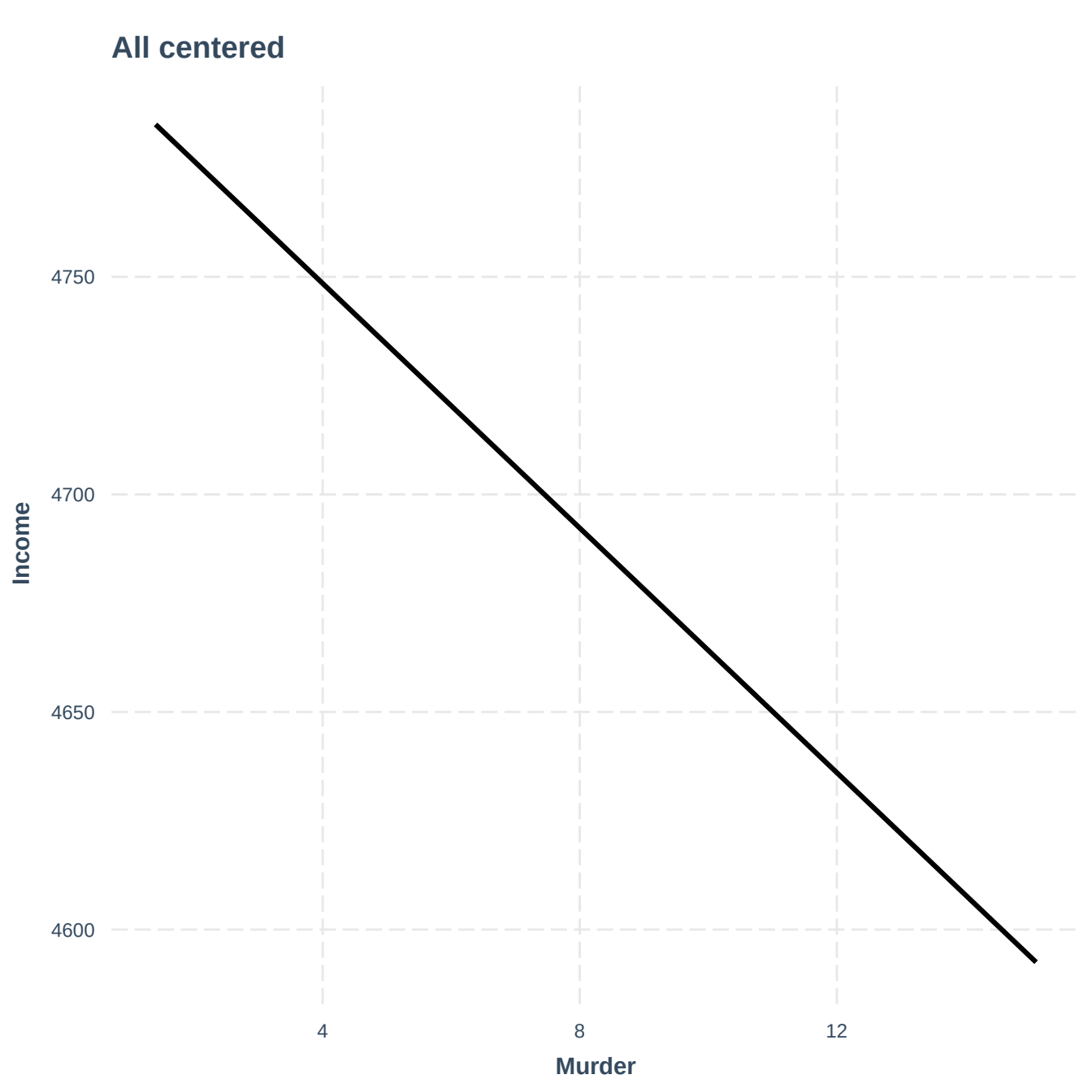
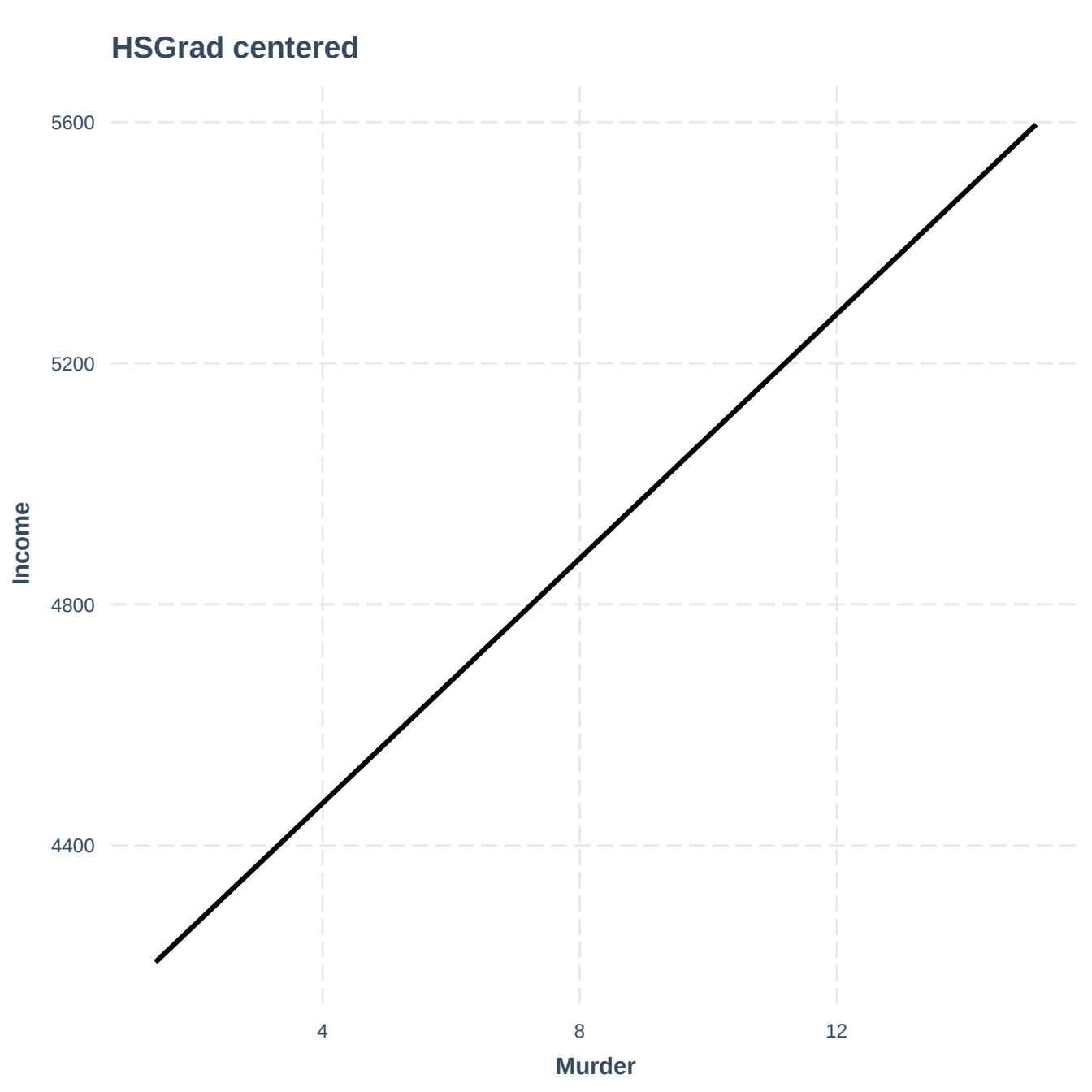
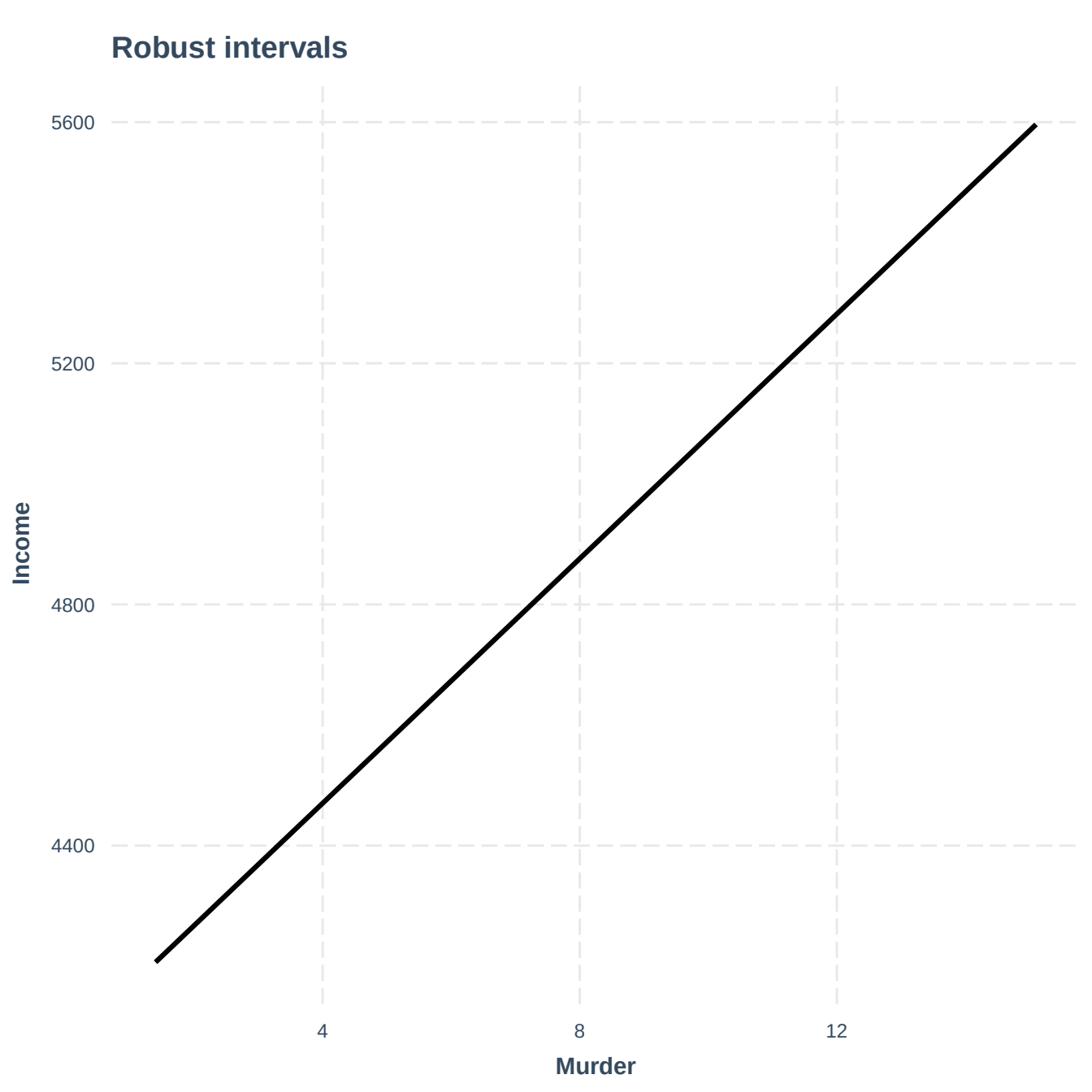
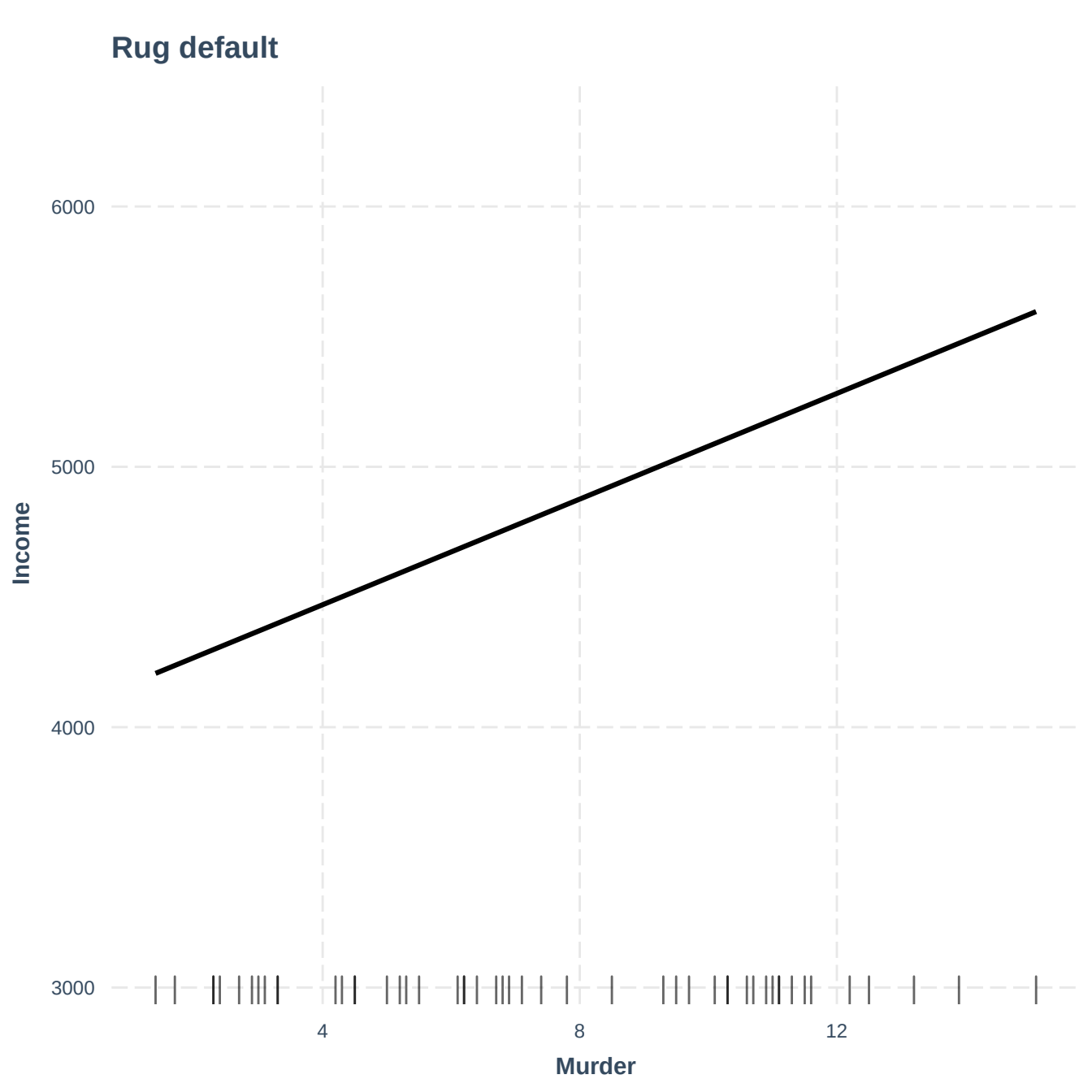
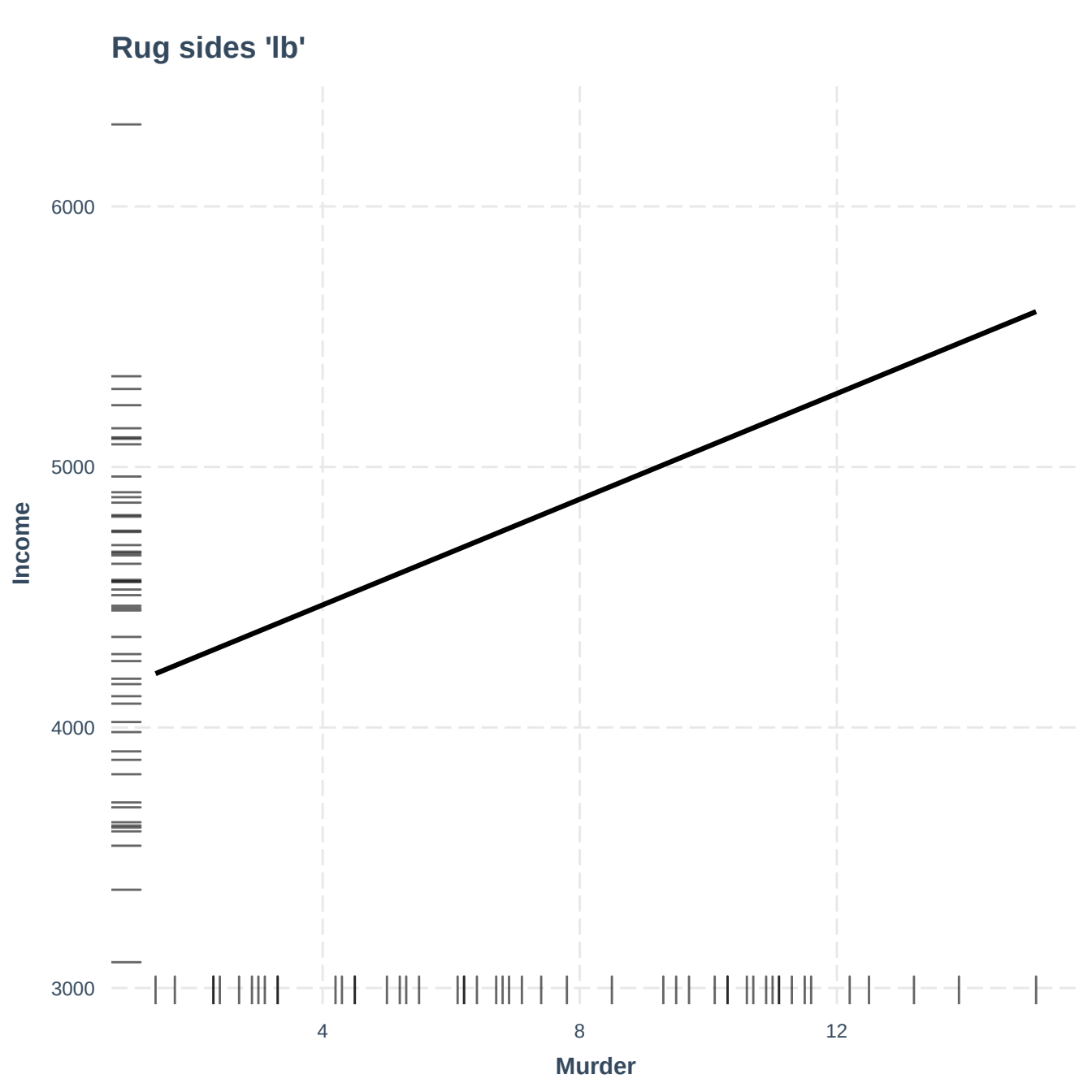
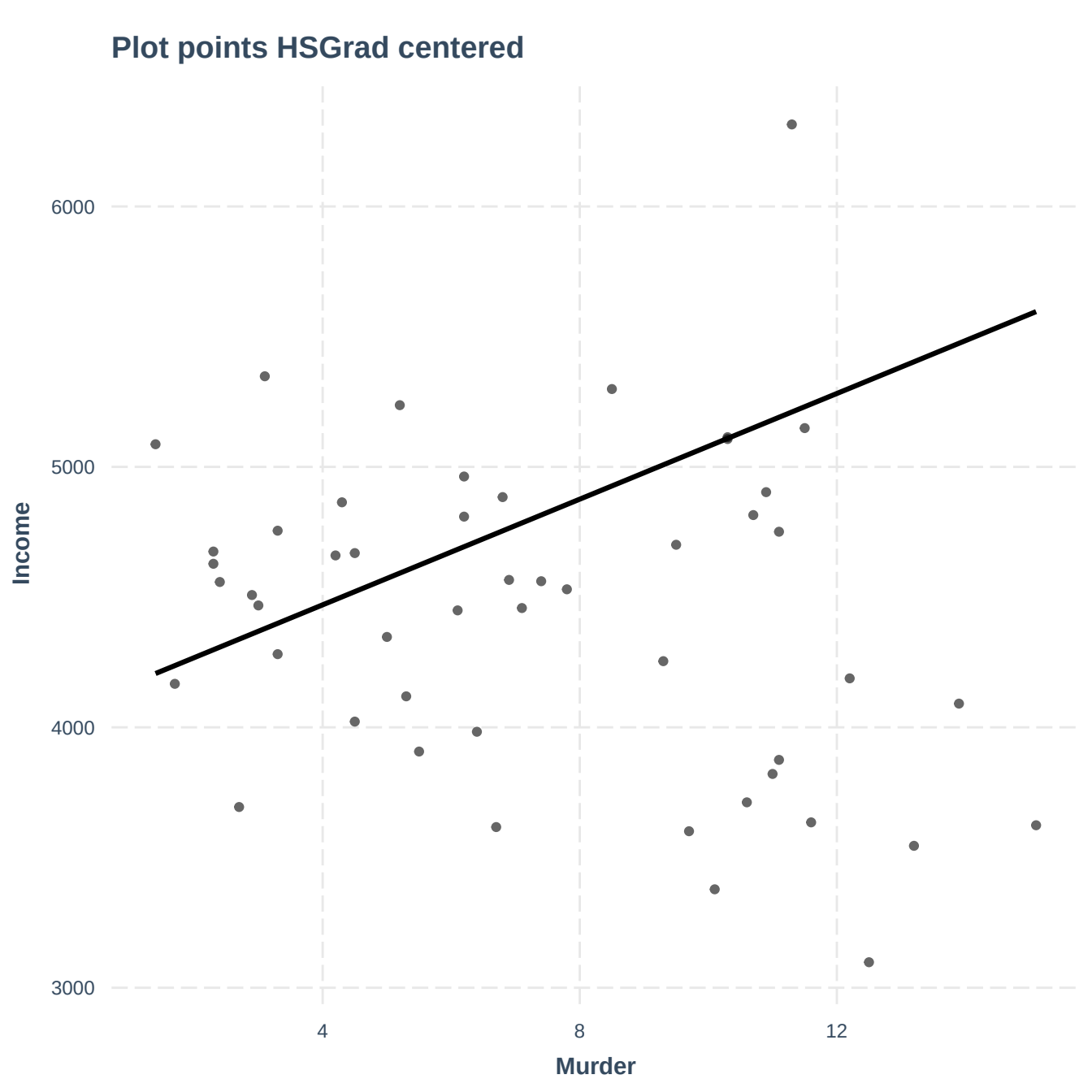

