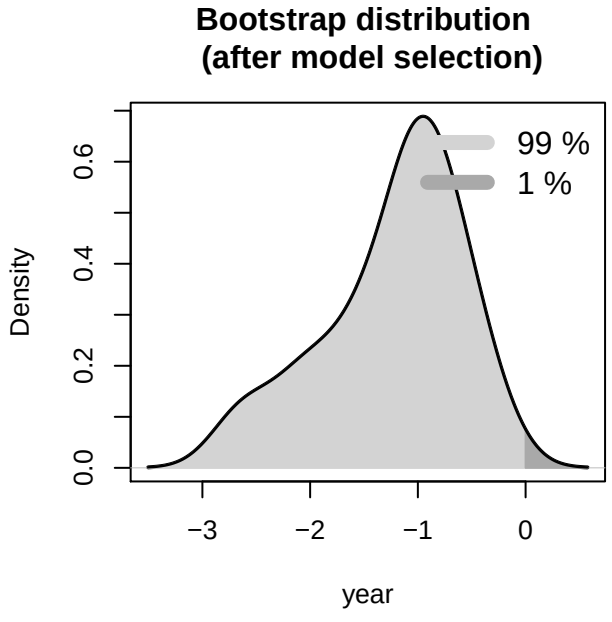
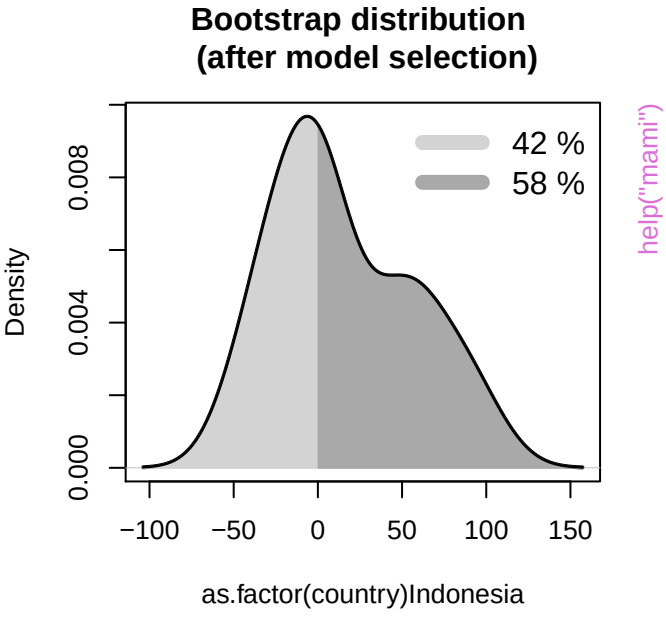
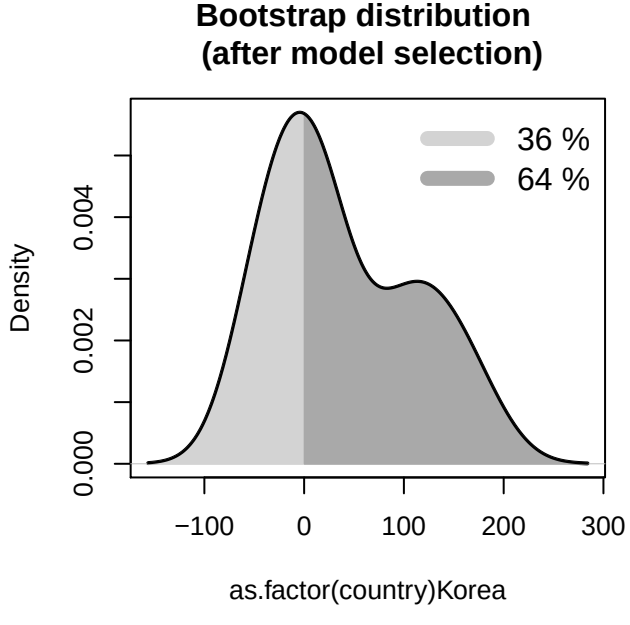
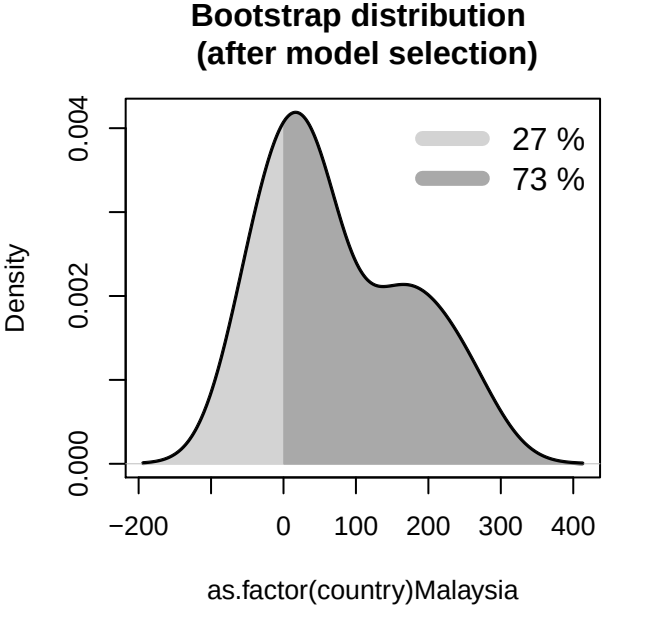
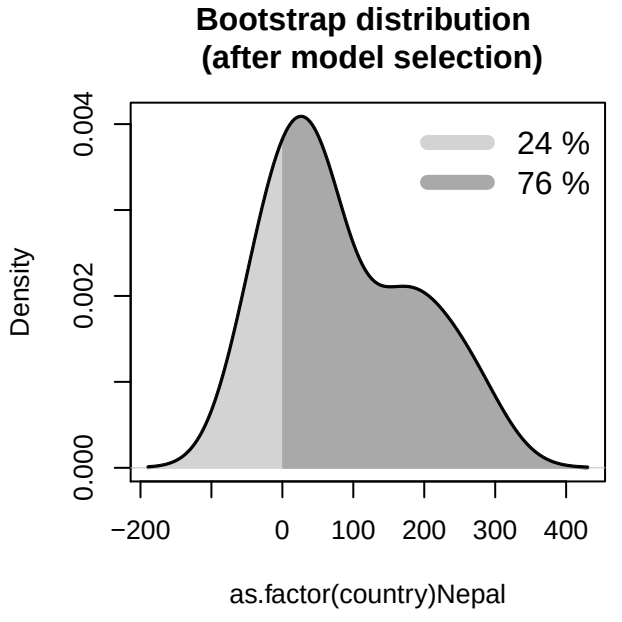

Bootstrap distribution
(after model selection)
99 %
1 %
Density
0.0
0.2
0.4
0.6
−3
−2
−1
0
year

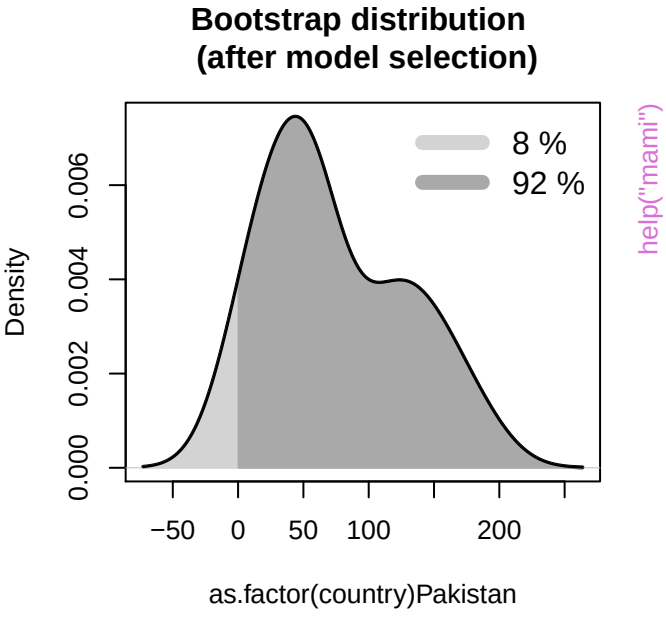

Bootstrap distribution
(after model selection)
42 %
58 %
Density
0.000
0.004
0.008
−100
−50
0
50
100
150
as.factor(country)Indonesia

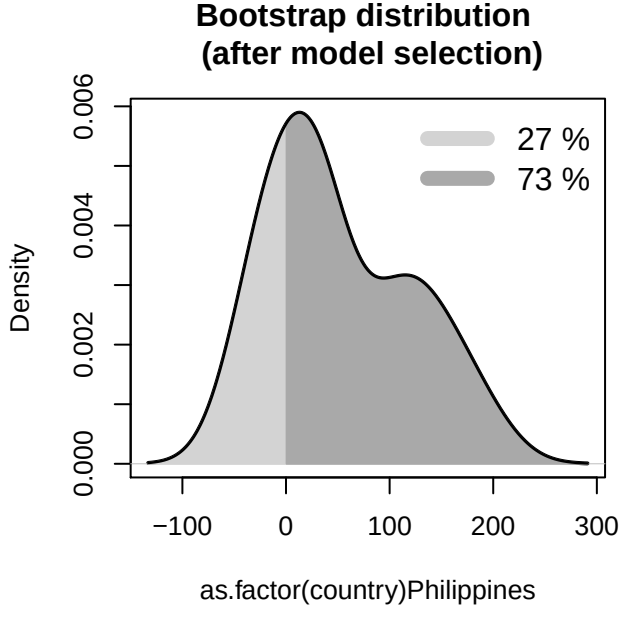
help("mami")

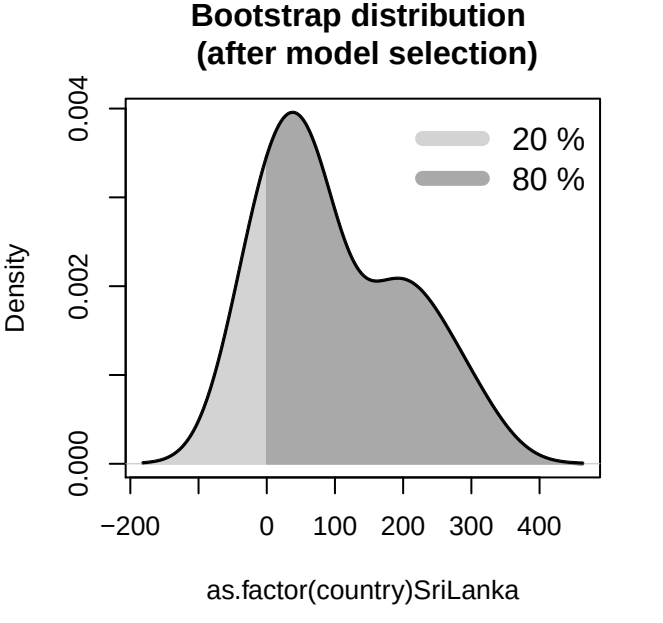

Bootstrap distribution
(after model selection)
36 %
64 %
Density
0.000
0.002
0.004
−100
0
100
200
300
as.factor(country)Korea


Bootstrap distribution
(after model selection)
27 %
73 %
Density
0.000
0.002
0.004
−200
0
100
200
300
400
as.factor(country)Malaysia

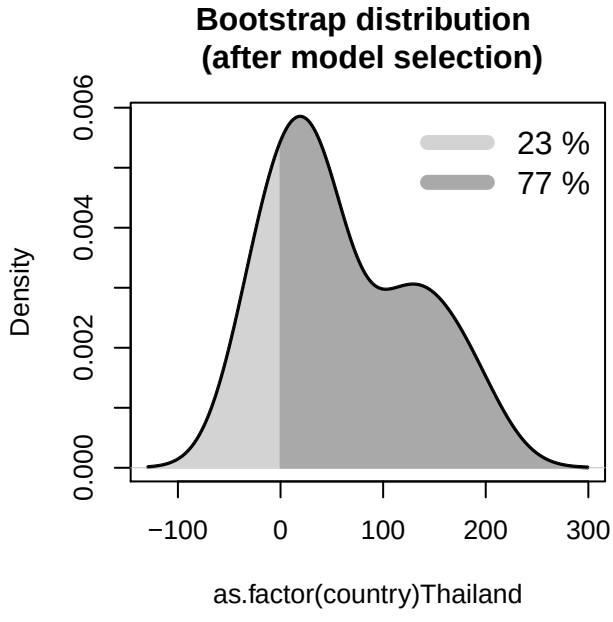

Bootstrap distribution
(after model selection)
Density
0.000
0.002
0.004
24 %
76 %
−200
0
100
200
300
400
as.factor(country)Nepal

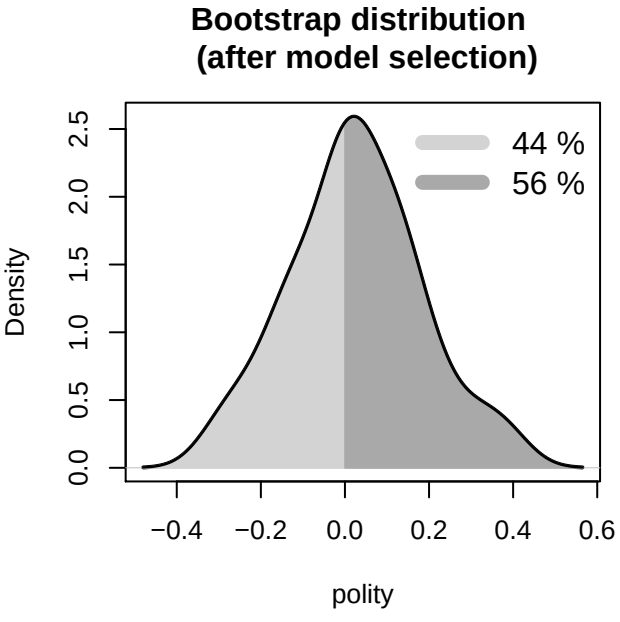

Bootstrap distribution
(after model selection)
Density
0.000
0.002
0.004
0.006
8 %
92 %
−50
0
50
100
200
as.factor(country)Pakistan


Bootstrap distribution
(after model selection)
Density
0.000
0.002
0.004
0.006
27 %
73 %
−100
0
100
200
300
as.factor(country)Philippines

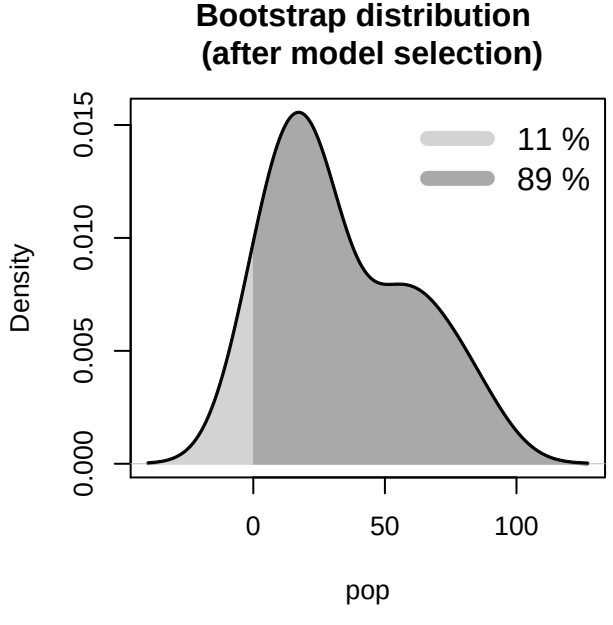

Bootstrap distribution
(after model selection)
Density
0.000
0.002
0.004
20 %
80 %
−200
0
100
200
300
400
as.factor(country)SriLanka

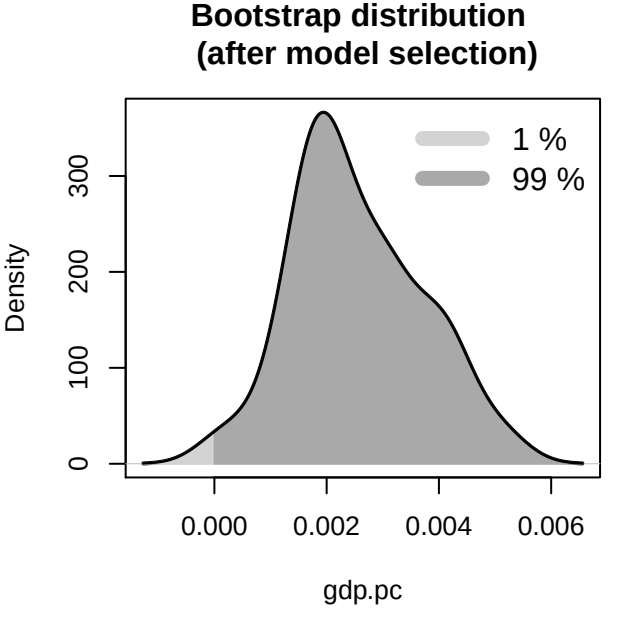
help("mami")

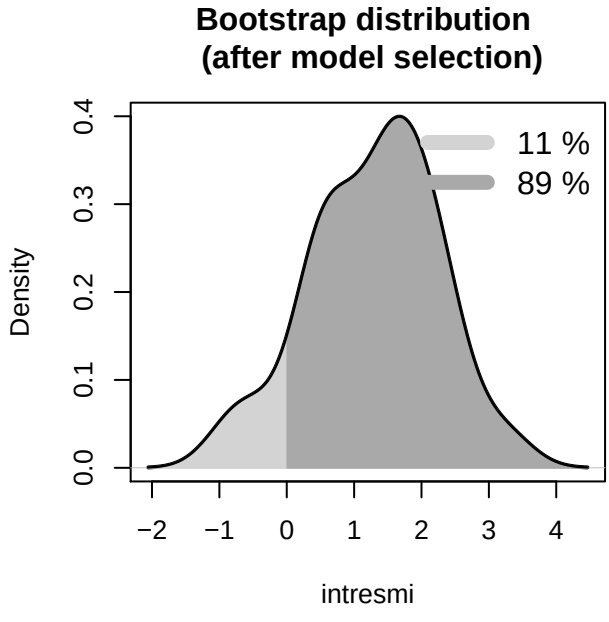

Bootstrap distribution
(after model selection)
Density
0.000
0.002
0.004
0.006
23 %
77 %
−100
0
100
200
300
as.factor(country)Thailand

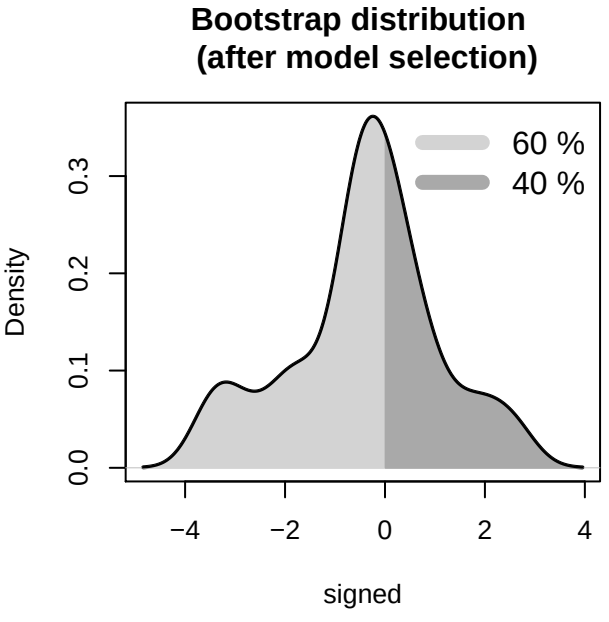

Bootstrap distribution
(after model selection)
Density
0.0
0.5
1.0
1.5
2.0
2.5
44 %
56 %
−0.4
−0.2
0.0
0.2
0.4
0.6
polity

help("mami")

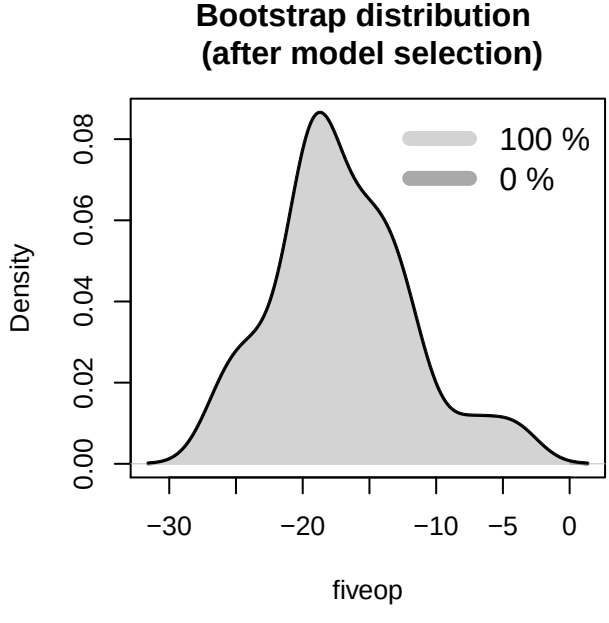

Bootstrap distribution
(after model selection)
Density
0.000
0.005
0.010
0.015
11 %
89 %
0
50
100
pop

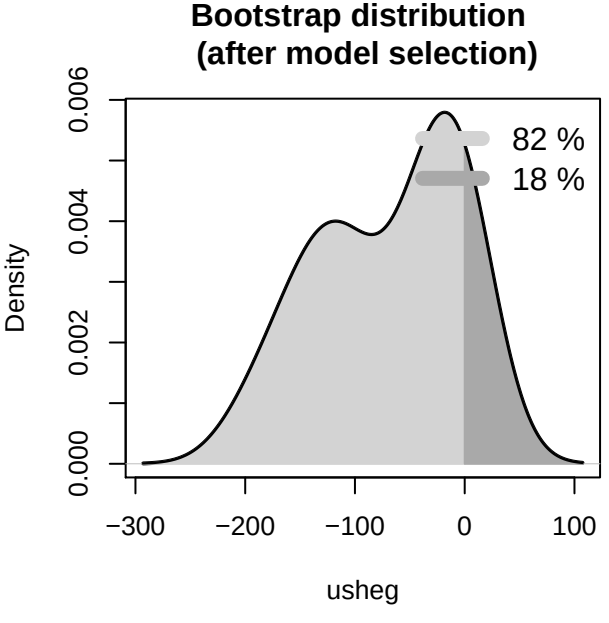

Bootstrap distribution
(after model selection)
Density
0
100
200
300
1 %
99 %
0.000
0.002
0.004
0.006
gdp.pc

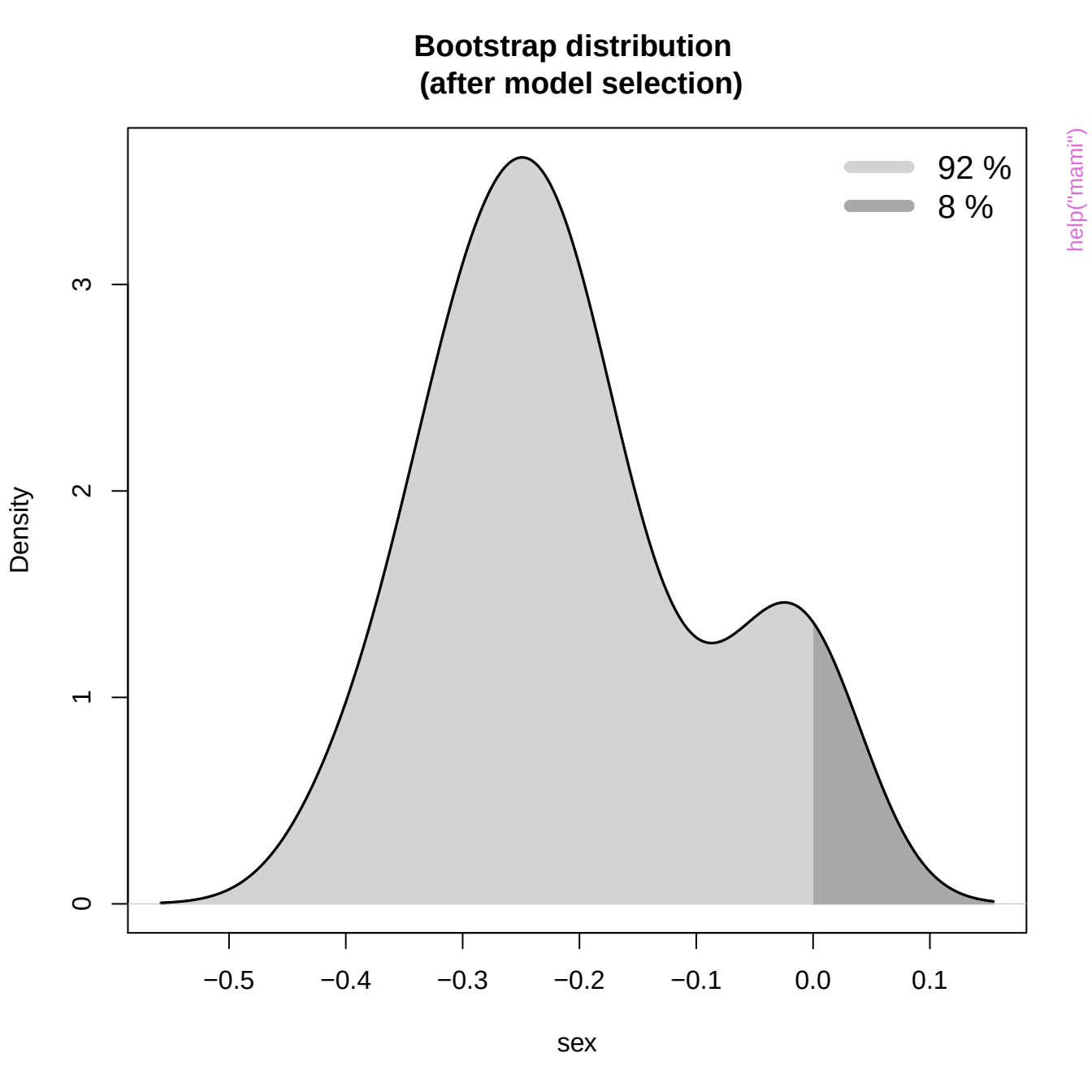

Bootstrap distribution
(after model selection)
Density
0.0
0.1
0.2
0.3
0.4
11 %
89 %
−2
−1
0
1
2
3
4
intresmi

