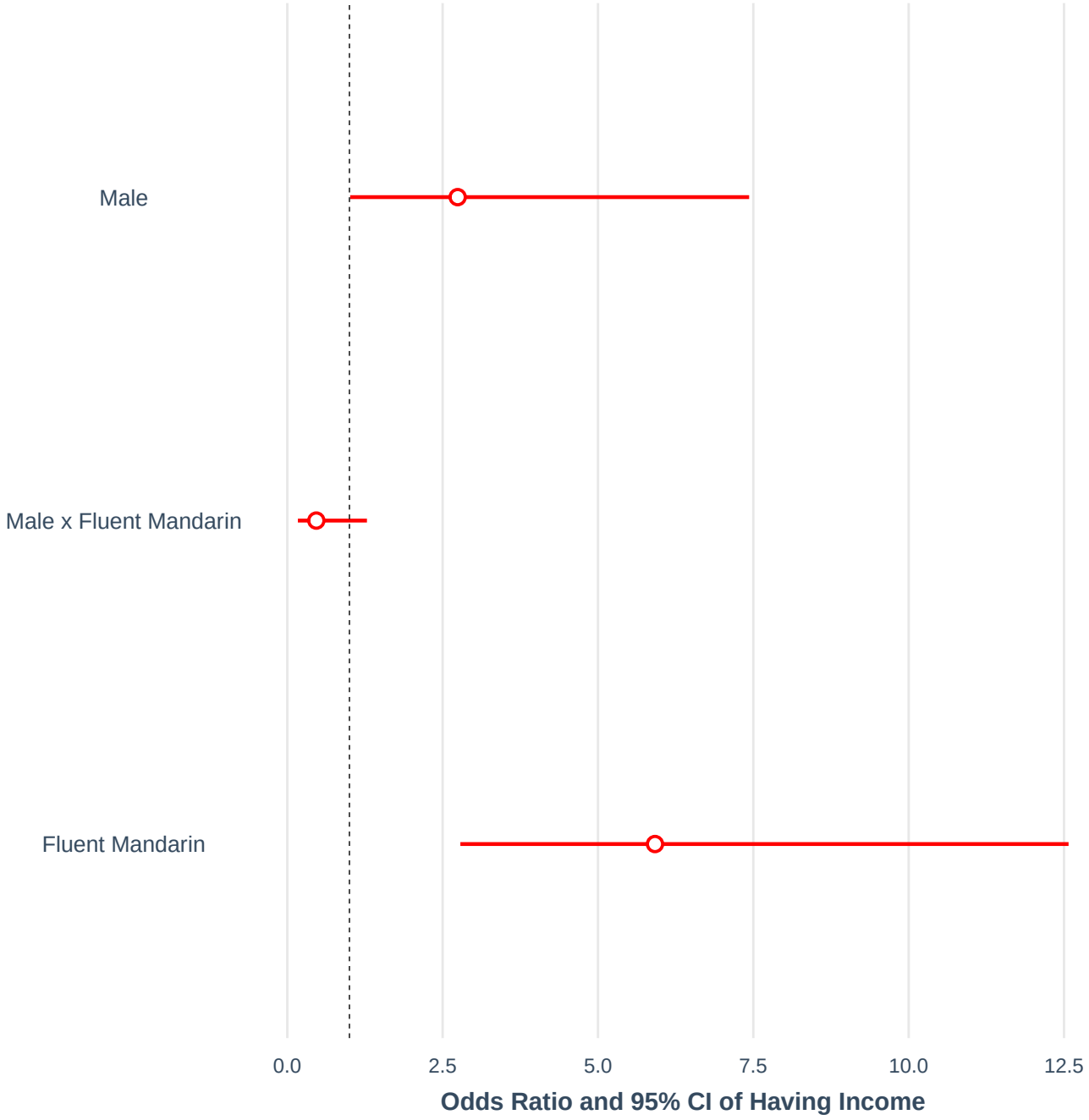

C1
Male
Patriliny (Ref=Matriliny)
Parents' Fluency in Mandarin=Some (Ref=None)
Parents' Fluency in Mandarin=Fluent
Male x Patriliny
0
2
4
6
8
C2
Cohort 42−61 y.o. (Ref=62+ y.o.)
Cohort 22−41 y.o.
Cohort 17−21 y.o.
0
20
40
Odds Ratio and 95% CI of Increasing Education Level