All centered
4750
4700
4650
4600
Income
4
8
12
Murder

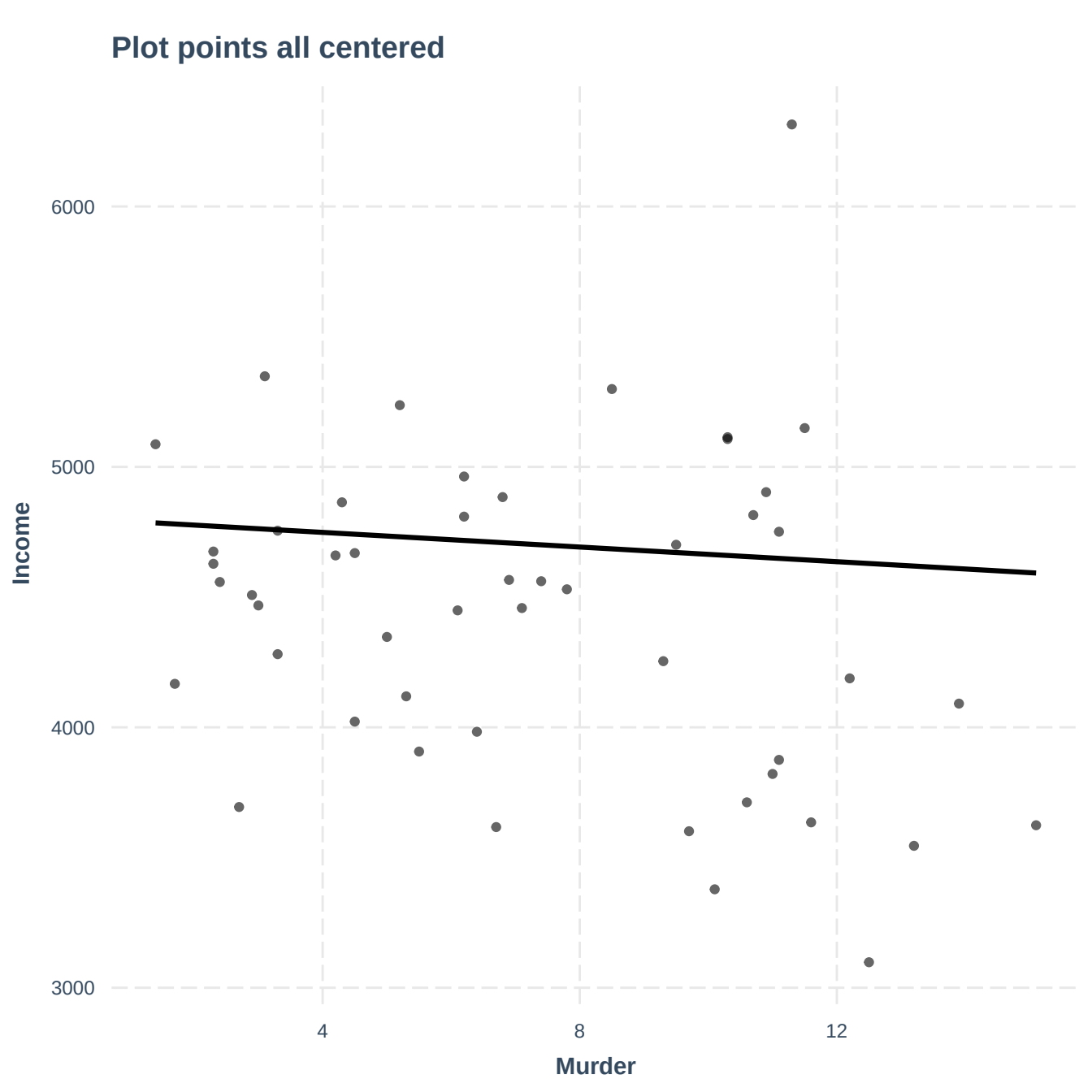

HSGrad centered
5600
5200
4800
4400
Income
4
8
12
Murder

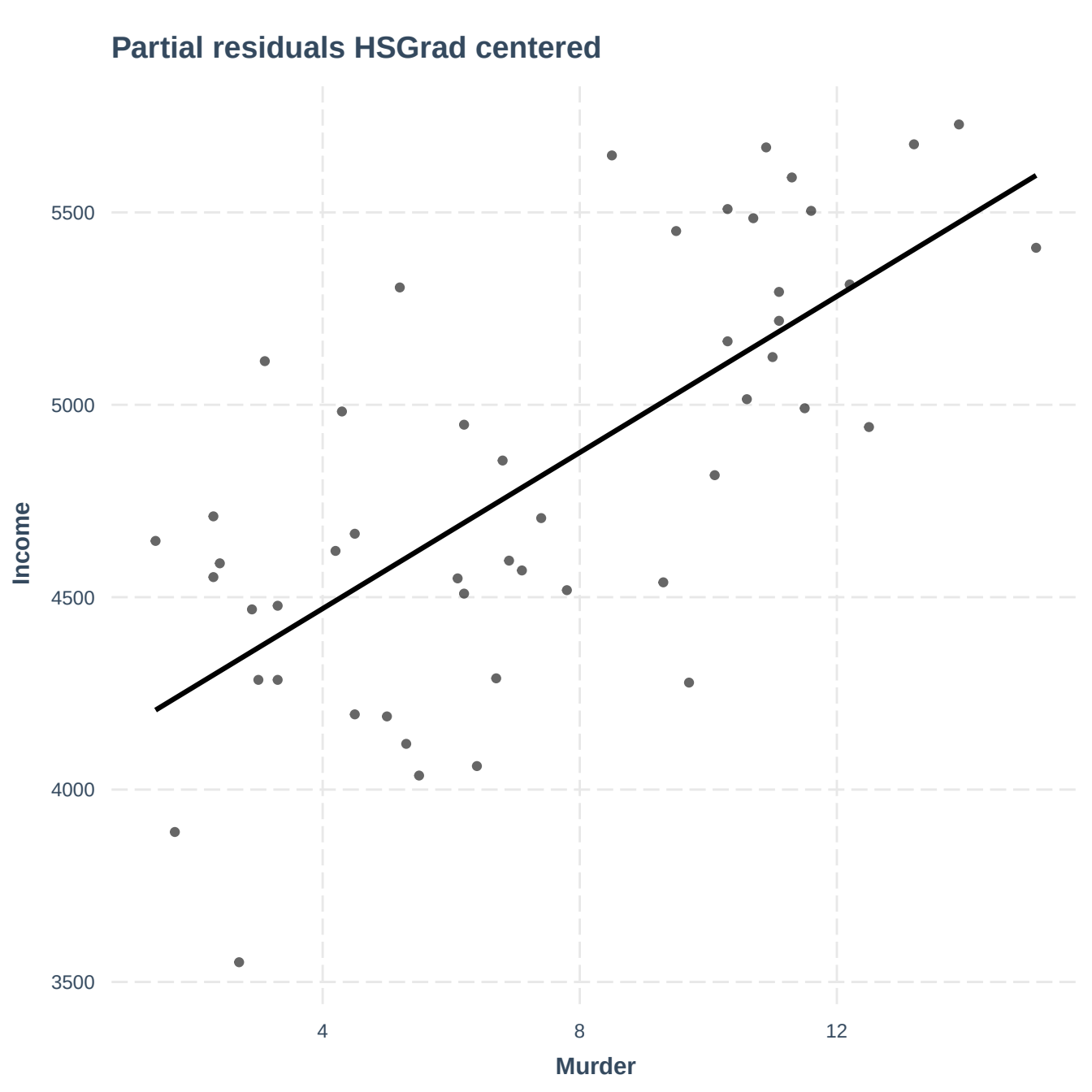

Robust intervals
5600
5200
4800
4400
Income
4
8
12
Murder

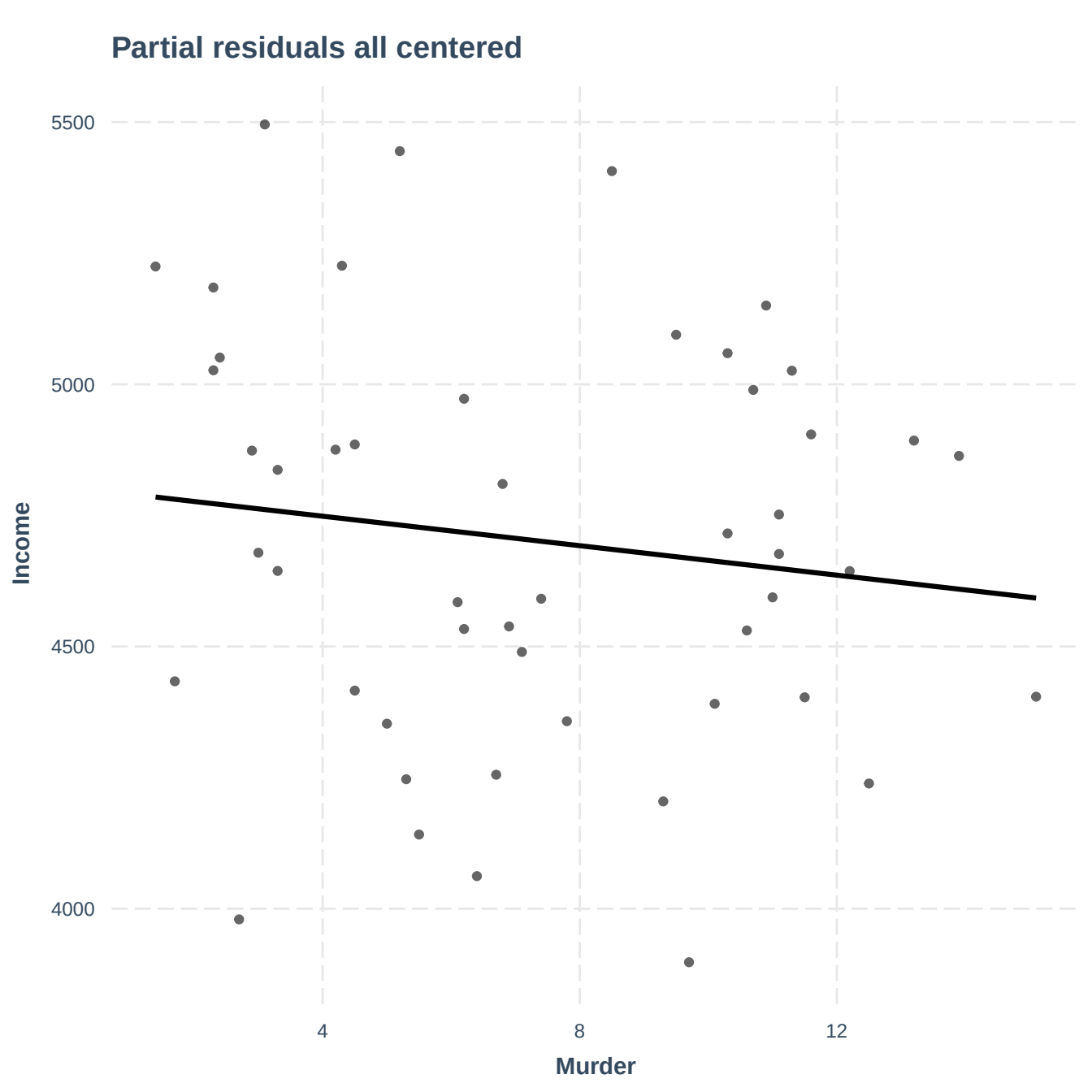

Rug default
6000
5000
4000
3000
Income
4
8
12
Murder

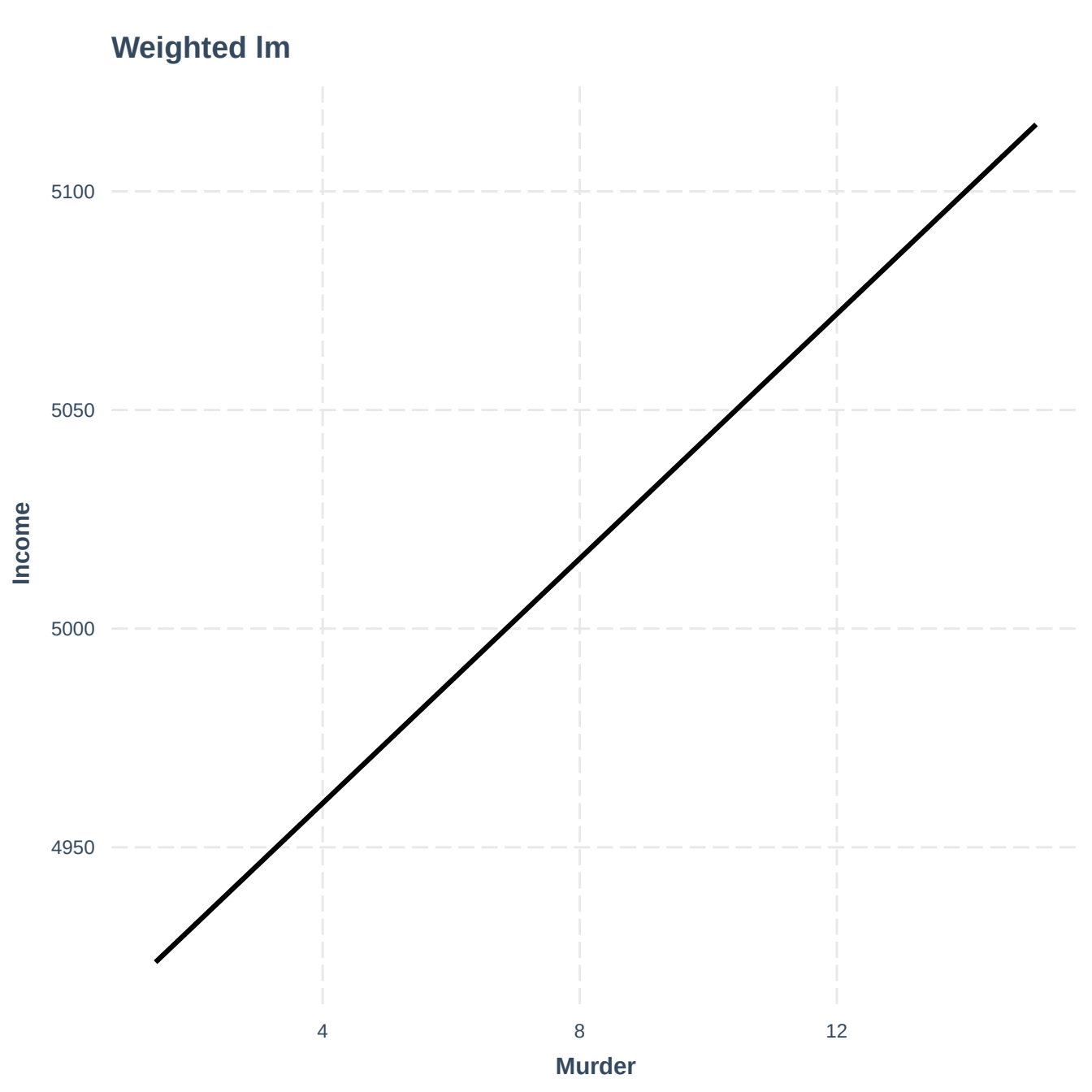

Rug sides 'lb'
6000
5000
4000
3000
Income
4
8
12
Murder

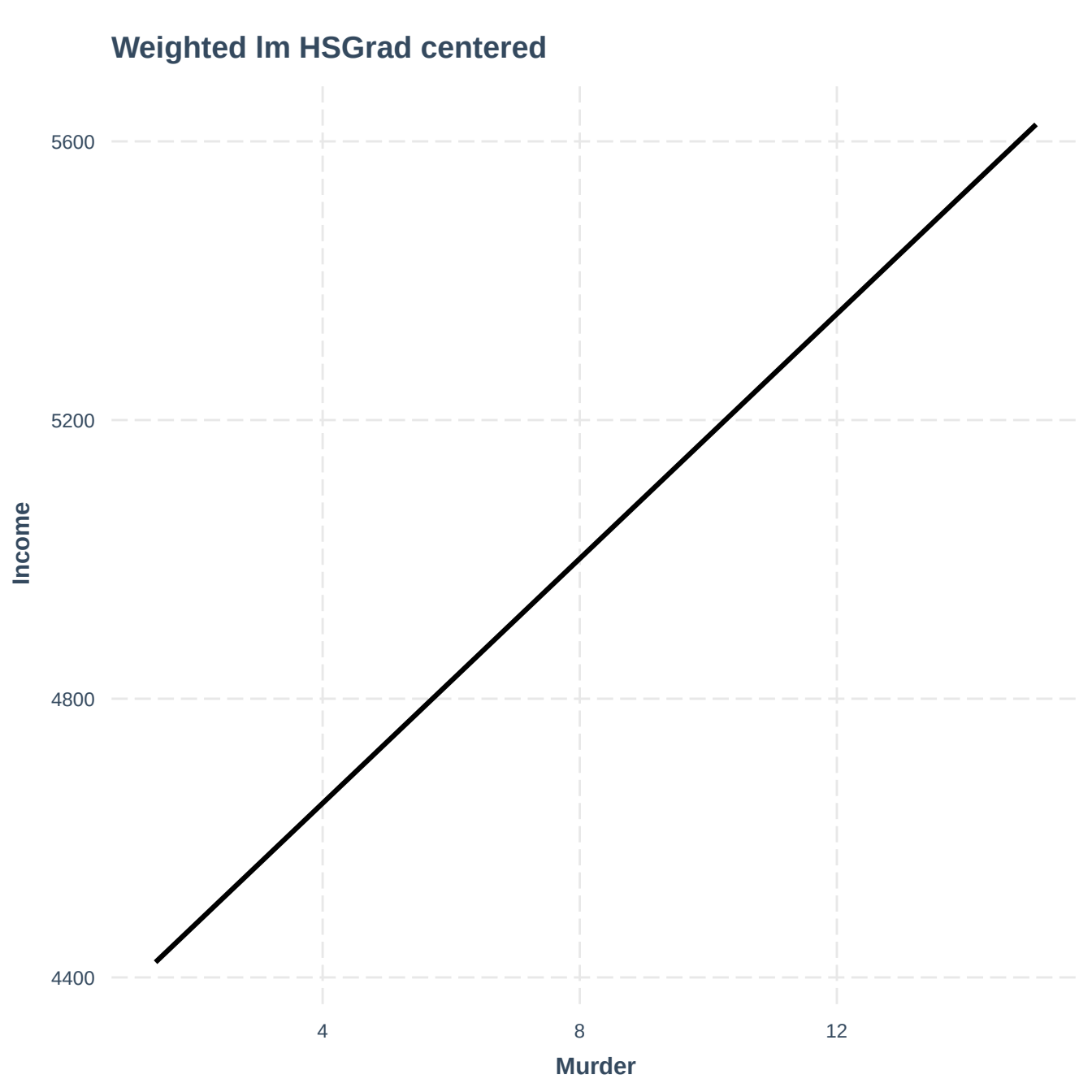

Plot points HSGrad centered
6000
5000
4000
3000
Income
4
8
12
Murder

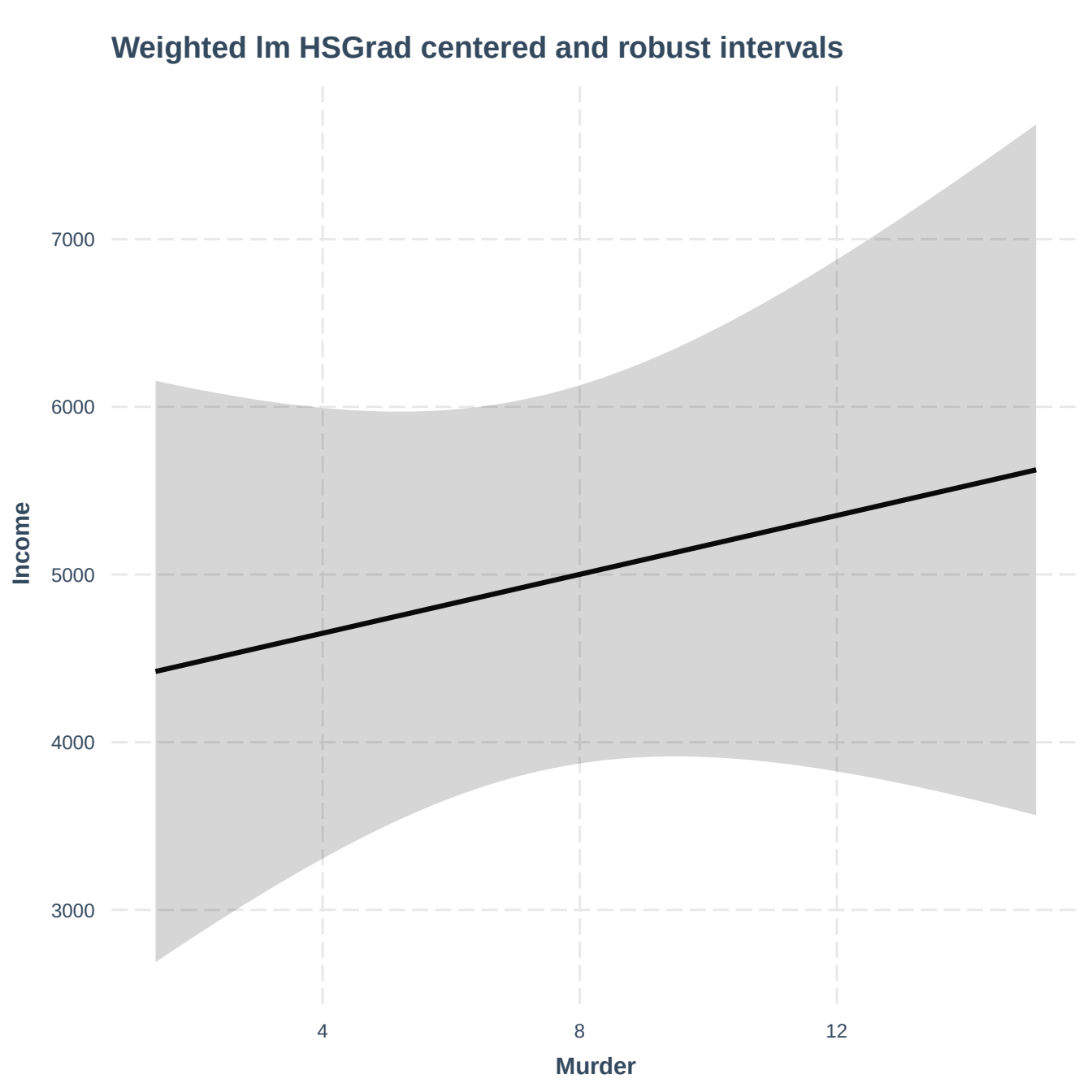

Plot points all centered
6000
5000
4000
3000
Income
4
8
12
Murder

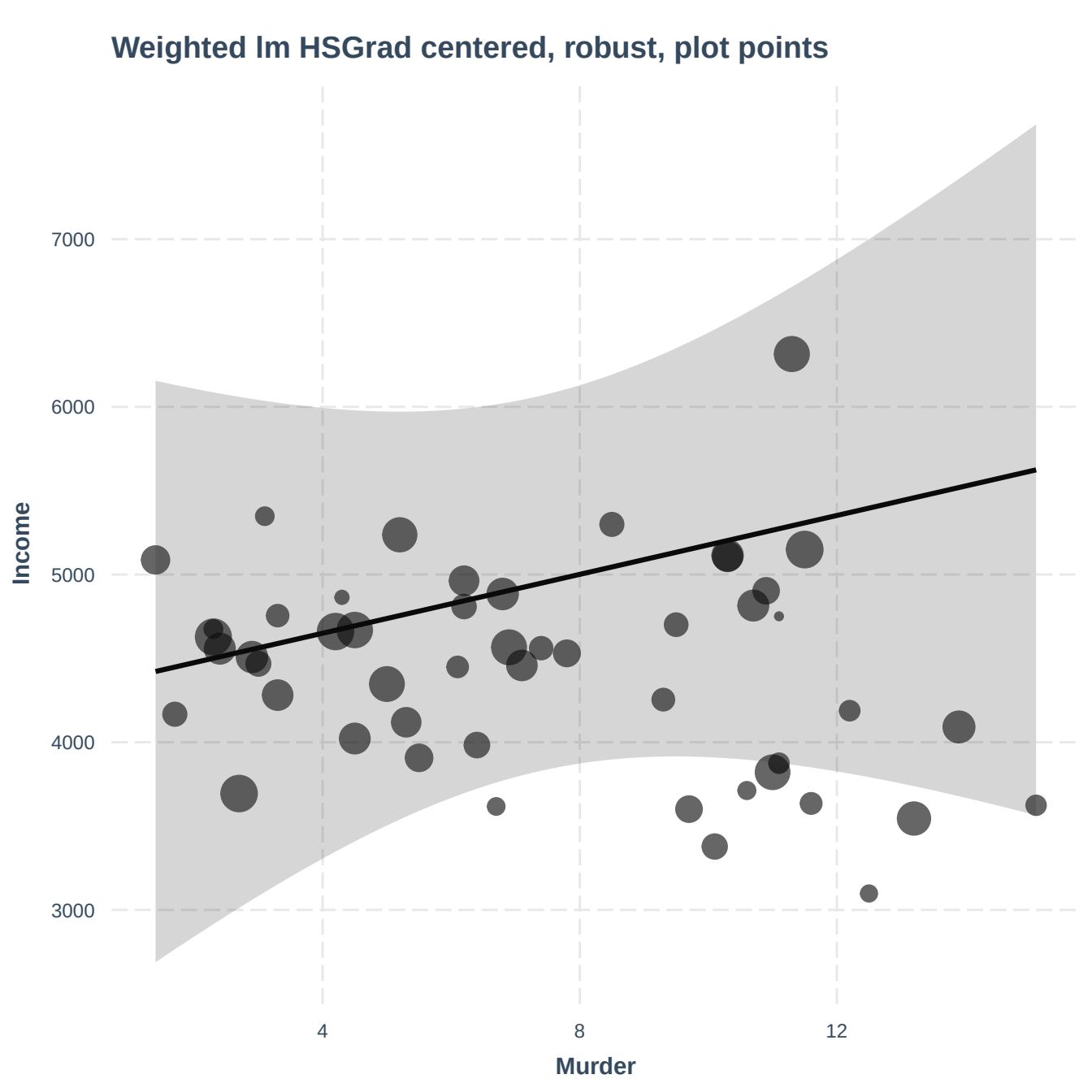

Partial residuals HSGrad centered
Income
5500
5000
4500