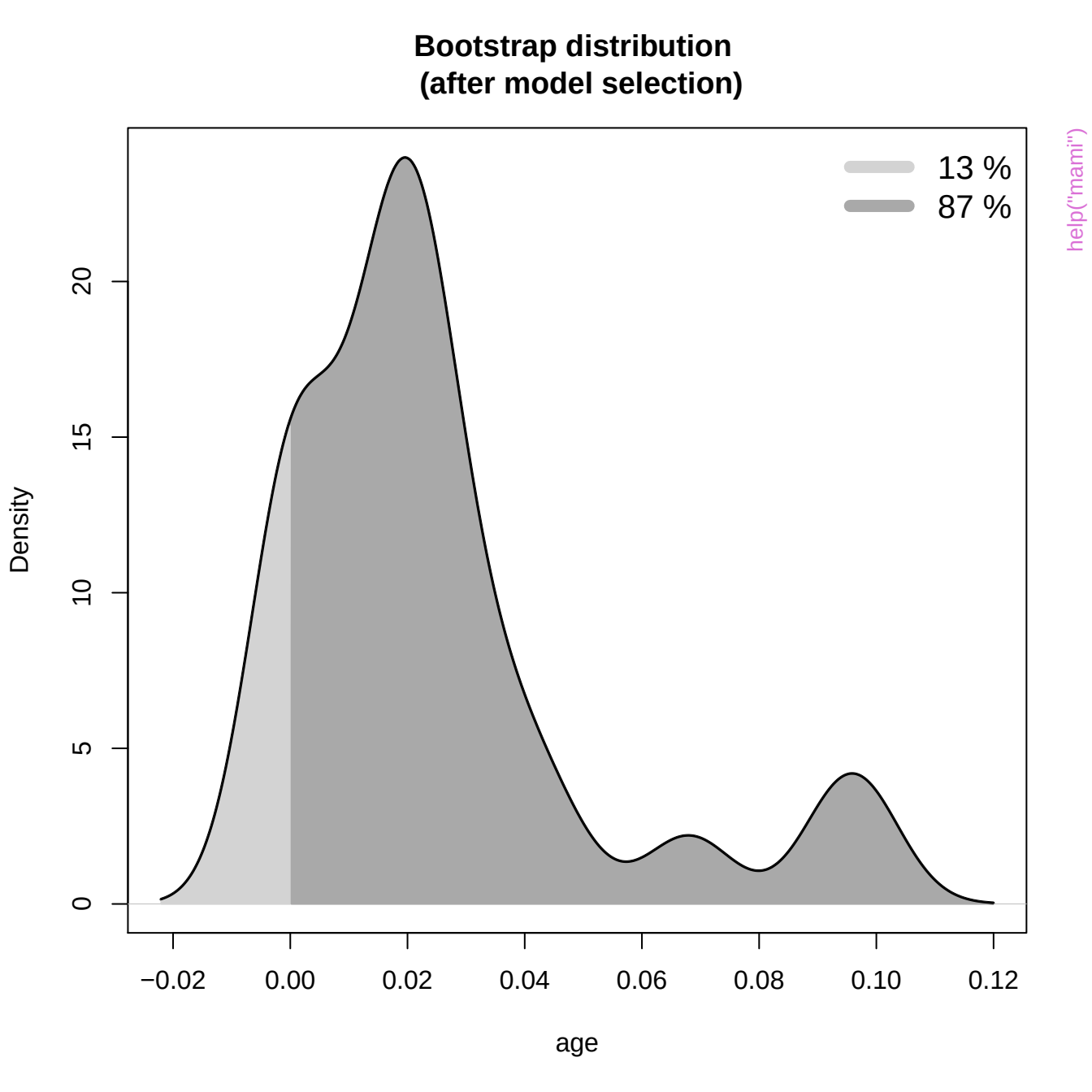

Bootstrap distribution
(after model selection)
Density
0.0
0.1
0.2
0.3
60 %
40 %
−4
−2
0
2
4
signed

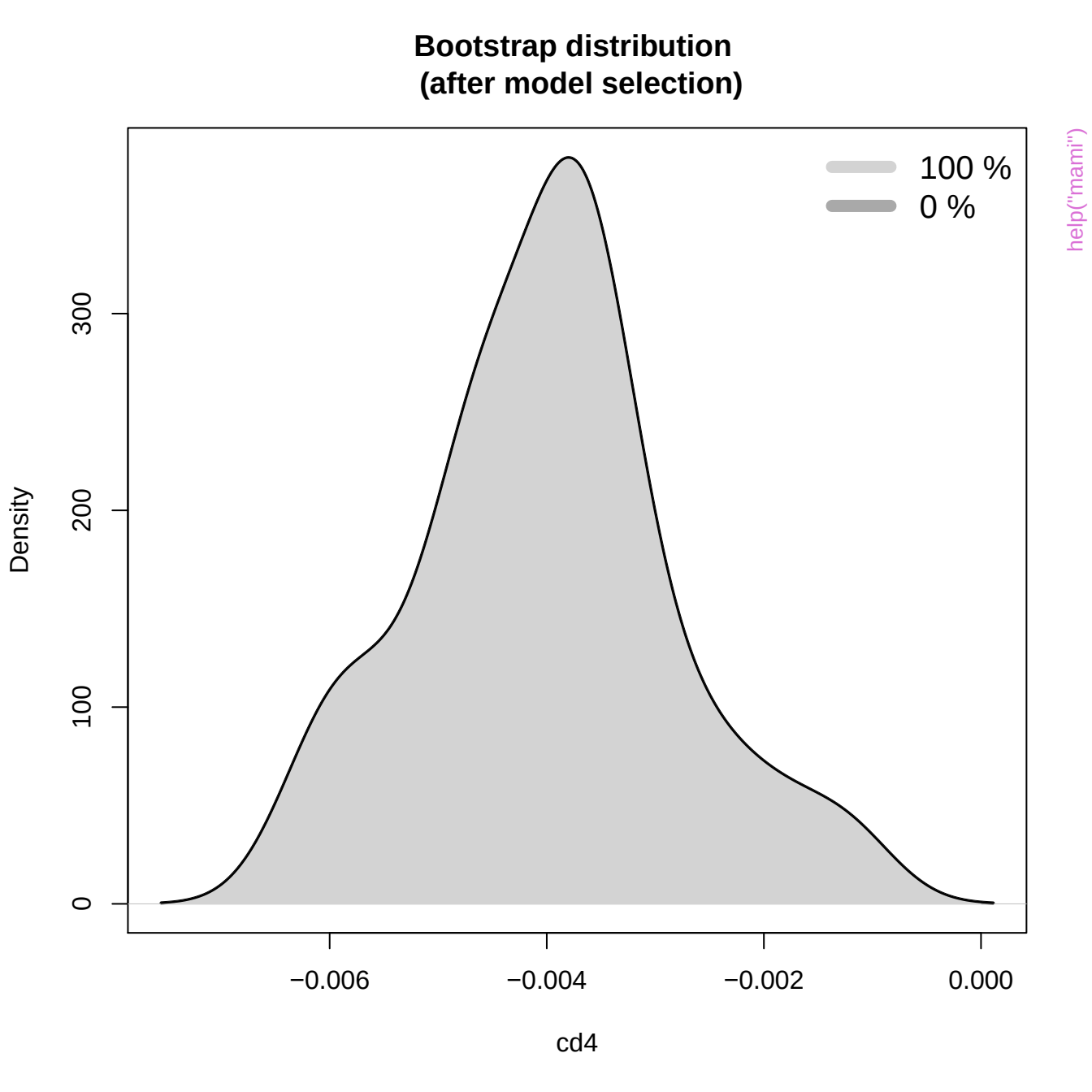
help("mami")

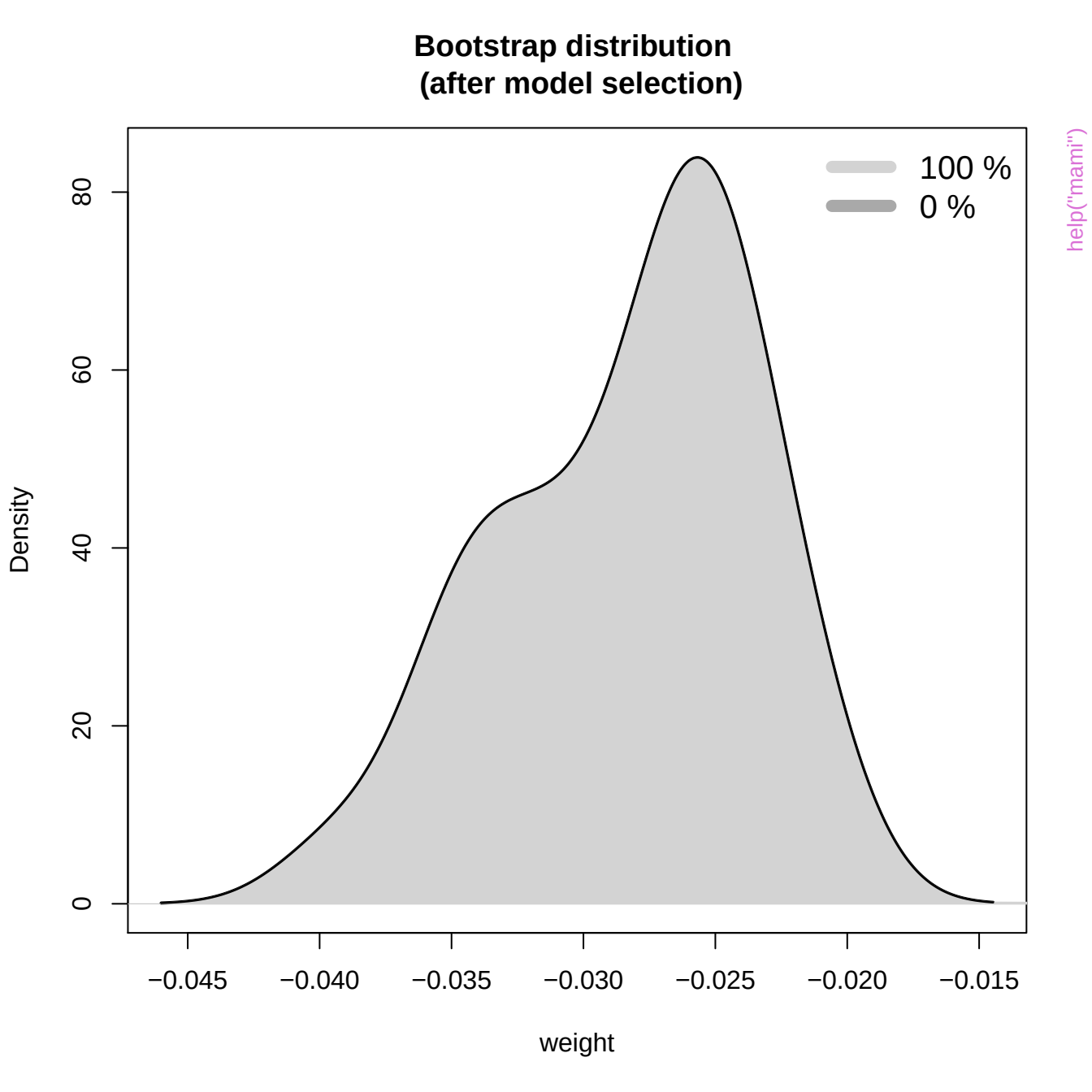

Bootstrap distribution
(after model selection)
Density
0.00
0.02
0.04
0.06
0.08
100 %
0 %
−30
−20
−10
−5
0
fiveop

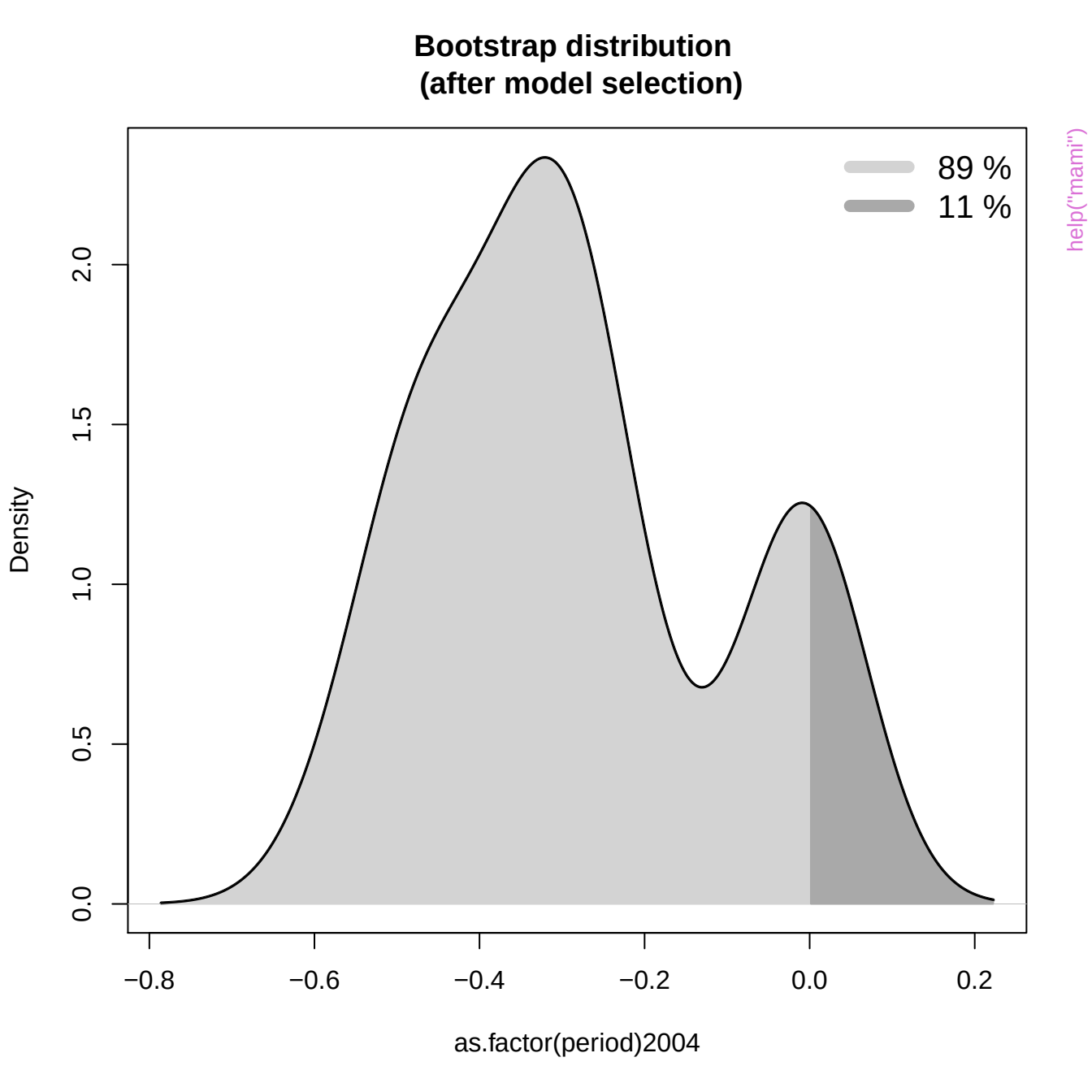

Bootstrap distribution
(after model selection)
Density
0.000
0.002
0.004
0.006
82 %
18 %
−300
−200
−100
0
100
usheg

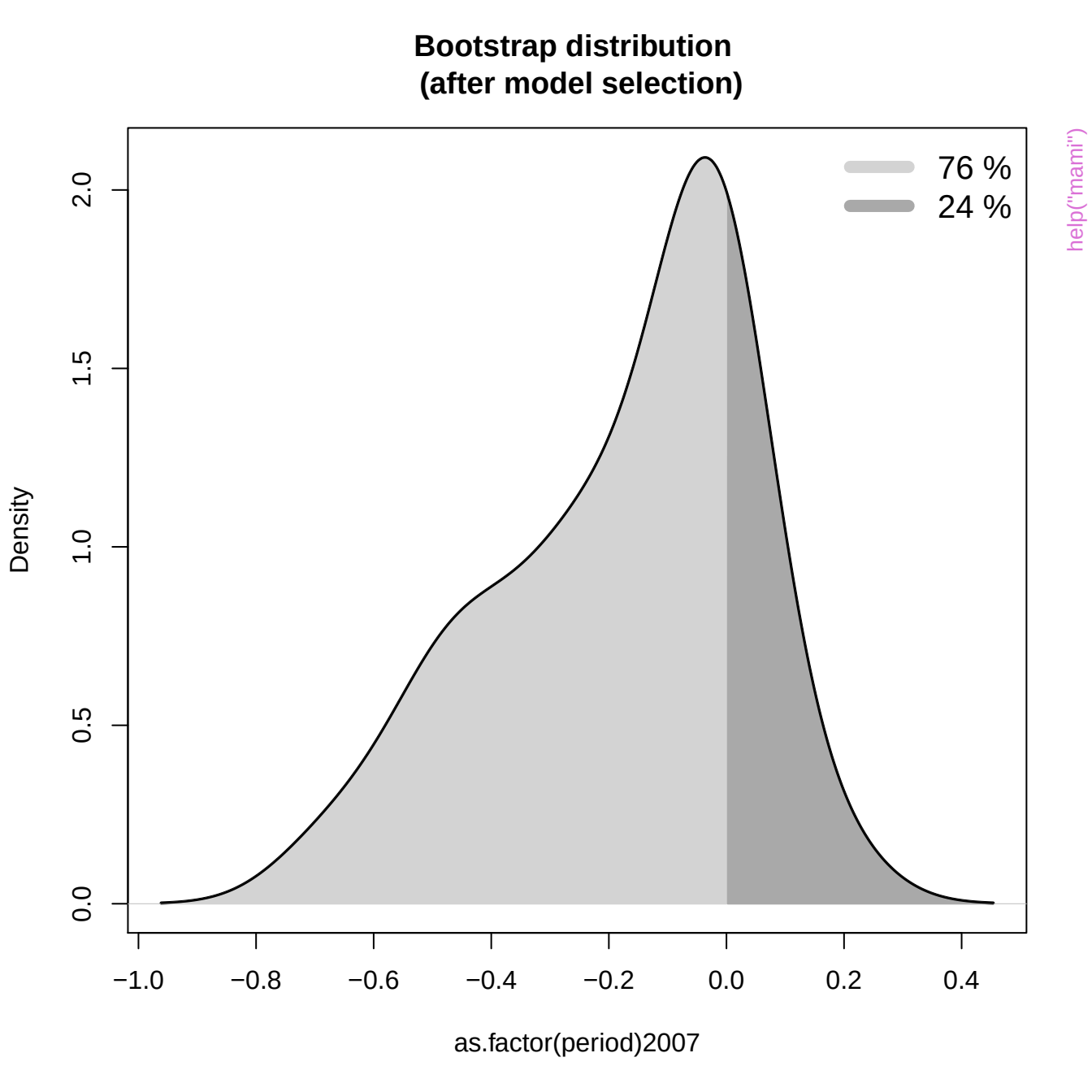

Bootstrap distribution
(after model selection)
92 %
8 %
Density
0
1
2
3
−0.5
−0.4
−0.3
−0.2
−0.1
0.0
0.1
sex
help("mami")

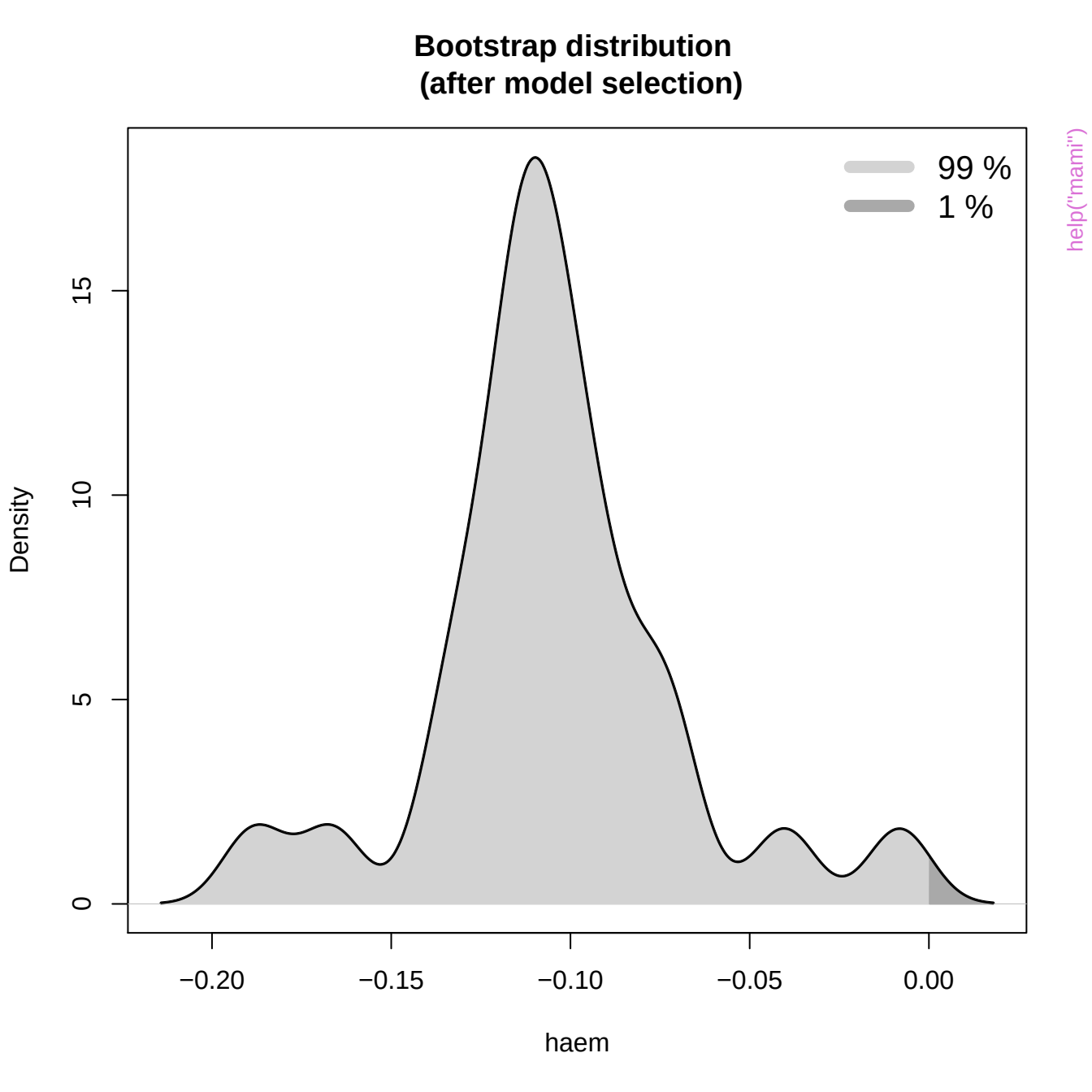

Bootstrap distribution
(after model selection)
13 %
87 %
Density
0
5
10
15
20
−0.02
0.00
0.02
0.04
0.06
0.08
0.10
0.12
age
help("mami")

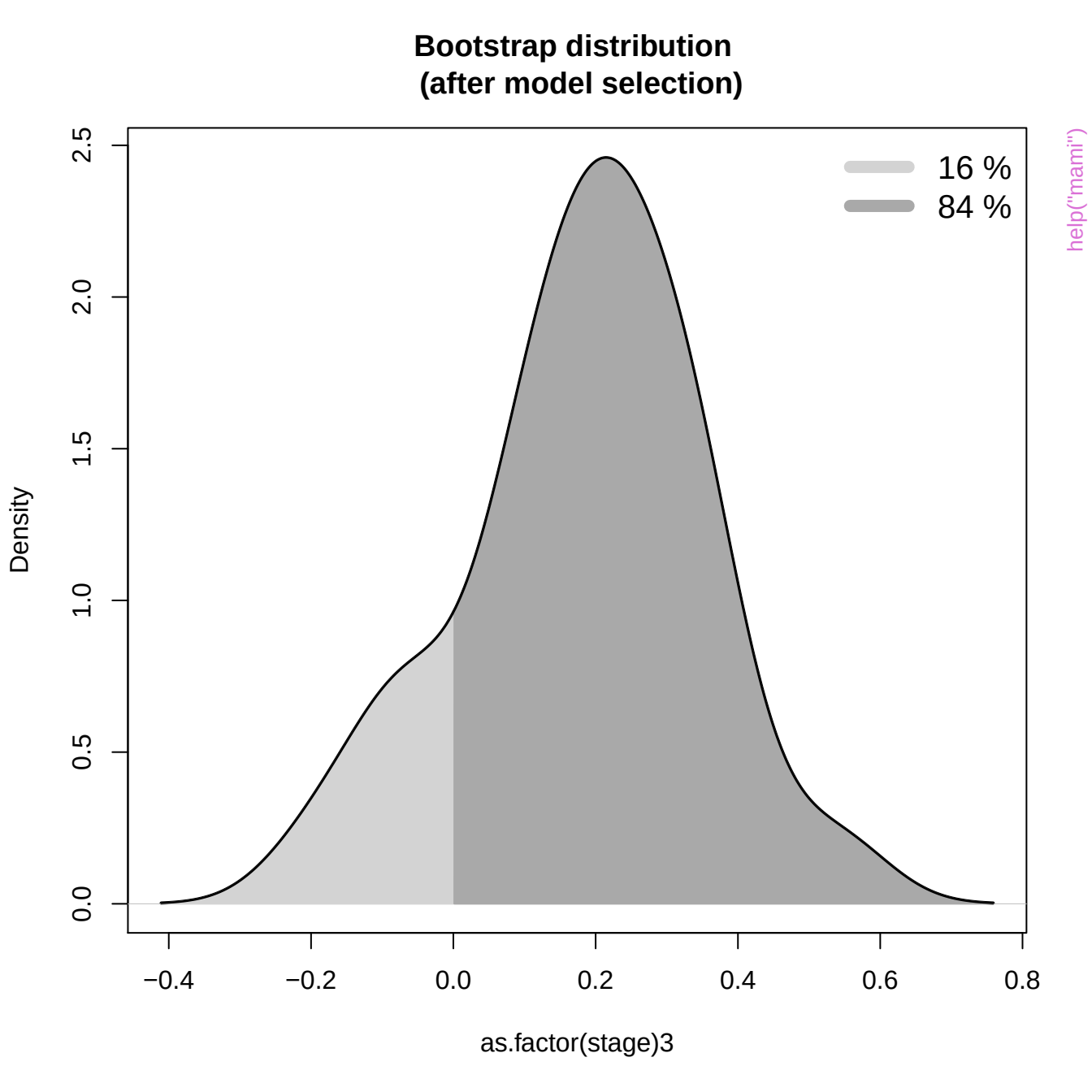

Bootstrap distribution
(after model selection)
100 %
0 %
help("mami")
Density
0
100
200
300
−0.006
−0.004
−0.002
0.000
cd4