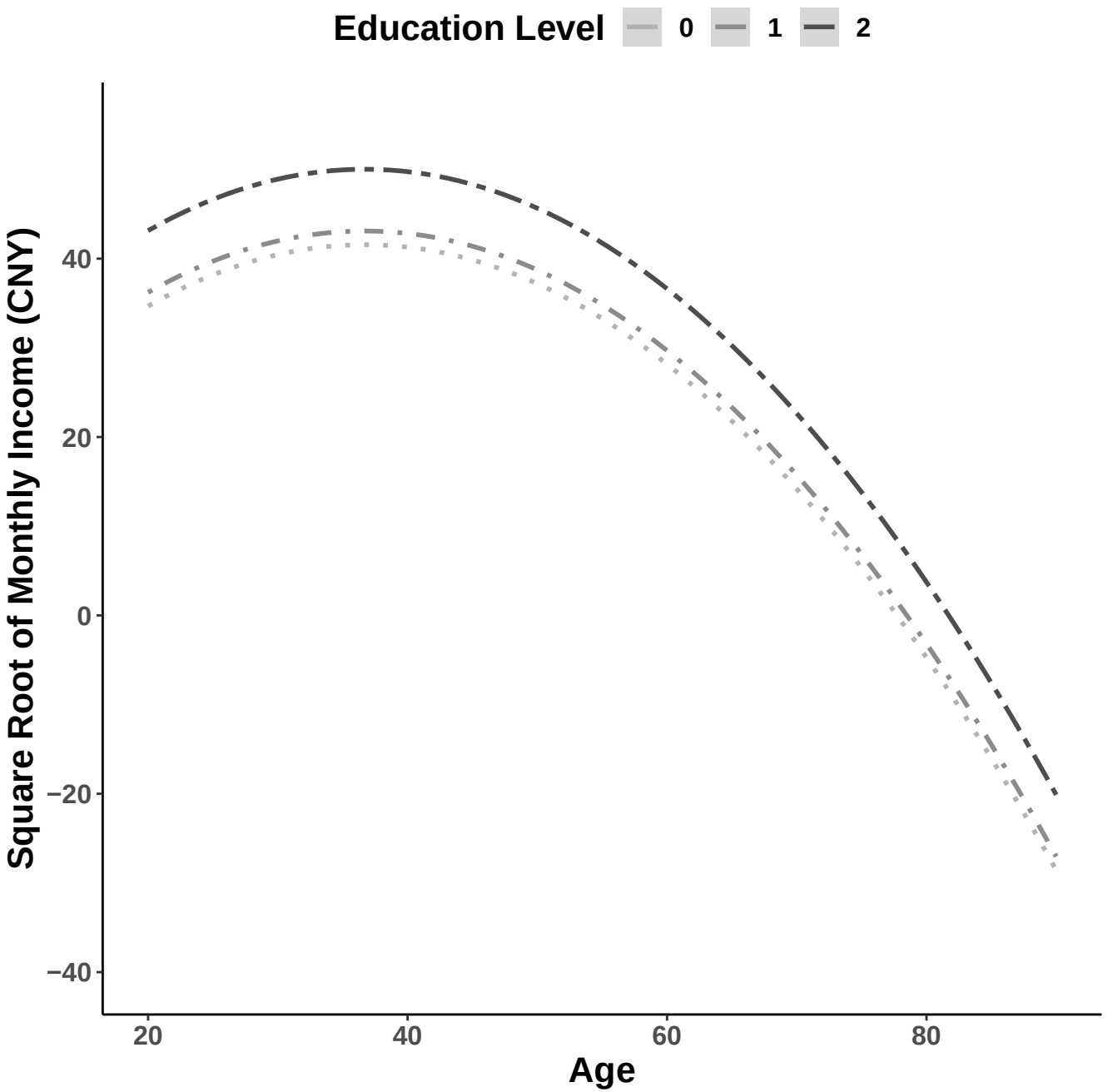

Age
Fluent in Mandarin
Some Education
High Education
0
5
10
15
Beta Coefficients

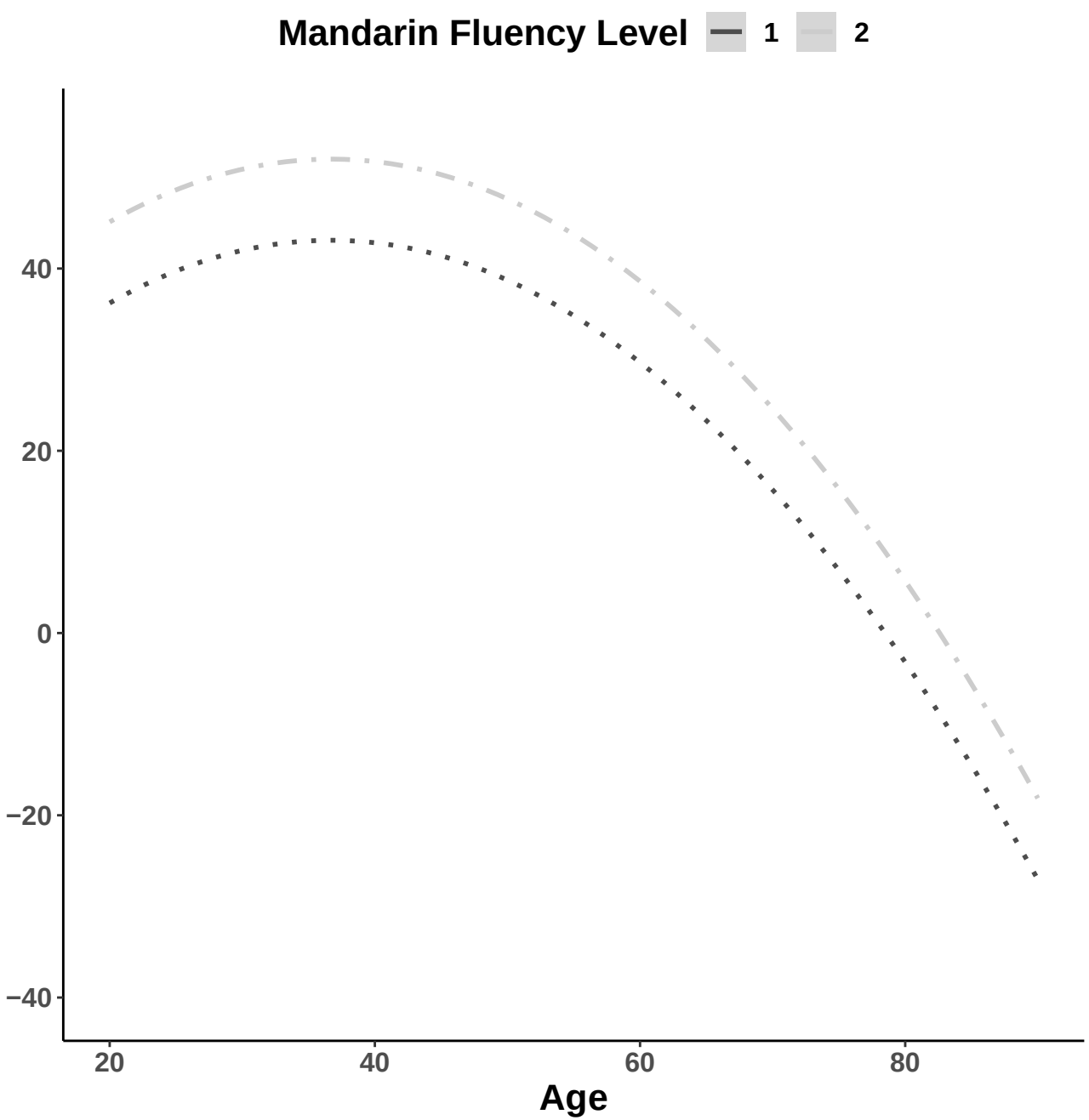

Male
Patriliny
Age
Age Squared
Fluent in Mandarin
Some Education
High Education
Male x Patriliny
Male x Some Education
Male x High Education
Male x Fluent Mandarin
0.0
2.5
5.0
7.5
10.0
12.5
Odds Ratios