4000
3500
4
8
12
Murder

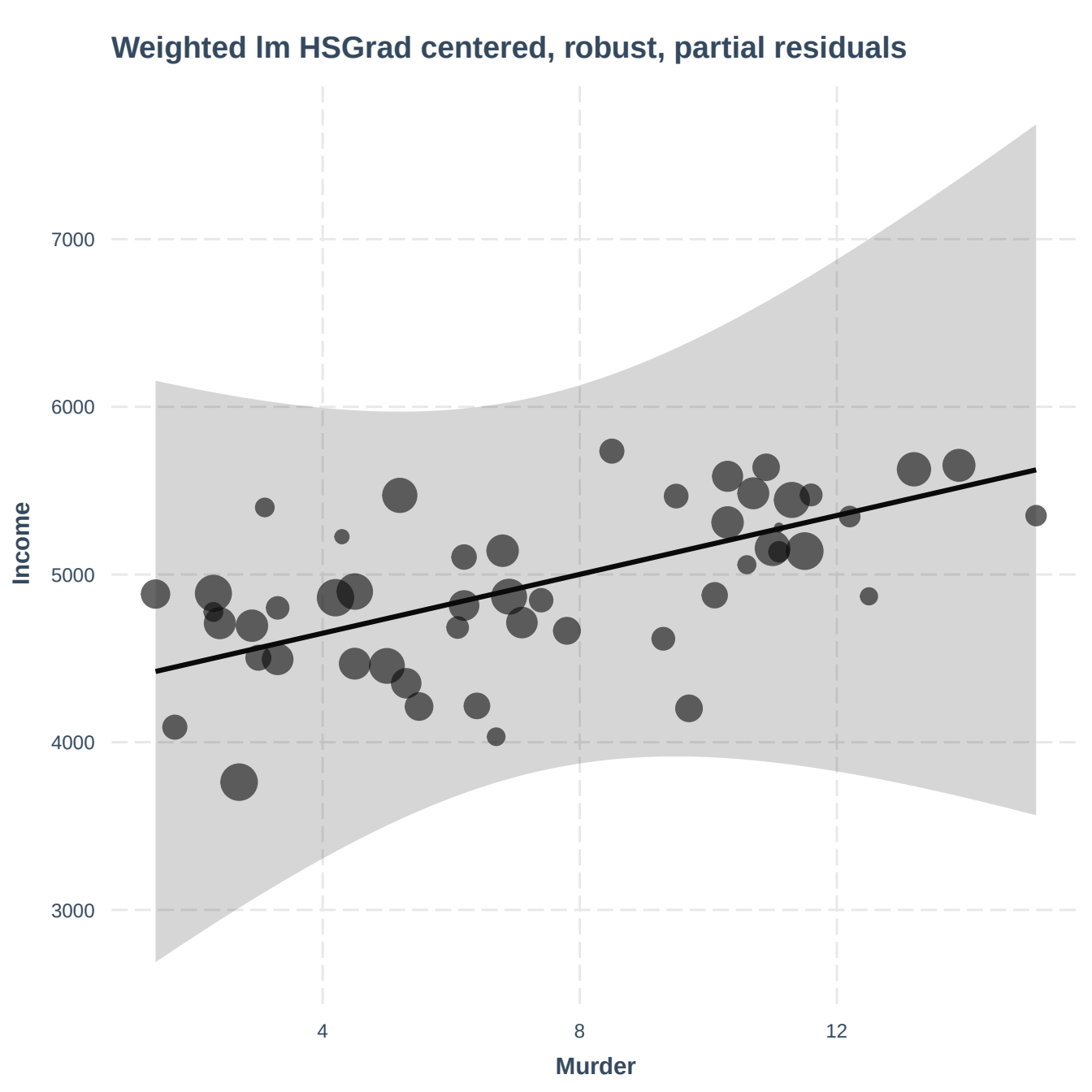

Partial residuals all centered
5500
5000
4500
4000
Income
4
8
12
Murder

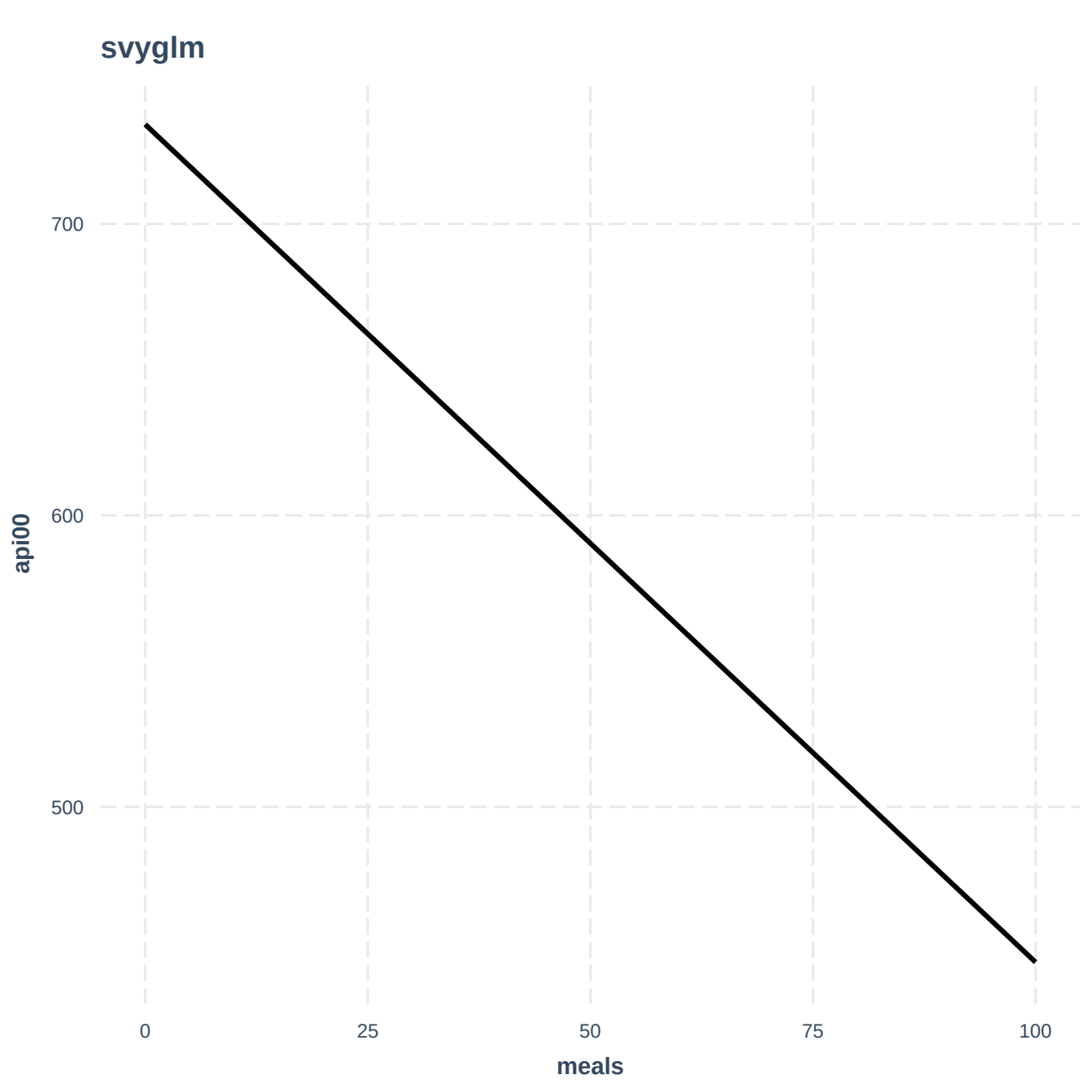

Weighted lm
5100
5050
5000
4950
Income
4
8
12
Murder

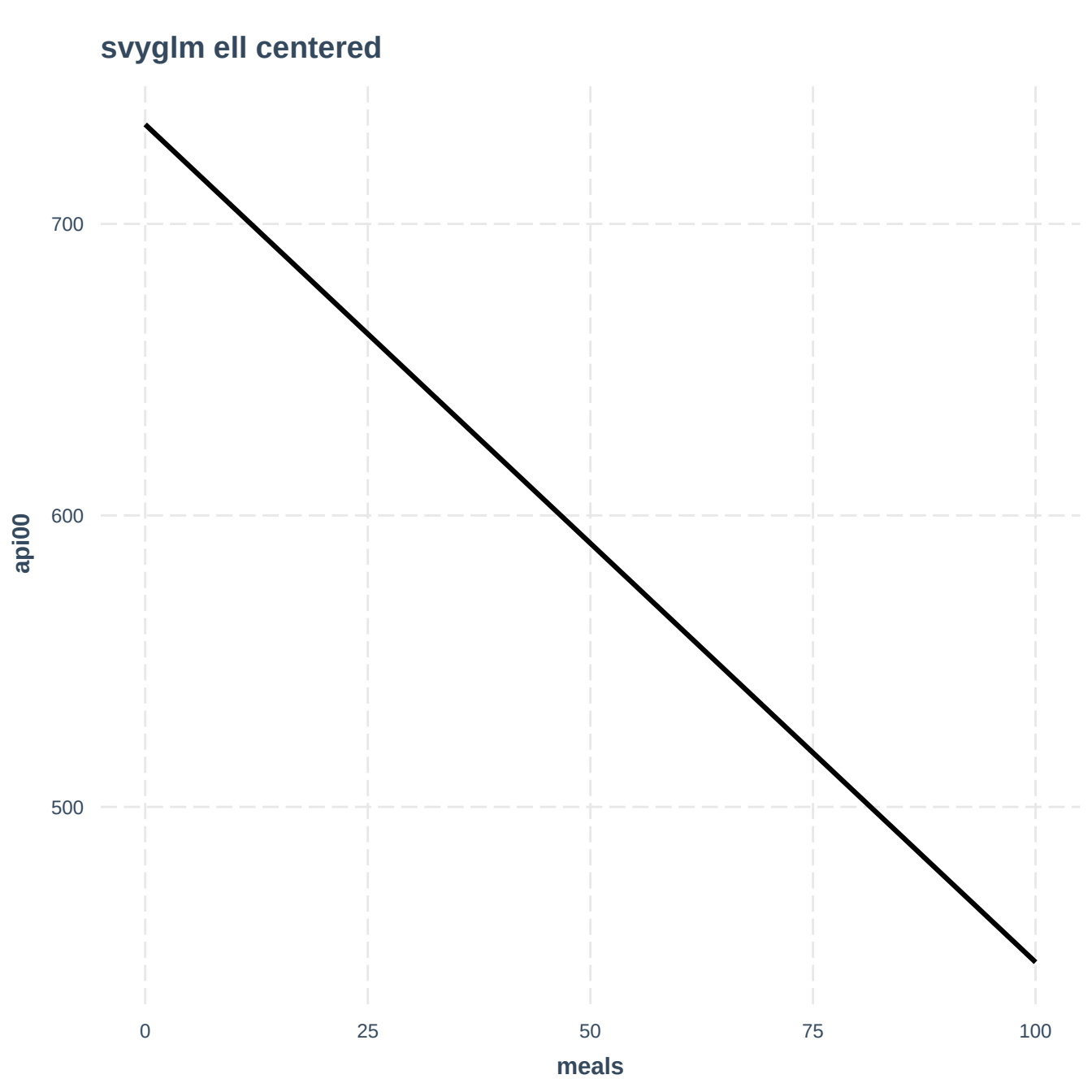

Weighted lm HSGrad centered
5600
5200
4800
4400
Income
4
8
12
Murder

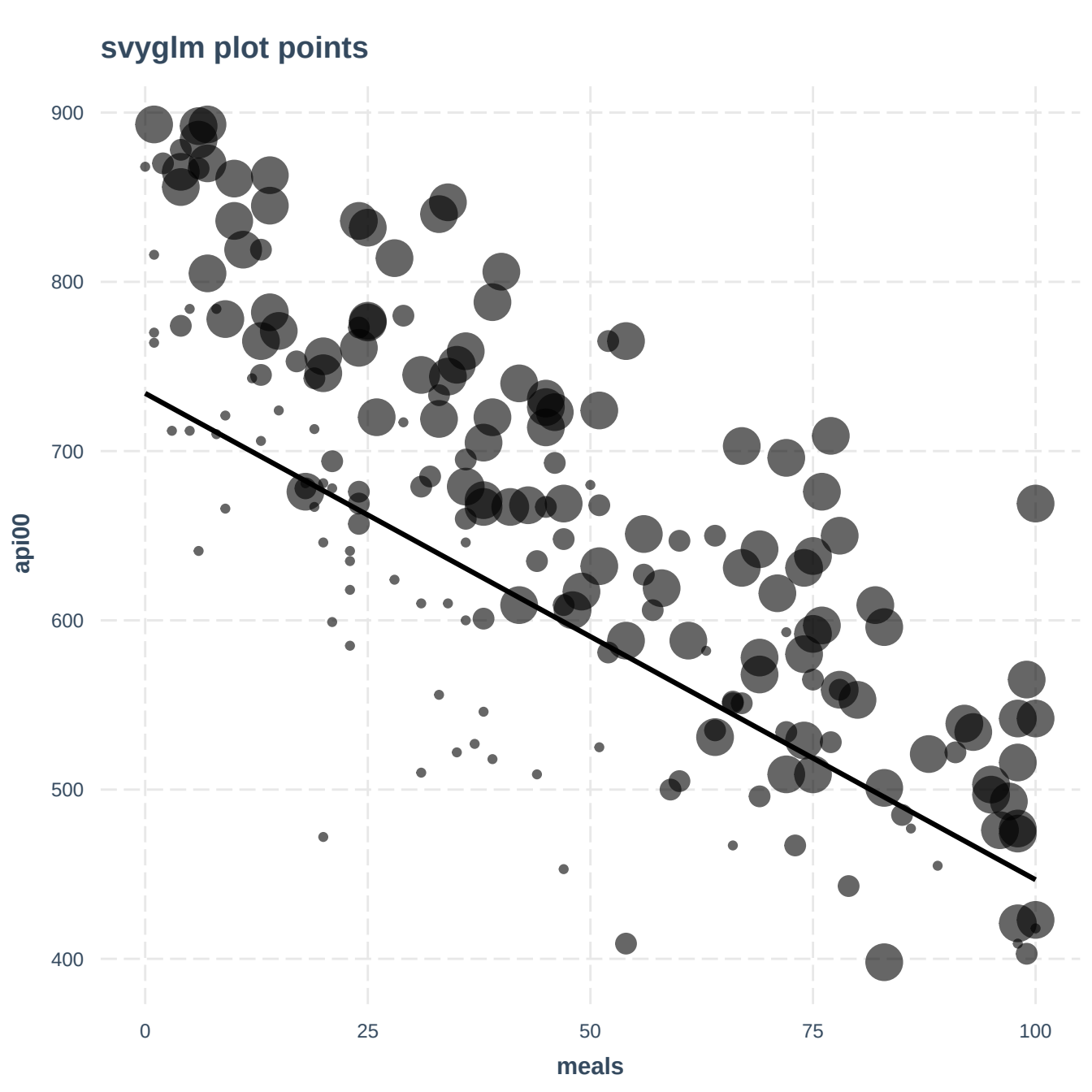

Weighted lm HSGrad centered and robust intervals
7000
6000
5000
4000
3000
Income
4
8
12
Murder

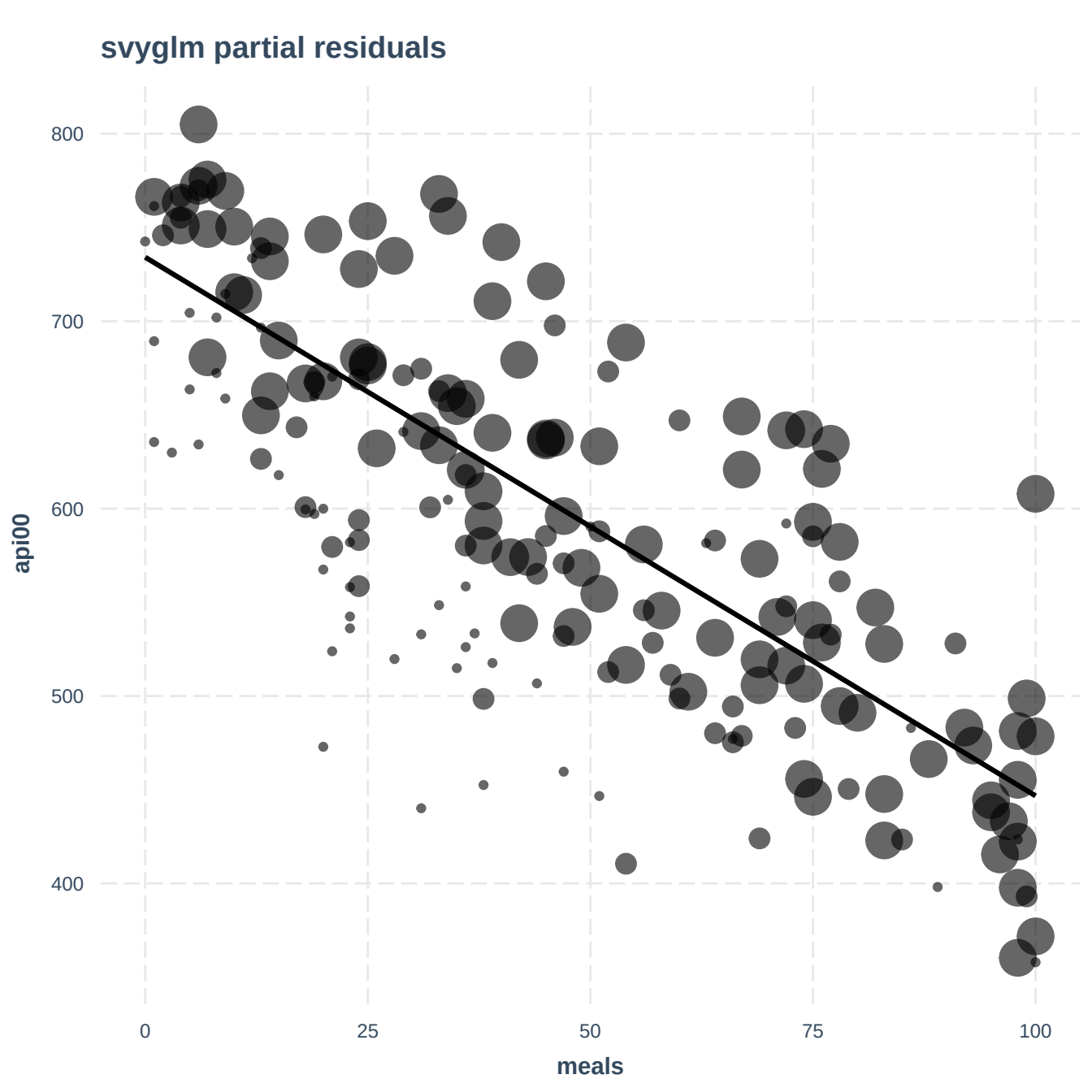

Weighted lm HSGrad centered, robust, plot points
7000
6000
5000
4000
3000
Income
4
8
12
Murder

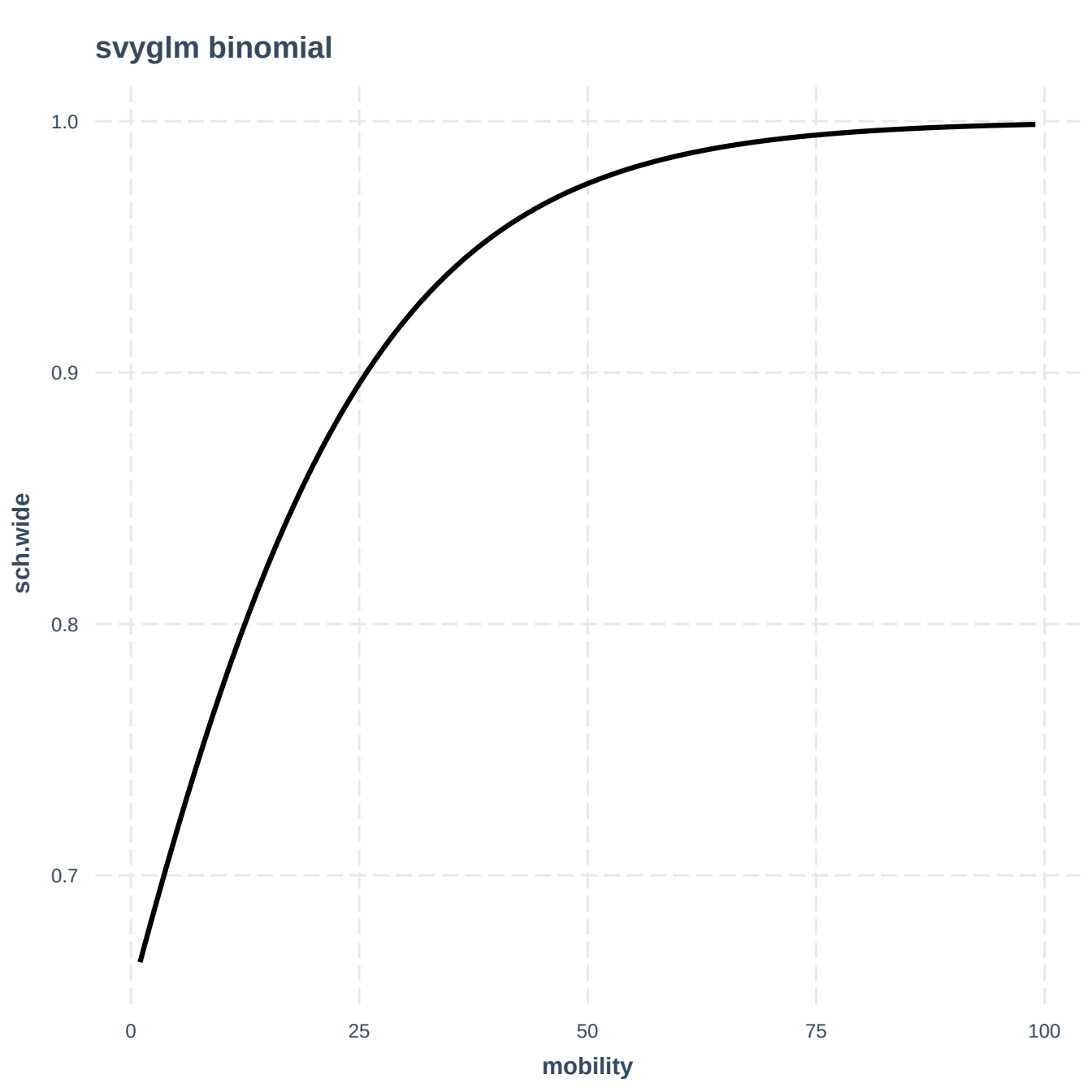

Weighted lm HSGrad centered, robust, partial residuals
Income
7000
6000
5000
4000
3000
4
8
12
Murder