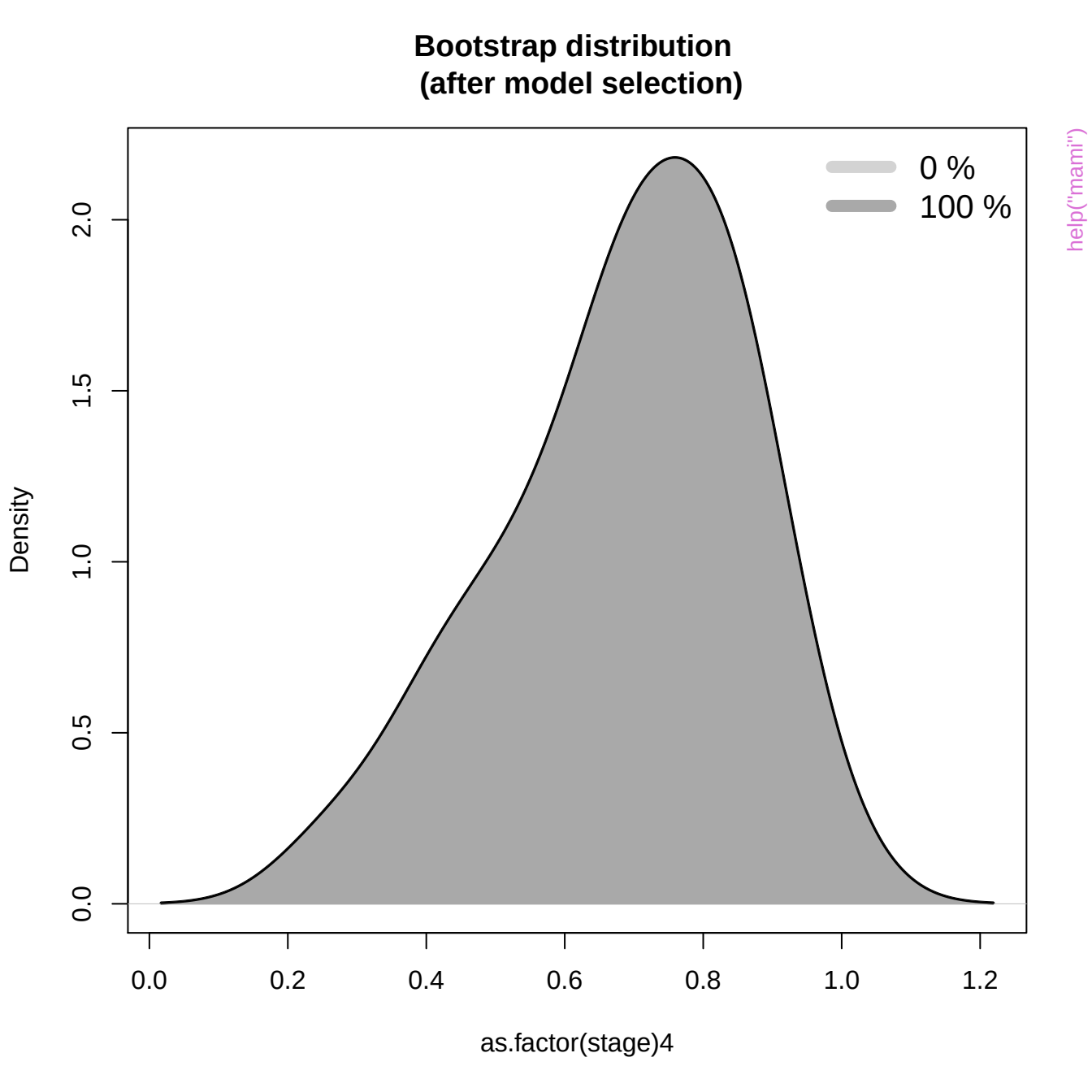

Bootstrap distribution
(after model selection)
100 %
0 %
Density
0
20
40
60
80
−0.045
−0.040
−0.035
−0.030
−0.025
−0.020
−0.015
weight
help("mami")

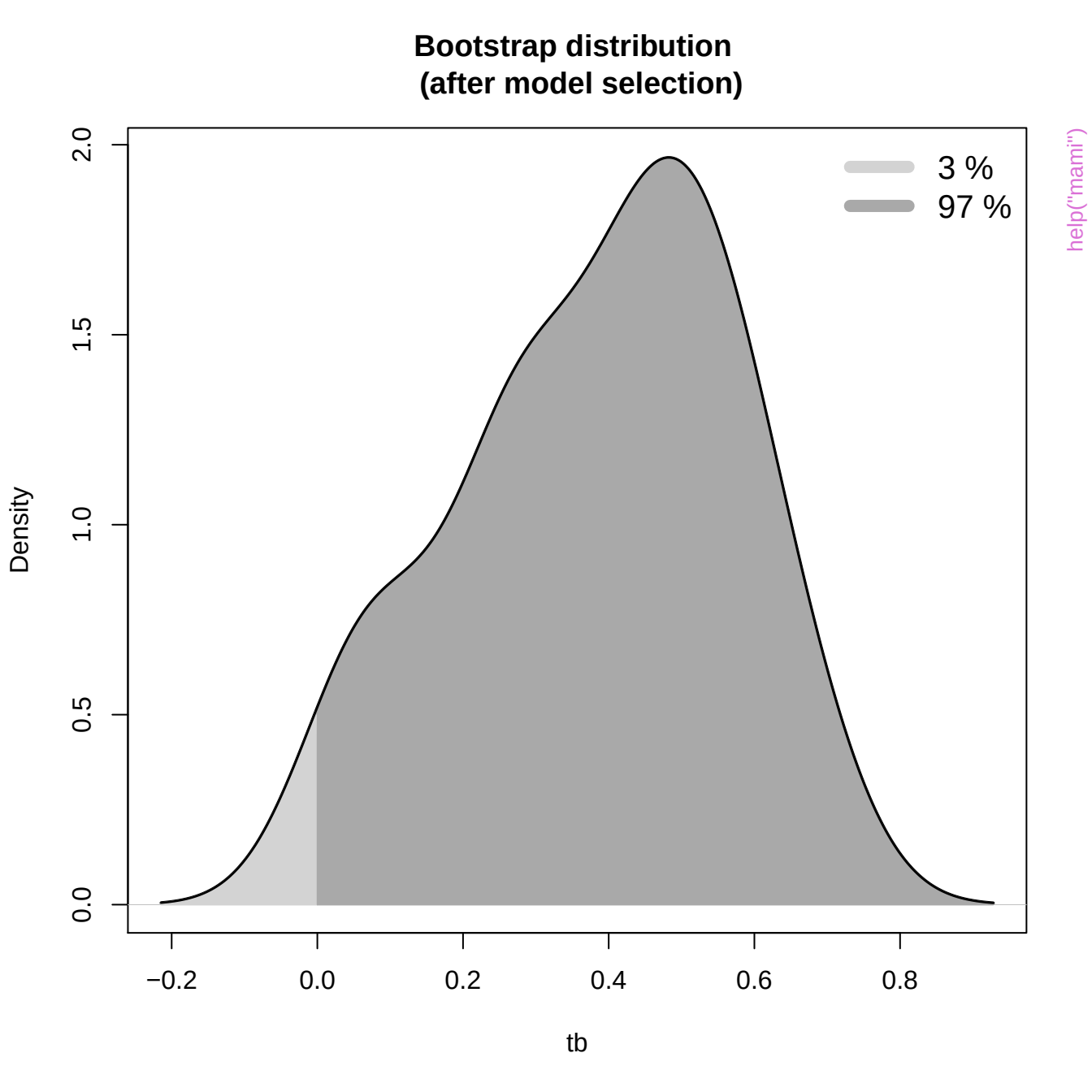

Bootstrap distribution
(after model selection)
89 %
11 %
Density
0.0
0.5
1.0
1.5
2.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
as.factor(period)2004
help("mami")

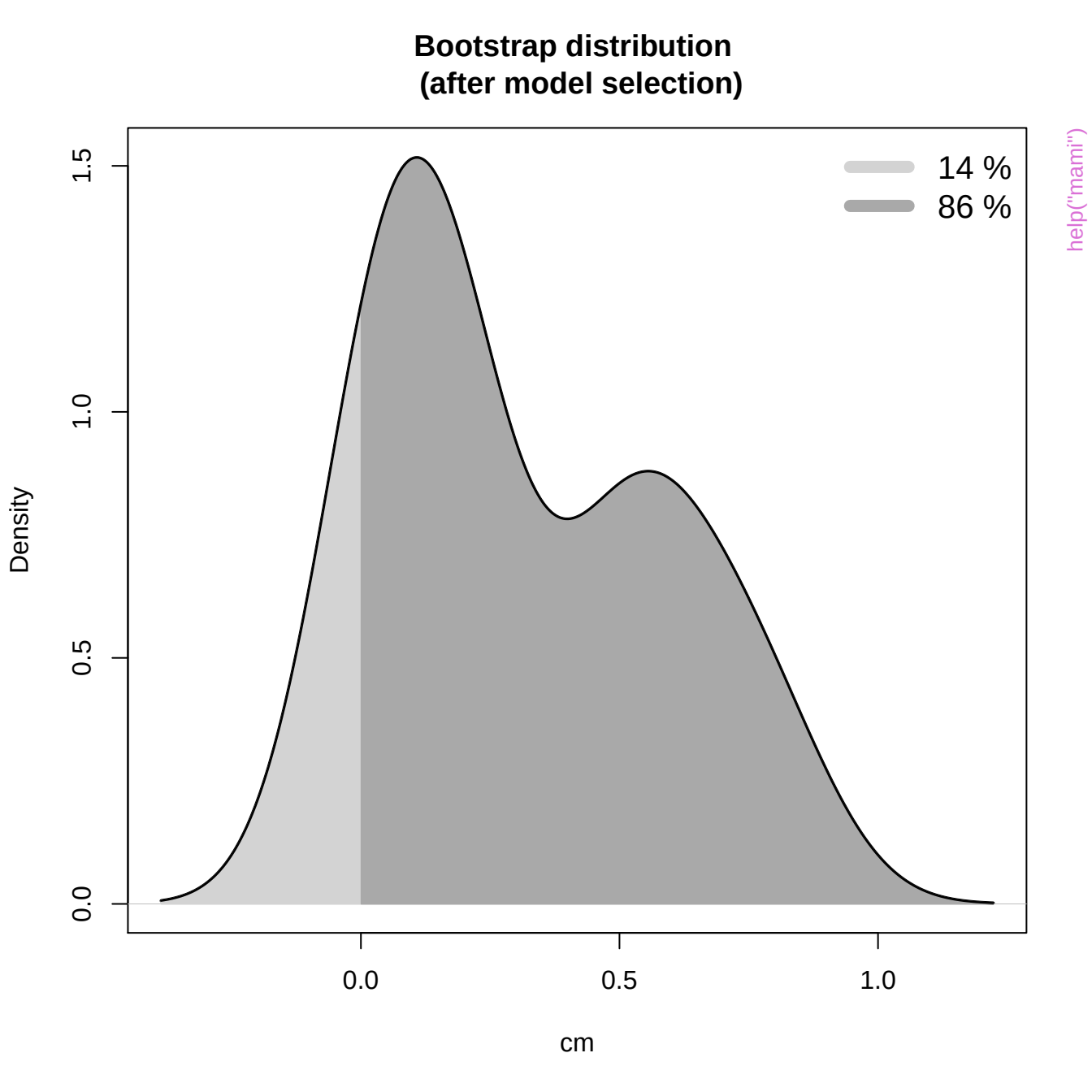

Bootstrap distribution
(after model selection)
76 %
24 %
Density
0.0
0.5
1.0
1.5
2.0
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
0.2
0.4
as.factor(period)2007
help("mami")

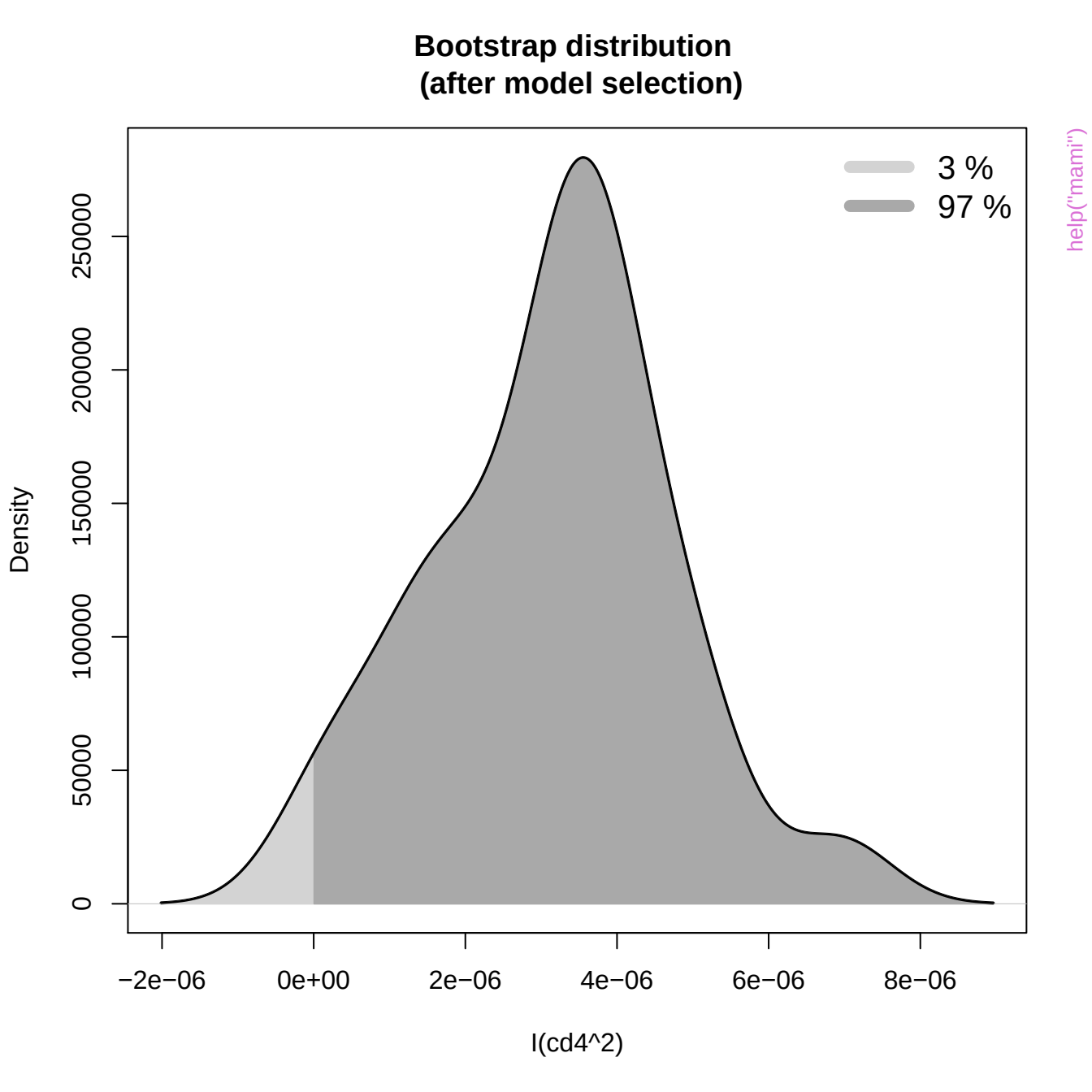

Bootstrap distribution
(after model selection)
99 %
1 %
help("mami")
Density
0
5
10
15
−0.20
−0.15
−0.10
−0.05
0.00
haem

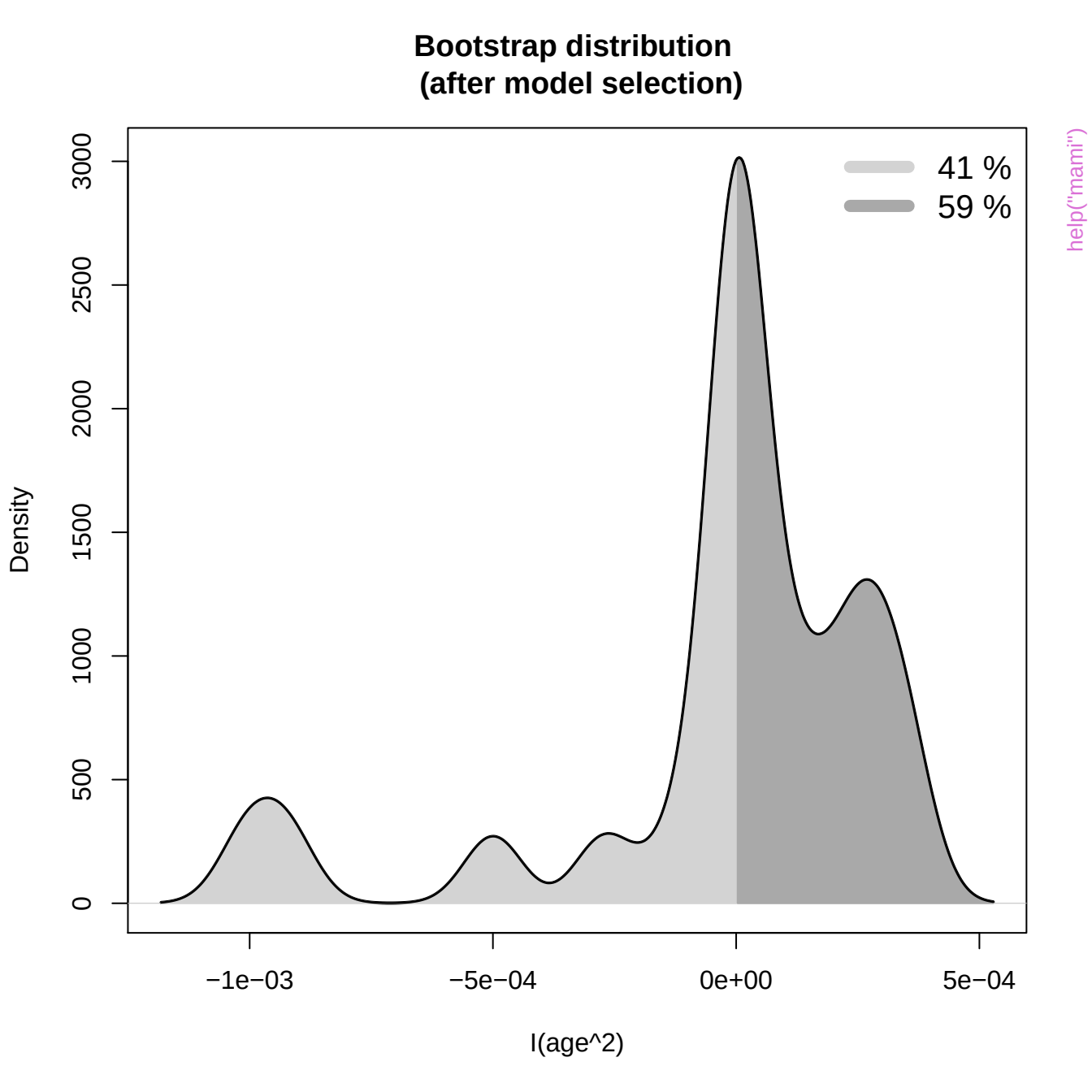

Bootstrap distribution
(after model selection)
16 %
84 %
Density
0.0
0.5
1.0
1.5
2.0
2.5
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
as.factor(stage)3
help("mami")

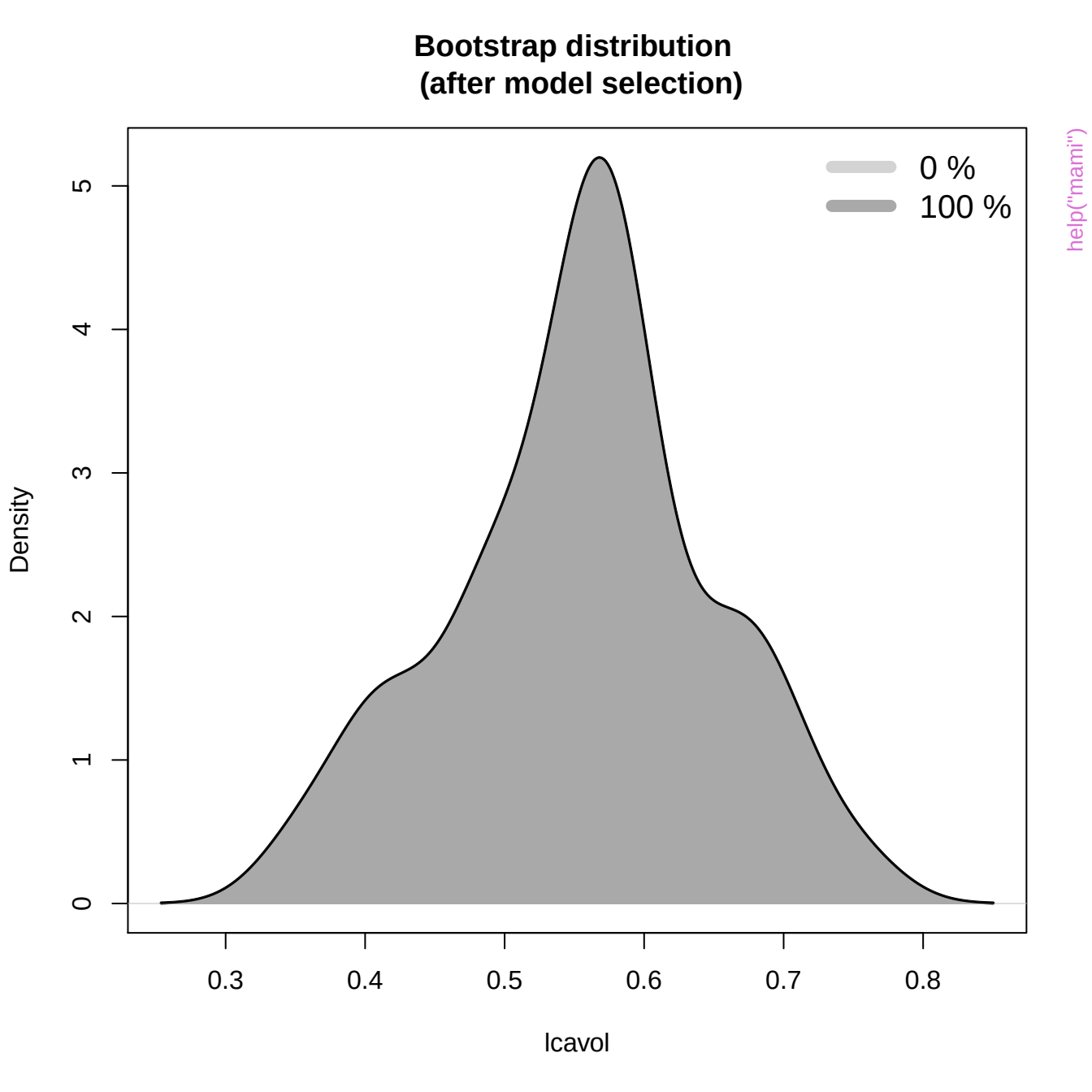

Bootstrap distribution
(after model selection)
0 %
100 %
Density
0.0
0.5
1.0
1.5
2.0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
as.factor(stage)4
help("mami")