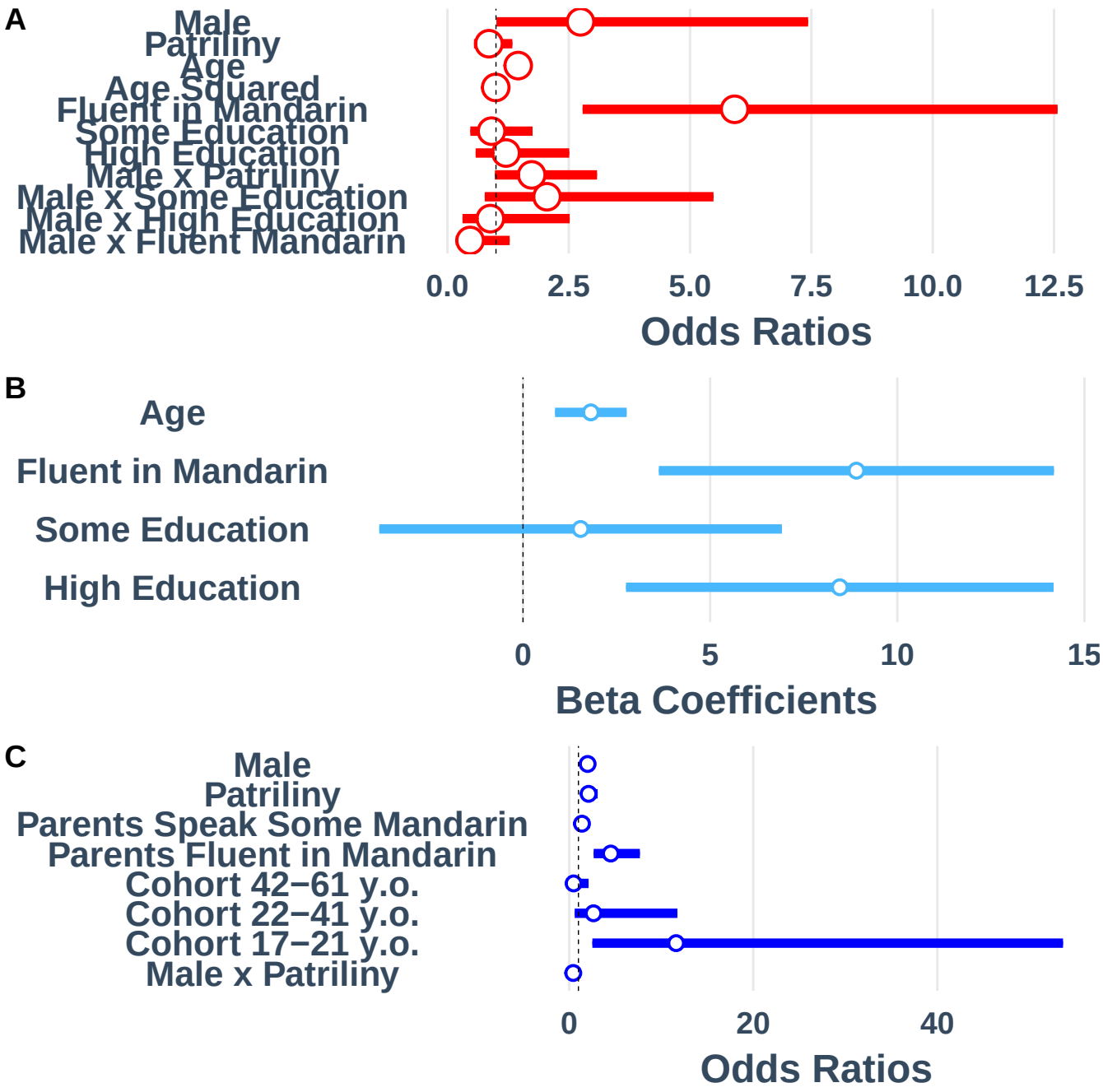

pane_1
Male x Fluent Mandarin
pane_2
Male
Age
Age Squared
Fluent Mandarin
Medium Education
High Education
Male x Patriliny
Male x Medium Education
Male x High Education
0.0 2.5 5.0 7.5 10.0 12.5
NA
Patriliny
0.0 2.5 5.0 7.5 10.0 12.5
Odds Ratio and 95% CI of Having Income