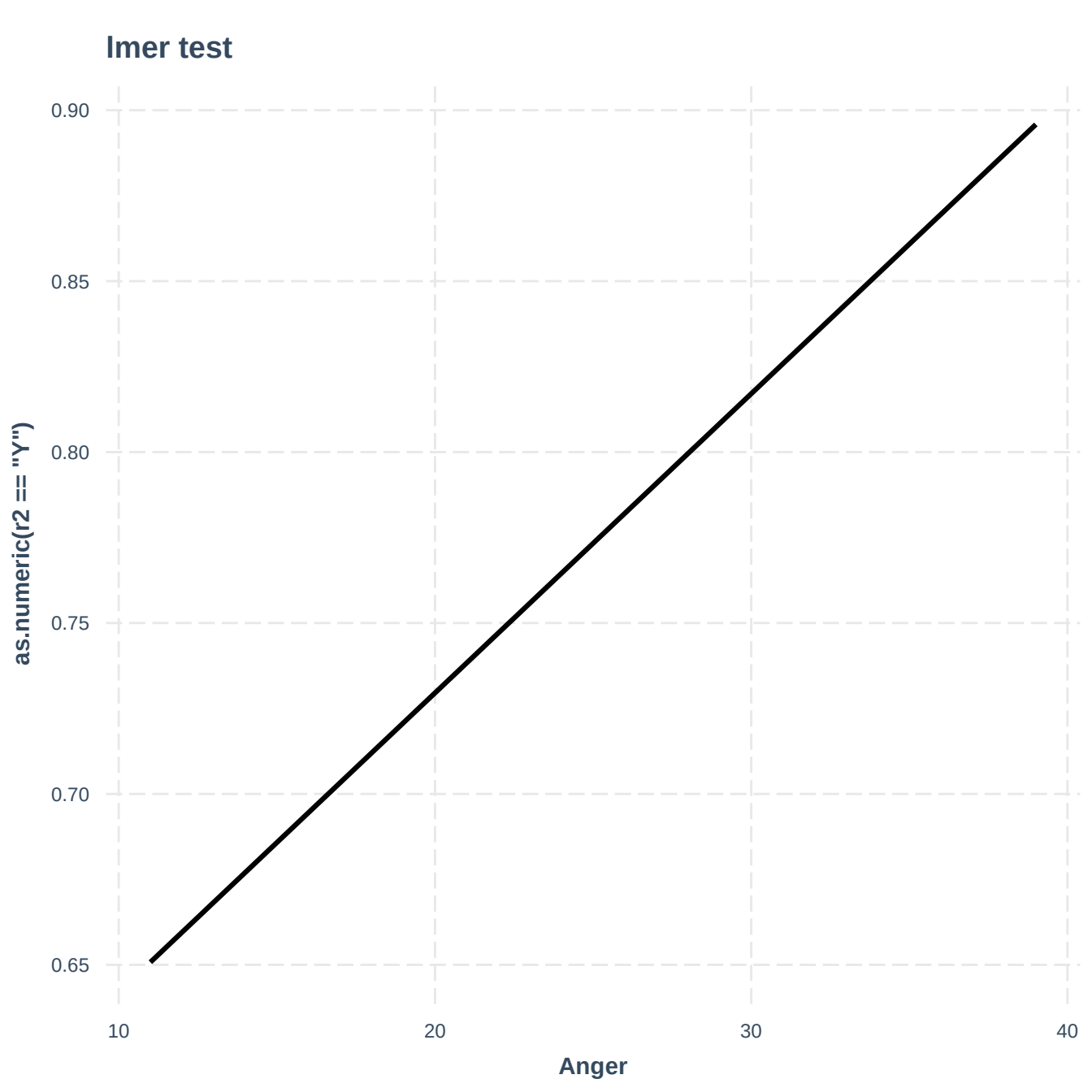

svyglm
700
600
500
api00
0
25
50
75
100
meals

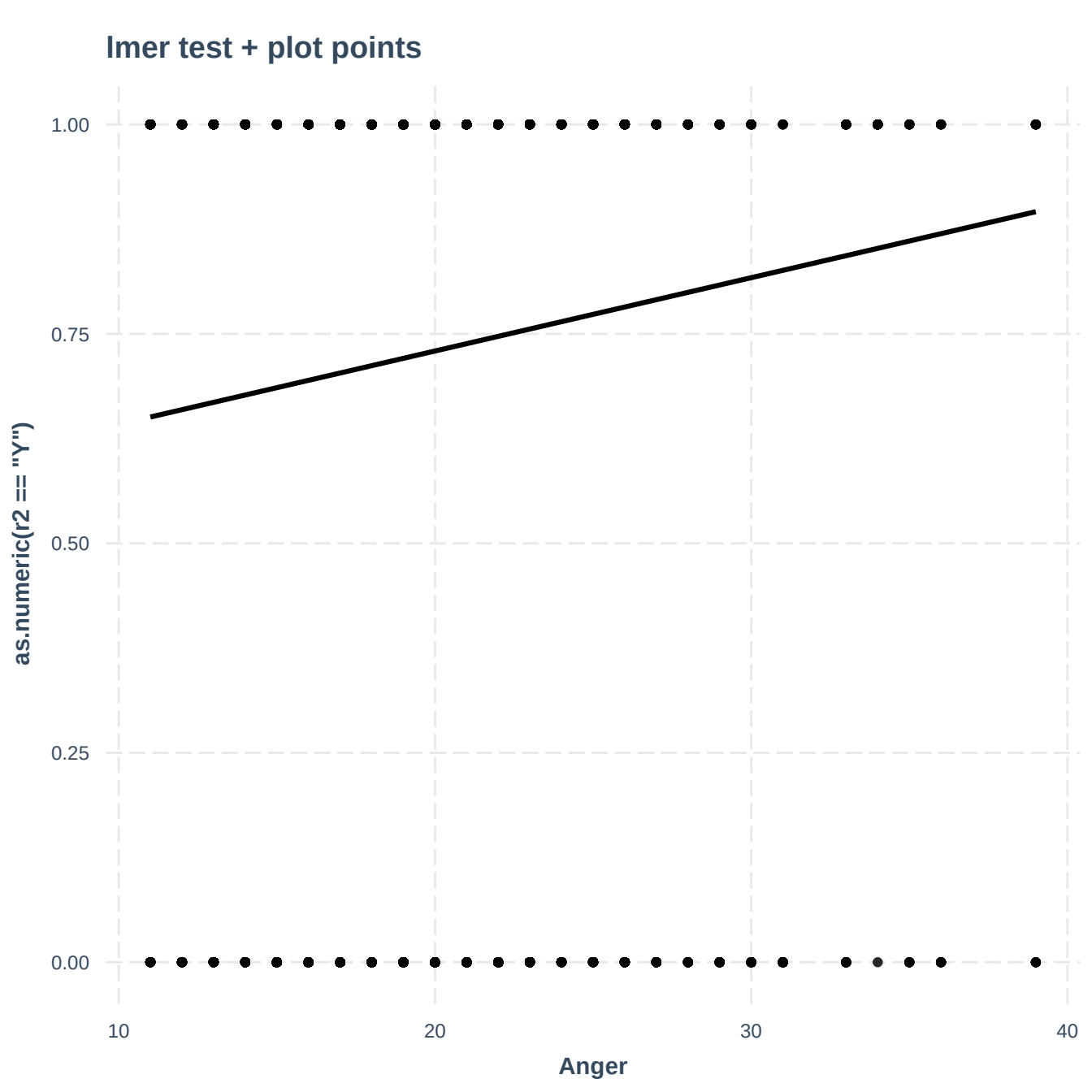

svyglm ell centered
700
600
500
api00
0
25
50
75
100
meals

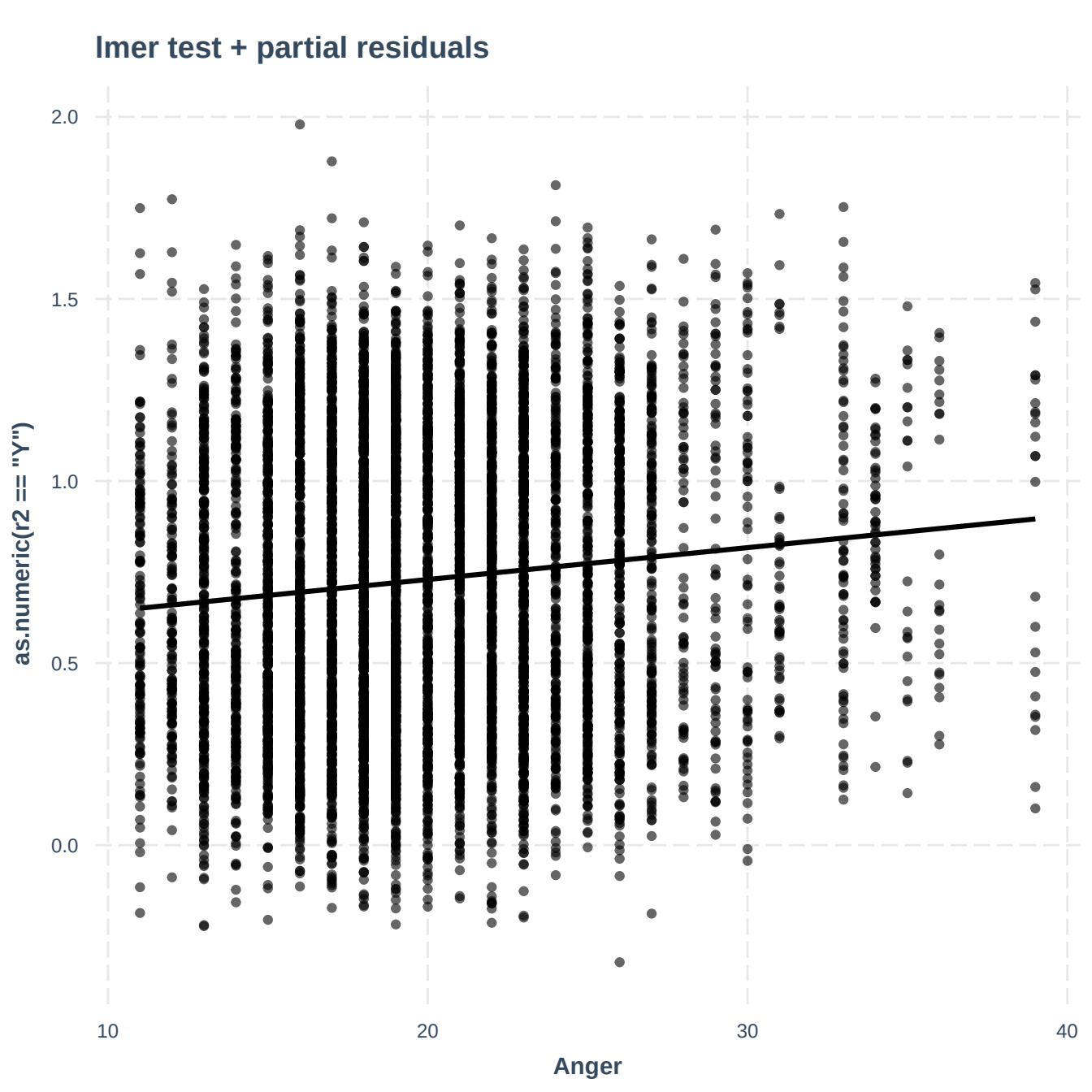

svyglm plot points
900
800
700
600
500
400
api00
0
25
50
75
100
meals

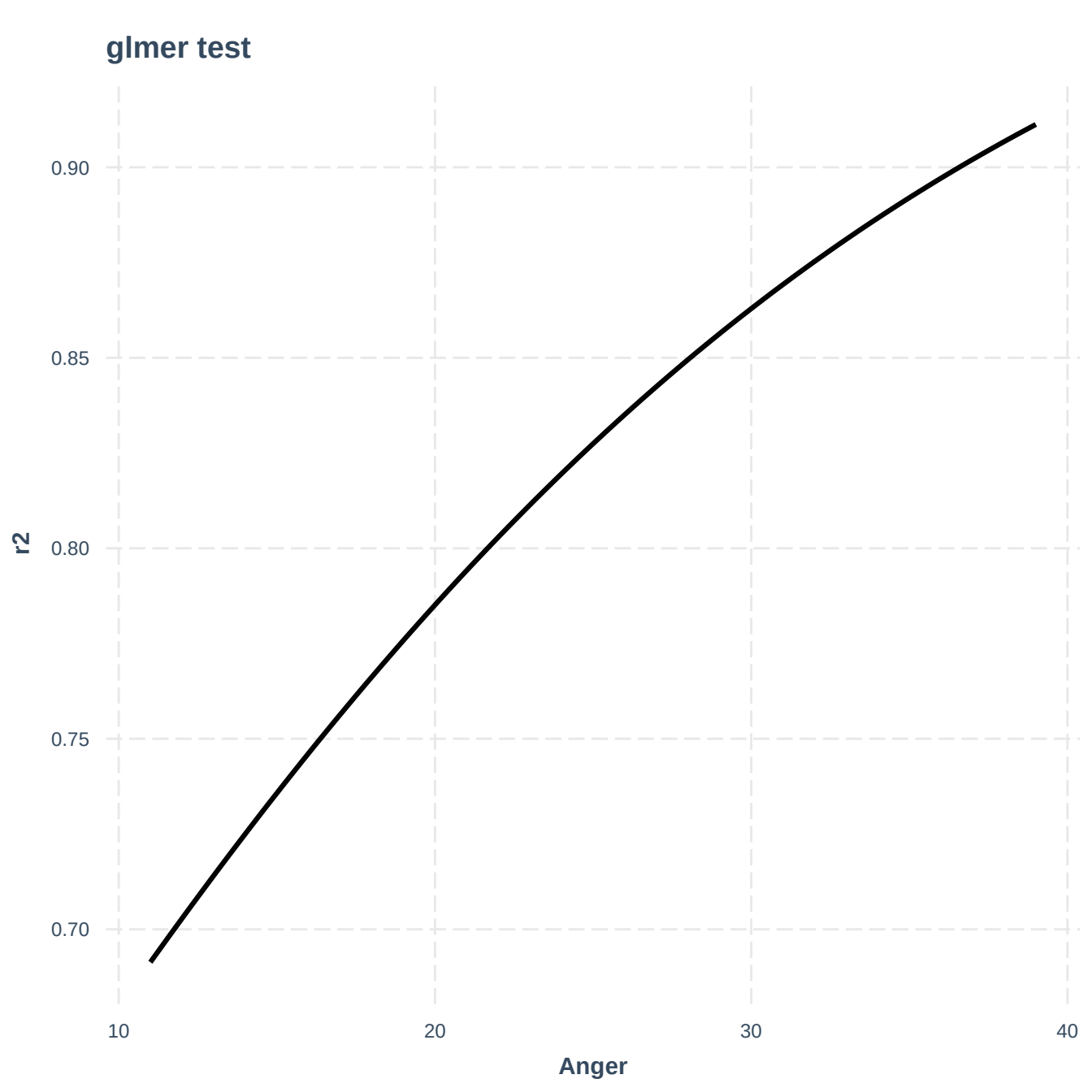

svyglm partial residuals
800
700
600
500
400
api00
0
25
50
75
100
meals

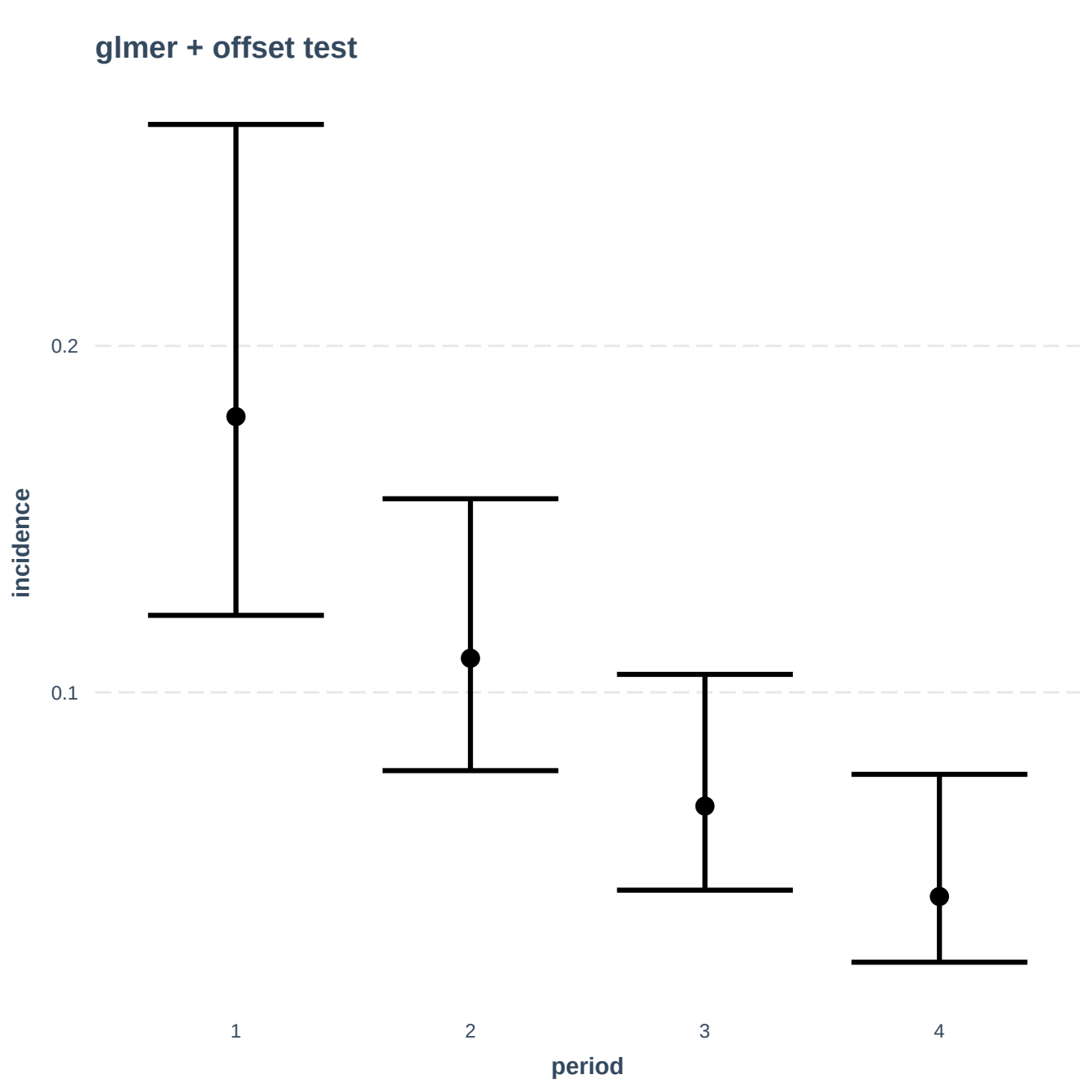

svyglm binomial
1.0
0.9
0.8
0.7
sch.wide
0
25
50
75
100
mobility

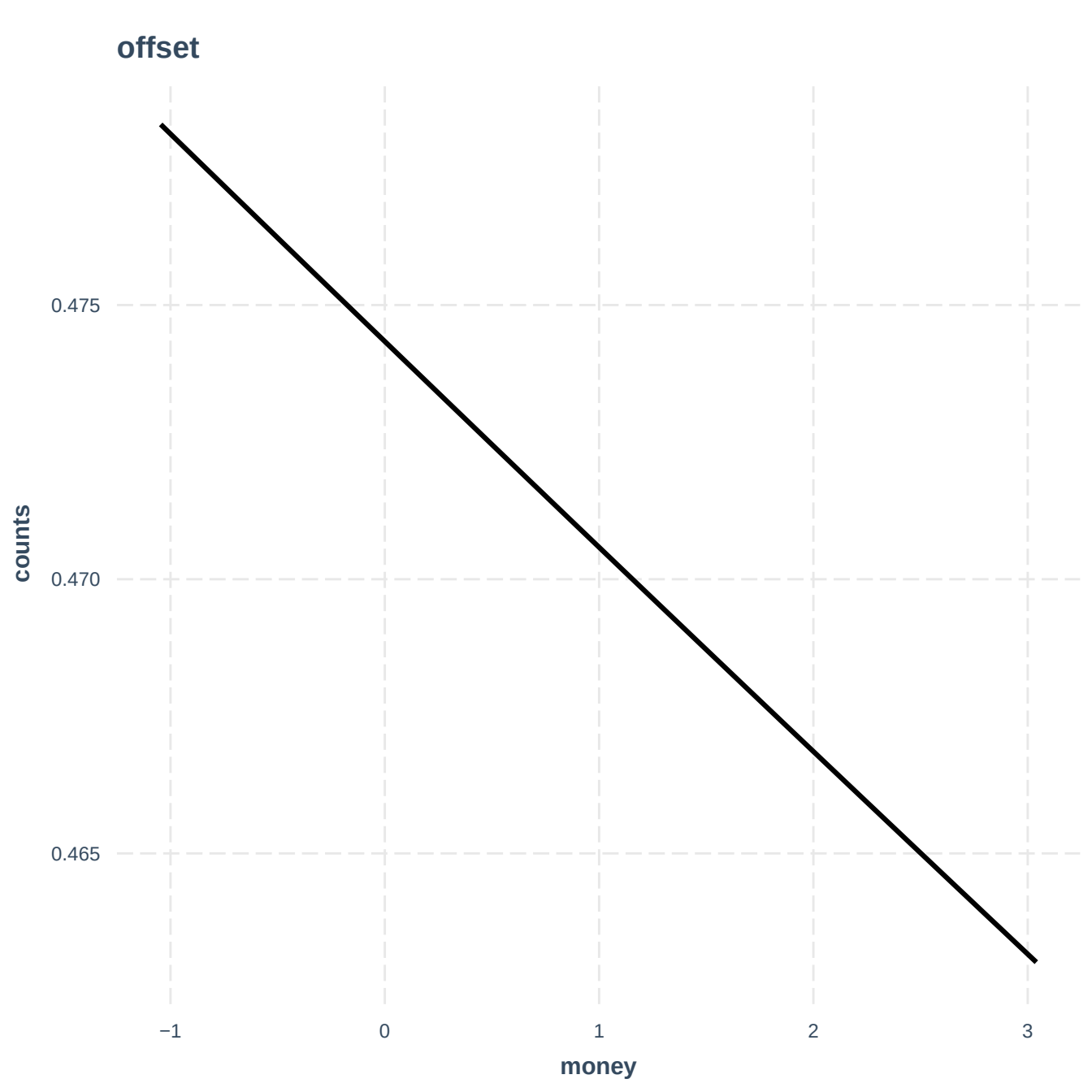

lmer test
0.90
0.85
0.80
0.75
0.70
0.65
as.numeric(r2 == "Y")
10
20
30
40
Anger

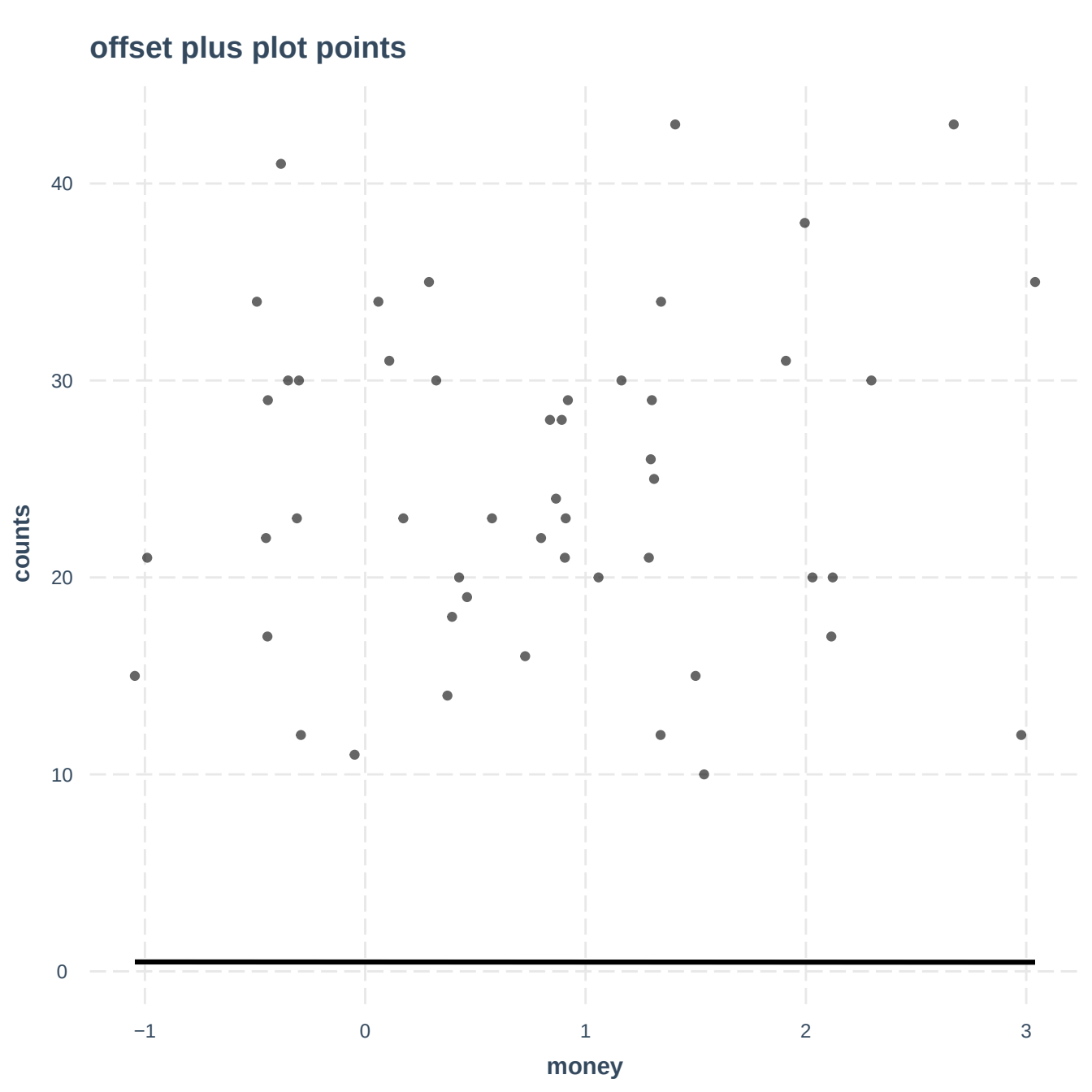

lmer test + plot points
1.00
0.75
0.50
0.25
0.00
as.numeric(r2 == "Y")
10
20
30
40
Anger

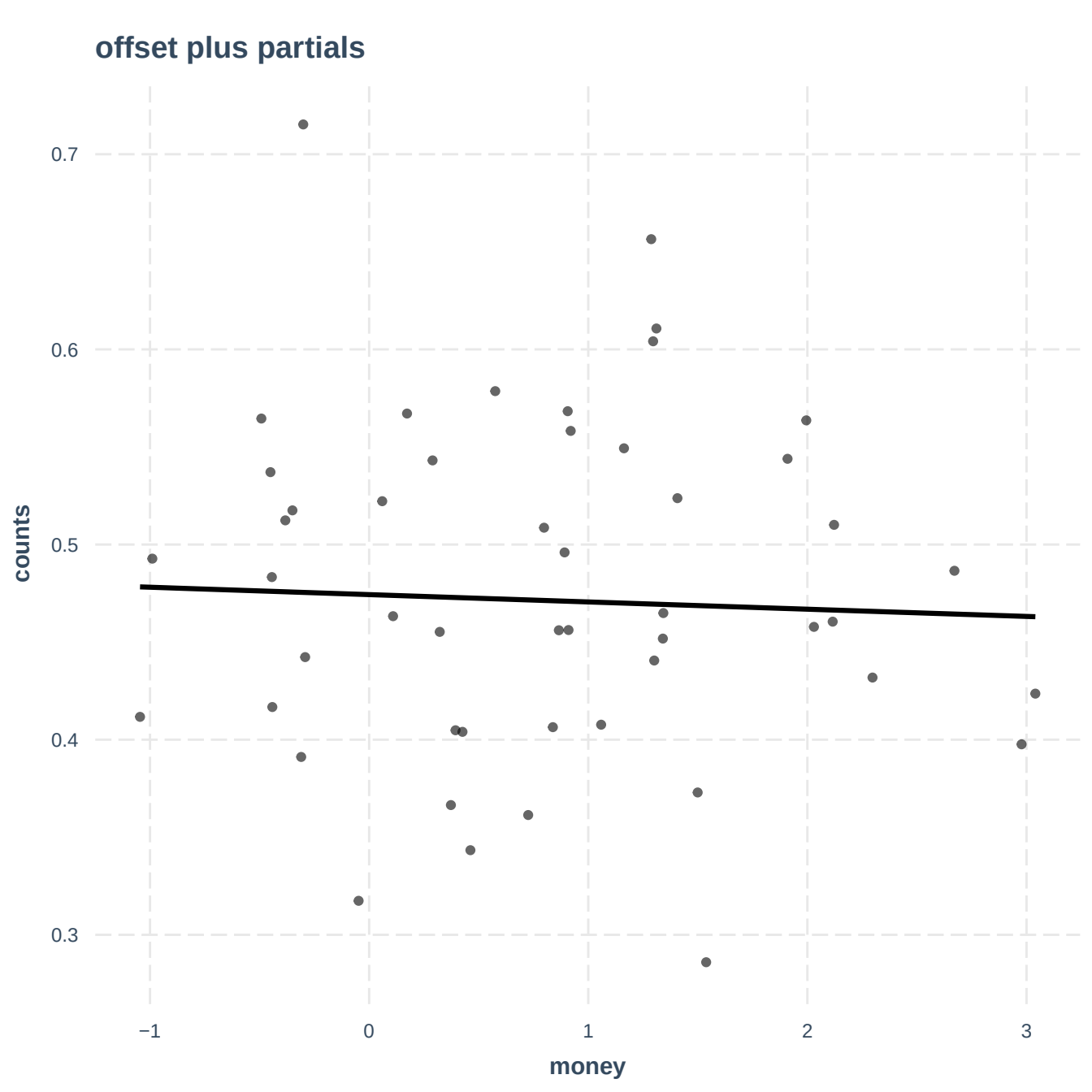

lmer test + partial residuals
2.0
1.5
1.0
0.5
0.0
as.numeric(r2 == "Y")
10
20
30
40
Anger