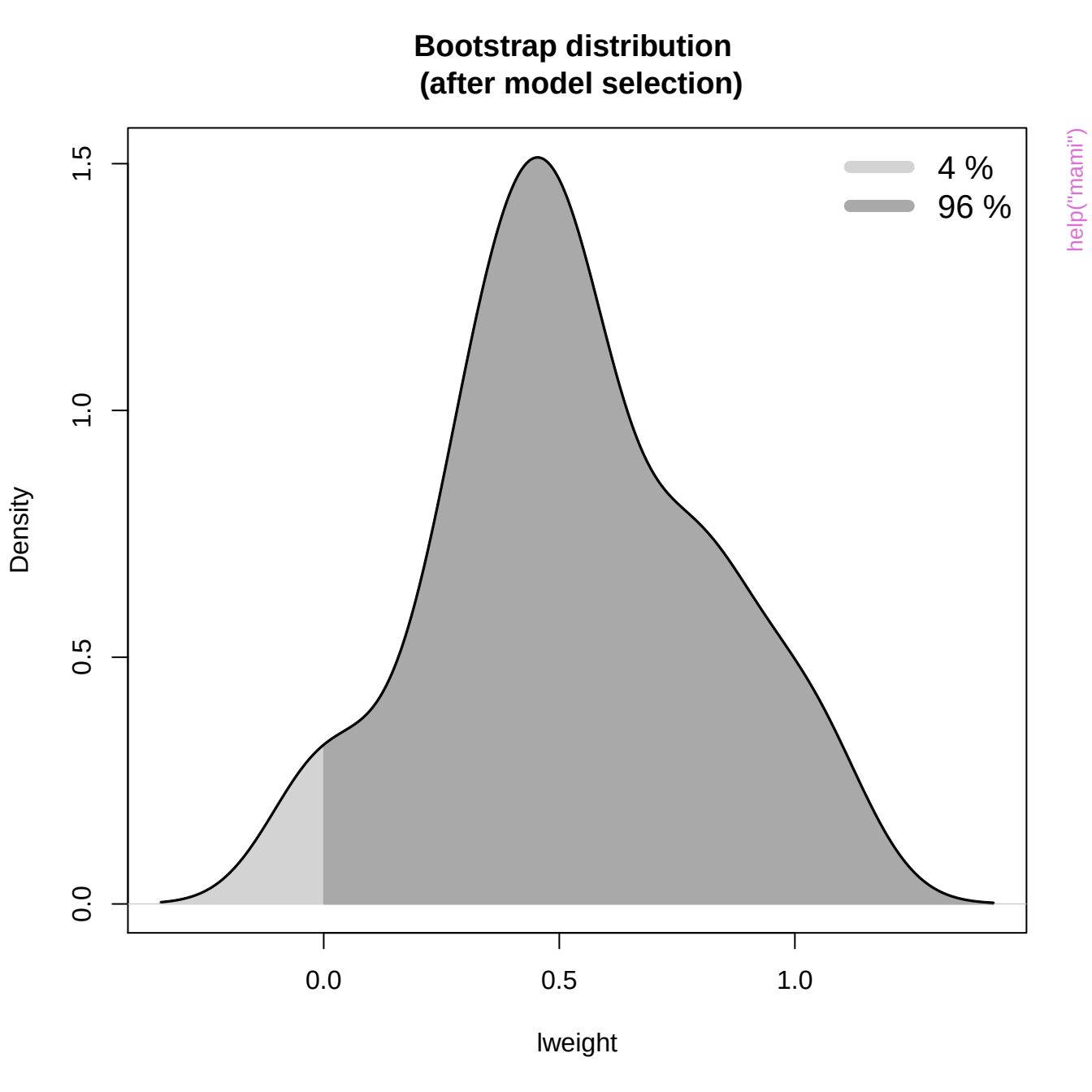

Bootstrap distribution
(after model selection)
3 %
97 %
Density
0.0
0.5
1.0
1.5
2.0
−0.2
0.0
0.2
0.4
0.6
0.8
tb
help("mami")

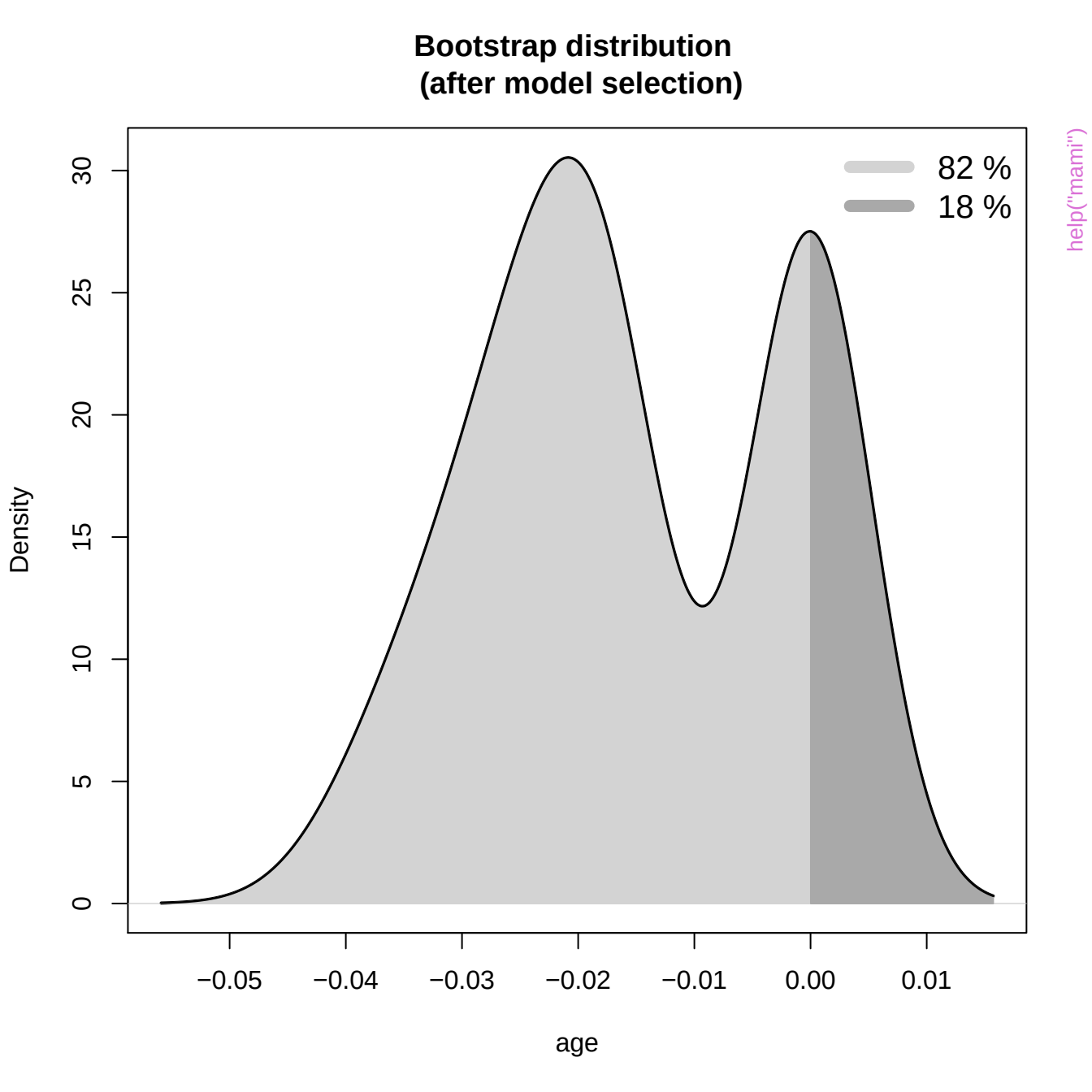

Bootstrap distribution
(after model selection)
14 %
86 %
Density
0.0
0.5
1.0
1.5
0.0
0.5
1.0
cm
help("mami")

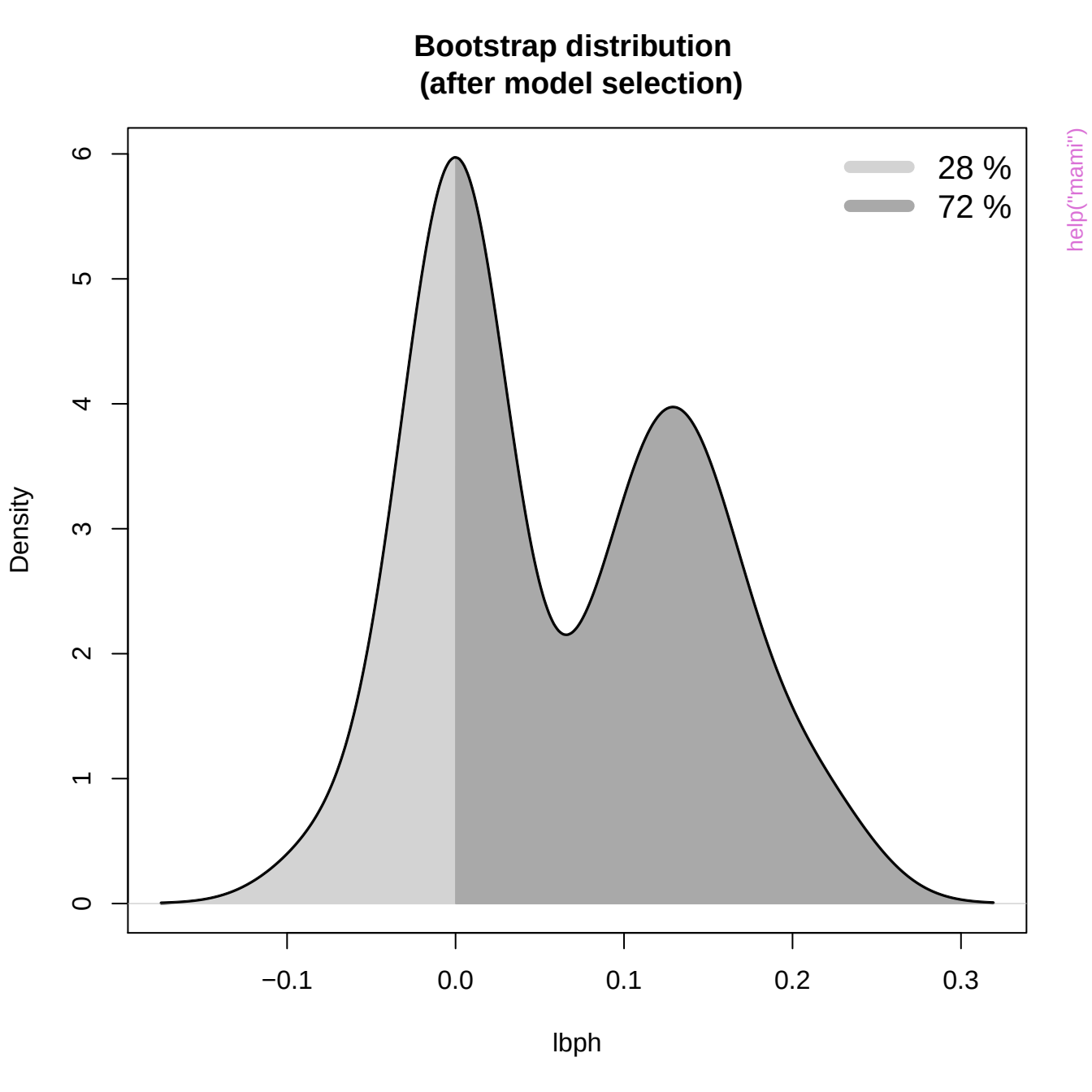

Bootstrap distribution
(after model selection)
3 %
97 %
Density
0
50000
100000
150000
200000
250000
−2e−06
0e+00
2e−06
4e−06
6e−06
8e−06
I(cd4^2)
help("mami")

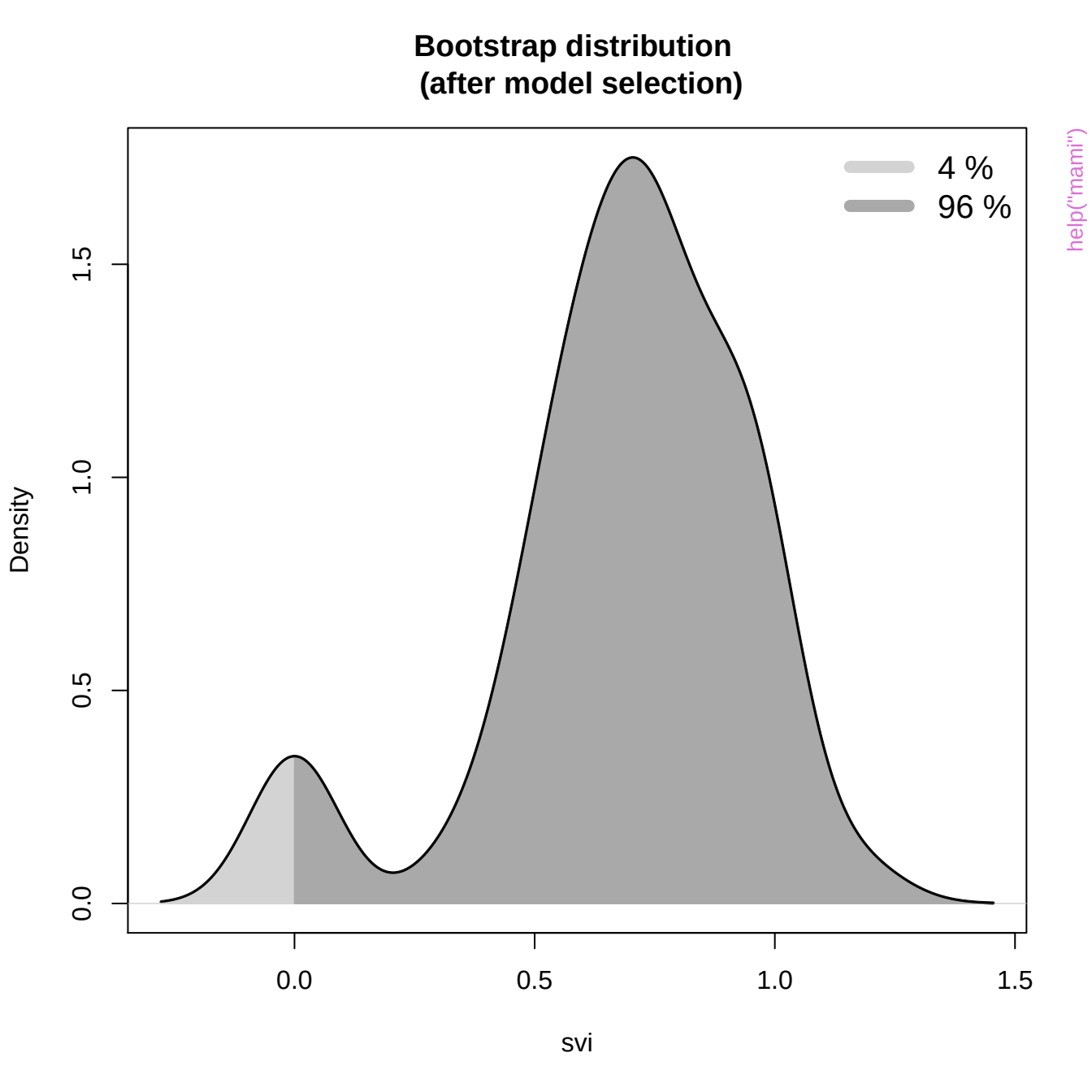

Bootstrap distribution
(after model selection)
41 %
59 %
help("mami")
Density
0
500
1000
1500
2000
2500
3000
−1e−03
−5e−04
0e+00
5e−04
I(age^2)

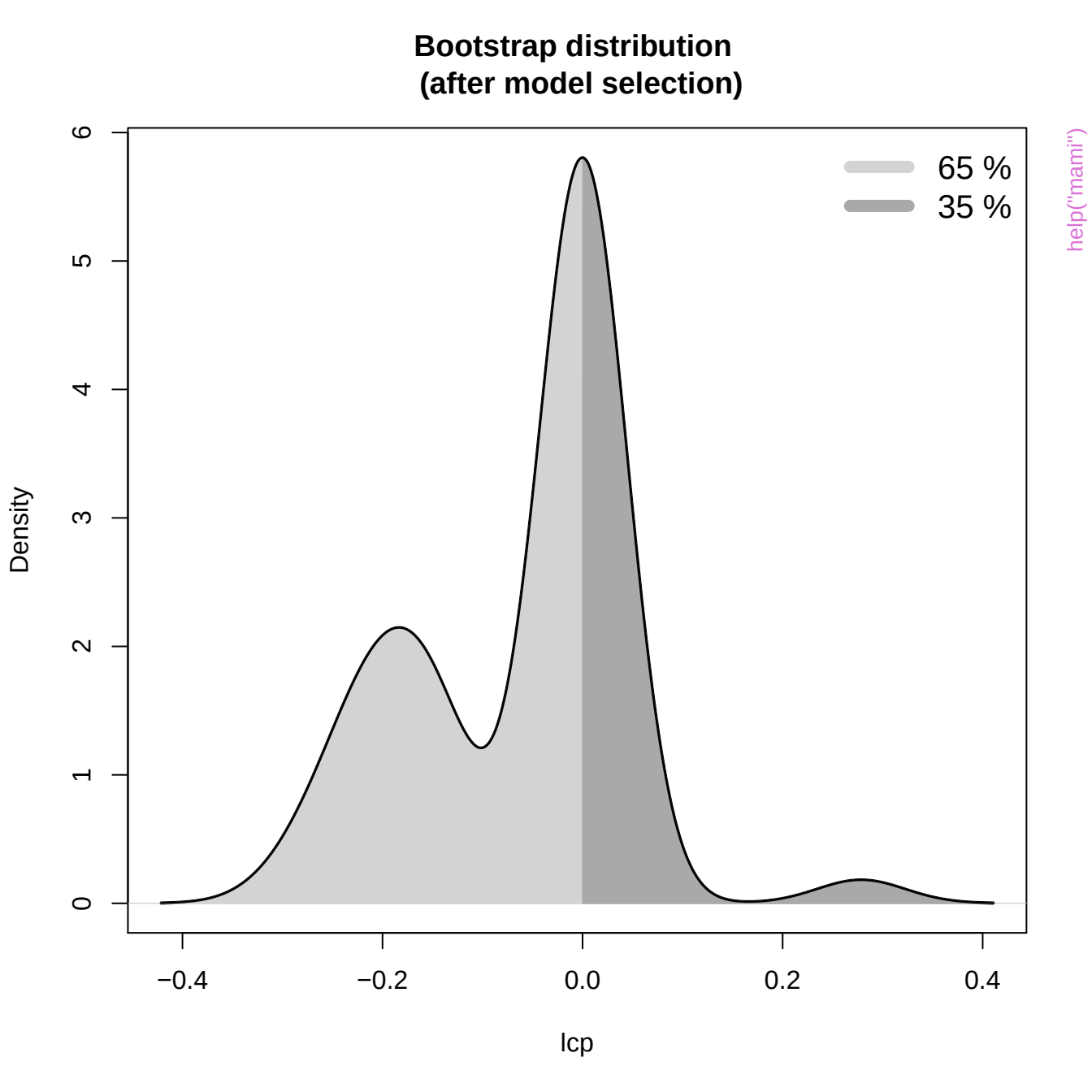

Bootstrap distribution
(after model selection)
0 %
100 %
Density
0
1
2
3
4
5
0.3
0.4
0.5
0.6
0.7
0.8
lcavol
help("mami")

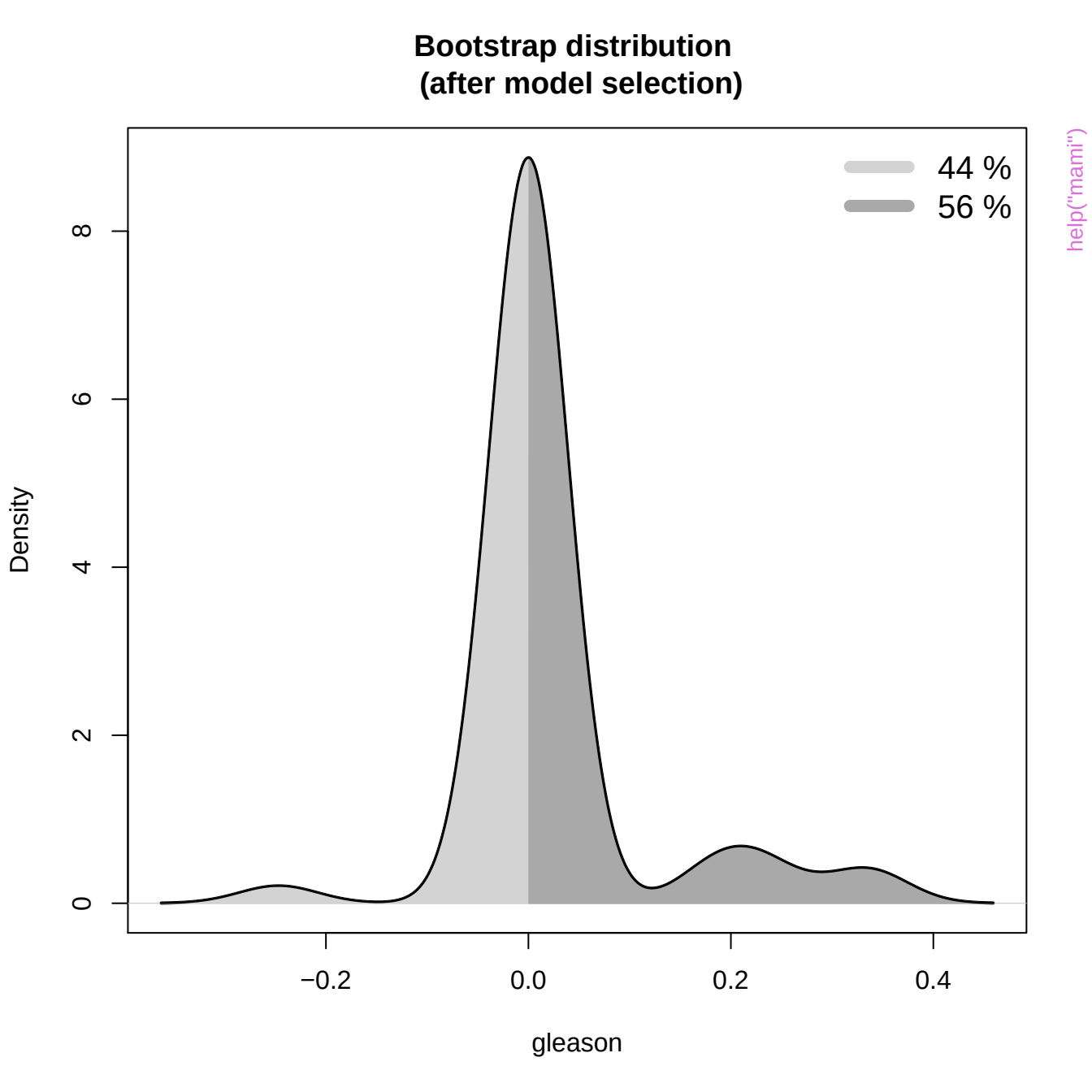

Bootstrap distribution
(after model selection)
4 %
96 %
Density
0.0
0.5
1.0
1.5
0.0
0.5
1.0
lweight
help("mami")

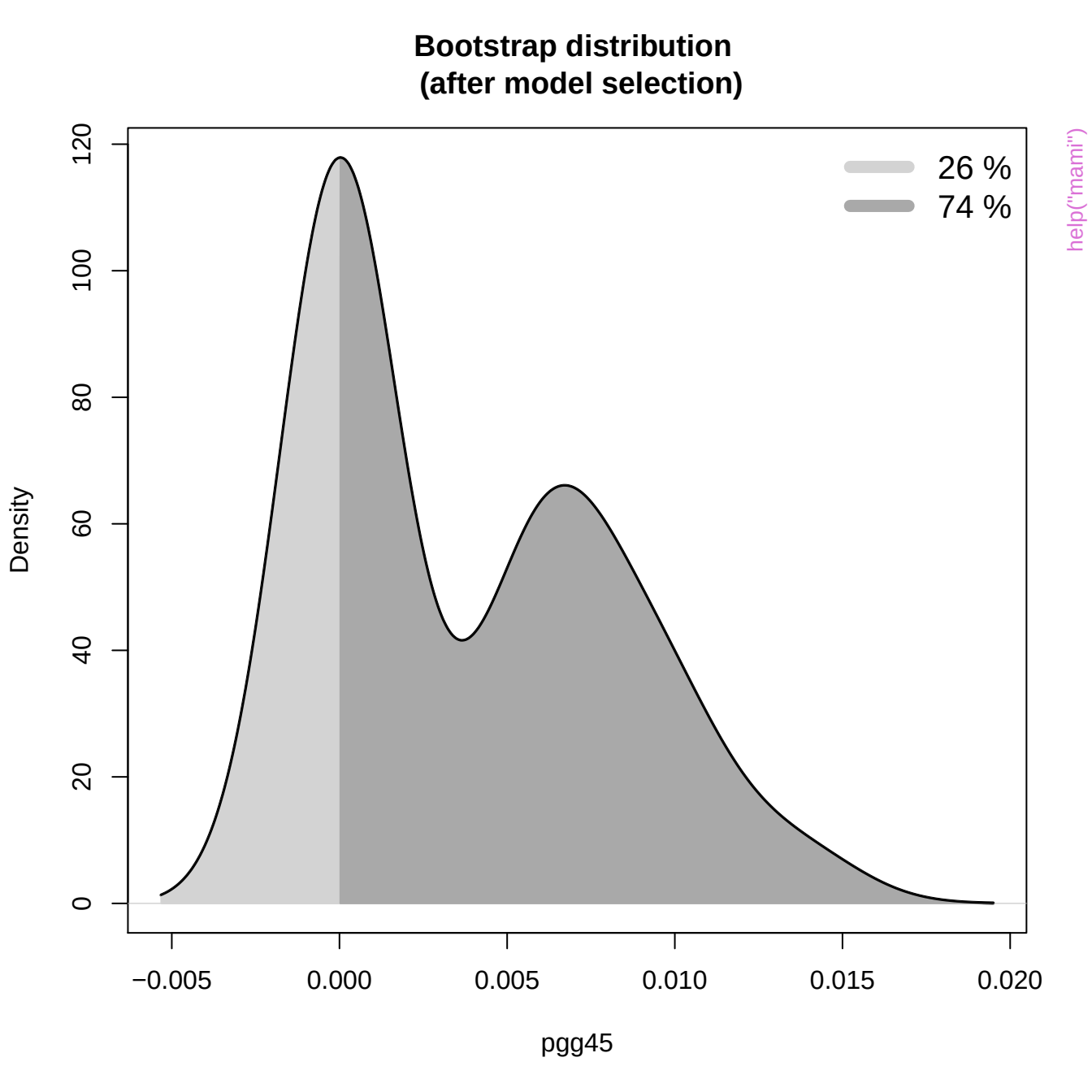

Bootstrap distribution
(after model selection)
82 %
18 %
Density
0
5
10
15
20
25
30
−0.05
−0.04
−0.03
−0.02
−0.01
0.00
0.01
age
help("mami")