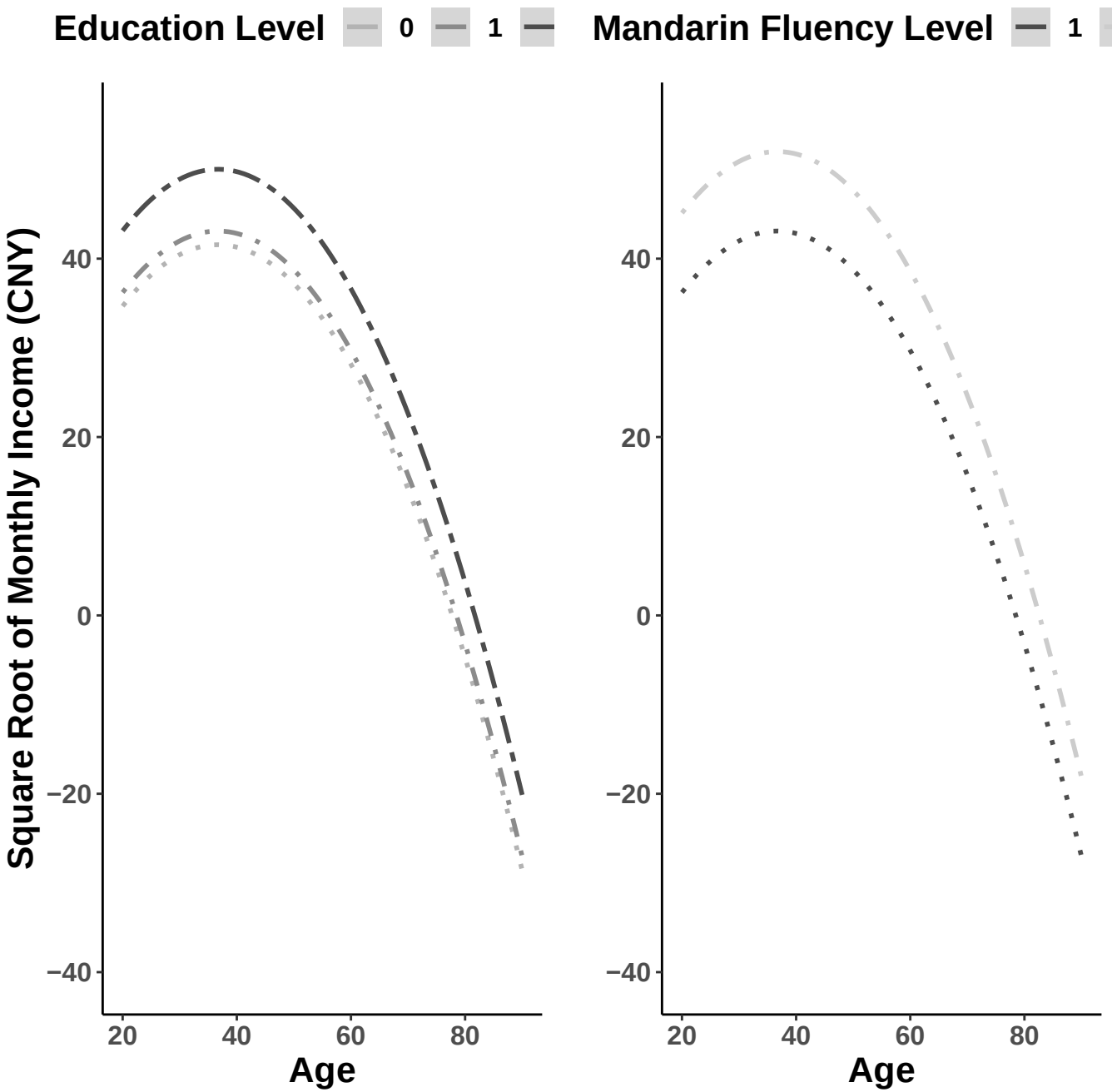

Patriliny(Ref=Matriliny)
Age
Age Squared
Medium Education
High Education
Male x Patriliny
Male x Medium Education
Male x High Education
1
2
3
4
5