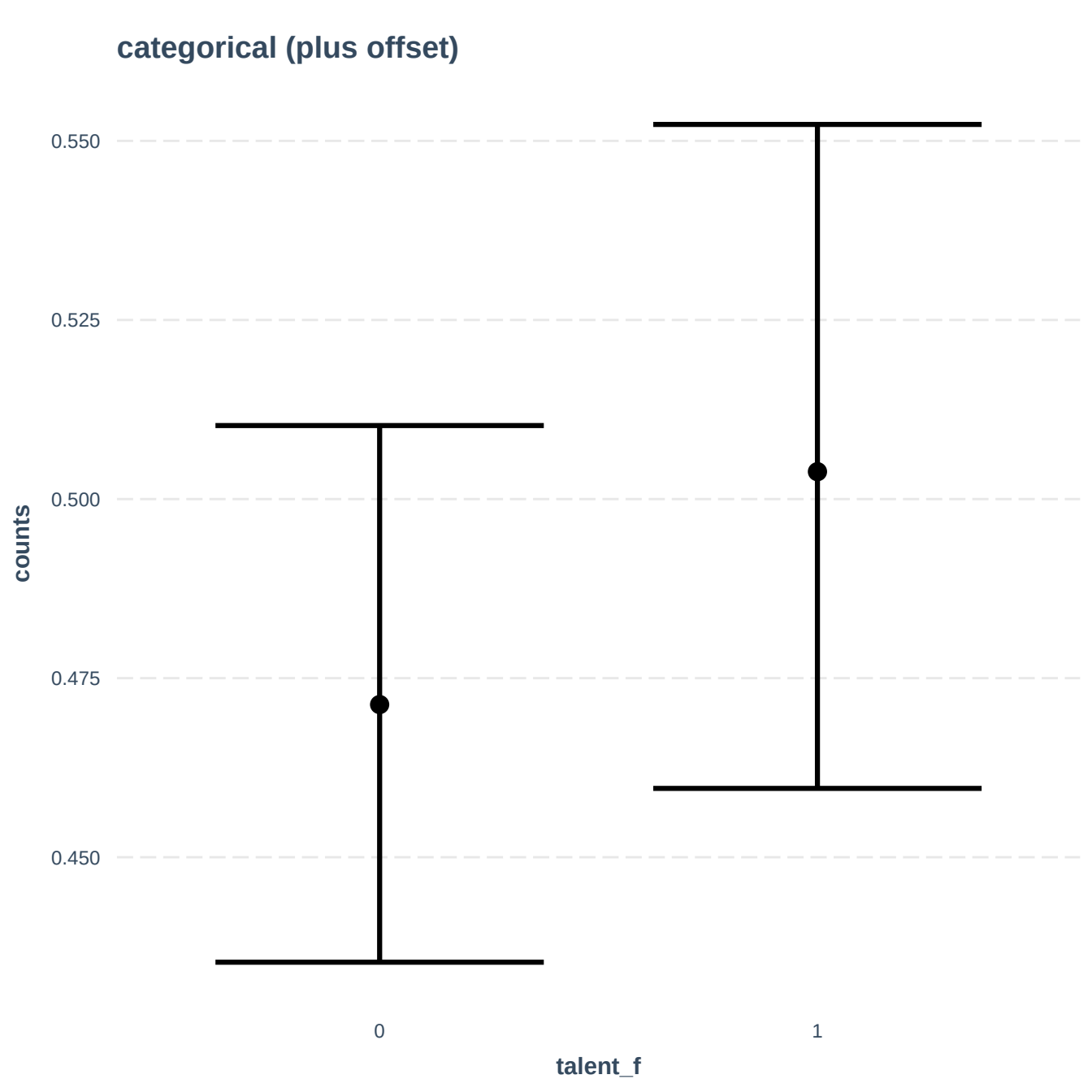

glmer test
0.90
0.85
0.80
0.75
0.70
r2
10
20
30
40
Anger

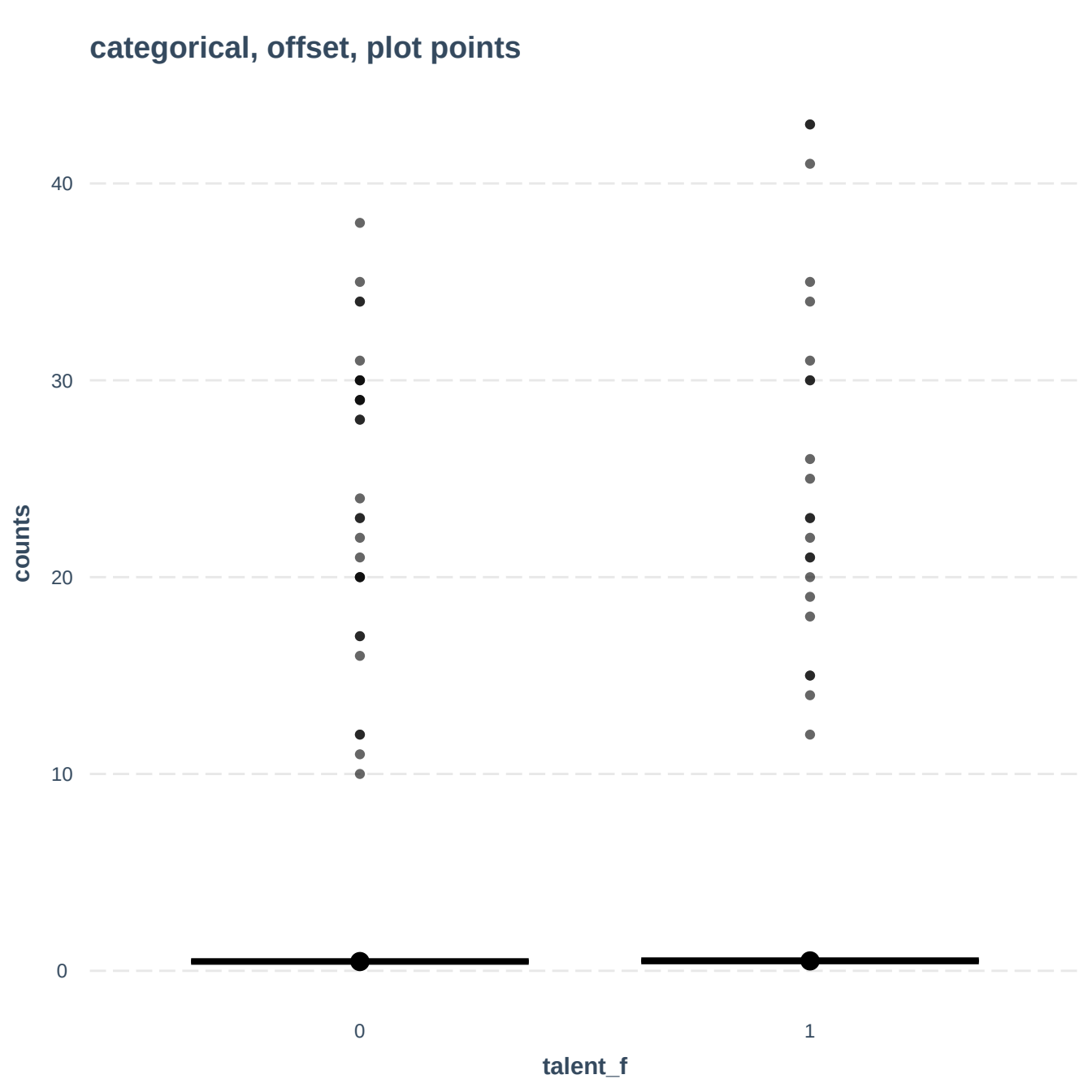

glmer + offset test
0.2
0.1
incidence
1
2
3
4
period

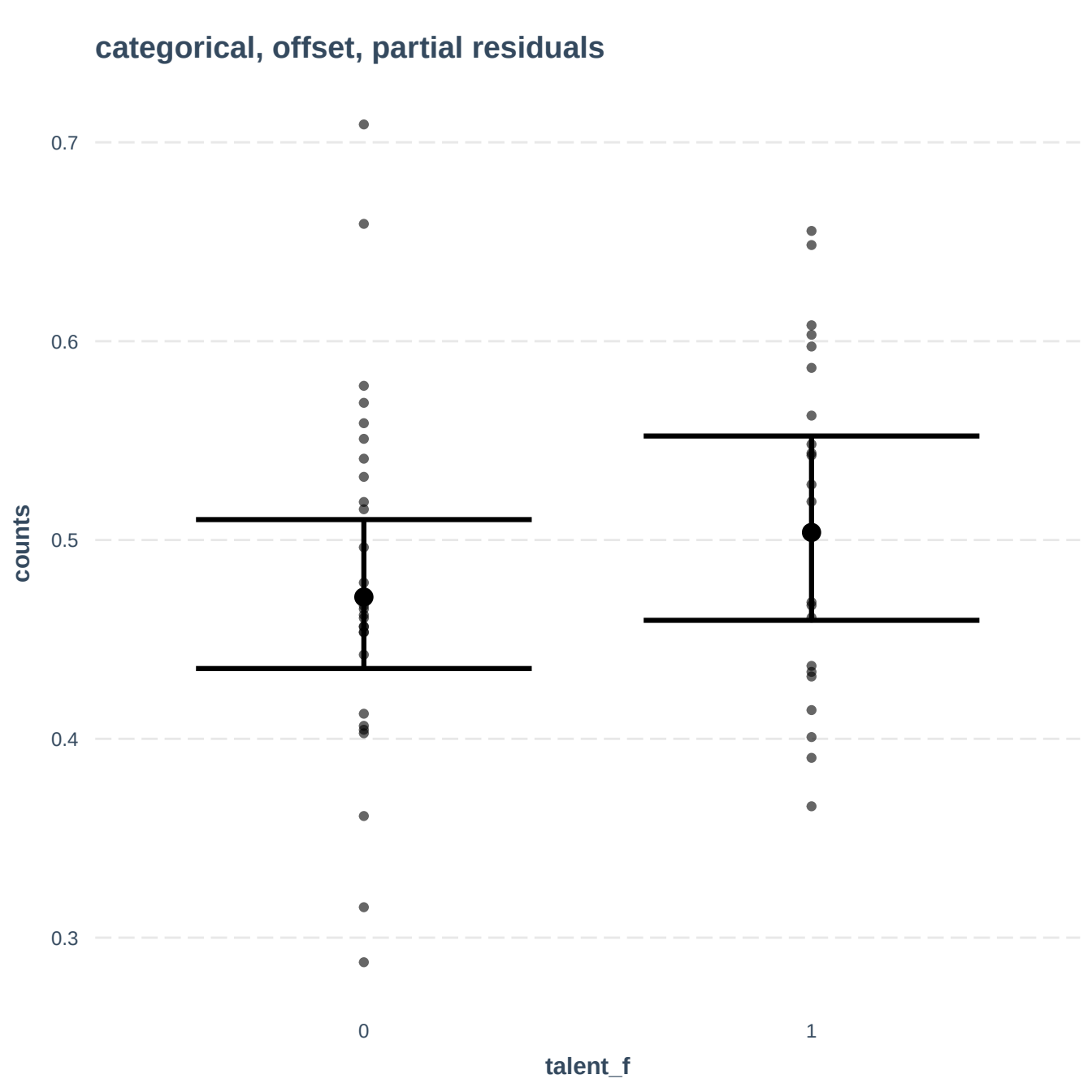

offset
0.475
0.470
0.465
counts
−1
0
1
2
3
money

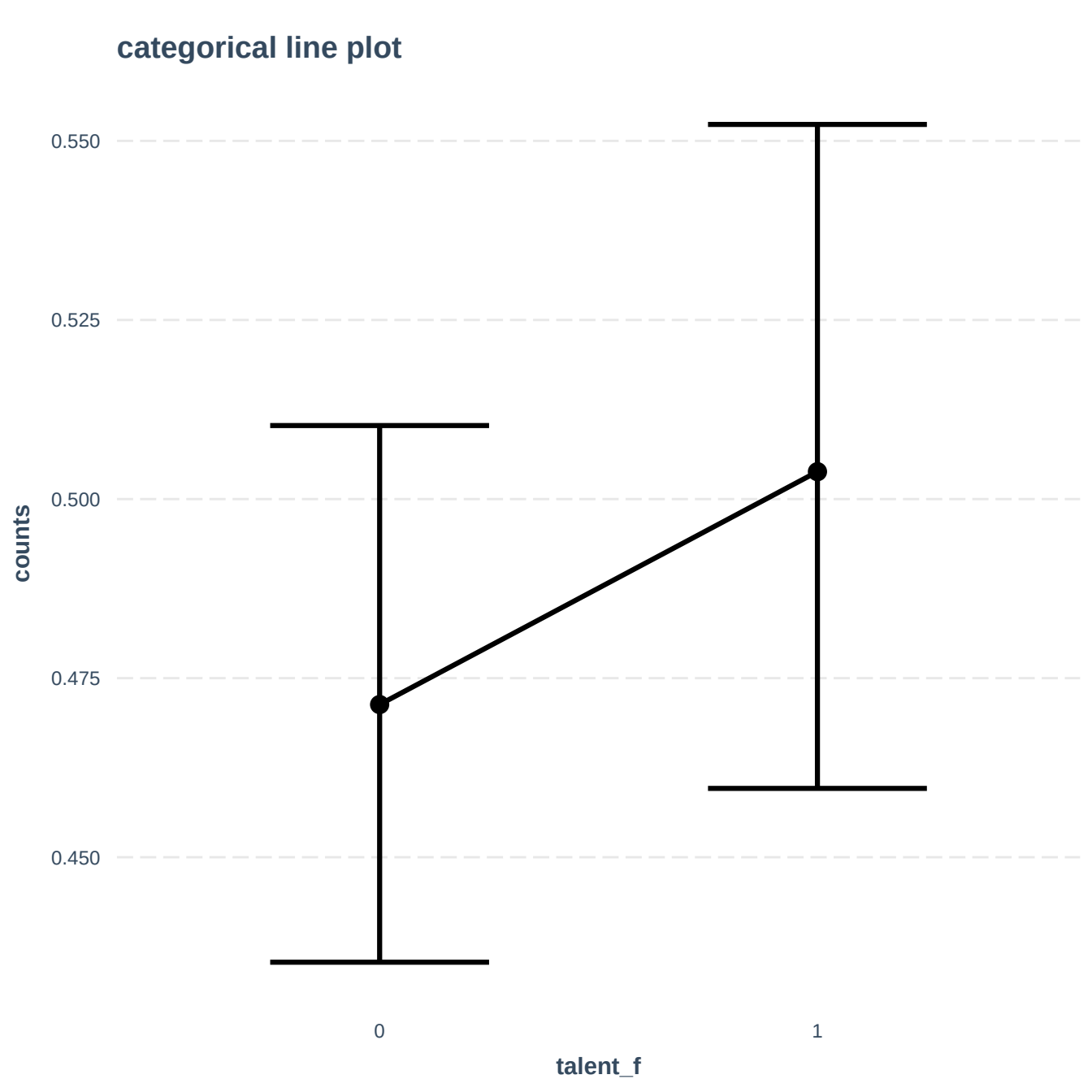

offset plus plot points
counts
money
0
10
20
30
40
−1
0
1
2
3

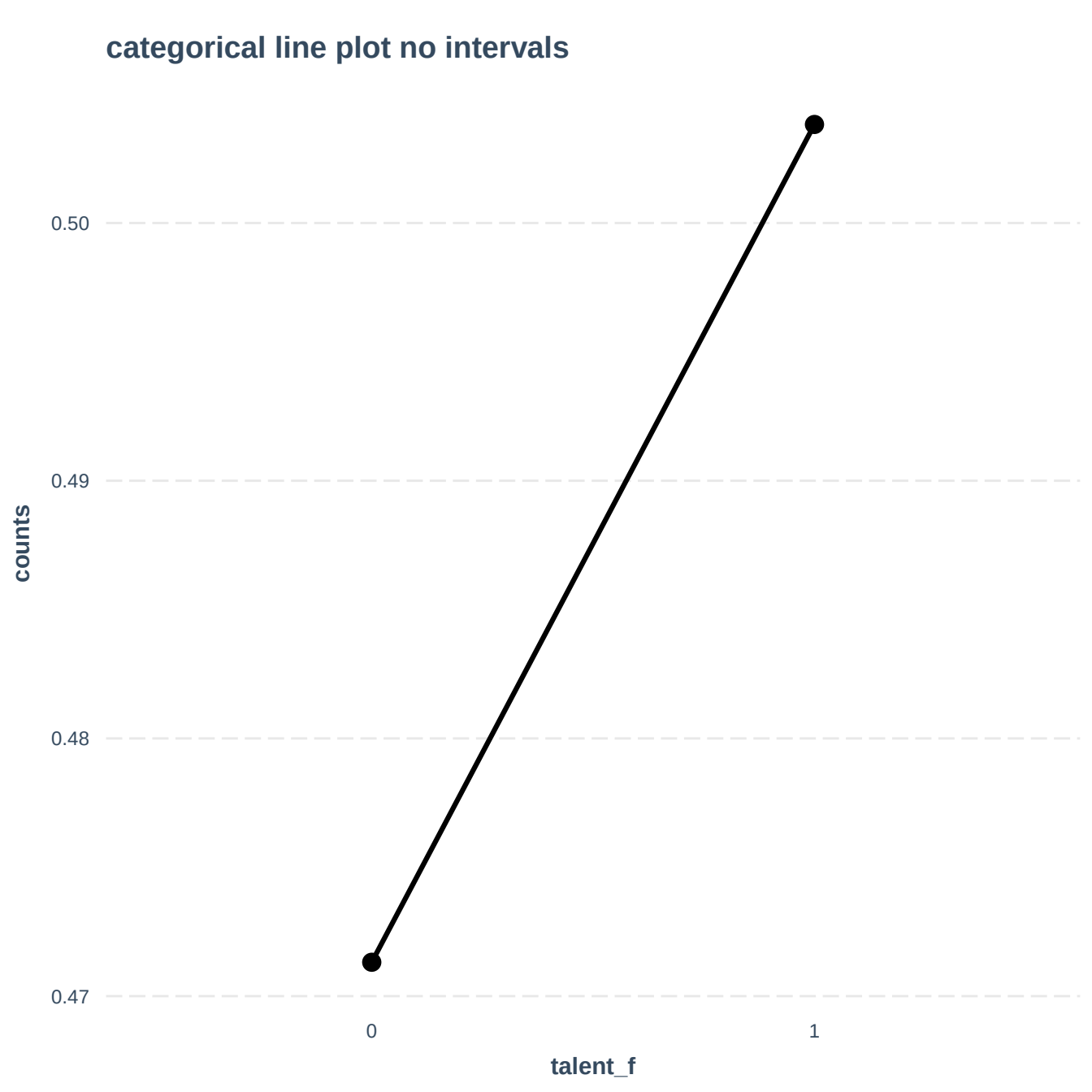

offset plus partials
0.7
0.6
0.5
0.4
0.3
counts
−1
0
1
2
3
money

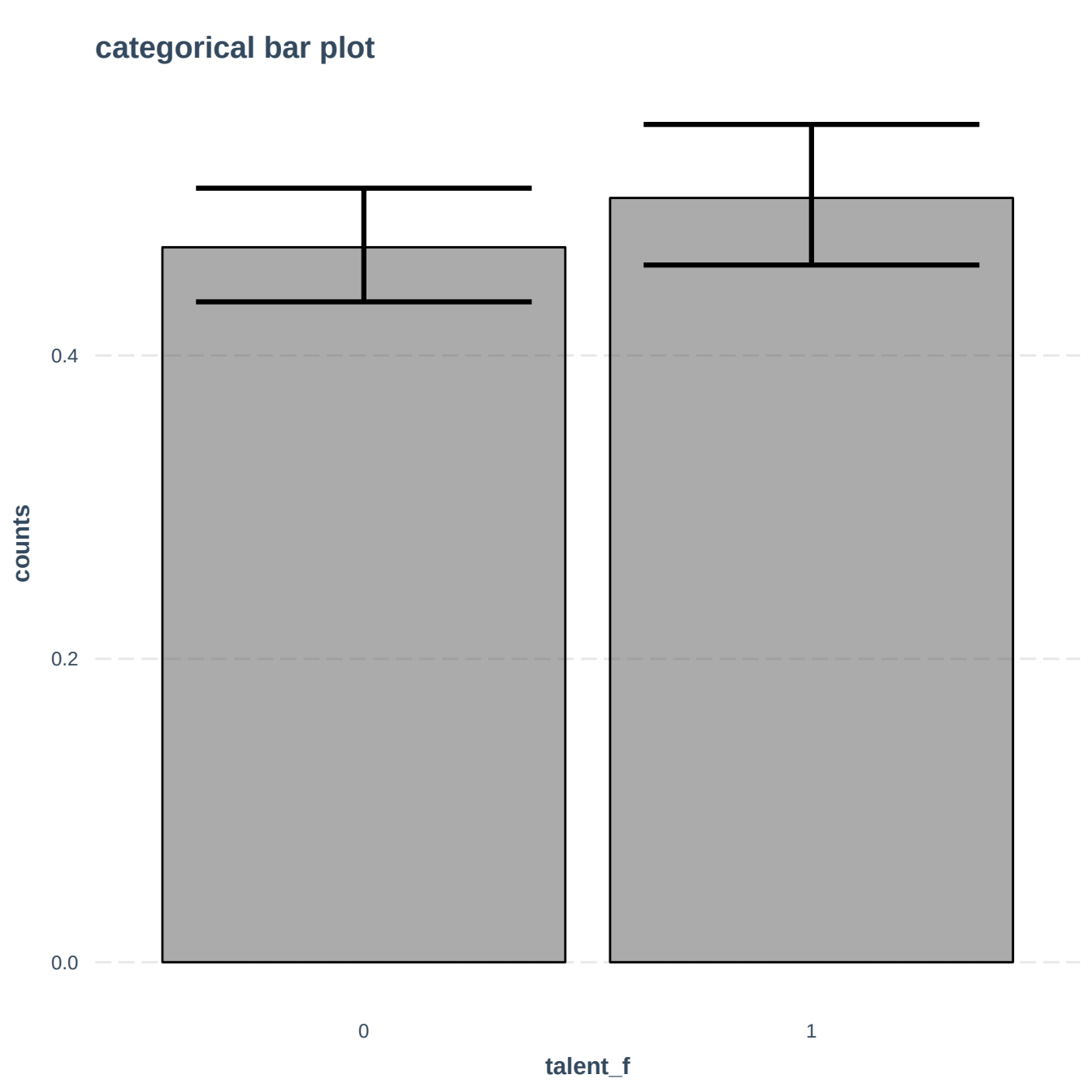

categorical (plus offset)
0.550
0.525
0.500
0.475
0.450
counts
0
1
talent_f

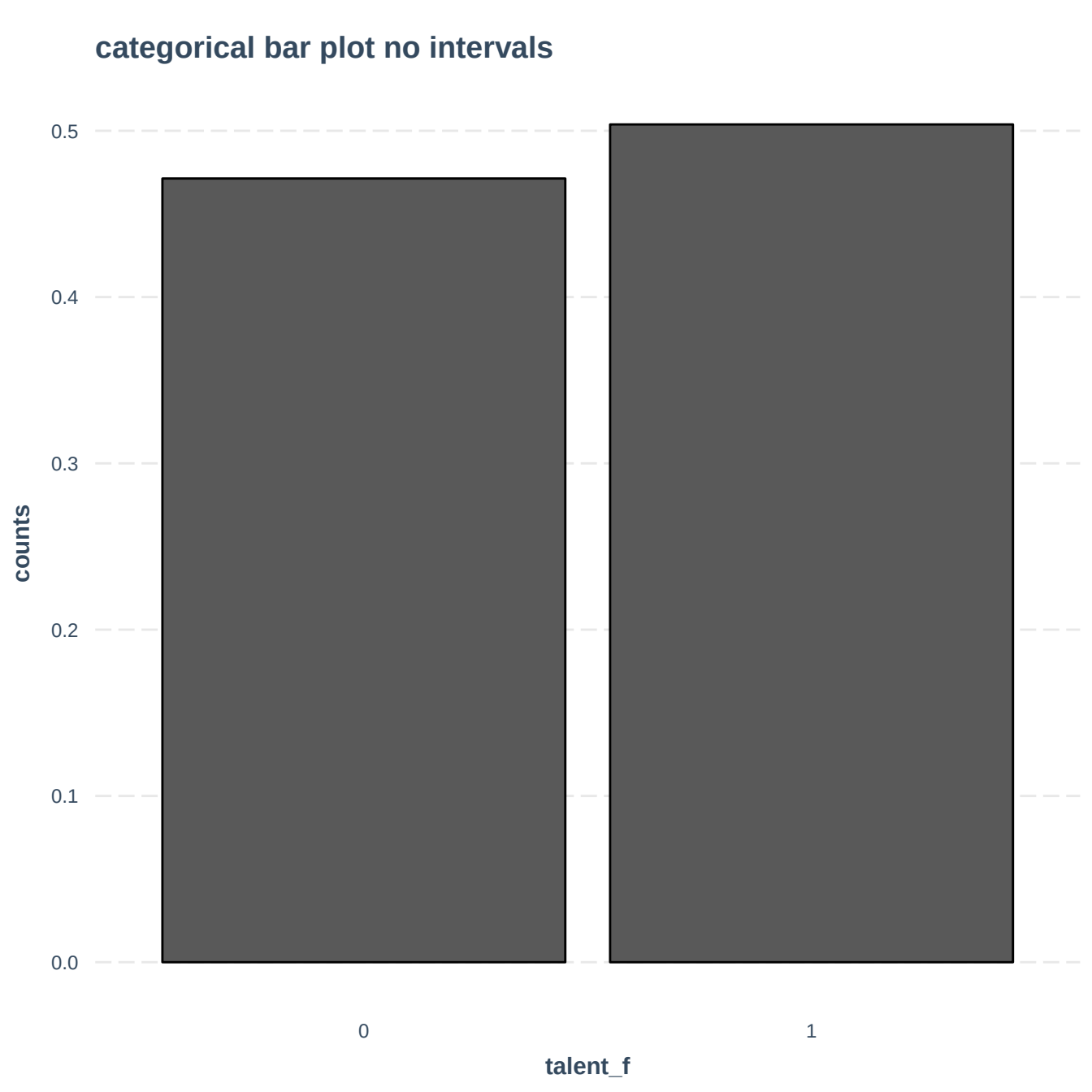

categorical, offset, plot points
counts
40
30
20
10
0
0
1
talent_f

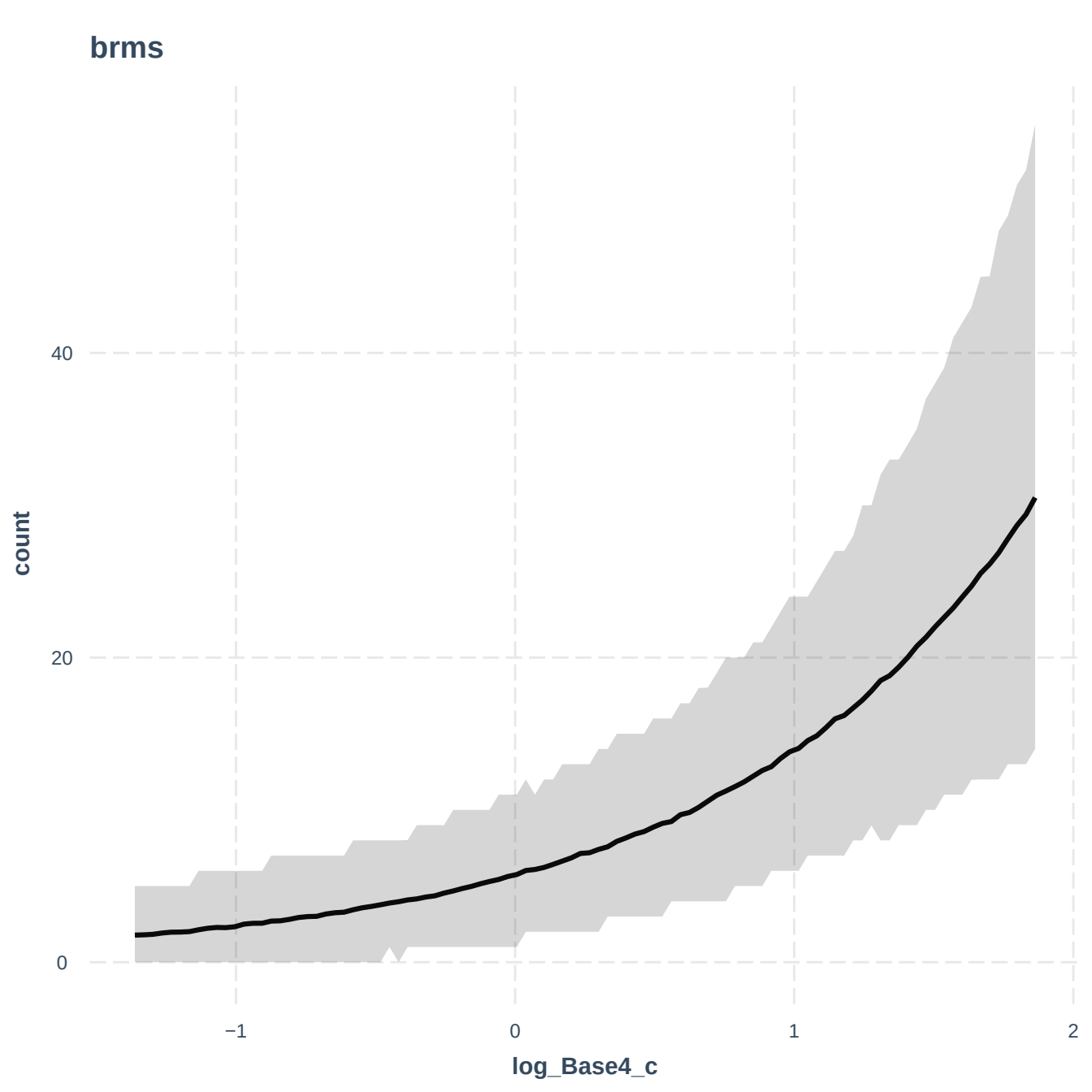

categorical, offset, partial residuals
0.7
0.6
0.5
0.4
0.3
counts
0
1
talent_f

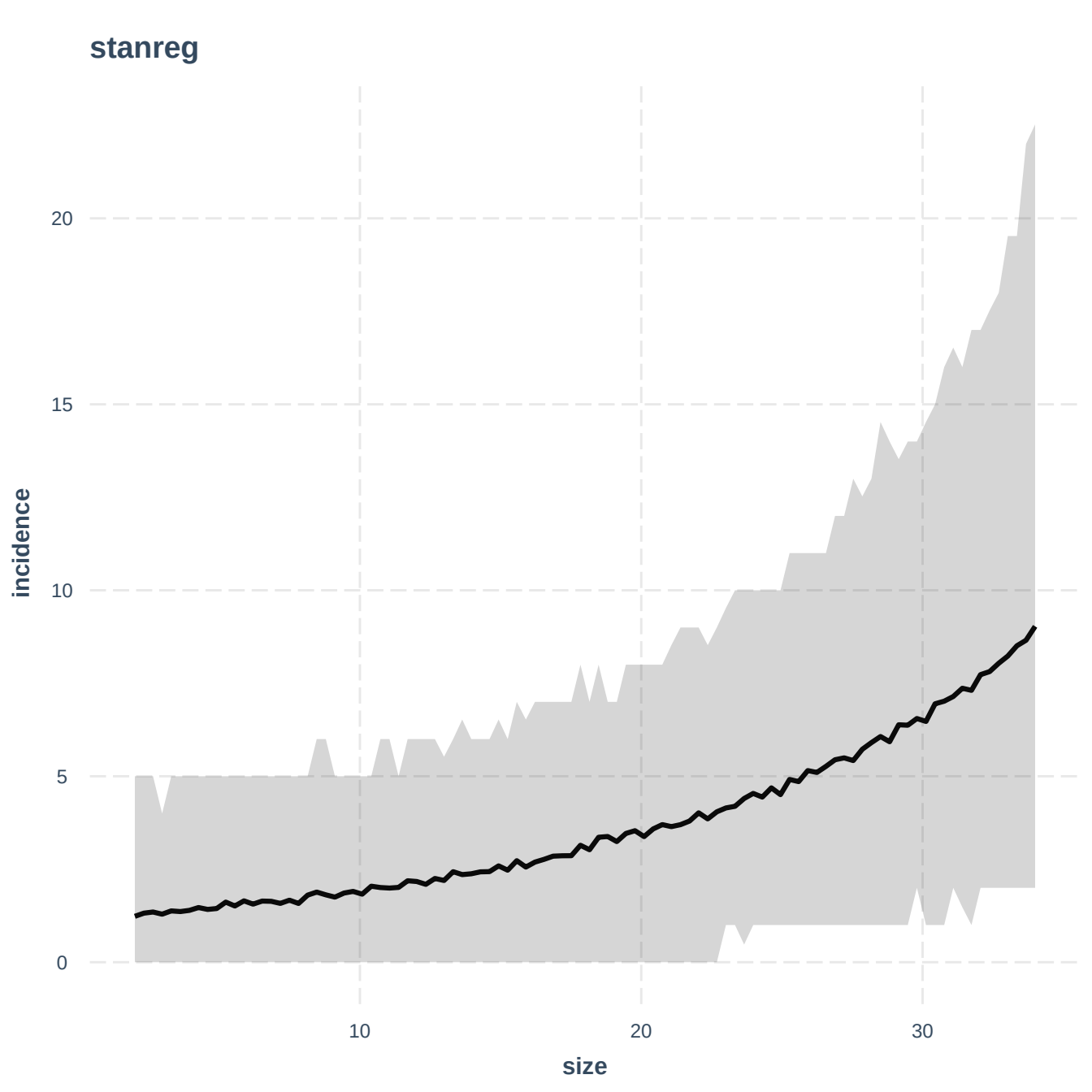

categorical line plot
0.550
0.525
0.500
0.475
0.450
counts