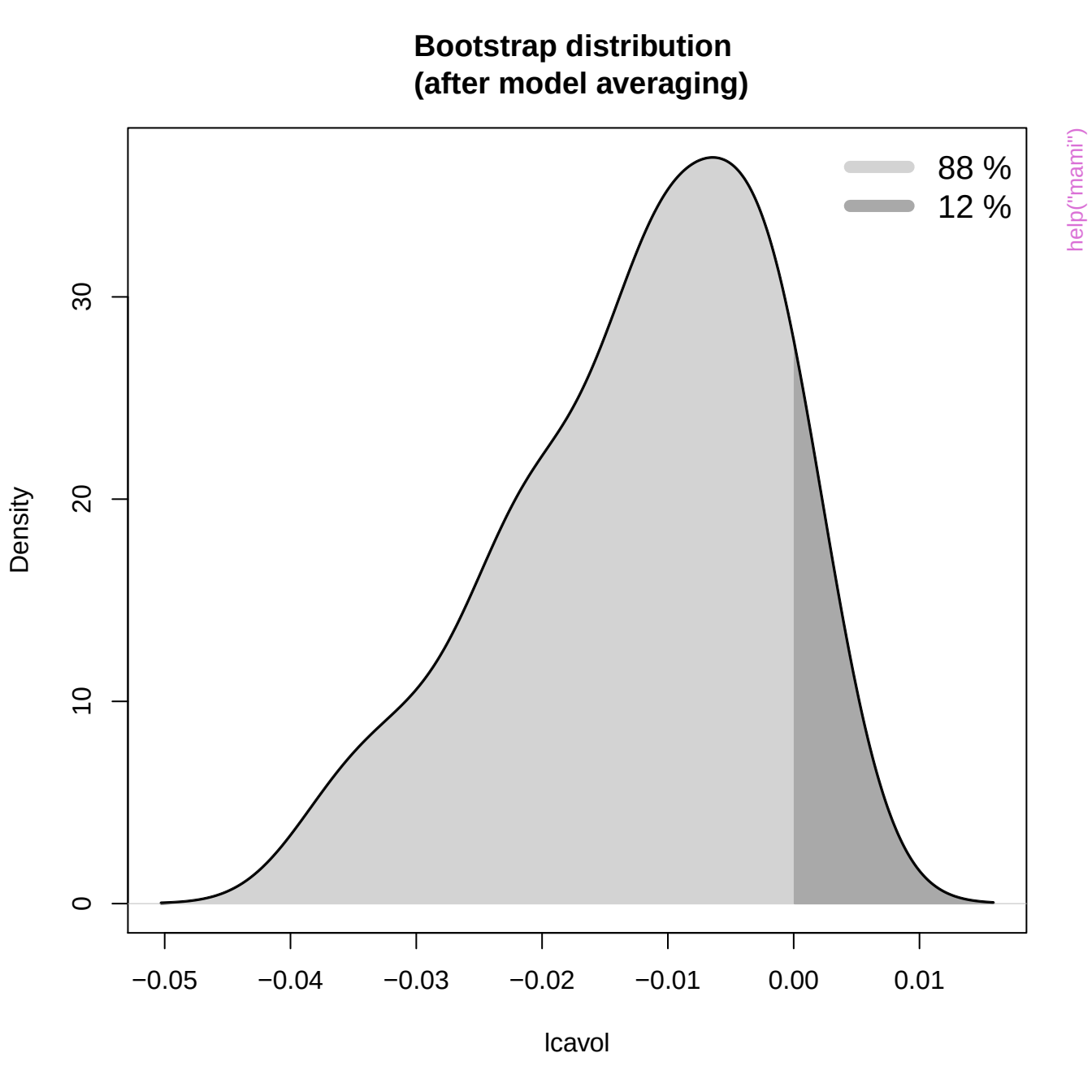

Bootstrap distribution
(after model selection)
28 %
72 %
Density
0
1
2
3
4
5
6
−0.1
0.0
0.1
0.2
0.3
lbph
help("mami")

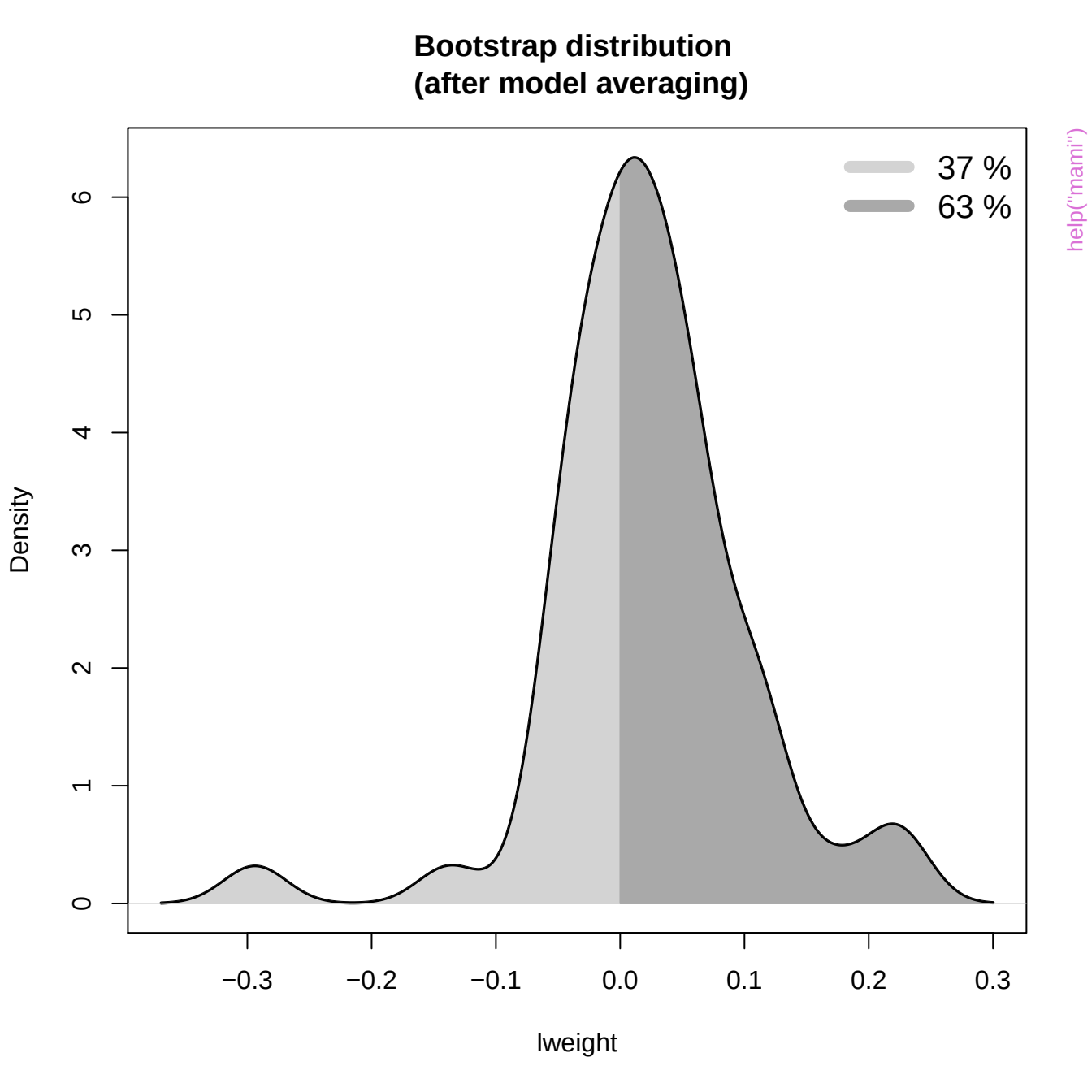

Bootstrap distribution
(after model selection)
4 %
96 %
Density
0.0
0.5
1.0
1.5
0.0
0.5
1.0
1.5
svi
help("mami")

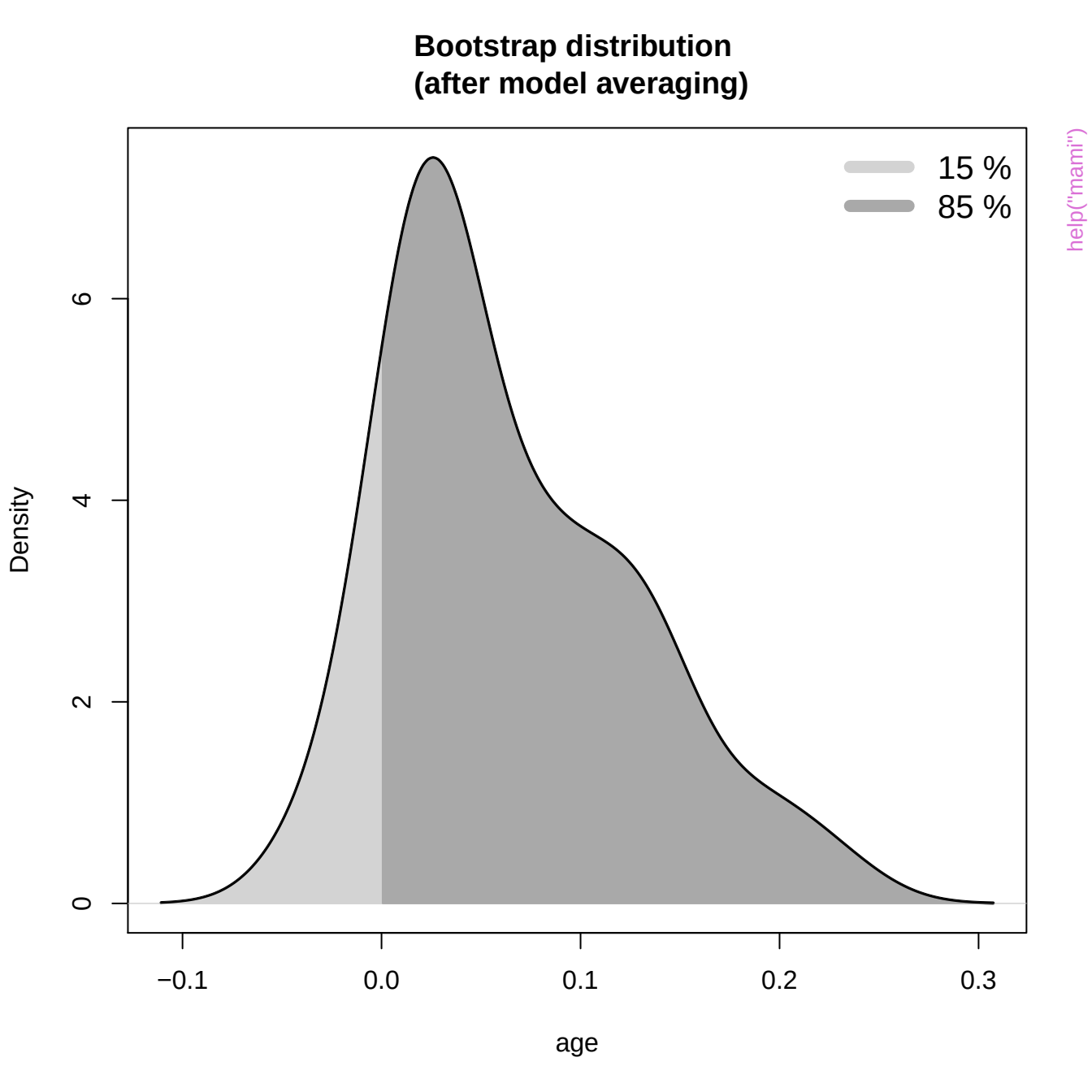

Bootstrap distribution
(after model selection)
65 %
35 %
Density
0
1
2
3
4
5
6
−0.4
−0.2
0.0
0.2
0.4
lcp
help("mami")

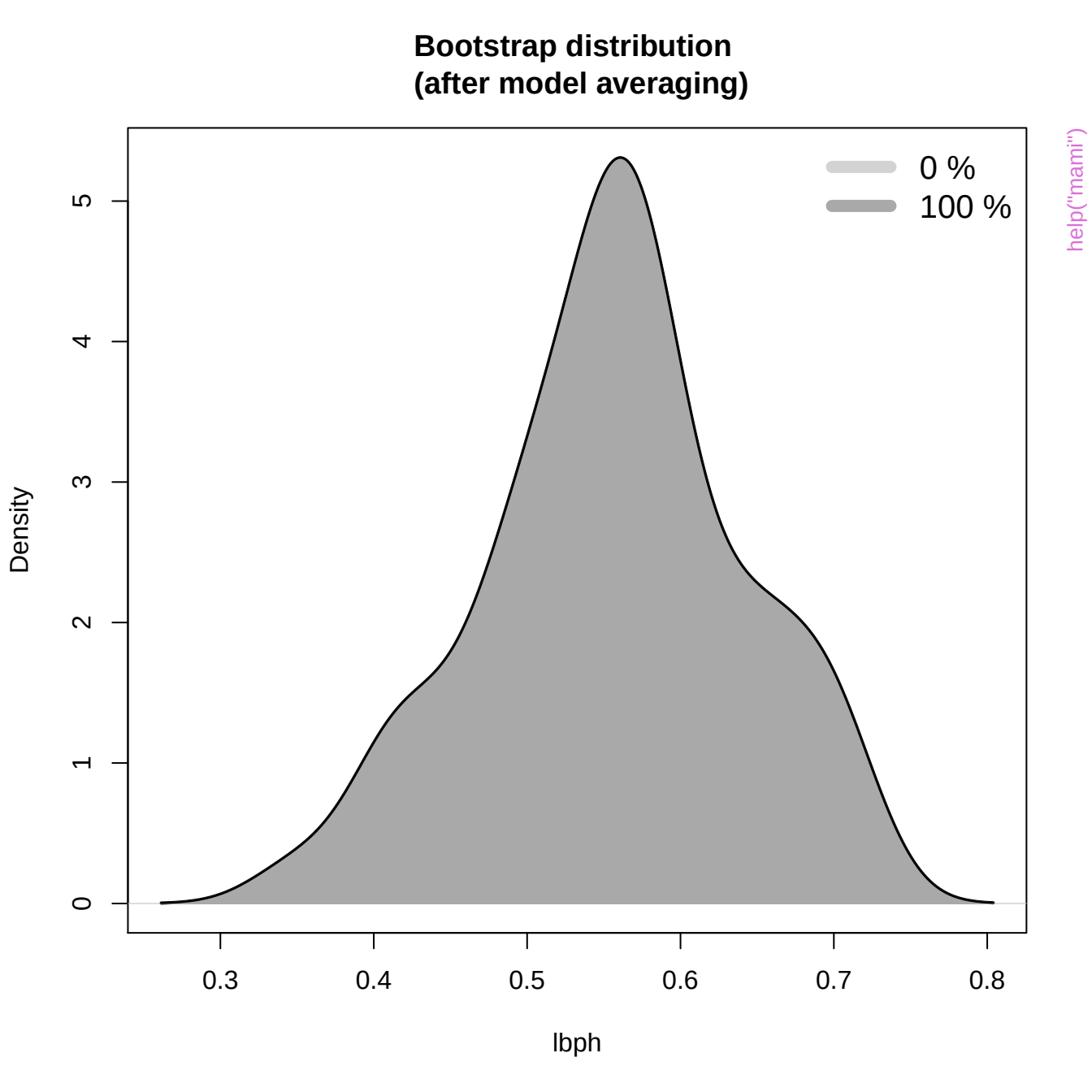

Bootstrap distribution
(after model selection)
44 %
56 %
Density
0
2
4
6
8
−0.2
0.0
0.2
0.4
gleason
help("mami")

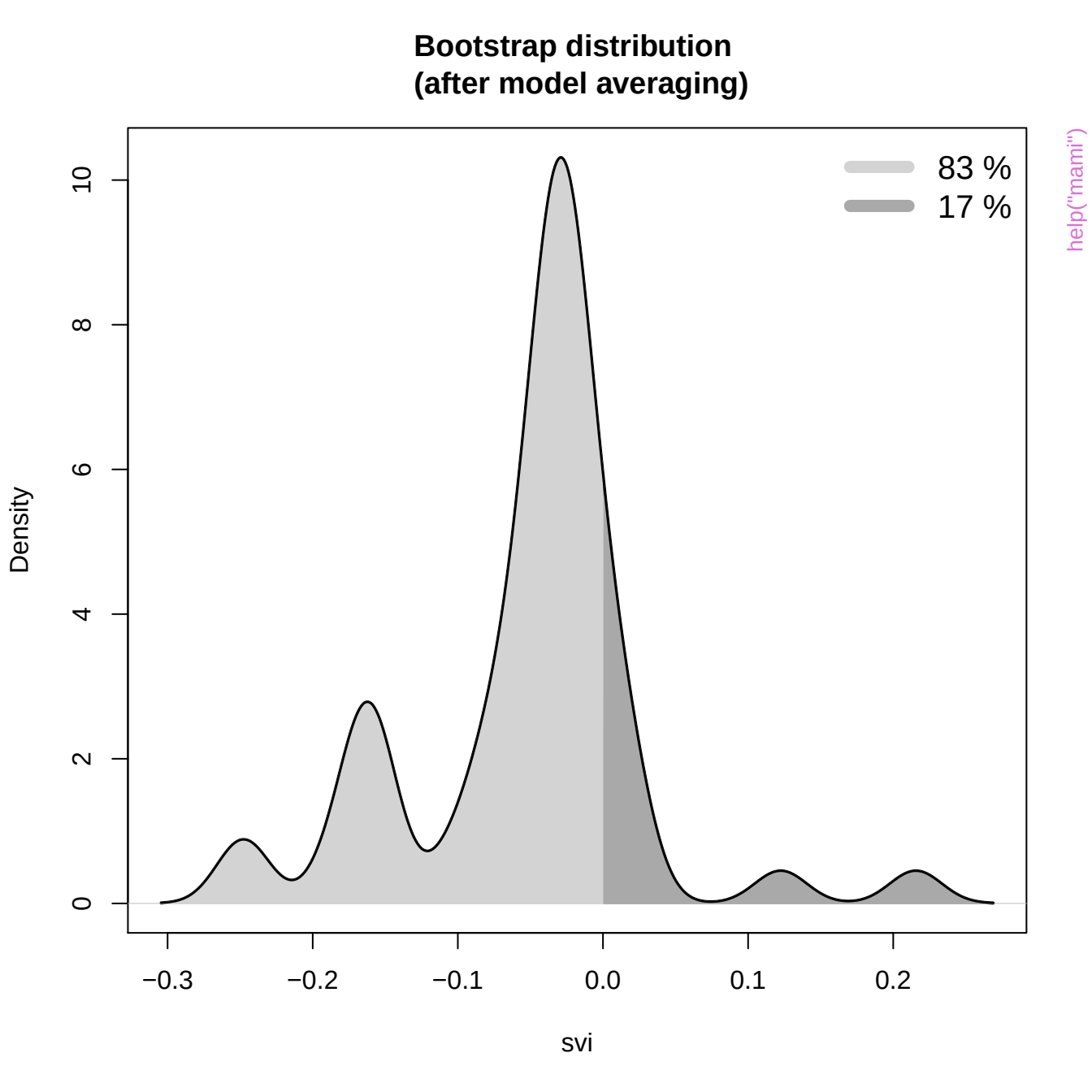

Bootstrap distribution
(after model selection)
26 %
74 %
Density
0
20
40
60
80
100
120
−0.005
0.000
0.005
0.010
0.015
0.020
pgg45
help("mami")

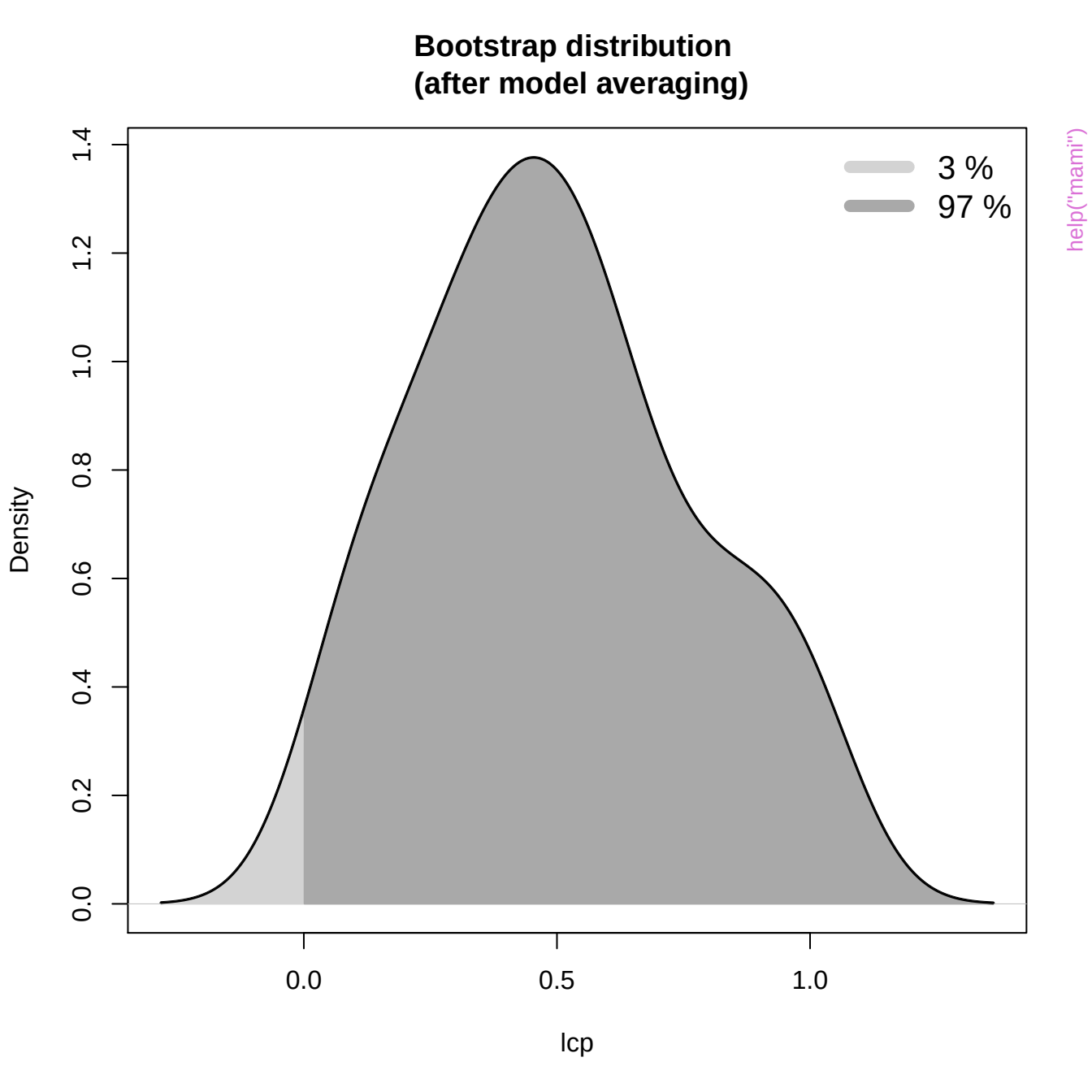

Bootstrap distribution
(after model averaging)
88 %
12 %
help("mami")
Density
0
10
20
30
−0.05
−0.04
−0.03
−0.02
−0.01
0.00
0.01
lcavol