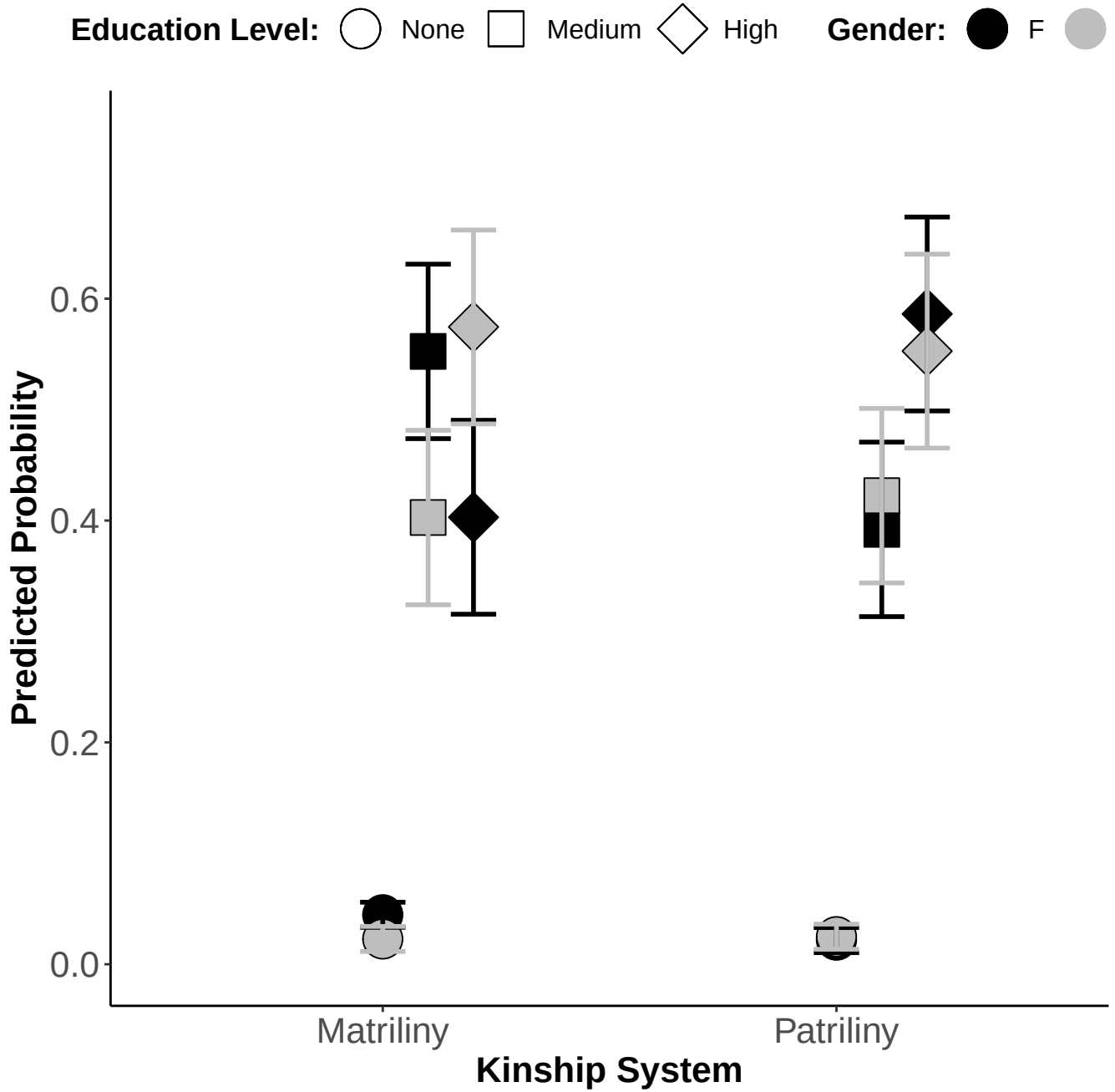

Male
Male x Fluent Mandarin
Fluent Mandarin
0.0
2.5
5.0
7.5
10.0
12.5
Odds Ratio and 95% CI of Having Income


Education Level
0
1
2
Square Root of Monthly Income (CNY)
40
20
0
−20
−40
20
40
60
80
Age


Mandarin Fluency Level
1
2
40
20
0
−20
−40
20
40
60
80
Age


A
Male
Patriliny
Age
Age Squared
Fluent in Mandarin
Some Education
High Education
Male x Patriliny
Male x Some Education
Male x High Education
Male x Fluent Mandarin
0.0
2.5
5.0
7.5
10.0
12.5
Odds Ratios
B
Age
Fluent in Mandarin
Some Education
High Education
0
5
10
15
Beta Coefficients
C
Male
Patriliny
Parents Speak Some Mandarin
Parents Fluent in Mandarin
Cohort 42−61 y.o.
Cohort 22−41 y.o.
Cohort 17−21 y.o.
Male x Patriliny
0
20
40
Odds Ratios


Education Level
0
1
Mandarin Fluency Level
1
Square Root of Monthly Income (CNY)
40
20
0
−20
−40
20
40
60
80
Age
40
20
0
−20
−40
20
40
60
80
Age


Education Level:
None
Medium
High
Gender:
F
Predicted Probability
0.6
0.4
0.2
0.0
Matriliny
Patriliny
Kinship System