0
1
talent_f

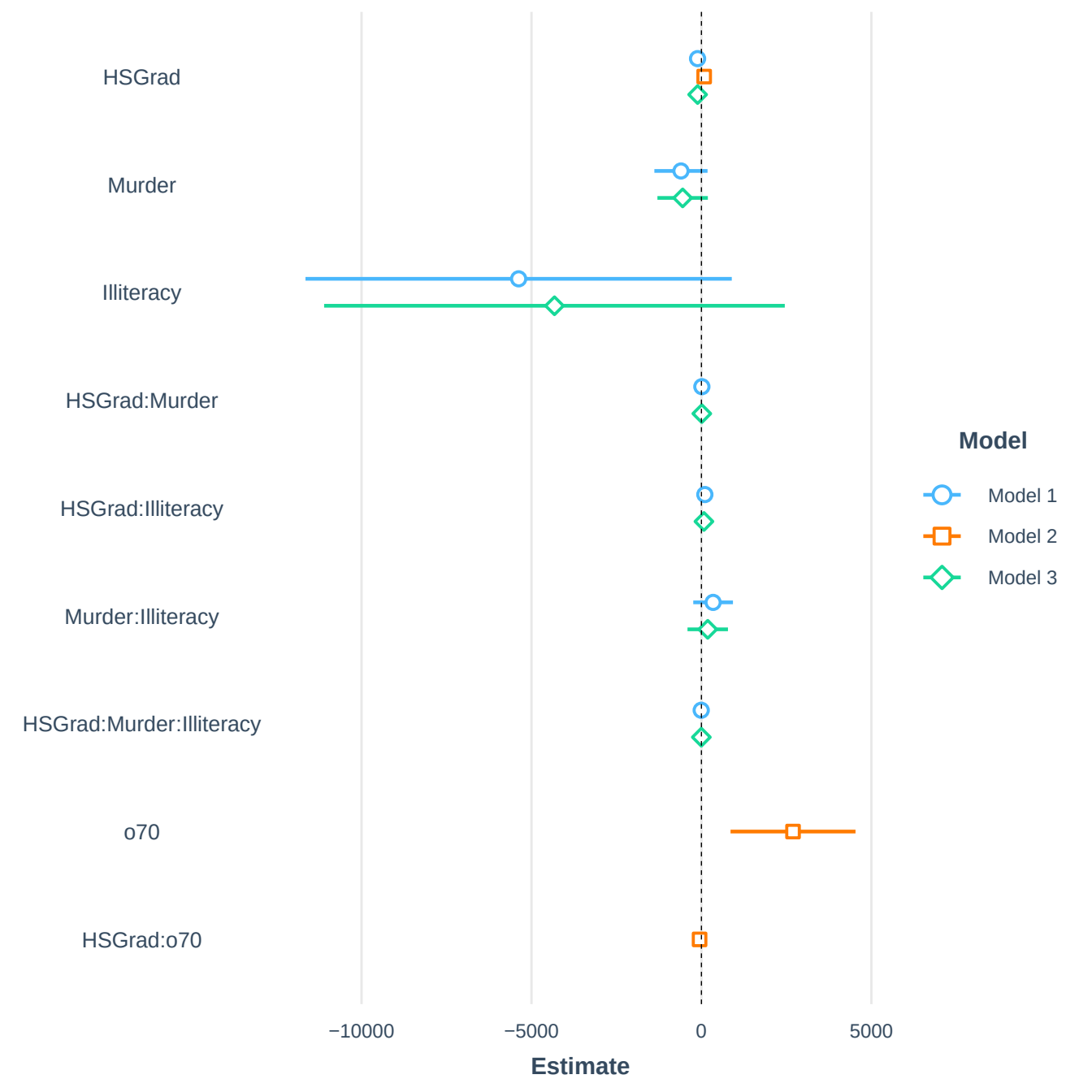

categorical line plot no intervals
0.50
0.49
0.48
0.47
counts
0
1
talent_f

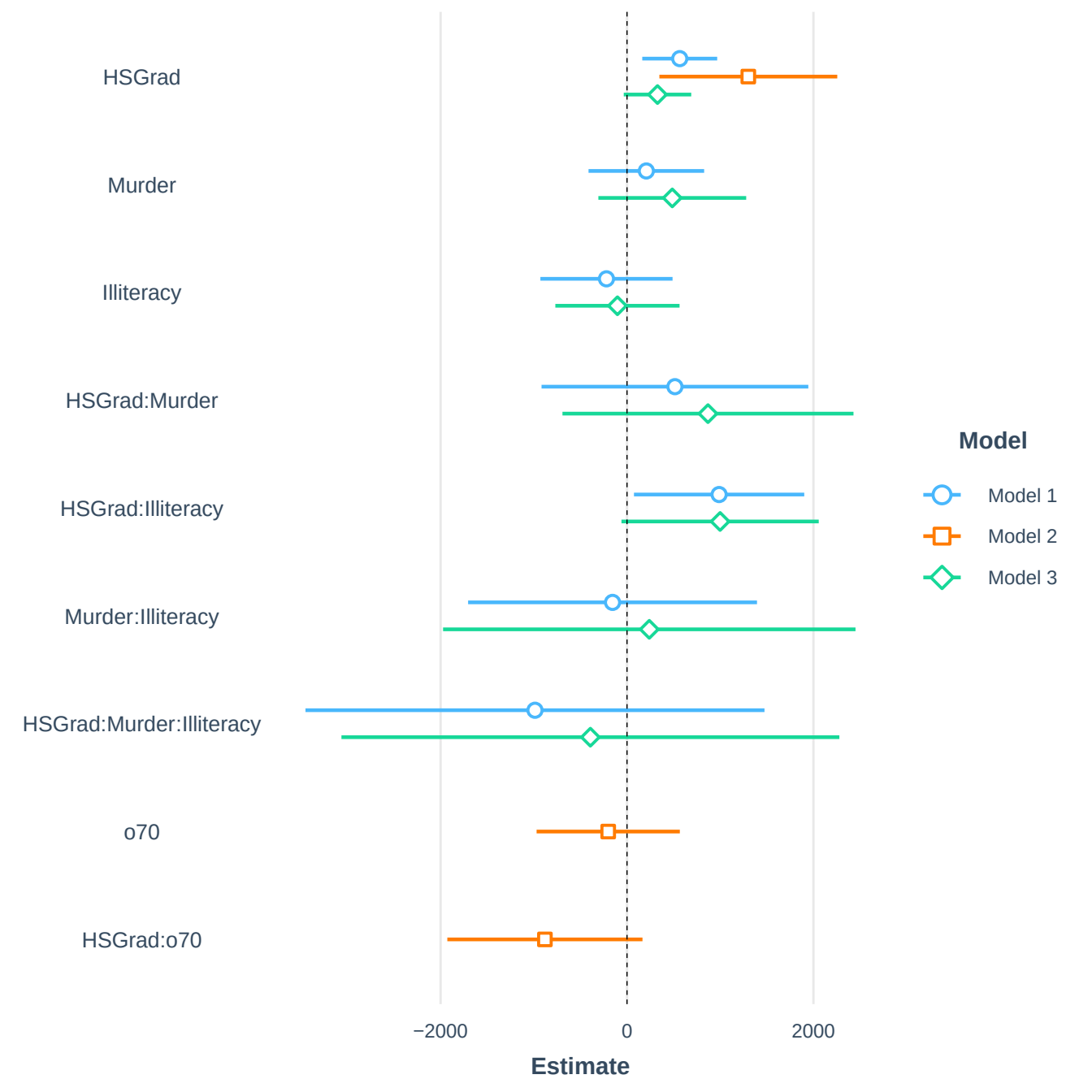

categorical bar plot
counts
0.4
0.2
0.0
0
1
talent_f

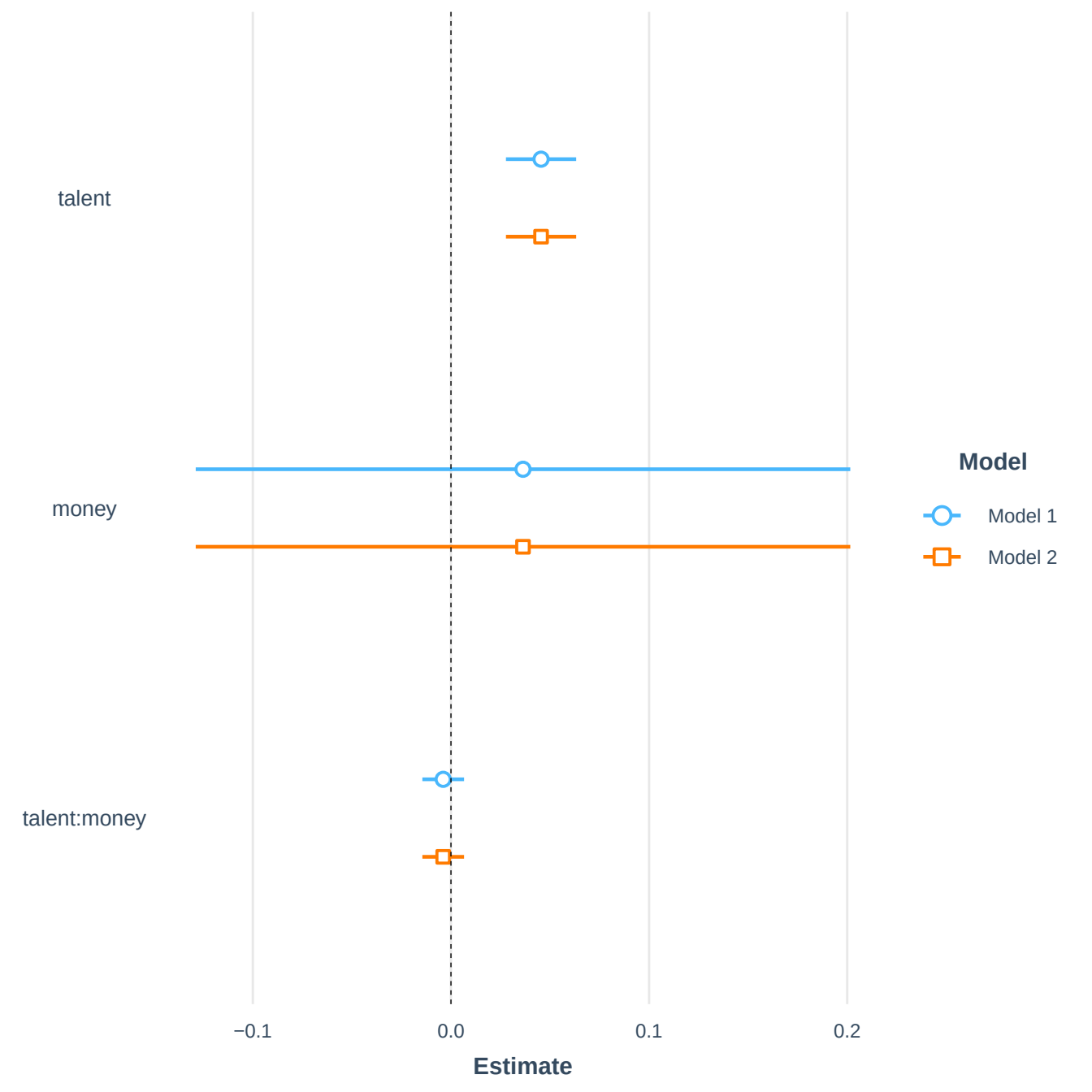

categorical bar plot no intervals
0.5
0.4
0.3
0.2
0.1
0.0
counts
0
1
talent_f

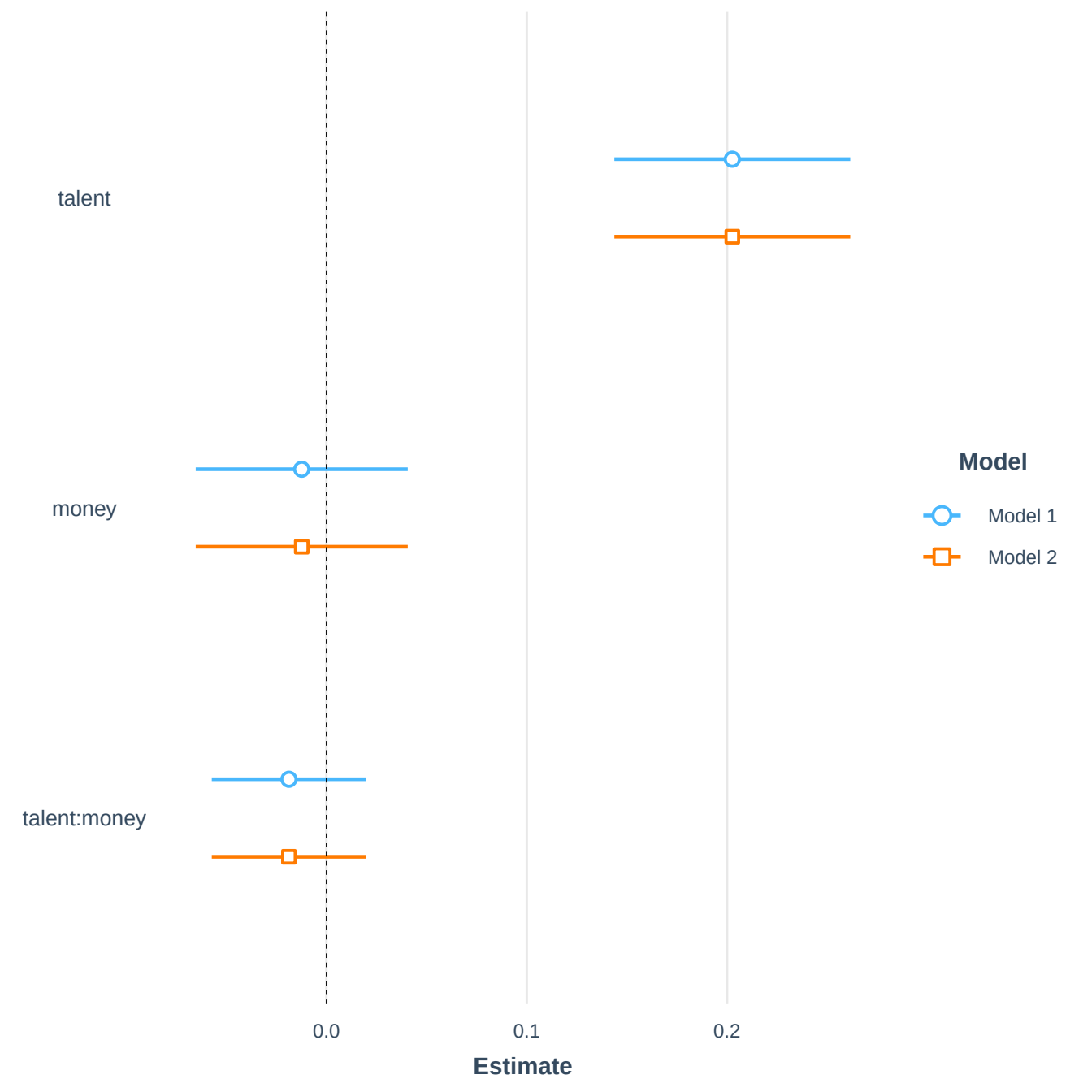

brms
count
40
20
0
−1
0
1
2
log_Base4_c

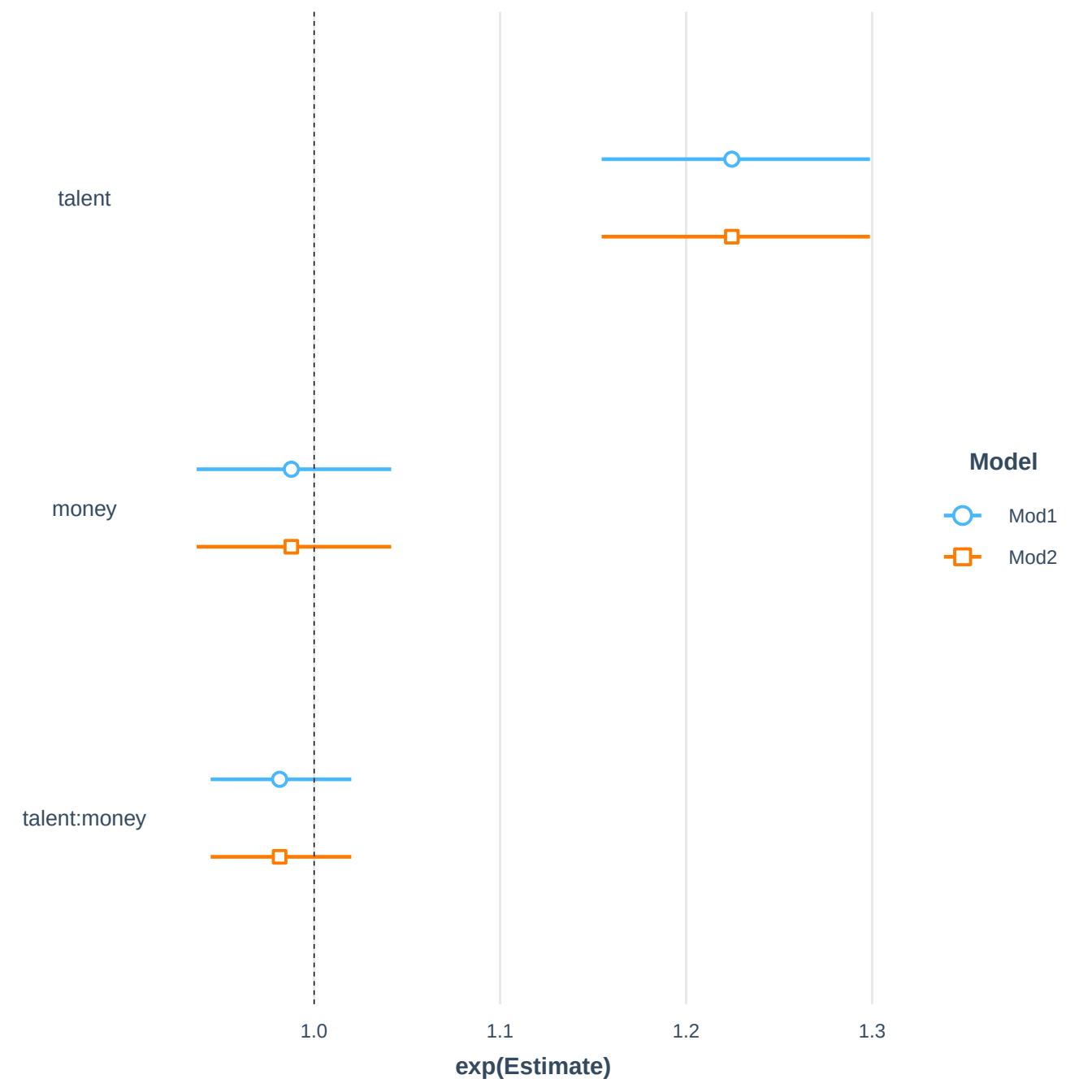

stanreg
20
15
10
5
0
incidence
10
20
30
size

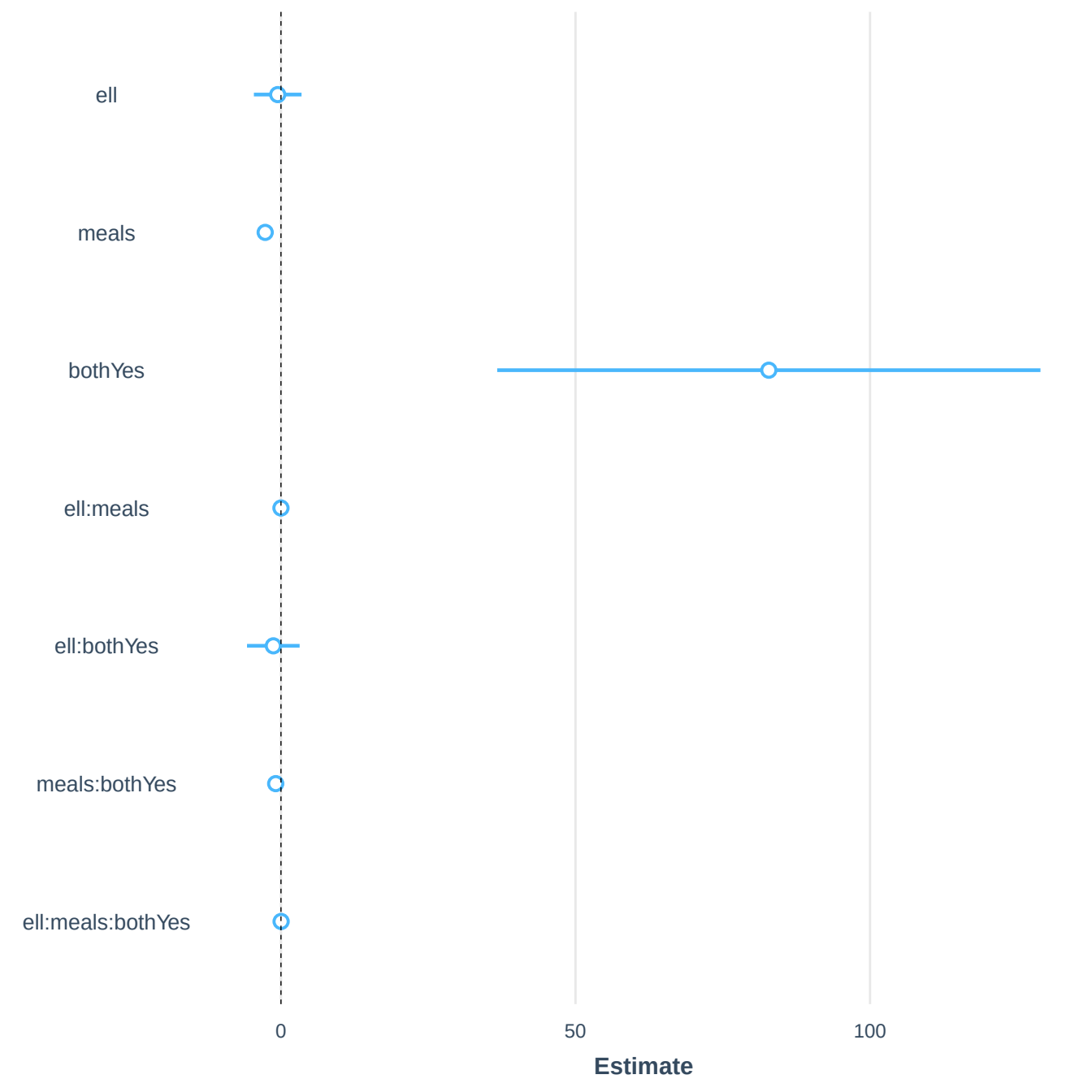

HSGrad
Murder
Illiteracy
HSGrad:Murder
HSGrad:Illiteracy
Murder:Illiteracy
HSGrad:Murder:Illiteracy
o70
HSGrad:o70
−10000
−5000
0
5000
Estimate
Model
Model 1
Model 2
Model 3

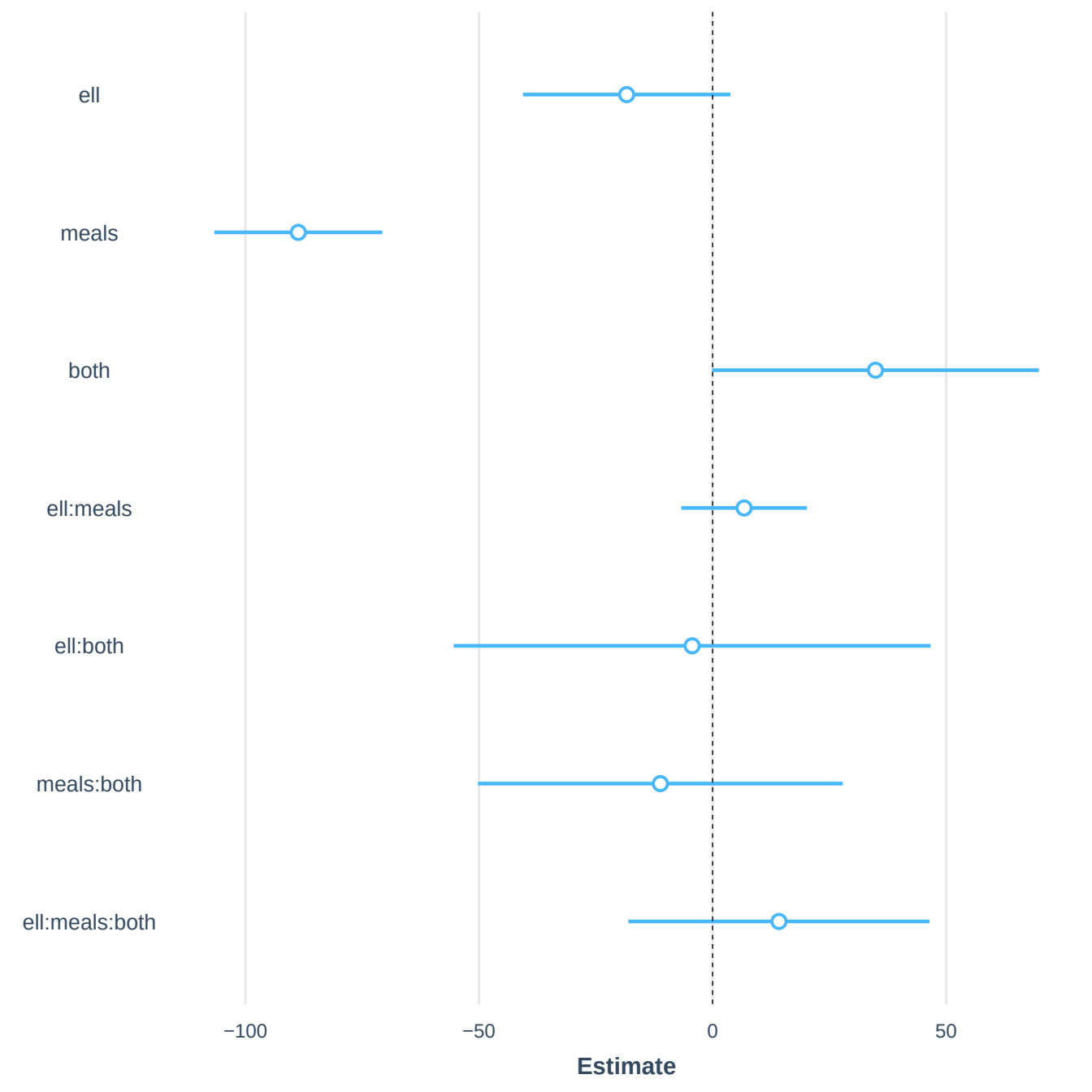

HSGrad
Murder
Illiteracy
HSGrad:Murder
HSGrad:Illiteracy
Murder:Illiteracy
HSGrad:Murder:Illiteracy
o70
HSGrad:o70
−2000
0
2000
Estimate
Model
Model 1
Model 2
Model 3