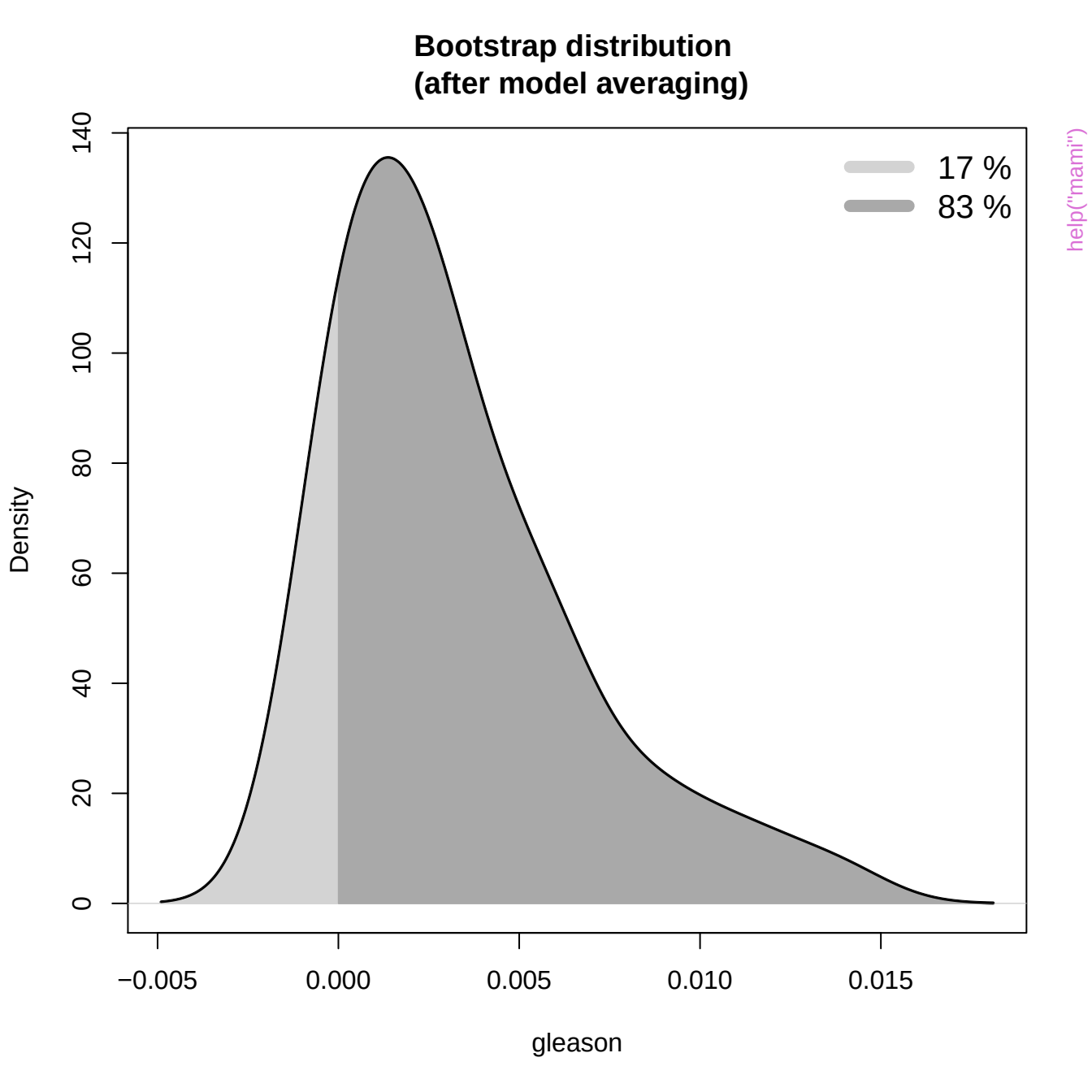

Bootstrap distribution
(after model averaging)
37 %
63 %
help("mami")
Density
0
1
2
3
4
5
6
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
lweight

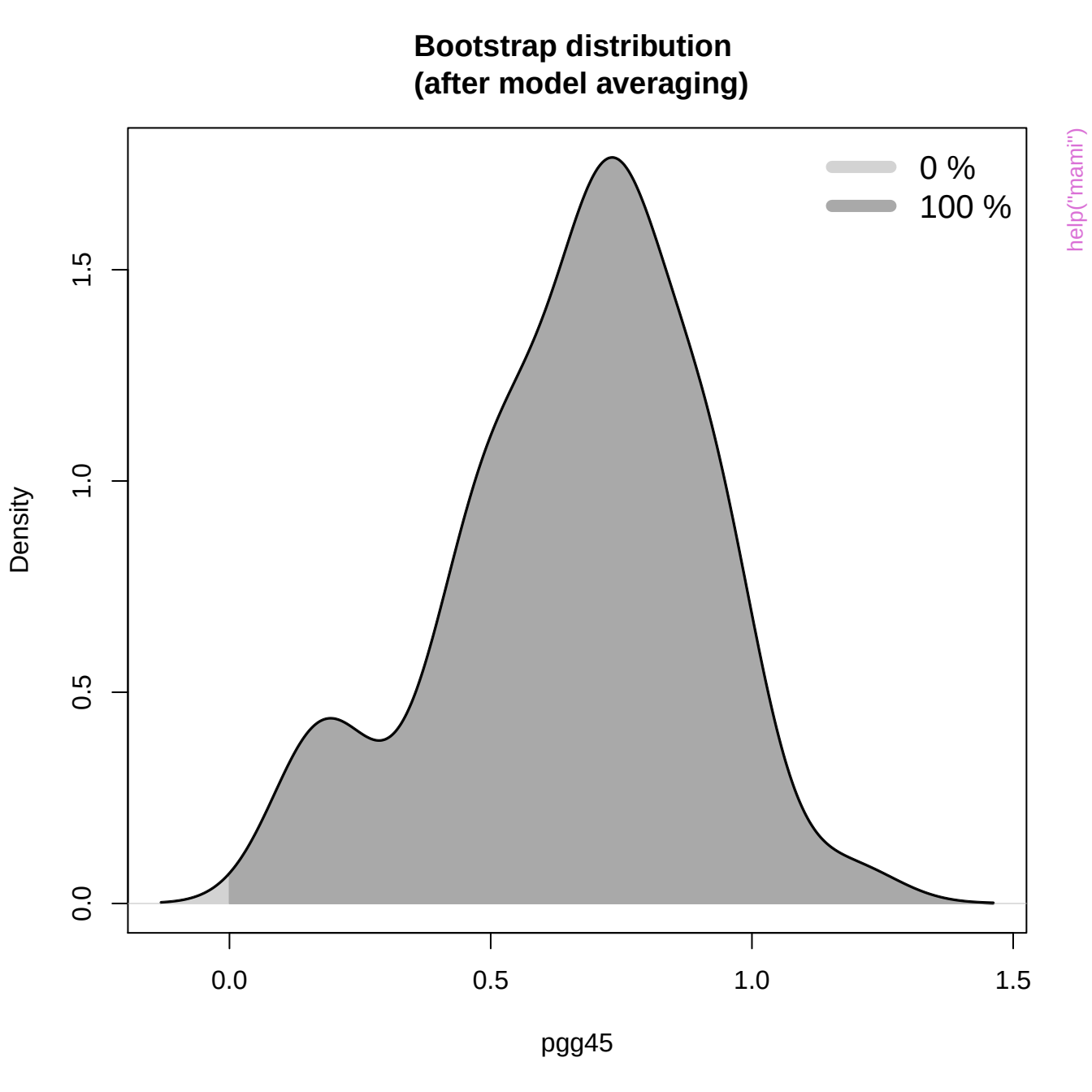

Bootstrap distribution
(after model averaging)
15 %
85 %
help("mami")
Density
0
2
4
6
−0.1
0.0
0.1
0.2
0.3
age

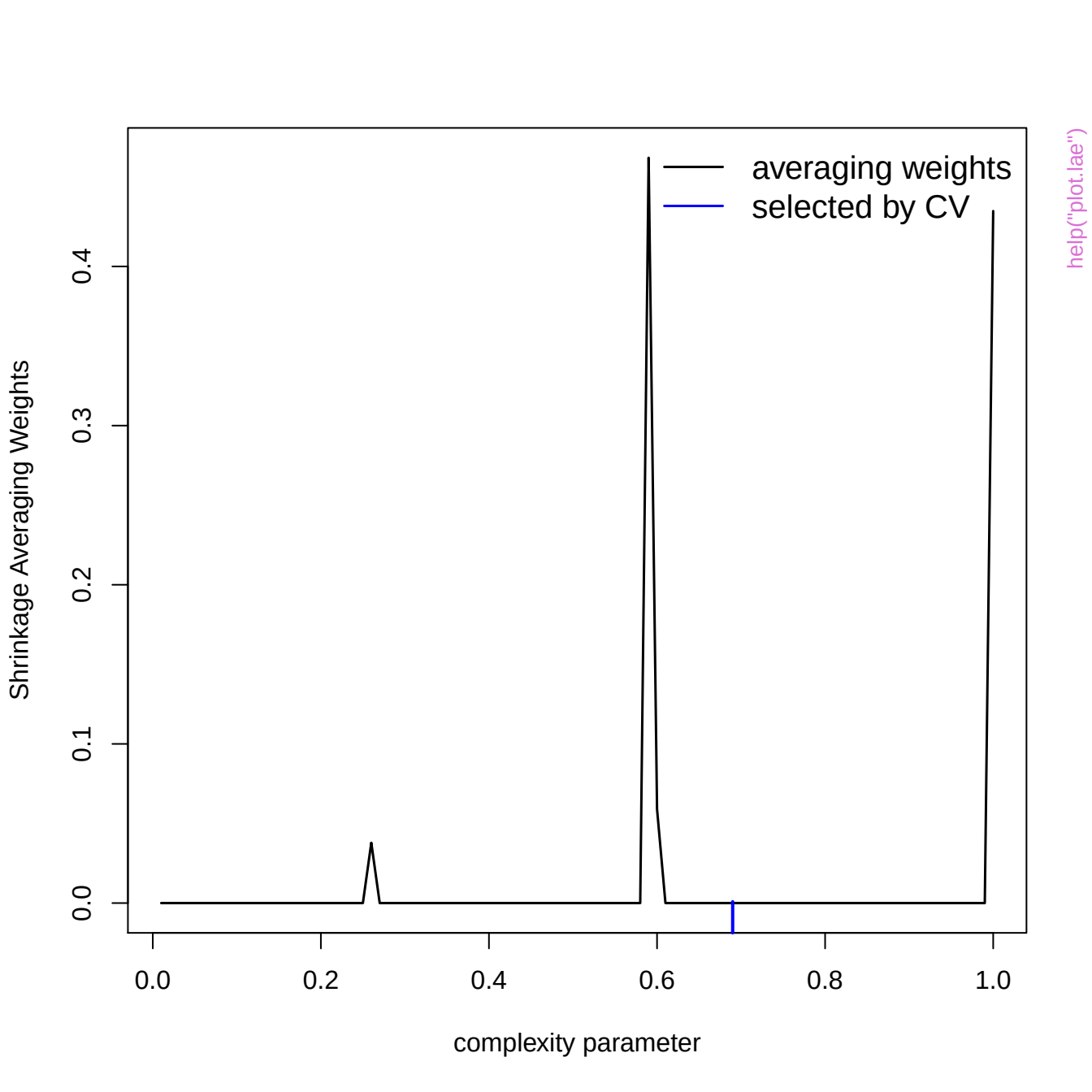

Bootstrap distribution
(after model averaging)
0 %
100 %
Density
0
1
2
3
4
5
0.3
0.4
0.5
0.6
0.7
0.8
lbph
help("mami")

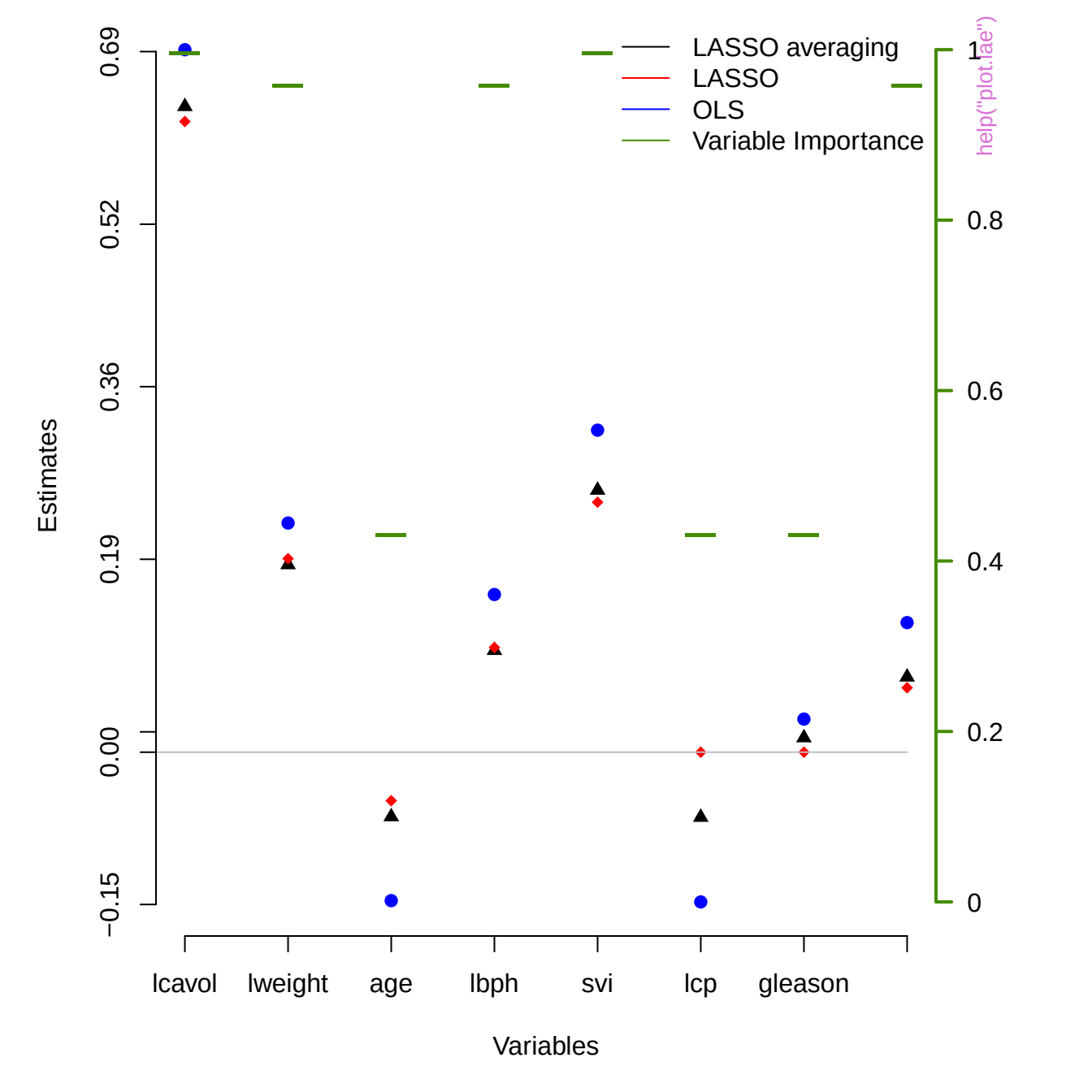

Bootstrap distribution
(after model averaging)
83 %
17 %
help("mami")
Density
0
2
4
6
8
10
−0.3
−0.2
−0.1
0.0
0.1
0.2
svi

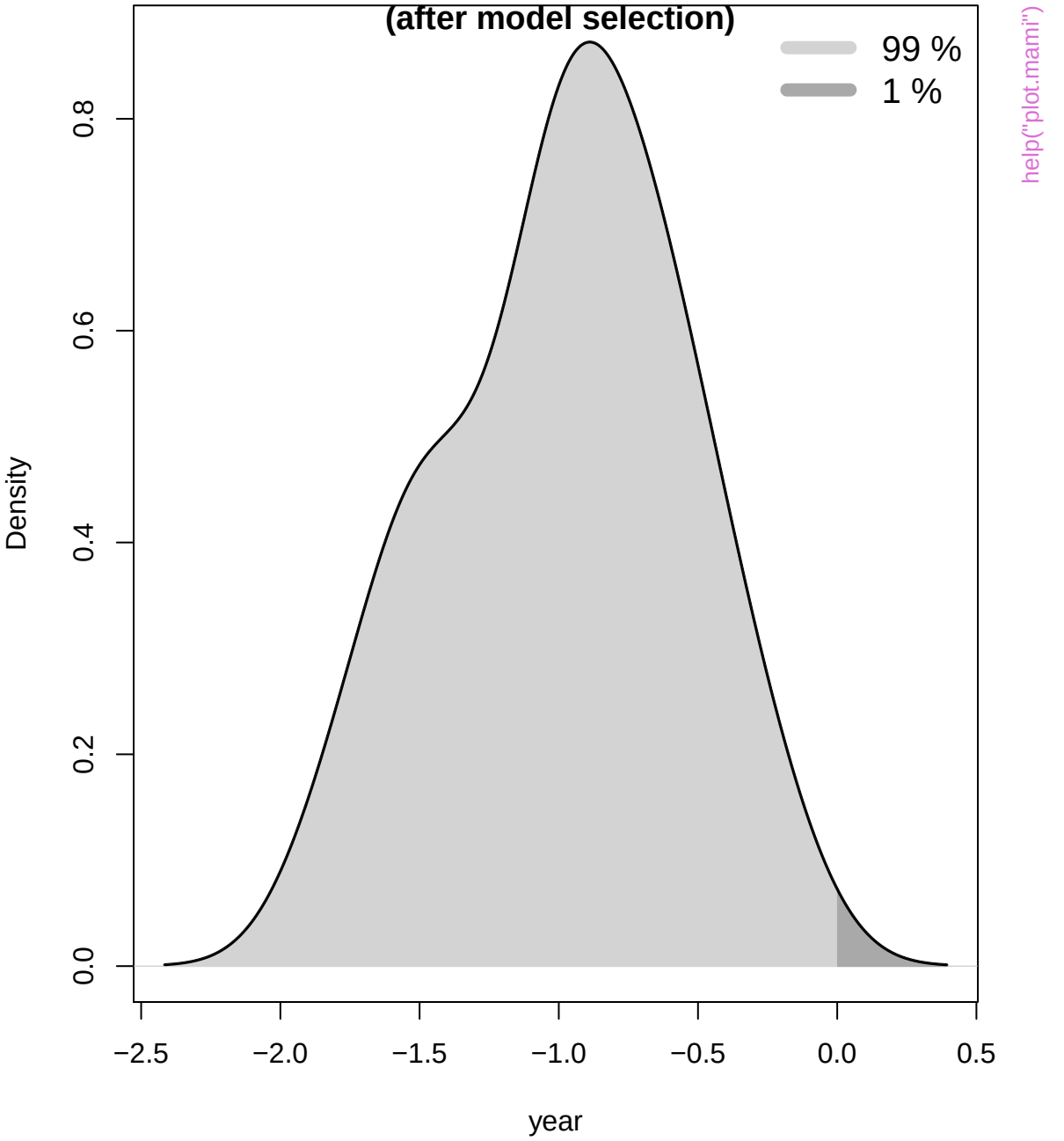

Bootstrap distribution
(after model averaging)
3 %
97 %
Density
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0.0
0.5
1.0
lcp
help("mami")

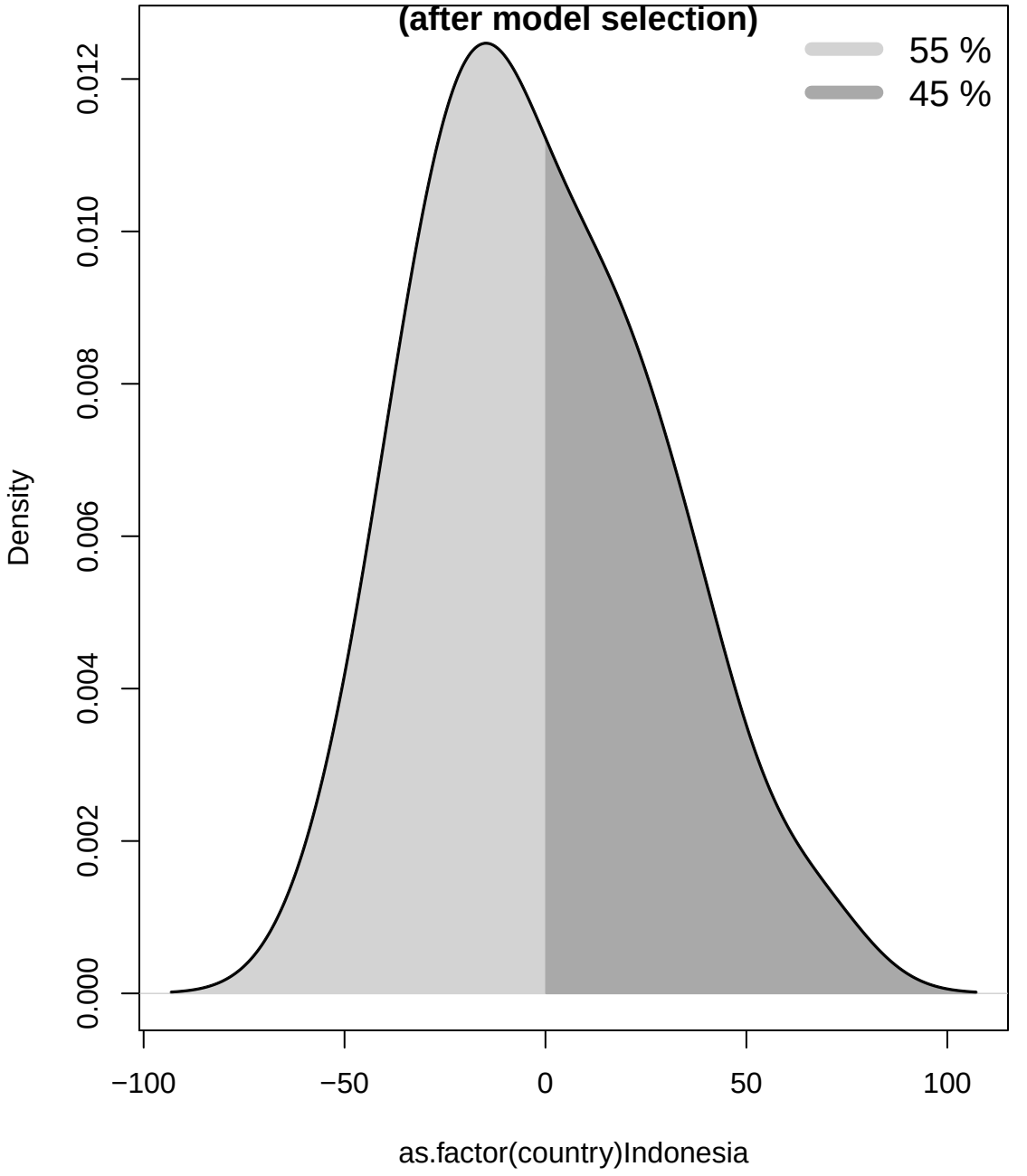

Bootstrap distribution
(after model averaging)
17 %
83 %
Density
0
20
40
60
80
100
120
140
−0.005
0.000
0.005
0.010
0.015
gleason
help("mami")


Bootstrap distribution
(after model averaging)
0 %
100 %
help("mami")
Density
0.0
0.5
1.0
1.5
0.0
0.5
1.0
1.5
pgg45

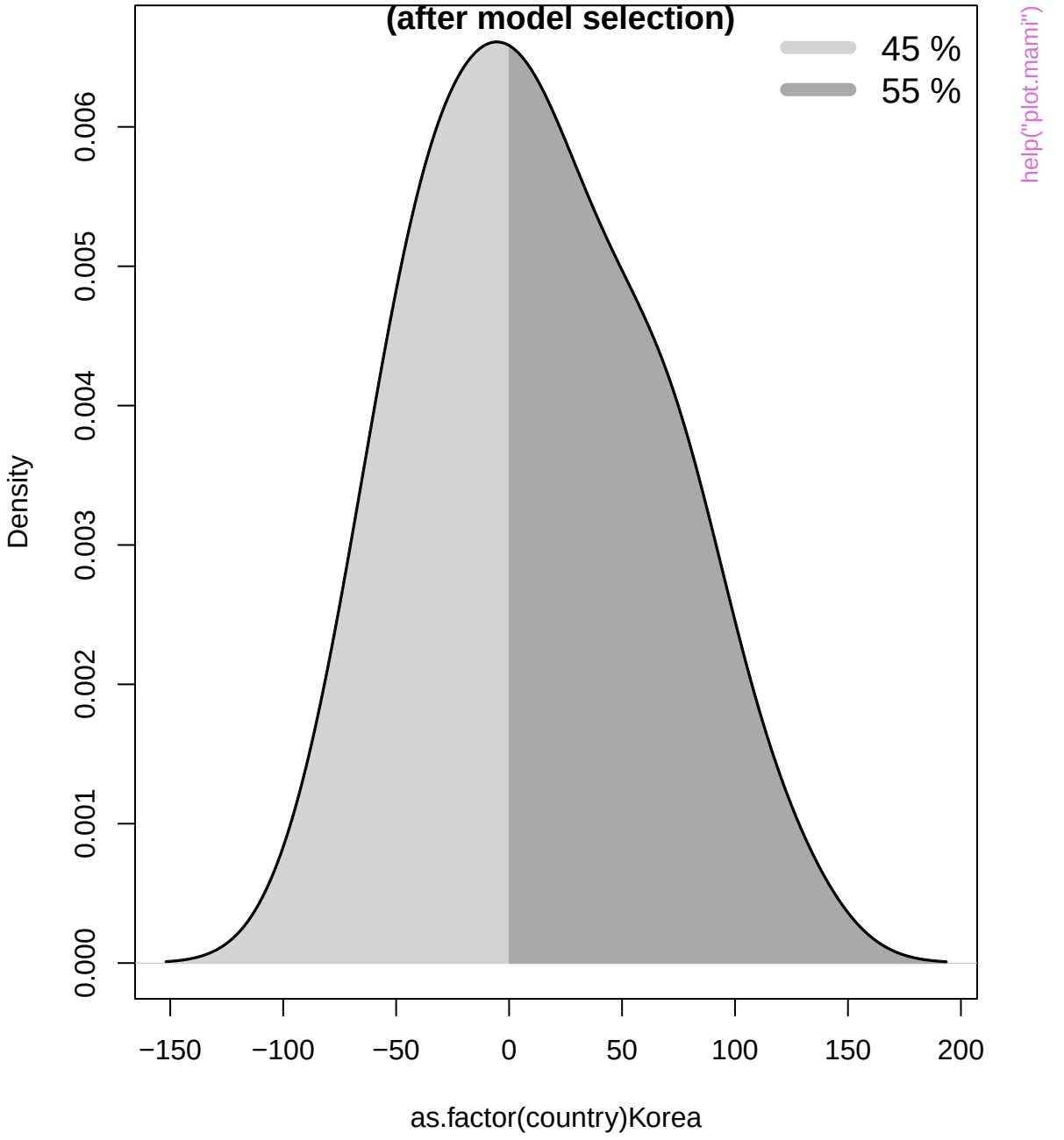

averaging weights
selected by CV
Shrinkage Averaging Weights
0.0
0.1
0.2
0.3
0.4
0.0
0.2
0.4
0.6
0.8
1.0
complexity parameter
help("plot.lae")