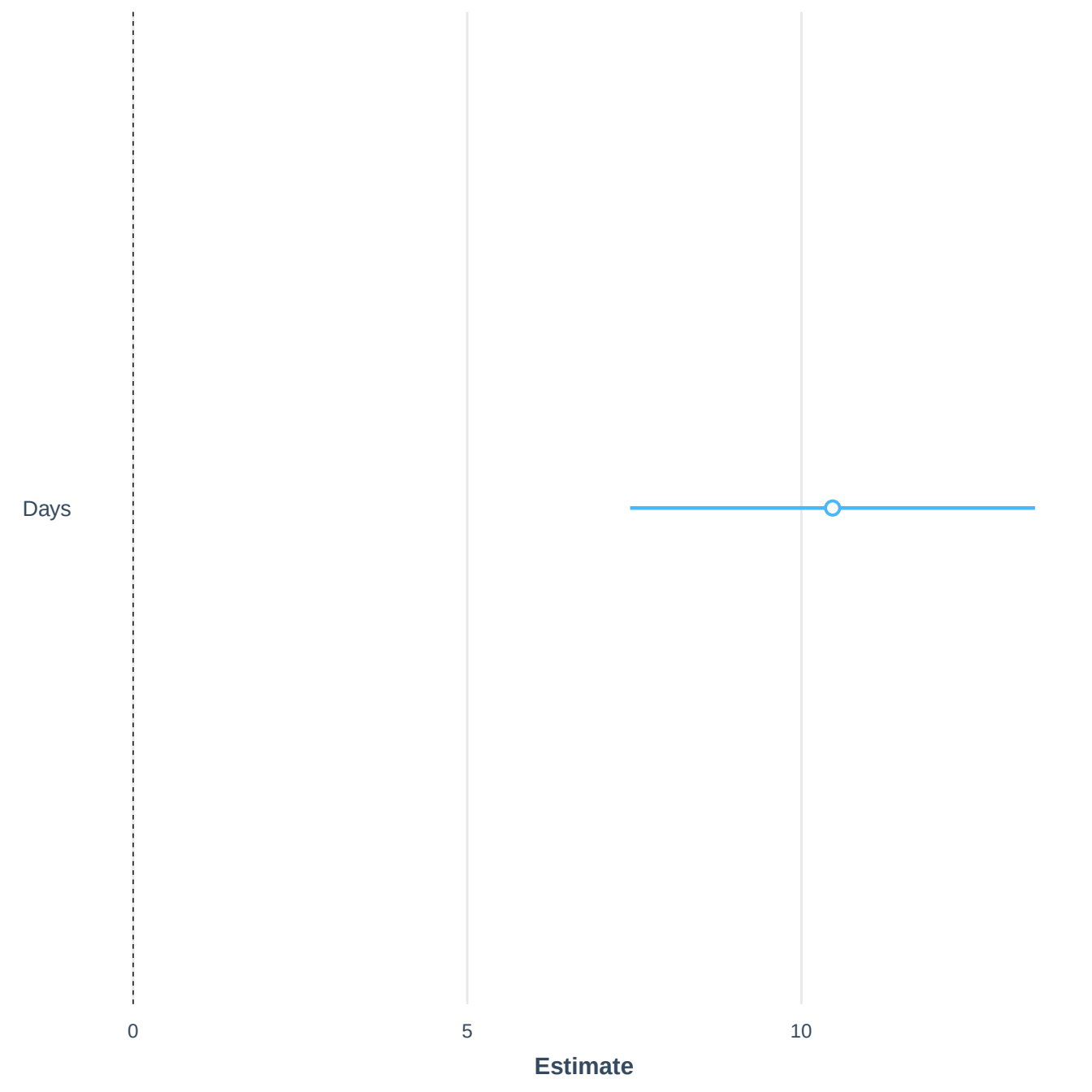

talent
money
talent:money
−0.1
0.0
0.1
0.2
Estimate
Model
Model 1
Model 2

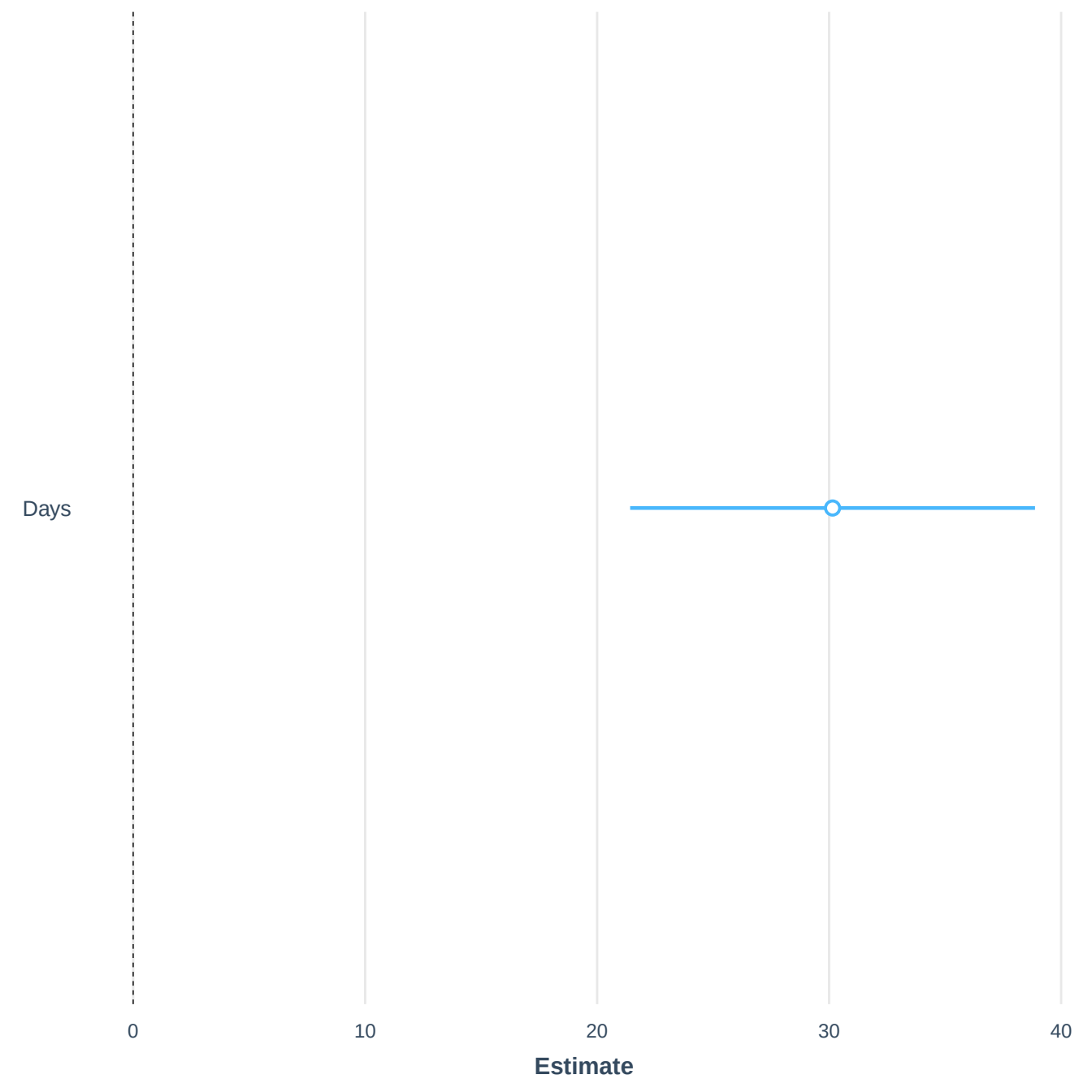

talent
money
talent:money
0.0
0.1
0.2
Estimate
Model
Model 1
Model 2

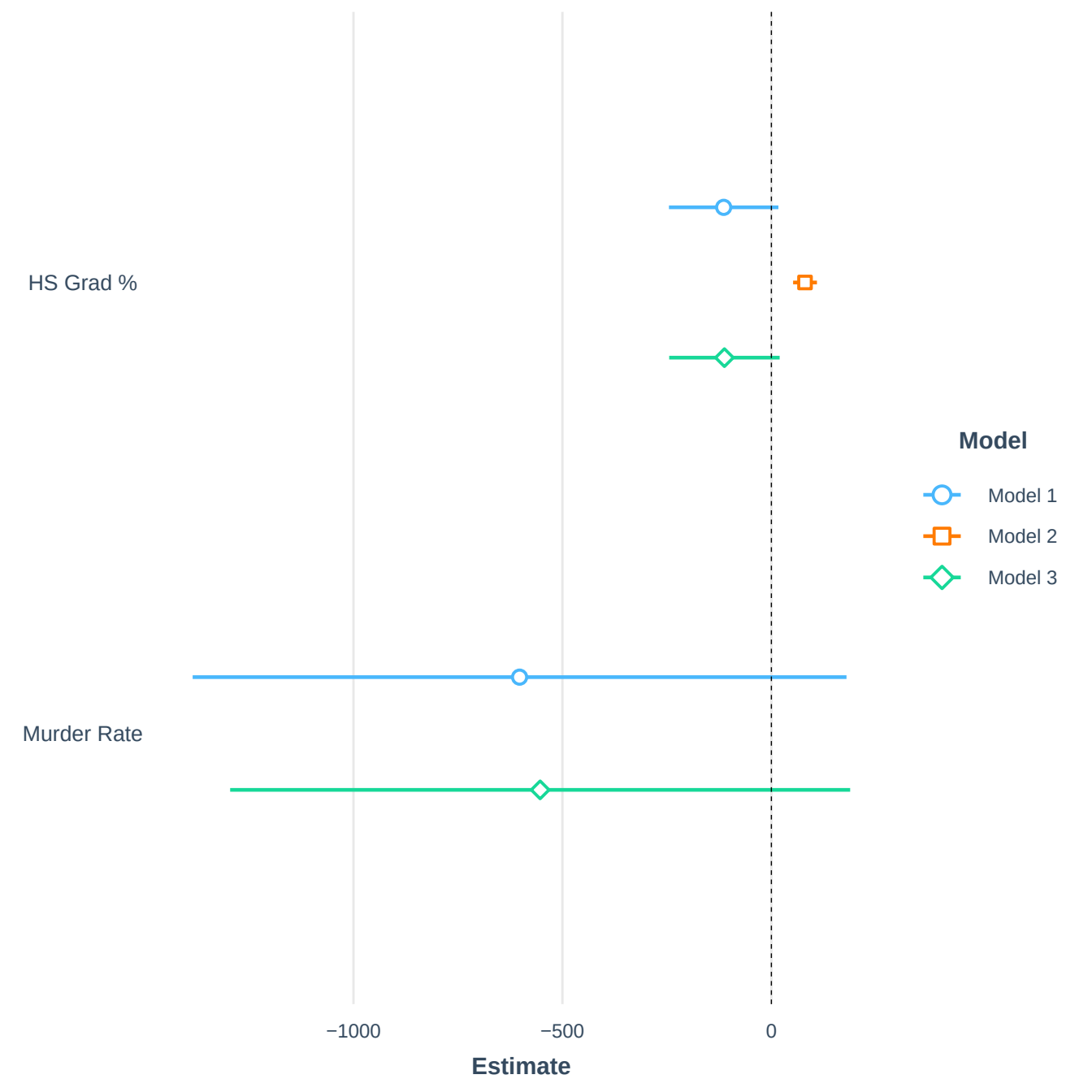

talent
money
talent:money
1.0
1.1
1.2
1.3
exp(Estimate)
Model
Mod1
Mod2

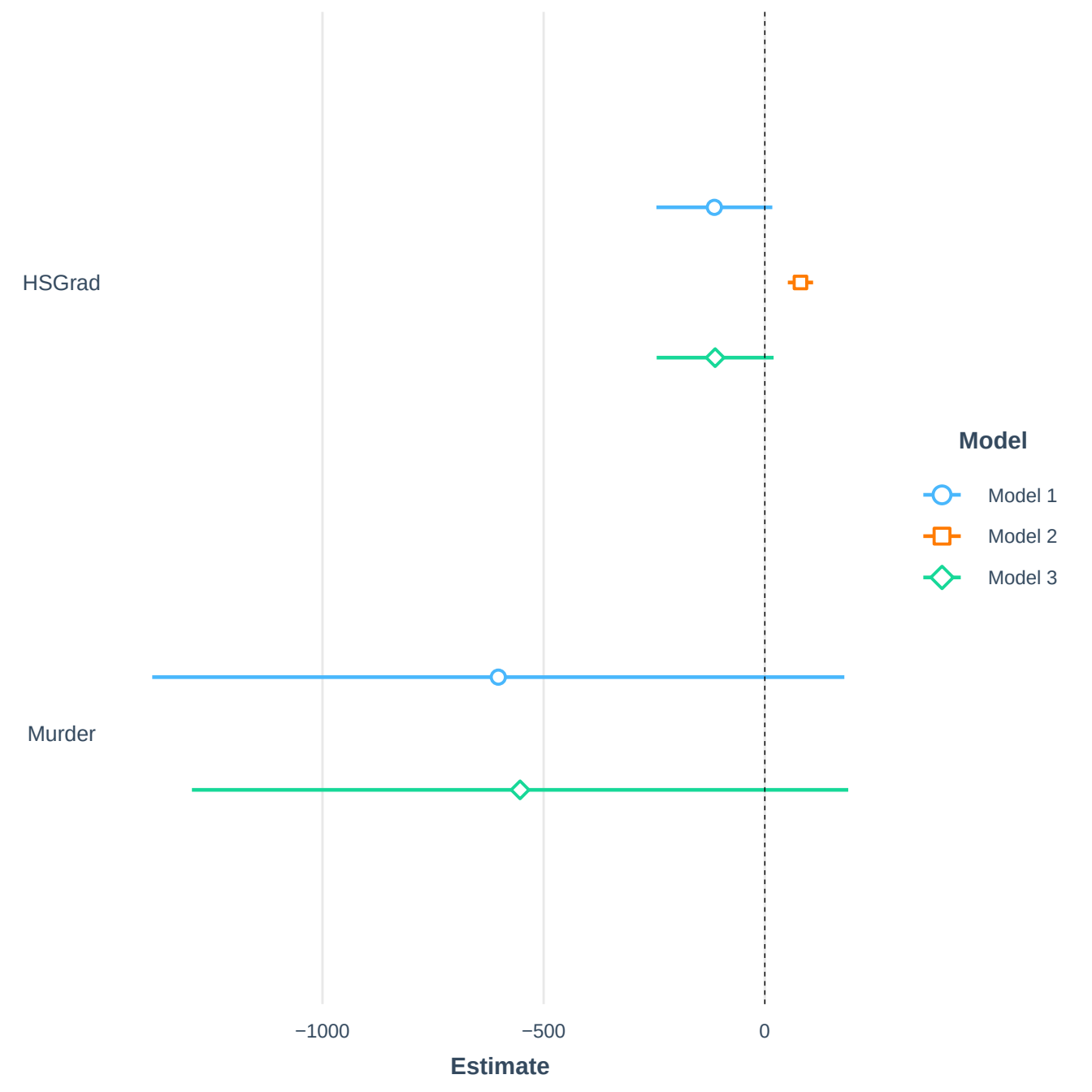

ell
meals
bothYes
ell:meals
ell:bothYes
meals:bothYes
ell:meals:bothYes
0
50
100
Estimate

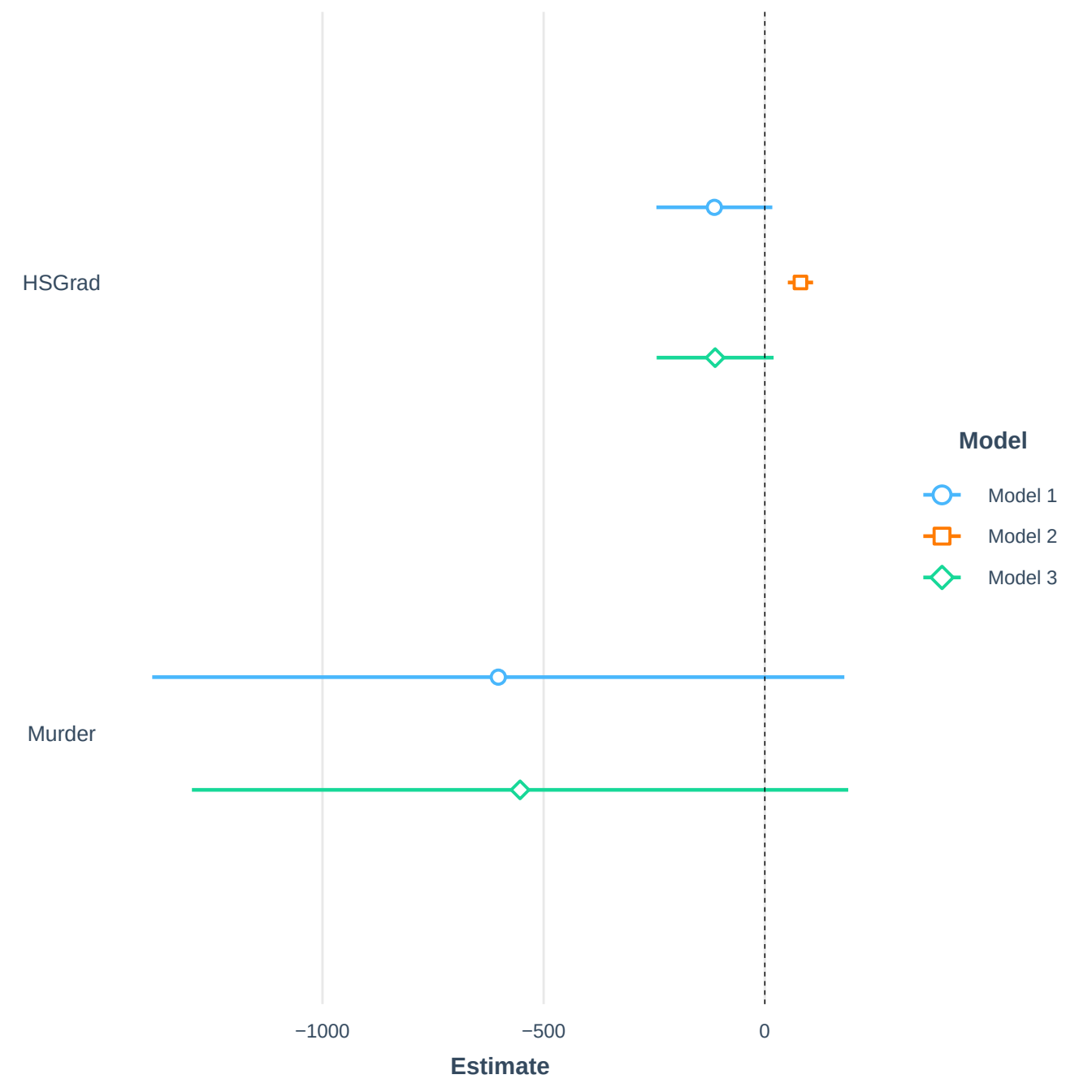

ell
meals
both
ell:meals
ell:both
meals:both
ell:meals:both
−100
−50
0
50
Estimate