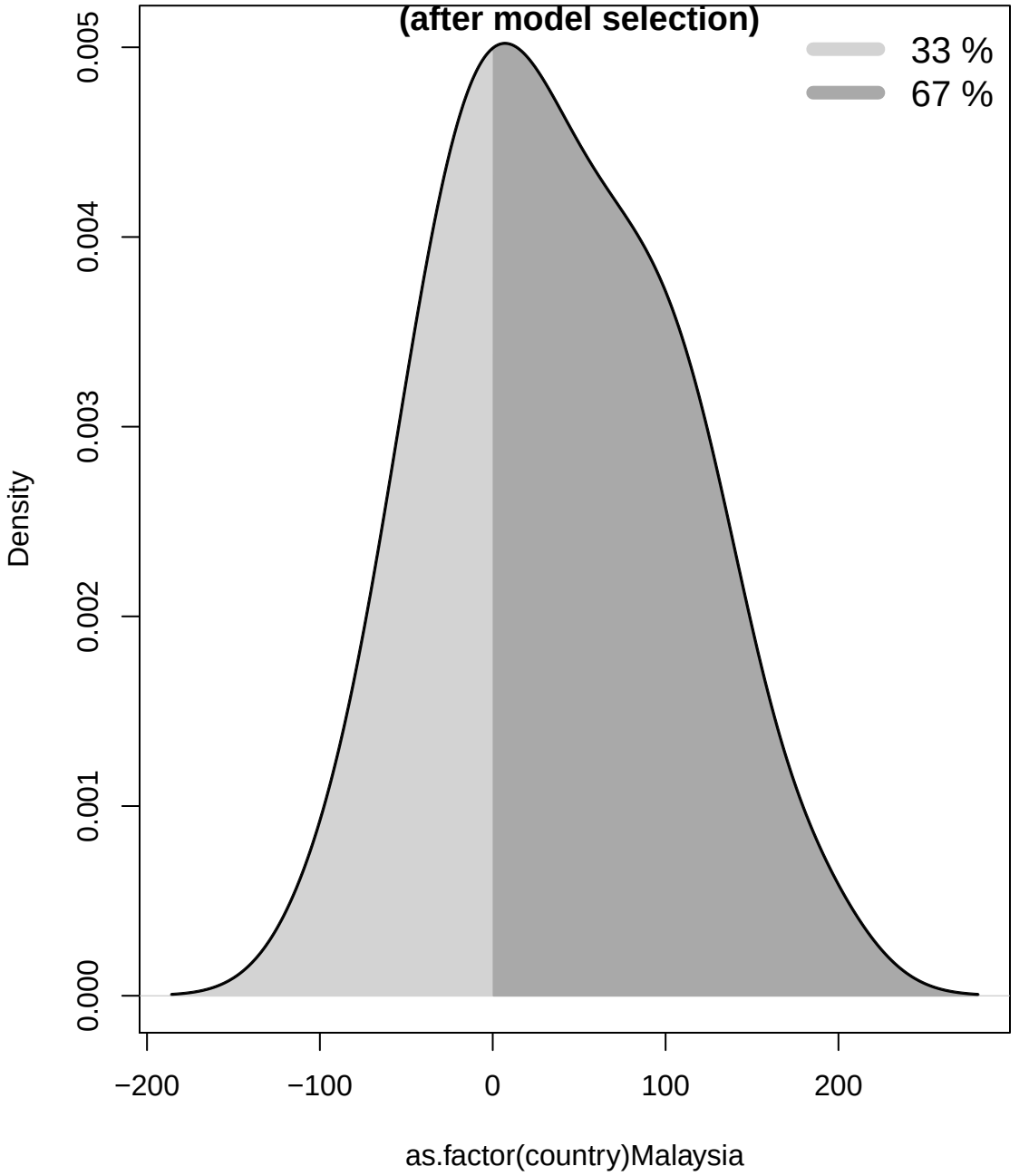

LASSO averaging
LASSO
OLS
Variable Importance
help("plot.lae")
Estimates
0.69
0.52
0.36
0.19
0.00
−0.15
1
0.8
0.6
0.4
0.2
0
lcavol
lweight
age
lbph
svi
lcp
gleason
Variables

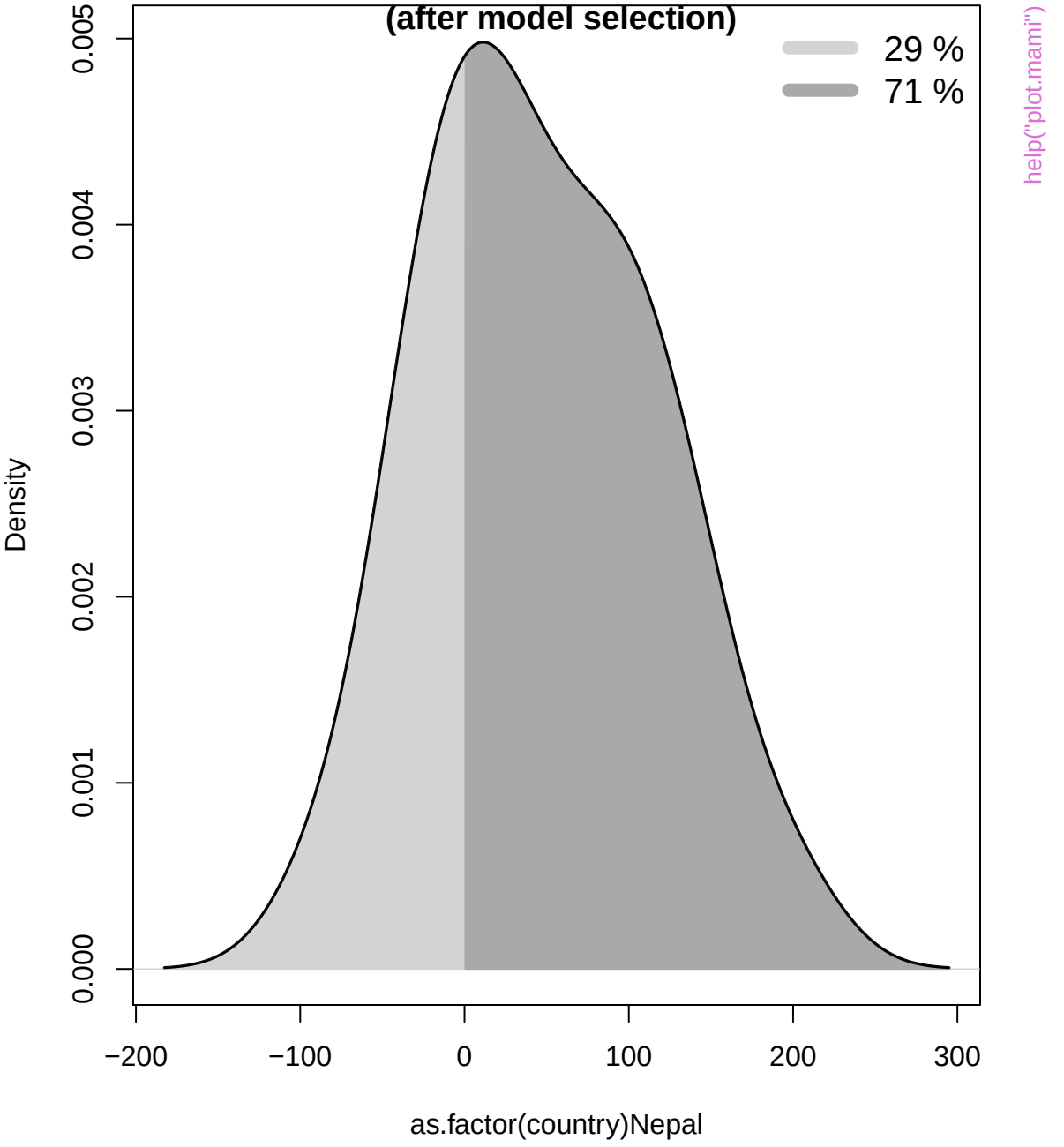

(after model selection)
99 %
1 %
help("plot.mami")
Density
0.0
0.2
0.4
0.6
0.8
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
year

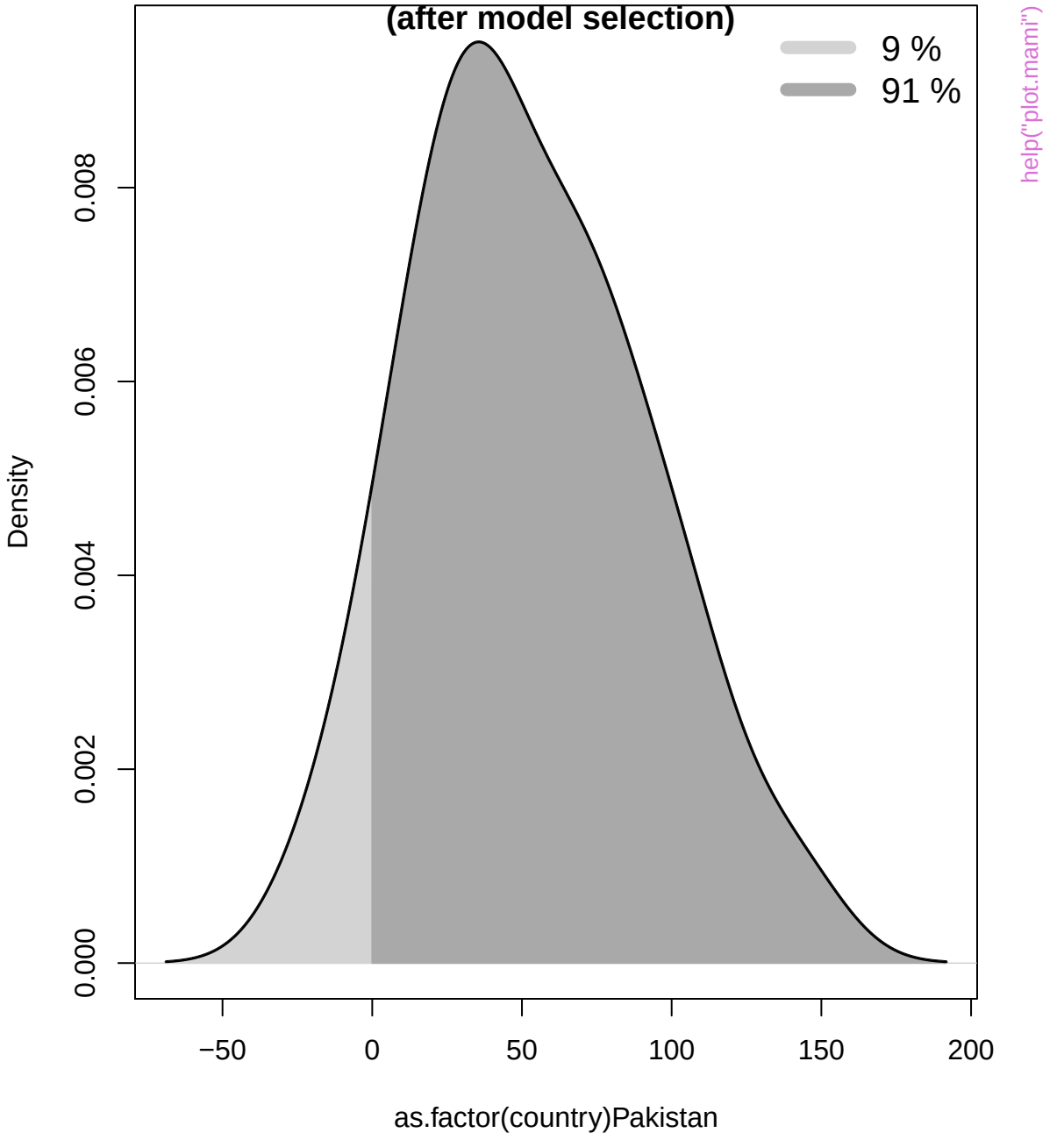


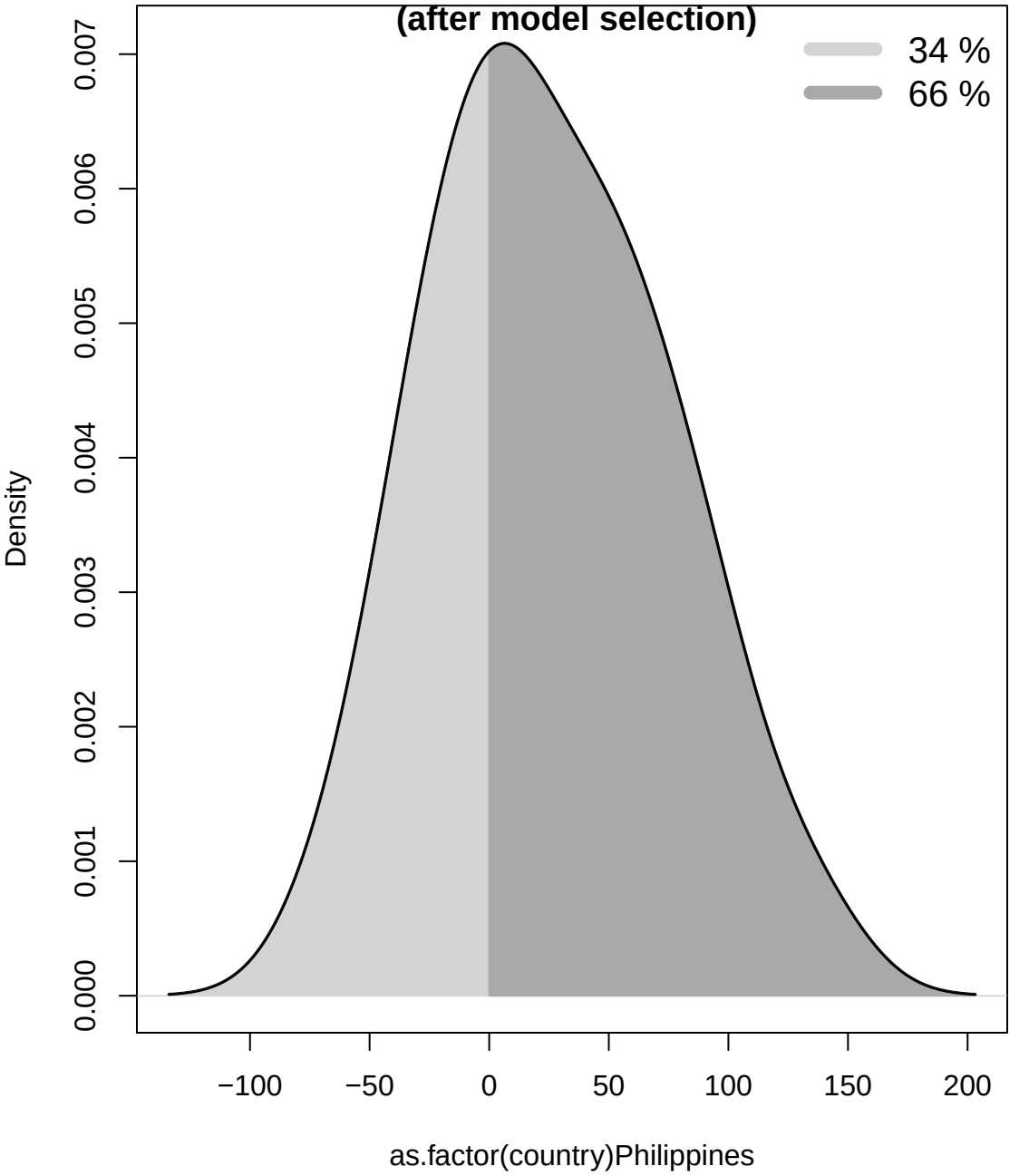
help("plot.mami")

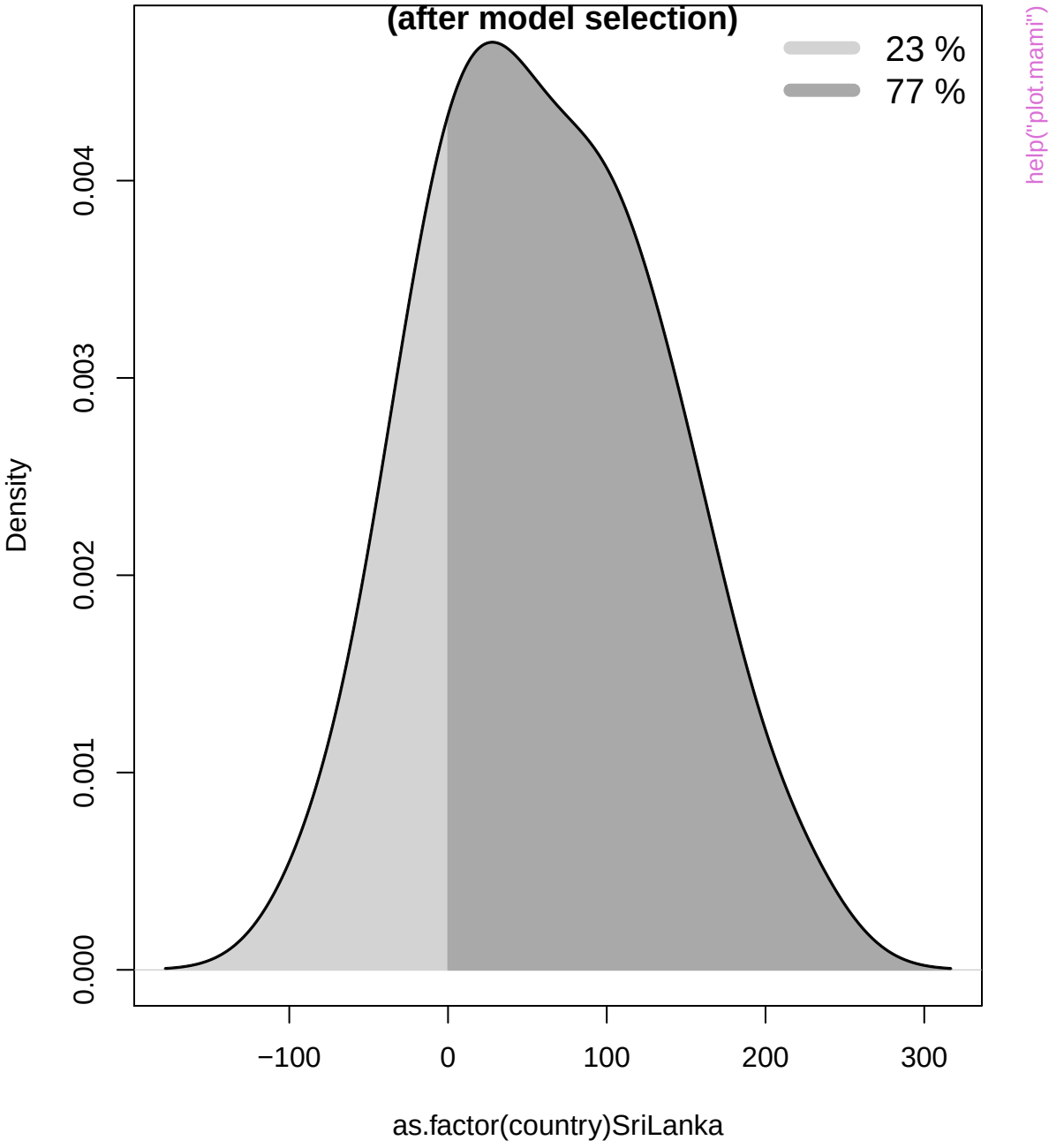

(after model selection)
45 %
55 %
help("plot.mami")
Density
0.000
0.001
0.002
0.003
0.004
0.005
0.006
−150
−100
−50
0
50
100
150
200
as.factor(country)Korea

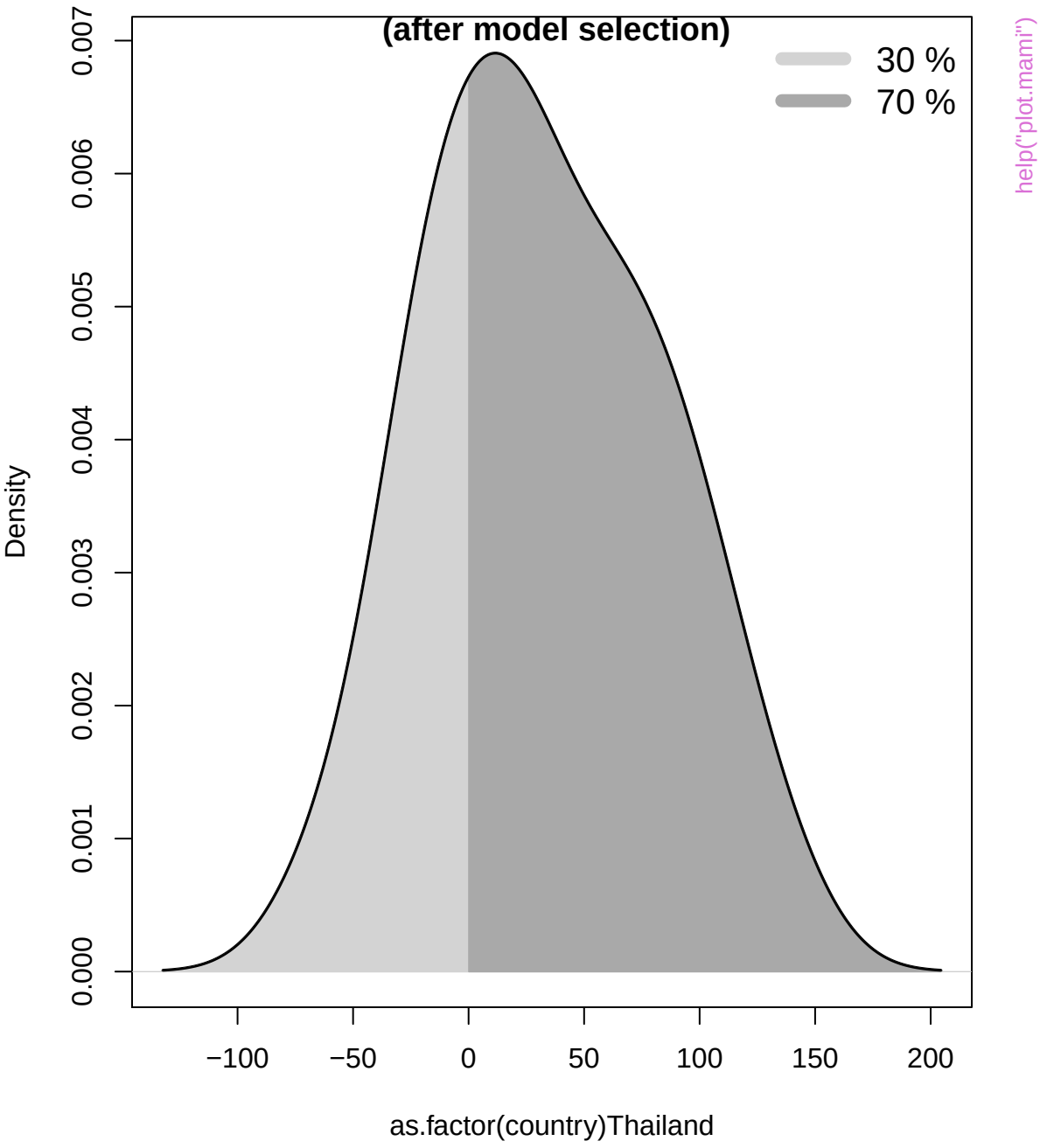



(after model selection)
29 %
71 %
help("plot.mami")
Density
0.000
0.001
0.002
0.003
0.004
0.005
−200
−100
0
100
200
300
as.factor(country)Nepal

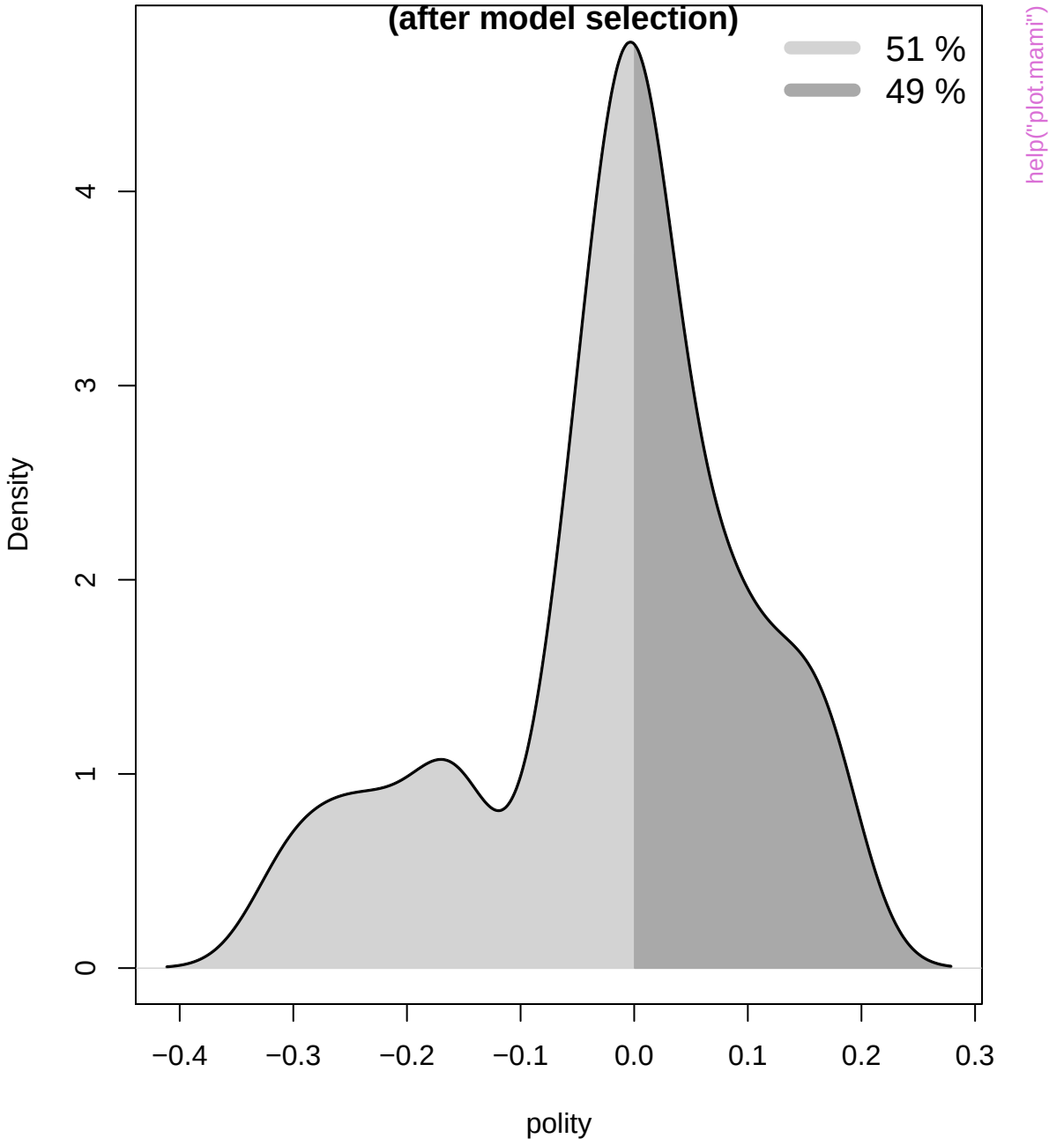

(after model selection)
9 %
91 %
help("plot.mami")
Density
0.000
0.002
0.004
0.006
0.008
−50
0
50
100
150
200
as.factor(country)Pakistan

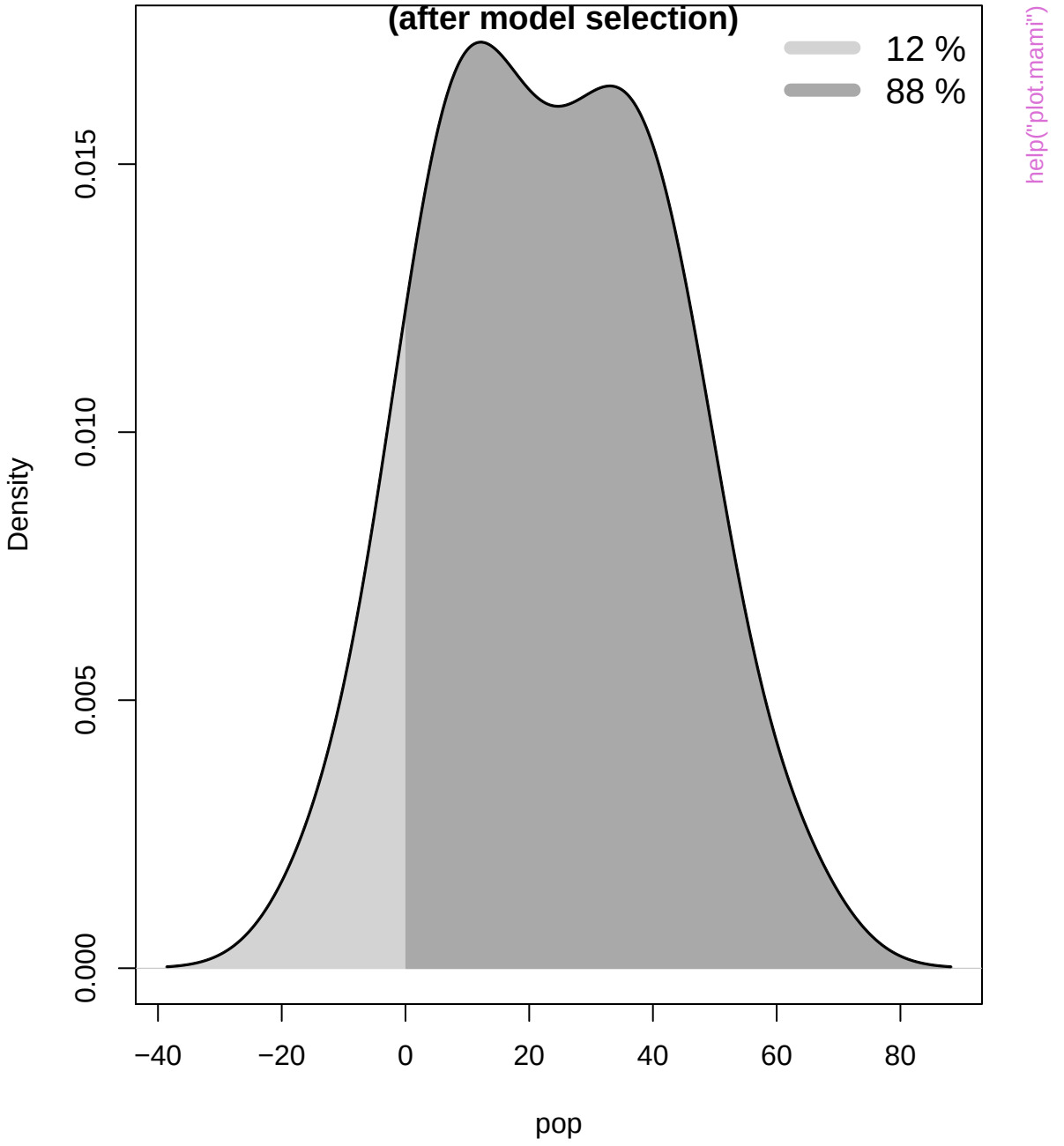

(after model selection)
34 %
66 %
help("plot.mami")
Density
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
−100
−50
0
50
100
150
200
as.factor(country)Philippines

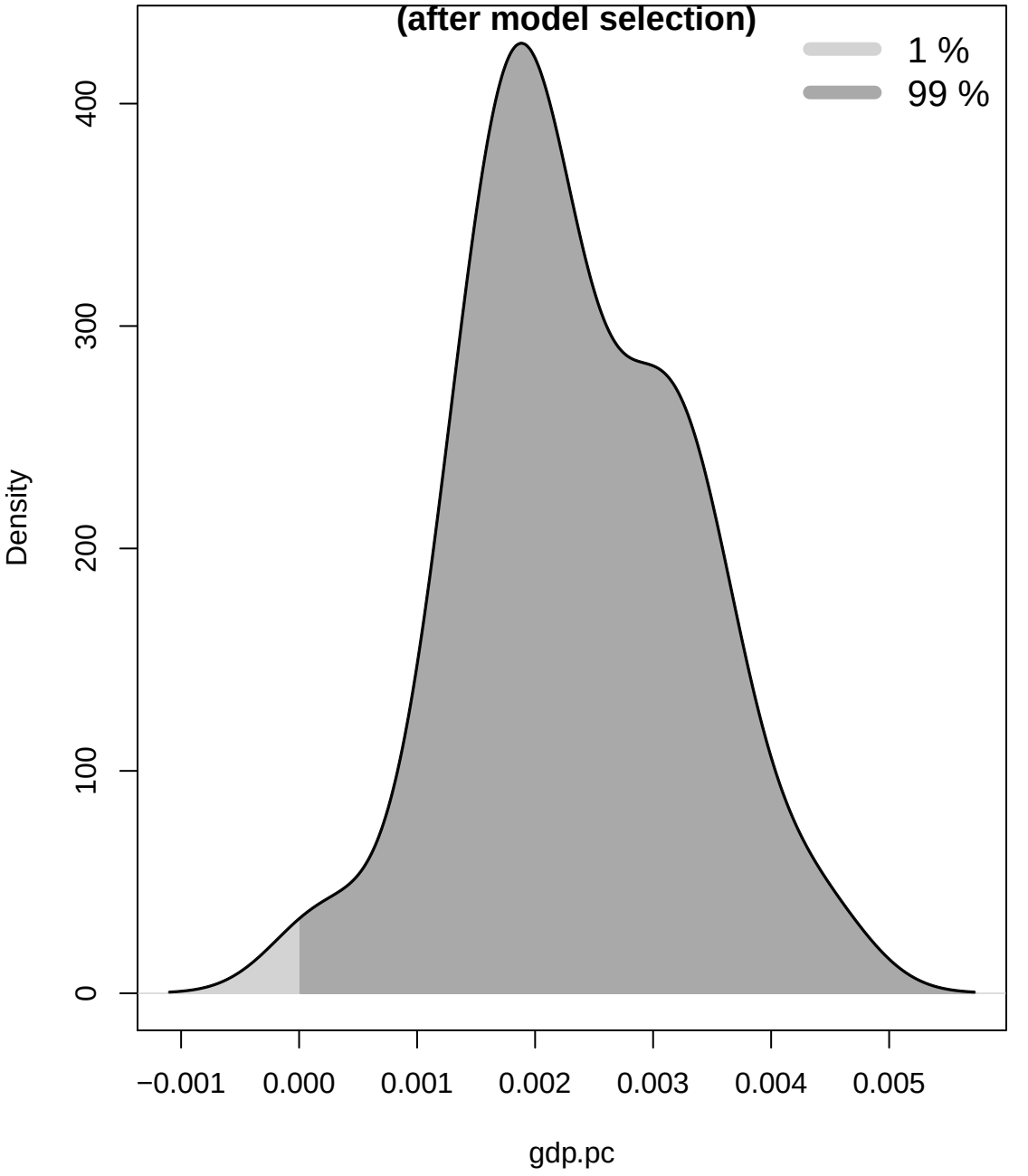

(after model selection)
23 %
77 %
help("plot.mami")
Density
0.000
0.001
0.002
0.003
0.004
−100
0
100
200
300
as.factor(country)SriLanka

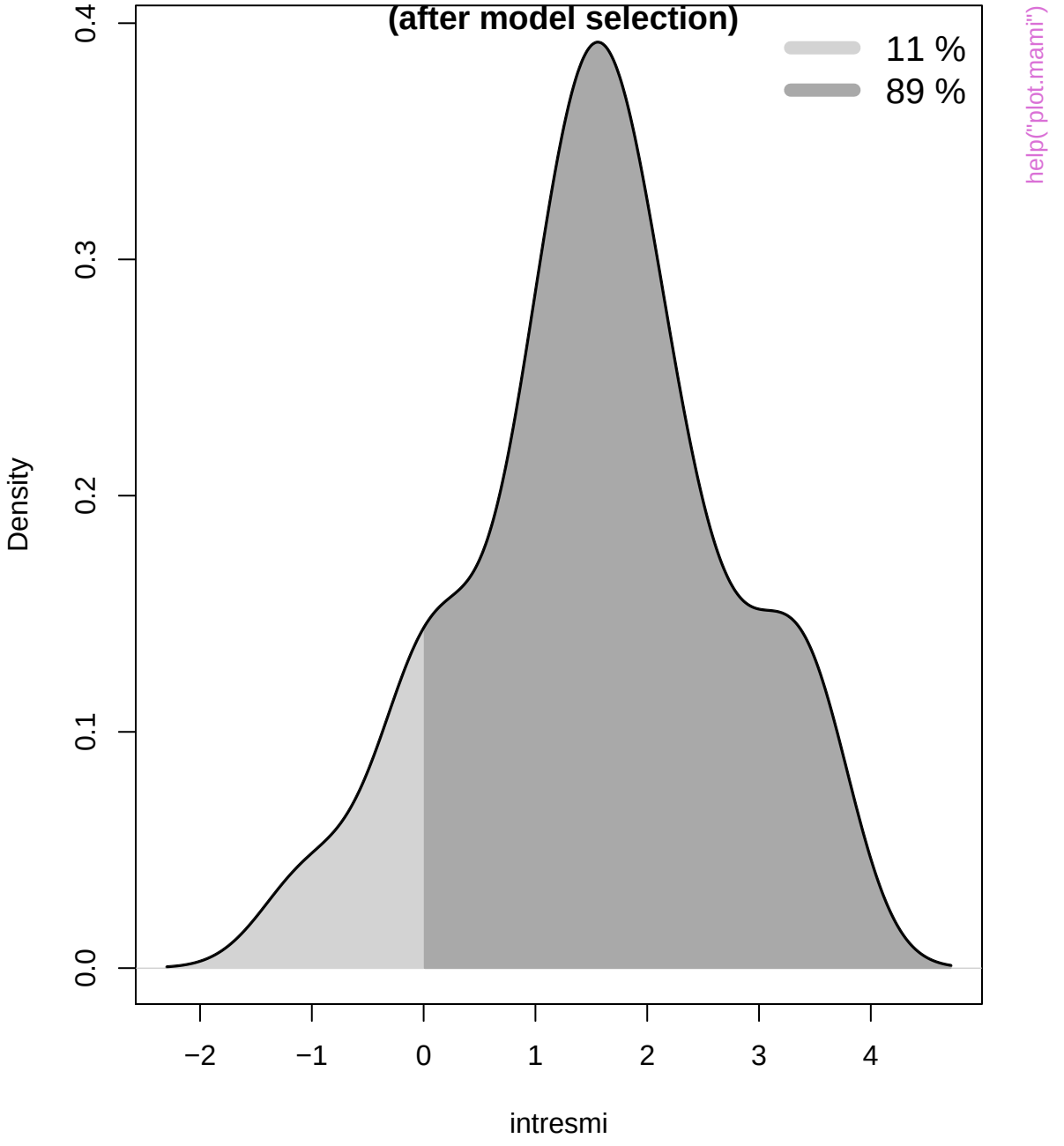


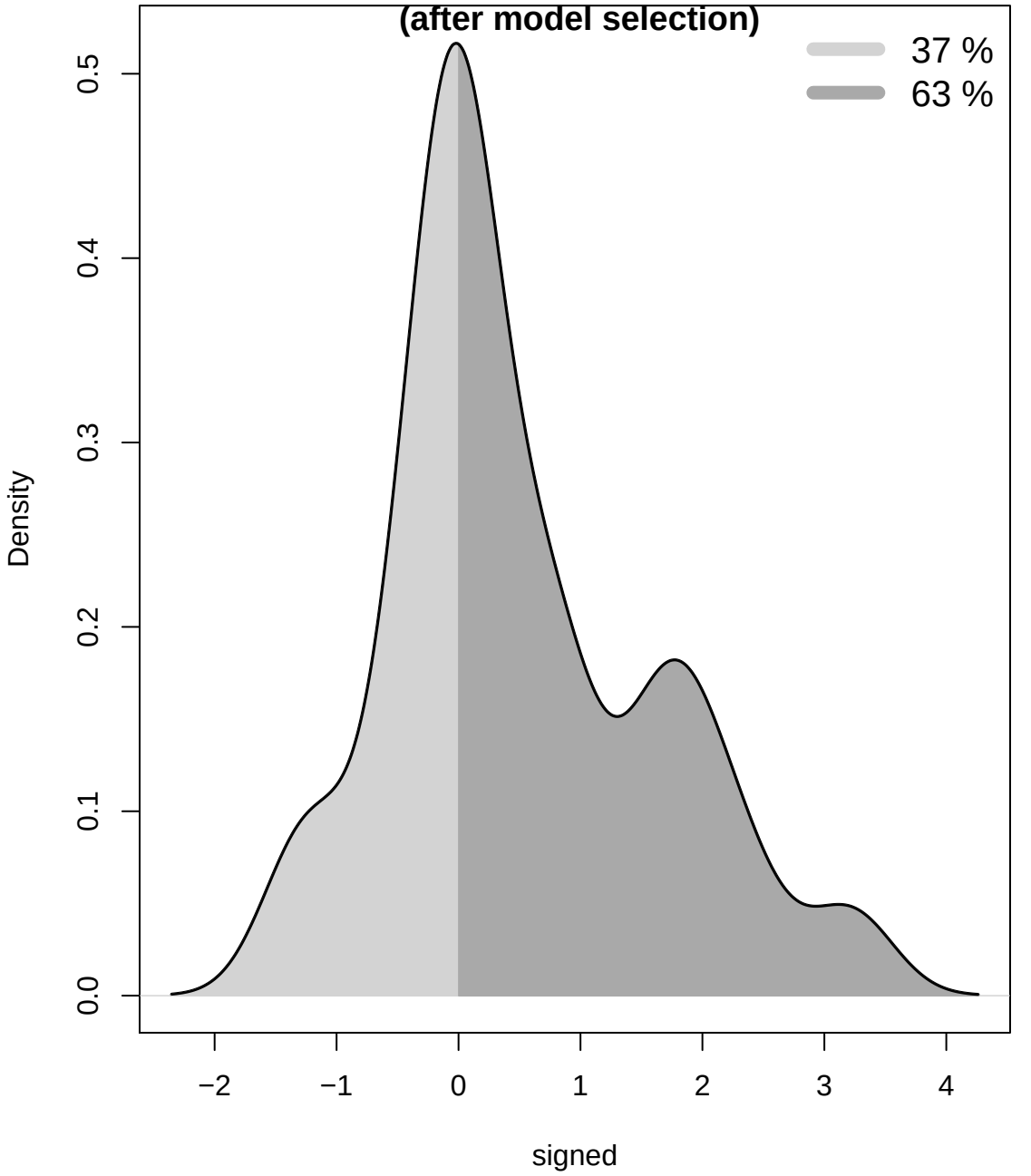
help("plot.mami")

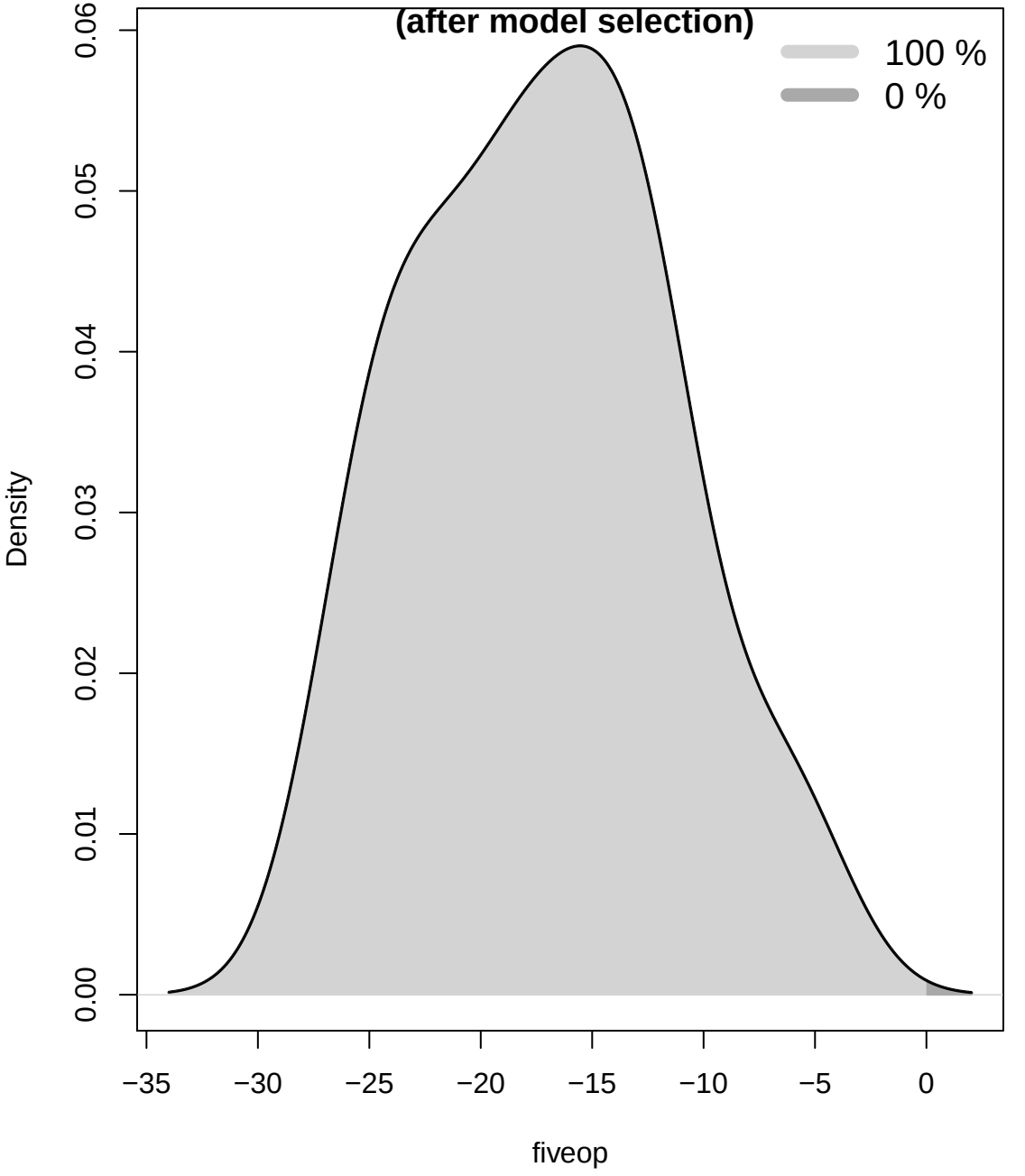

(after model selection)
51 %
49 %
help("plot.mami")
Density
0
1
2
3
4
−0.4
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
polity

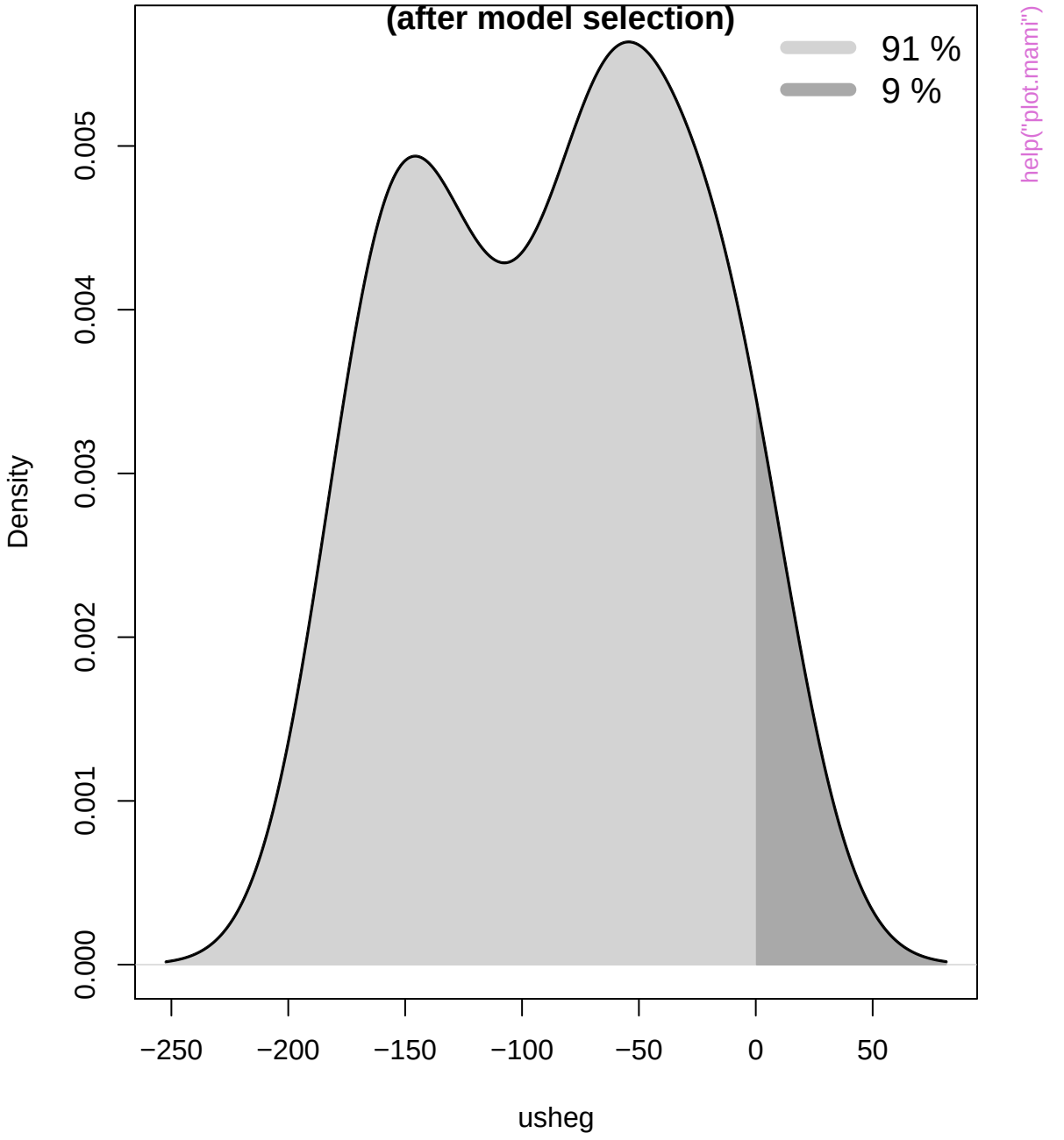

(after model selection)
12 %
88 %
Density
0.000
0.005
0.010
0.015
−40
−20
0
20
40
60
80
pop
help("plot.mami")




(after model selection)
11 %
89 %
Density
0.0
0.1
0.2
0.3
0.4
−2
−1
0
1
2
3
4
intresmi
help("plot.mami")


(after model selection)
37 %
63 %
help("plot.mami")
Density
0.0
0.1
0.2
0.3
0.4
0.5
−2
−1
0
1
2
3
4
signed


(after model selection)
100 %
0 %
help("plot.mami")
Density
0.00
0.01
0.02
0.03
0.04
0.05
0.06
−35
−30
−25
−20
−15
−10
−5
0
fiveop


(after model selection)
91 %
9 %
Density
0.000
0.001
0.002
0.003
0.004
0.005
−250
−200
−150
−100
−50
0
50
usheg
help("plot.mami")