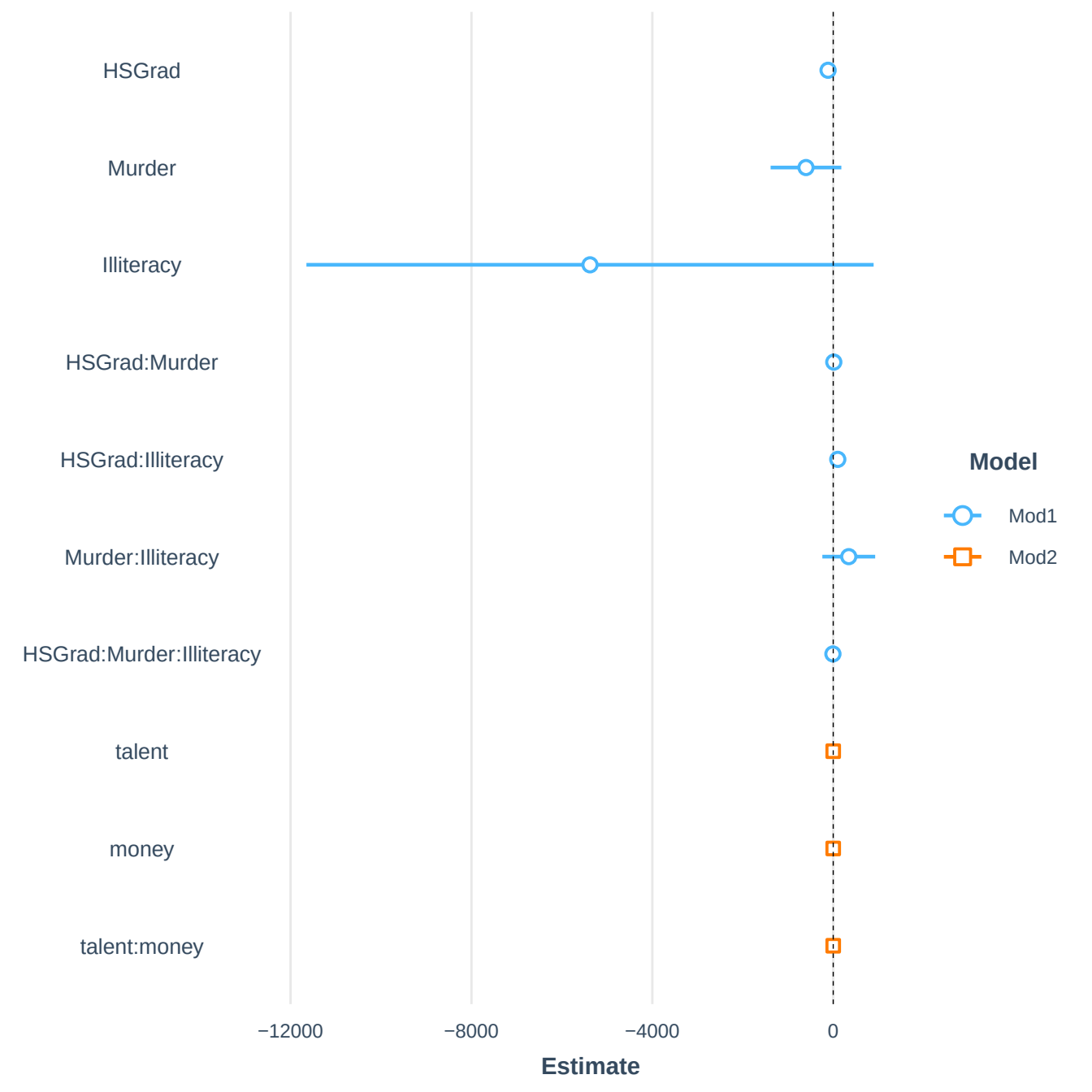

Days
0
5
10
Estimate

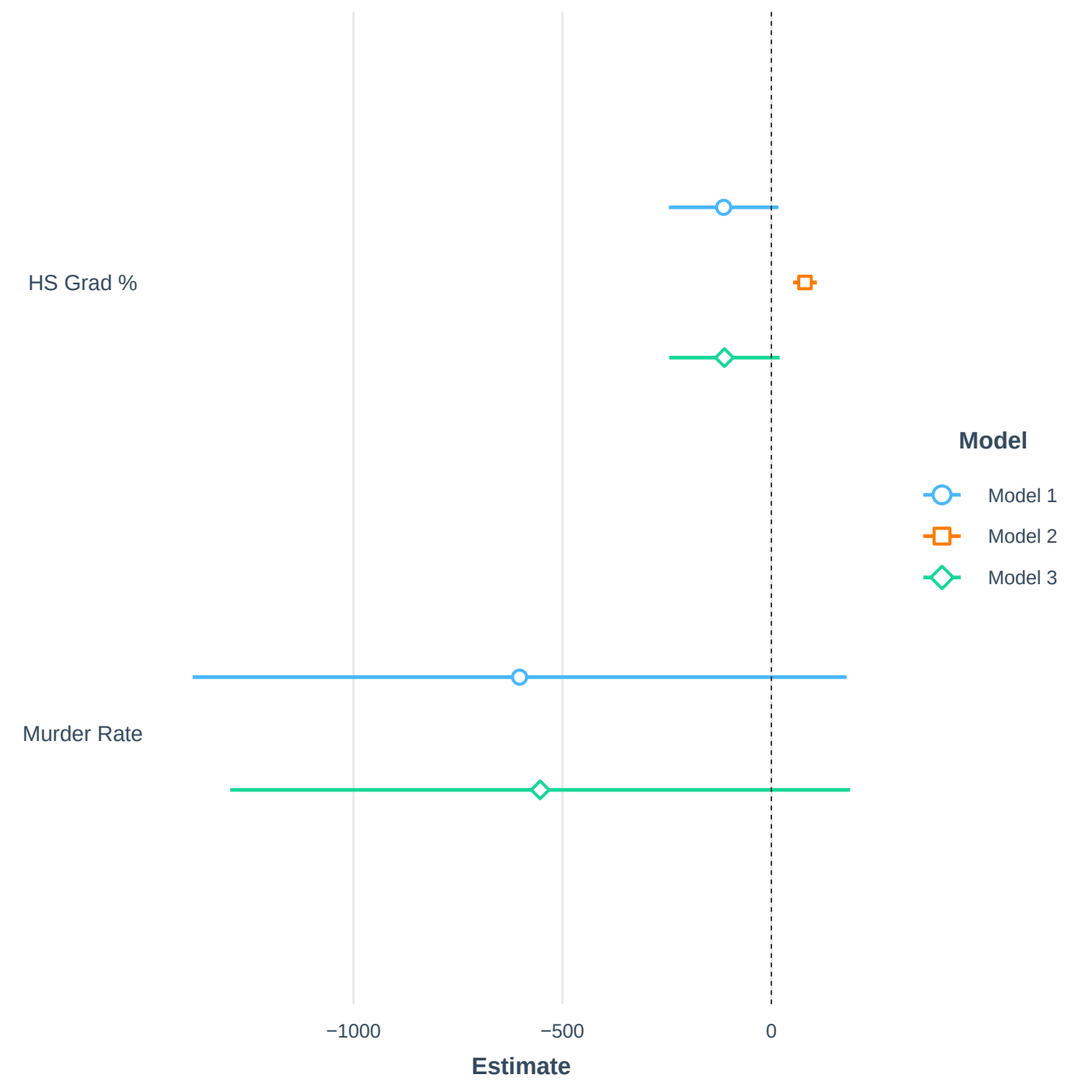

Days
0
10
20
30
40
Estimate

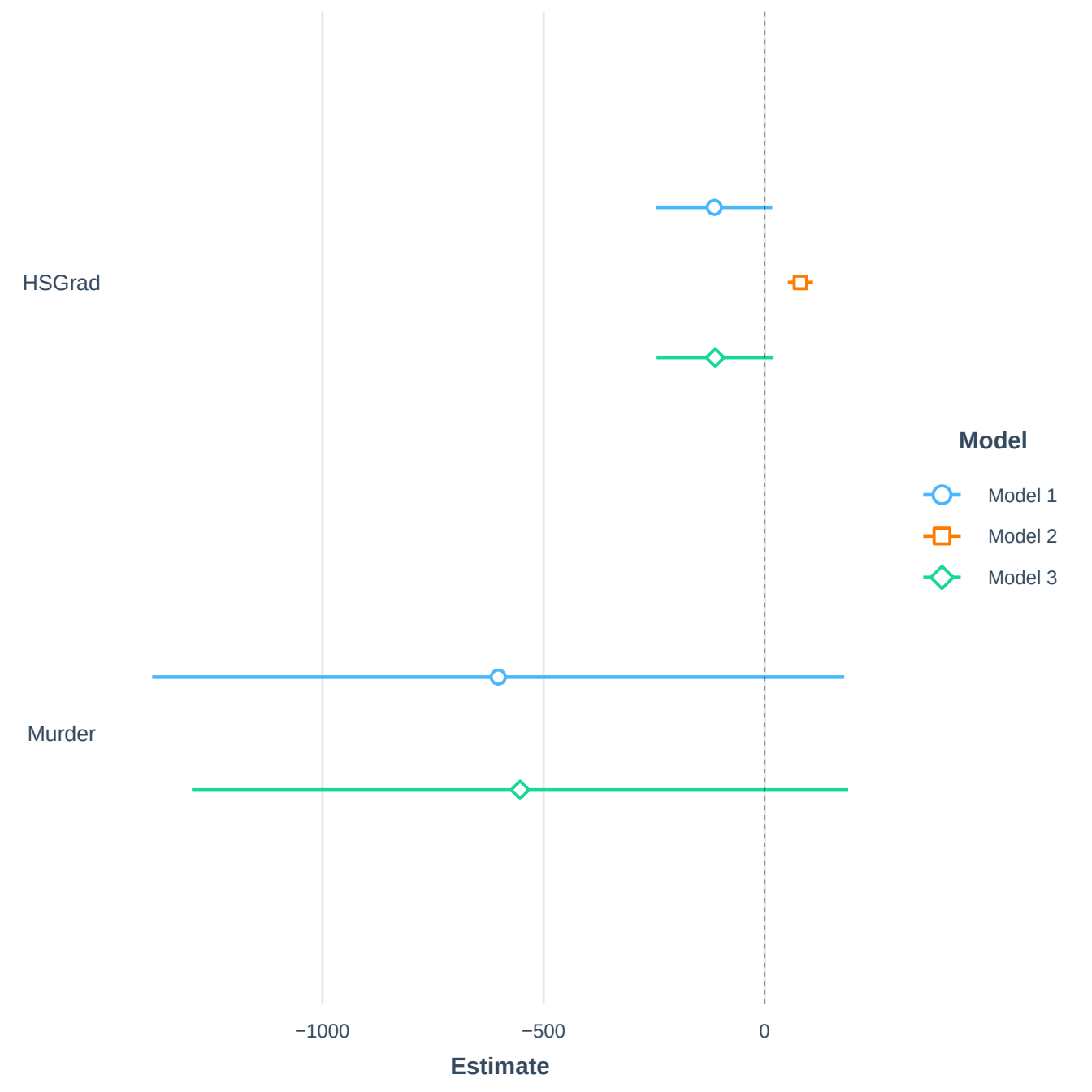

HS Grad %
Murder Rate
−1000
−500
0
Estimate
Model
Model 1
Model 2
Model 3


HSGrad
Murder
−1000
−500
0
Estimate
Model
Model 1
Model 2
Model 3

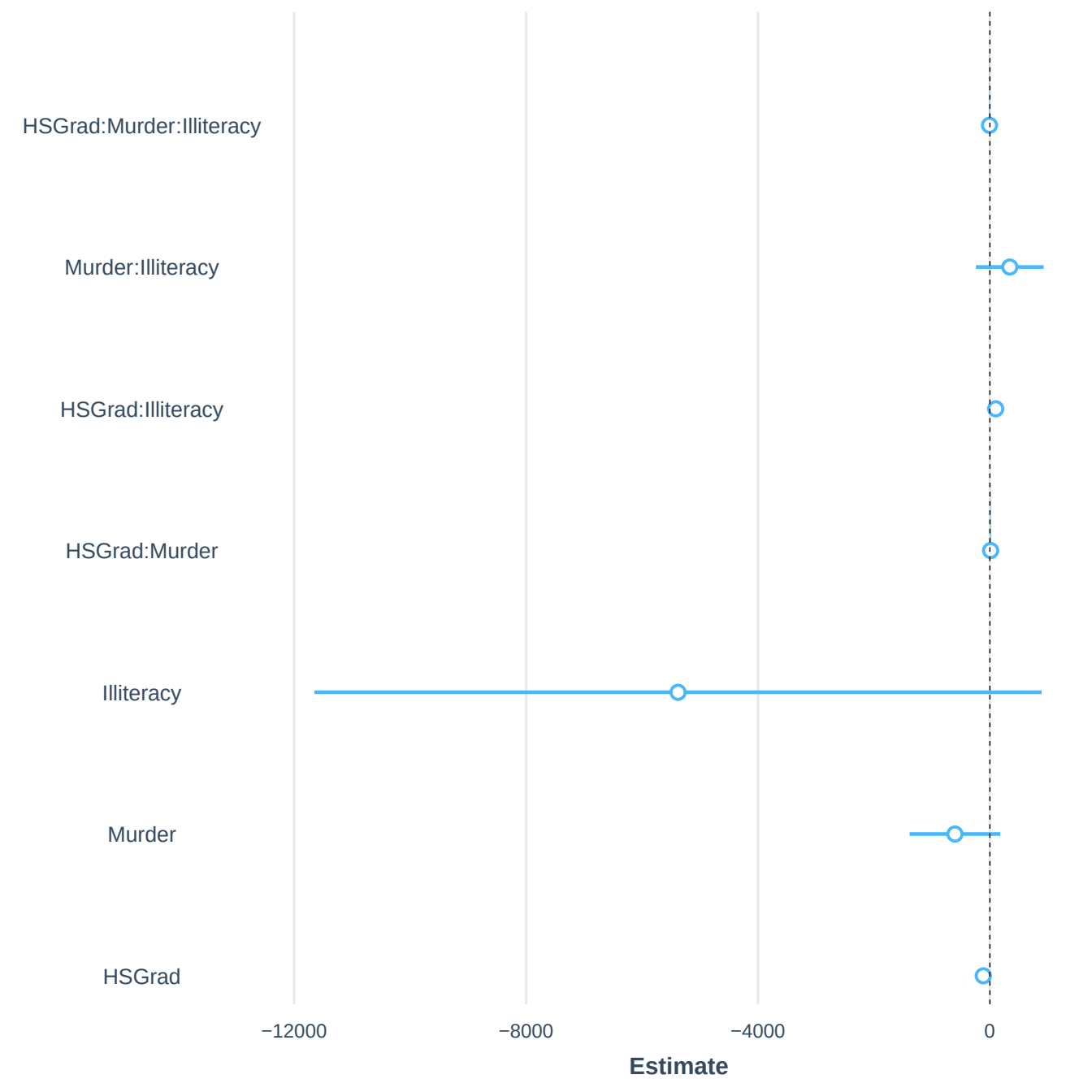

HSGrad
Murder
−1000
−500
0
Estimate
Model
Model 1
Model 2
Model 3

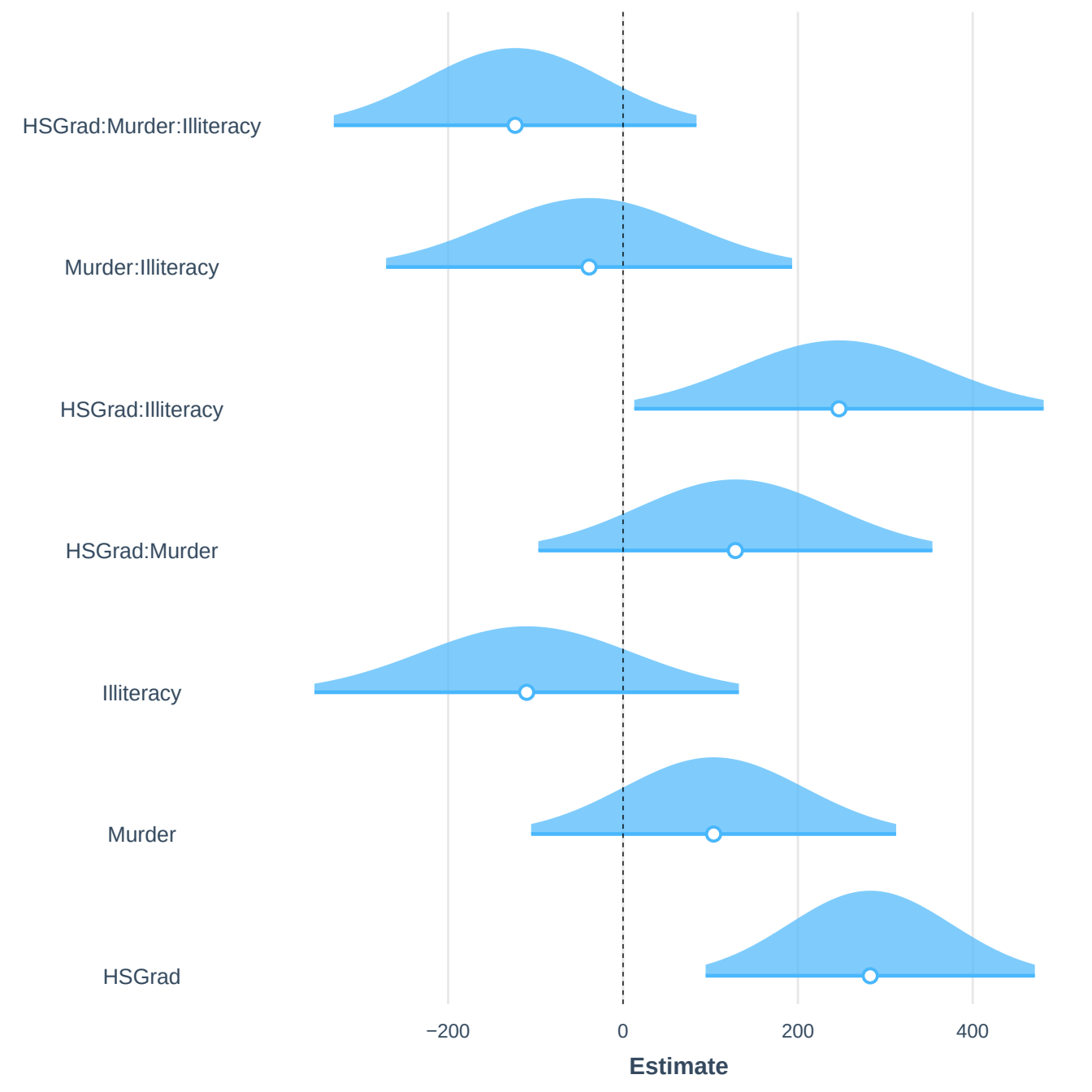

HSGrad
Murder
Illiteracy
HSGrad:Murder
HSGrad:Illiteracy
Murder:Illiteracy
HSGrad:Murder:Illiteracy
talent
money
talent:money
−12000
−8000
−4000
0
Estimate
Model
Mod1
Mod2


HS Grad %
Murder Rate
−1000
−500
0
Estimate
Model
Model 1
Model 2
Model 3

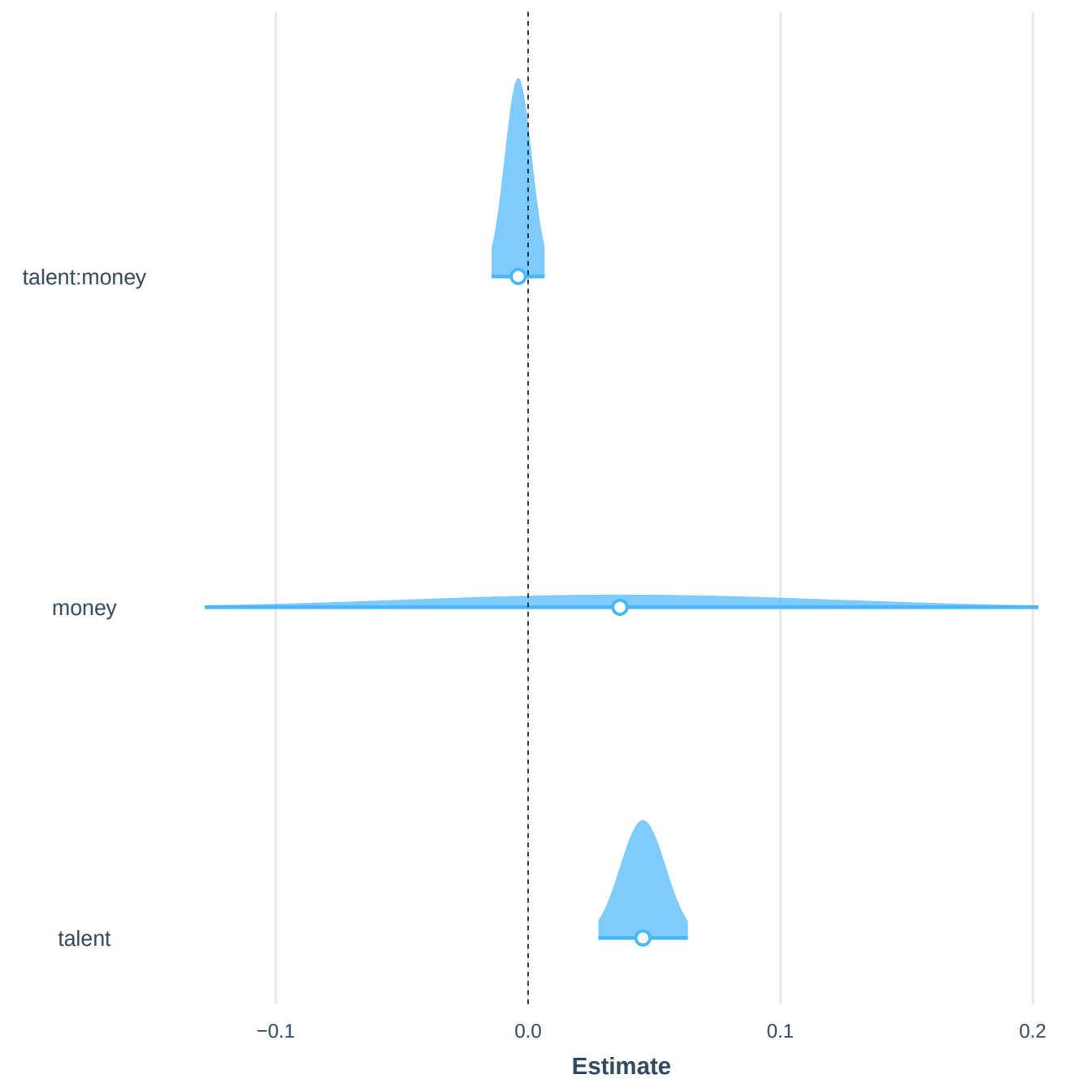

HSGrad
Murder
−1000
−500
0
Estimate
Model
Model 1
Model 2
Model 3

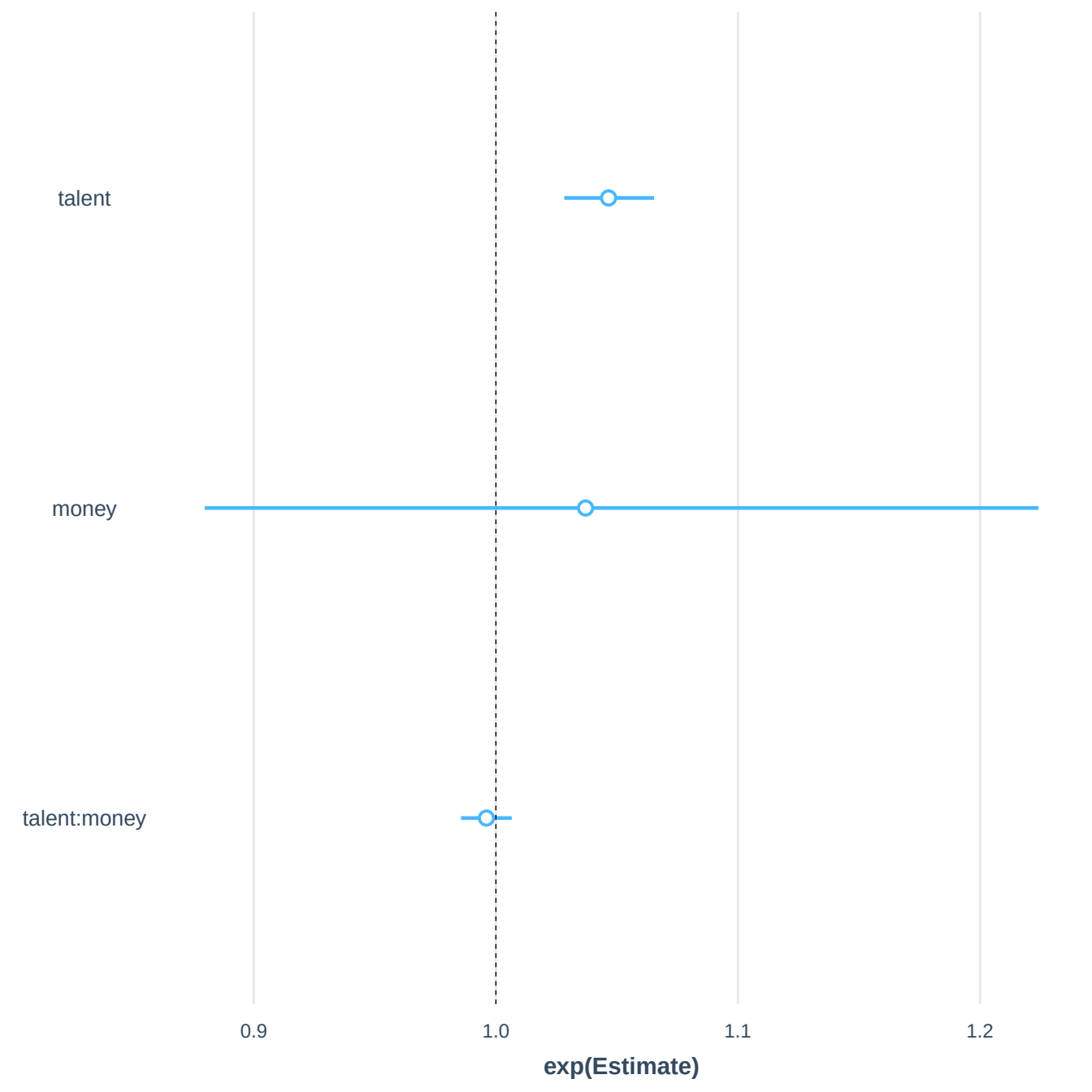
HSGrad
Murder
Illiteracy
HSGrad:Murder
HSGrad:Illiteracy
Murder:Illiteracy
HSGrad:Murder:Illiteracy
−12000
−8000
−4000
0
Estimate
Model
Model 1
Model 2


HSGrad:Murder:Illiteracy
Murder:Illiteracy
HSGrad:Illiteracy
HSGrad:Murder
Illiteracy
Murder
HSGrad
−12000
−8000
−4000
0
Estimate

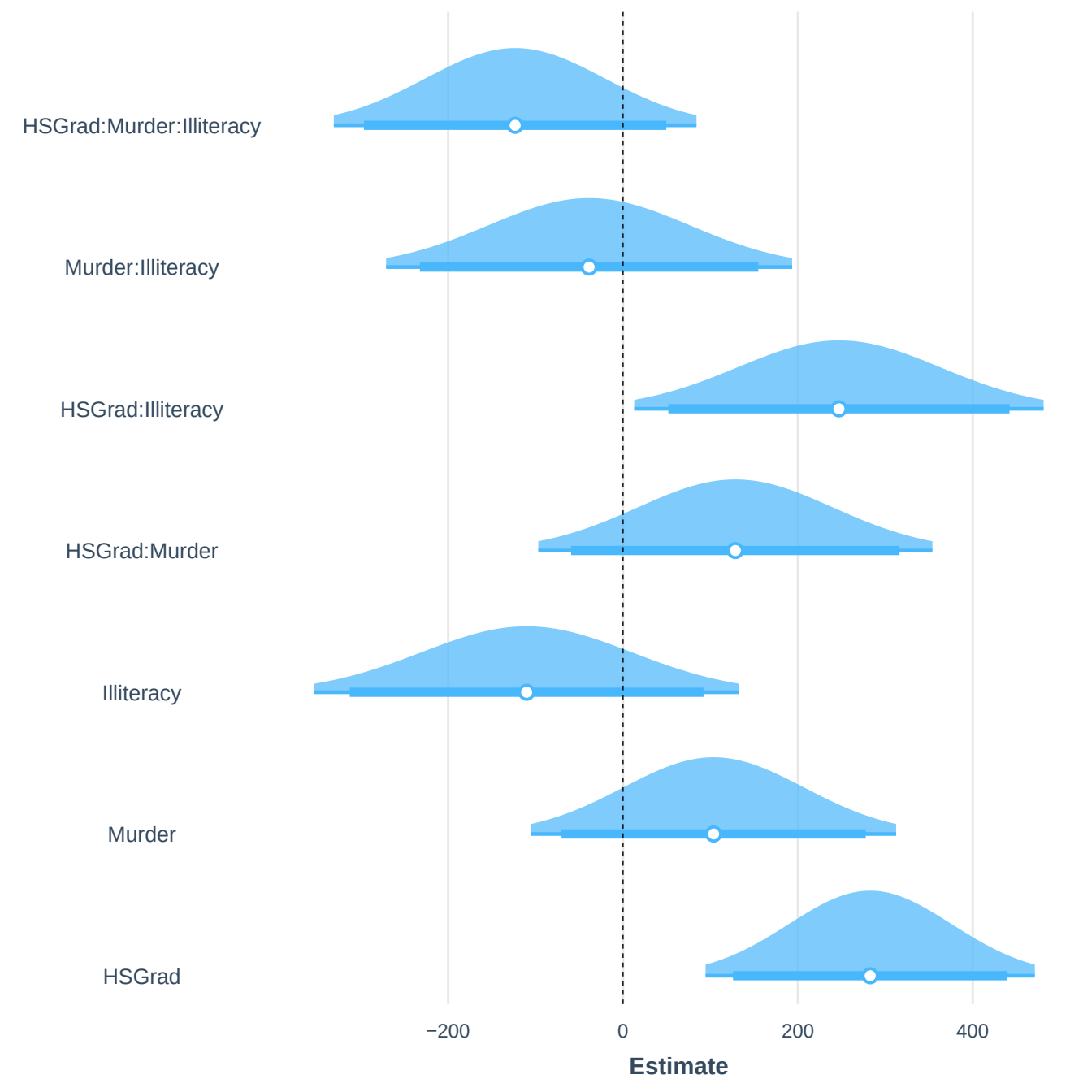

HSGrad:Murder:Illiteracy
Murder:Illiteracy
HSGrad:Illiteracy
HSGrad:Murder
Illiteracy
Murder
HSGrad
−200
0
200
400
Estimate

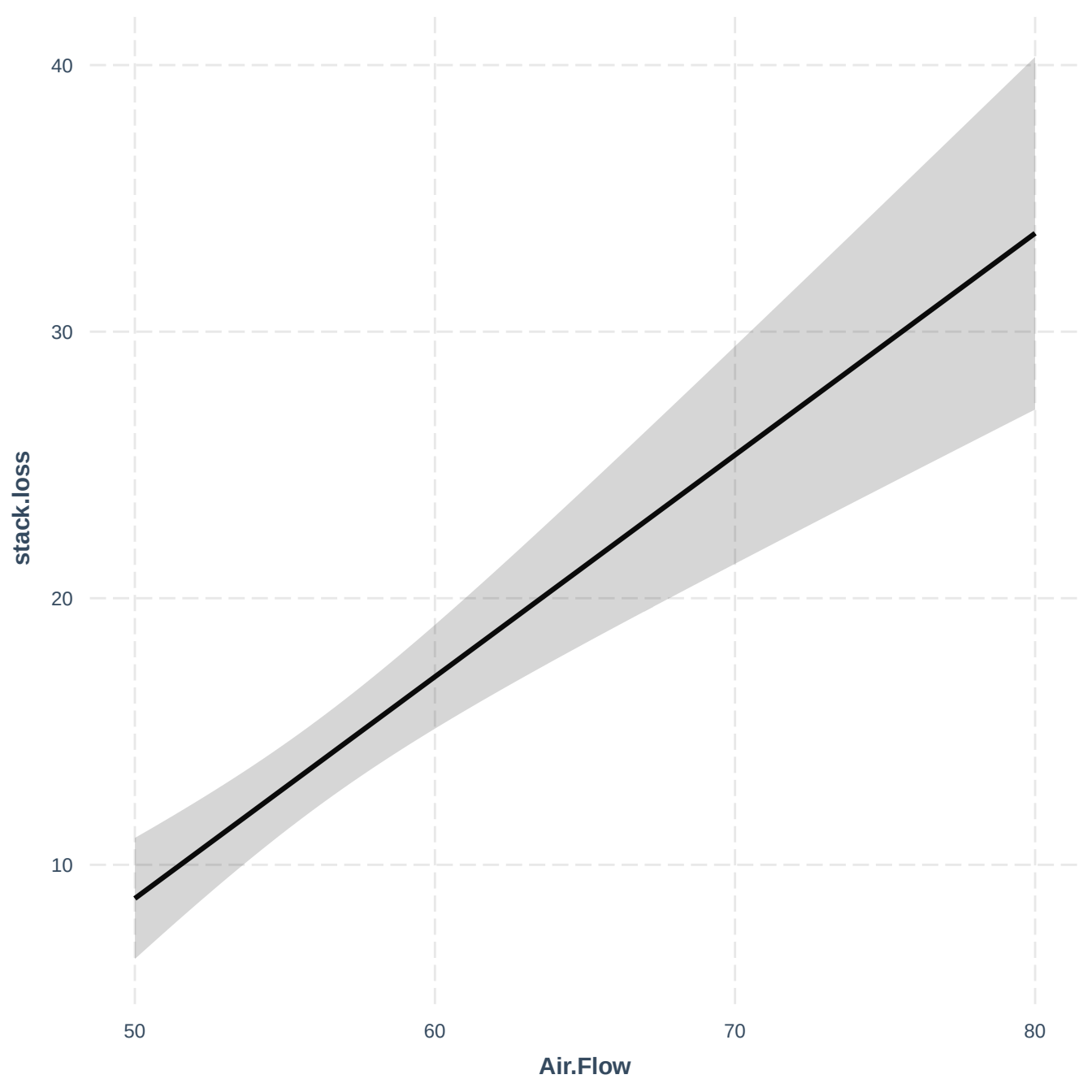
HSGrad:Murder:Illiteracy
Murder:Illiteracy
HSGrad:Illiteracy
HSGrad:Murder
Illiteracy
Murder
HSGrad
−12000
−8000
−4000
0
Estimate
Model
Model 1
Model 2

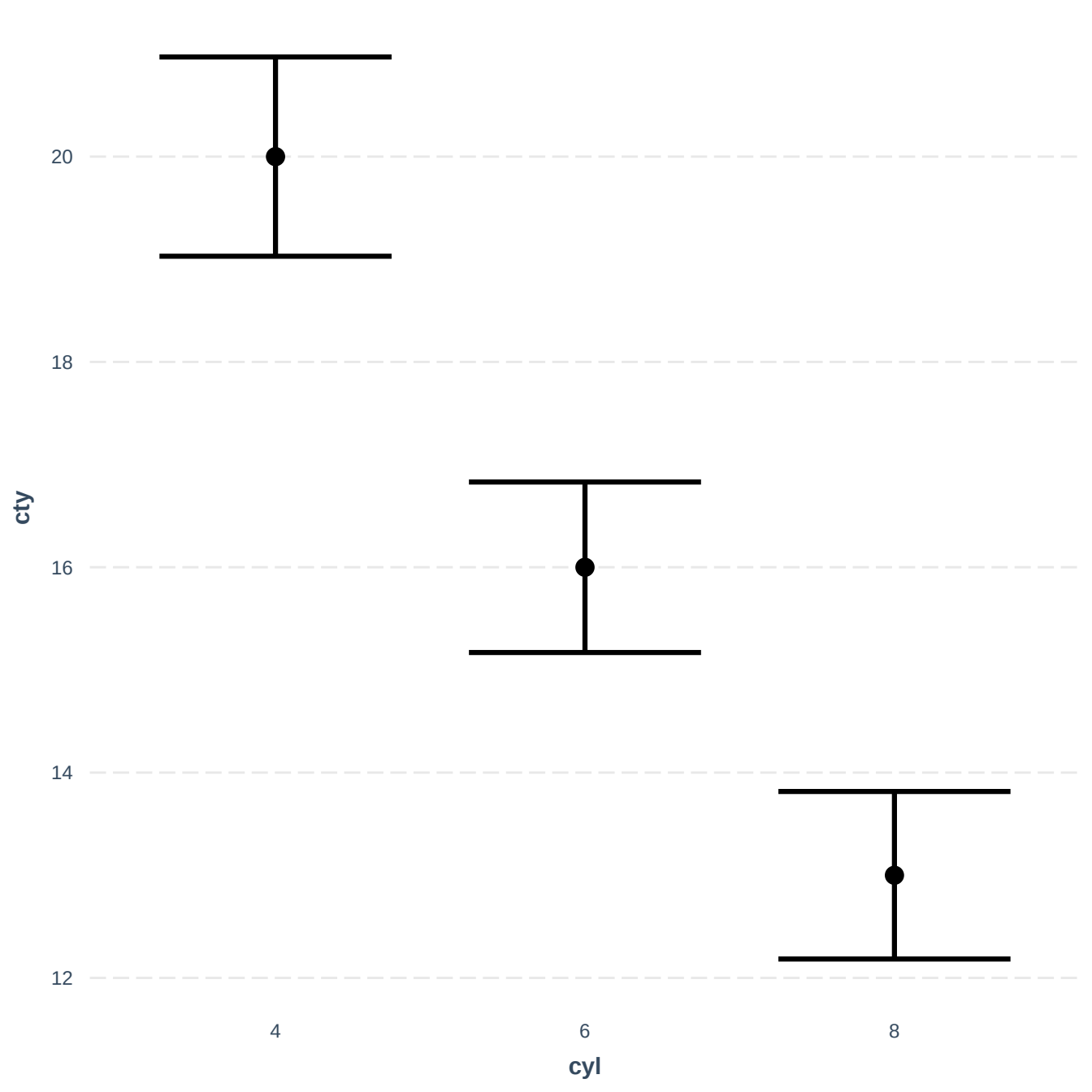

talent:money
money
talent
−0.1
0.0
0.1
0.2
Estimate


talent
money
talent:money
0.9
1.0
1.1
1.2
exp(Estimate)

HSGrad:Murder:Illiteracy
Murder:Illiteracy
HSGrad:Illiteracy
HSGrad:Murder
Illiteracy
Murder
HSGrad
−12000
−8000
−4000
0
Estimate
Model
Model 1
Model 2


HSGrad:Murder:Illiteracy
Murder:Illiteracy
HSGrad:Illiteracy
HSGrad:Murder
Illiteracy
Murder
HSGrad
−200
0
200
400
Estimate


40
30
20
10
stack.loss
50
60
70
80
Air.Flow


20
18
16
14
12
cty
4
6
8
cyl