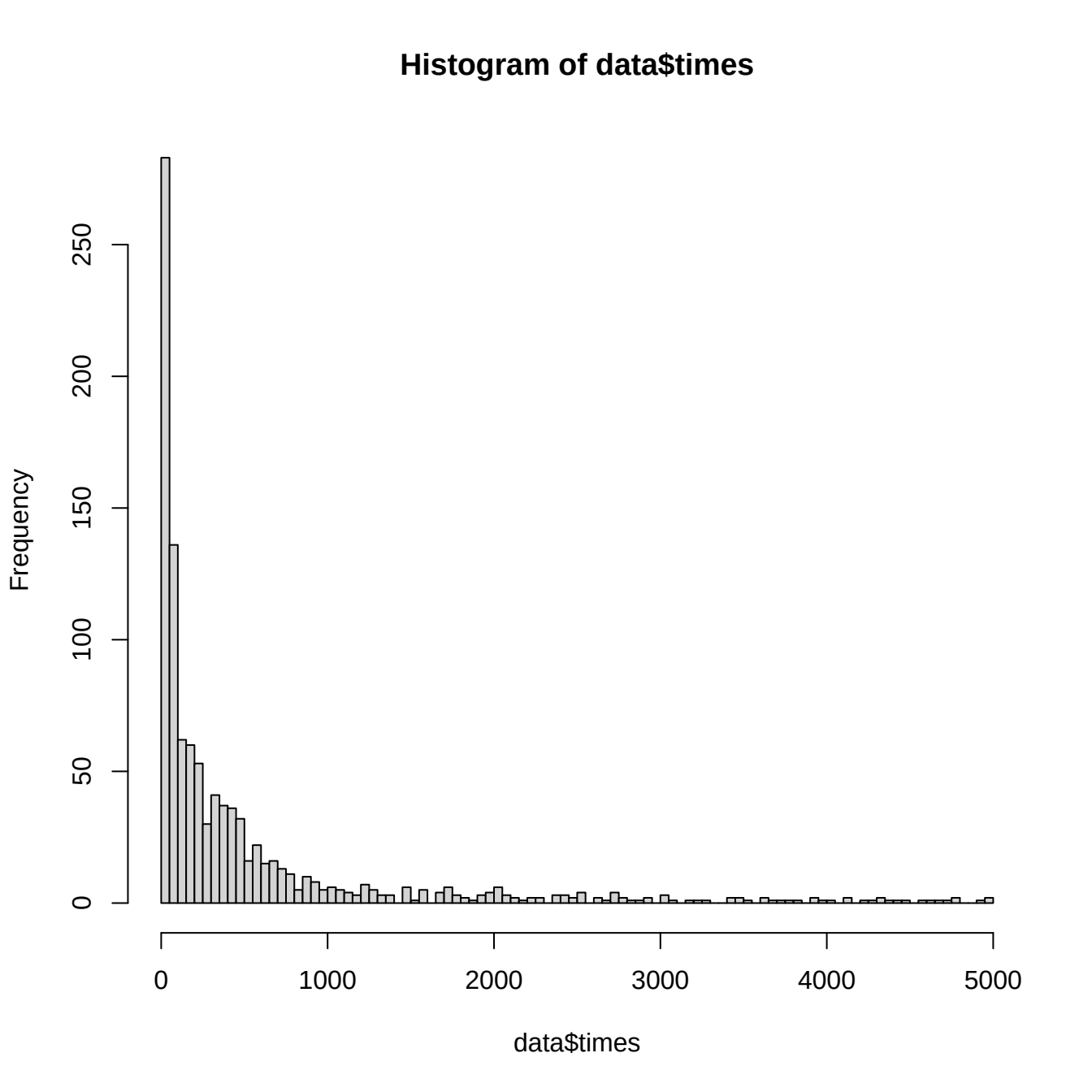
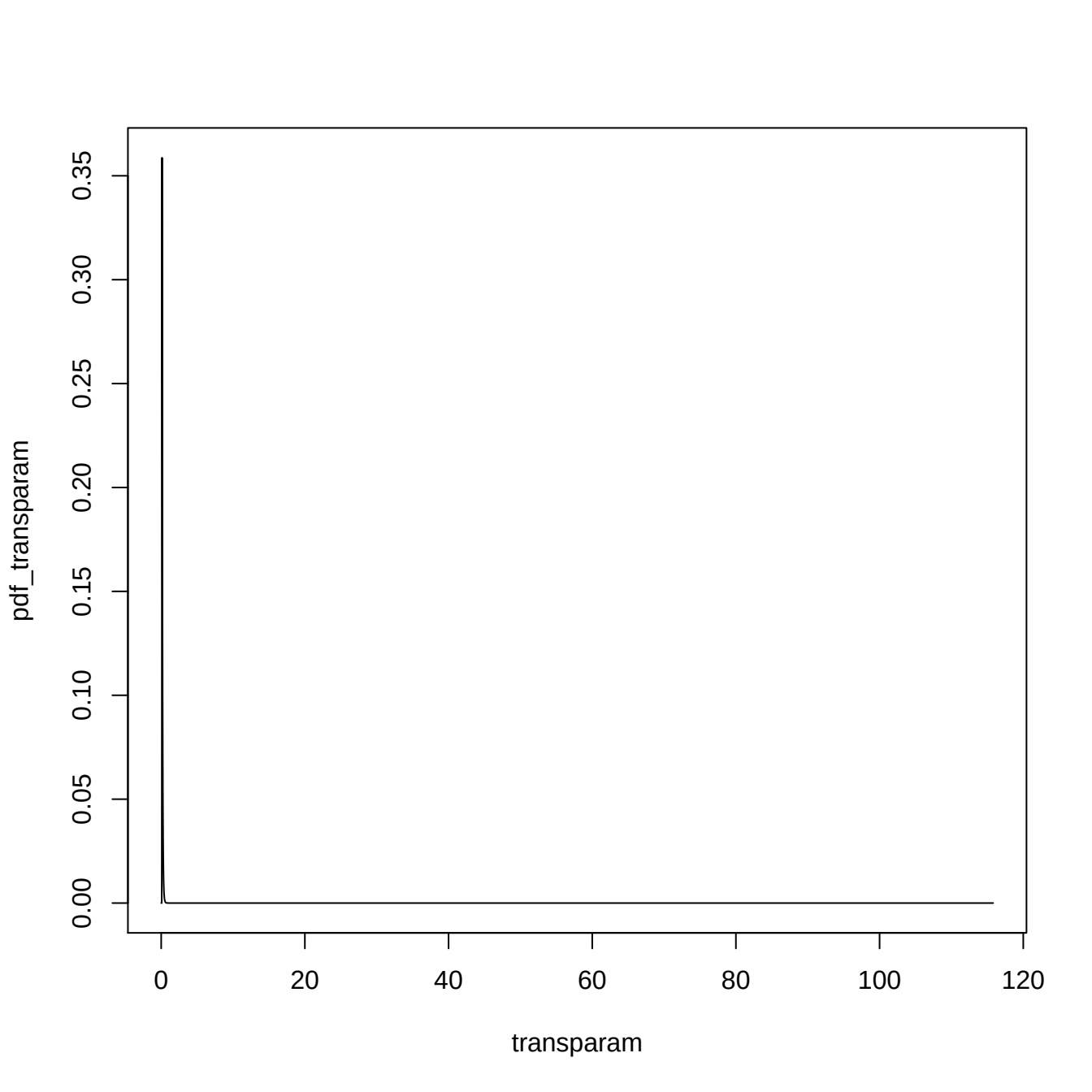
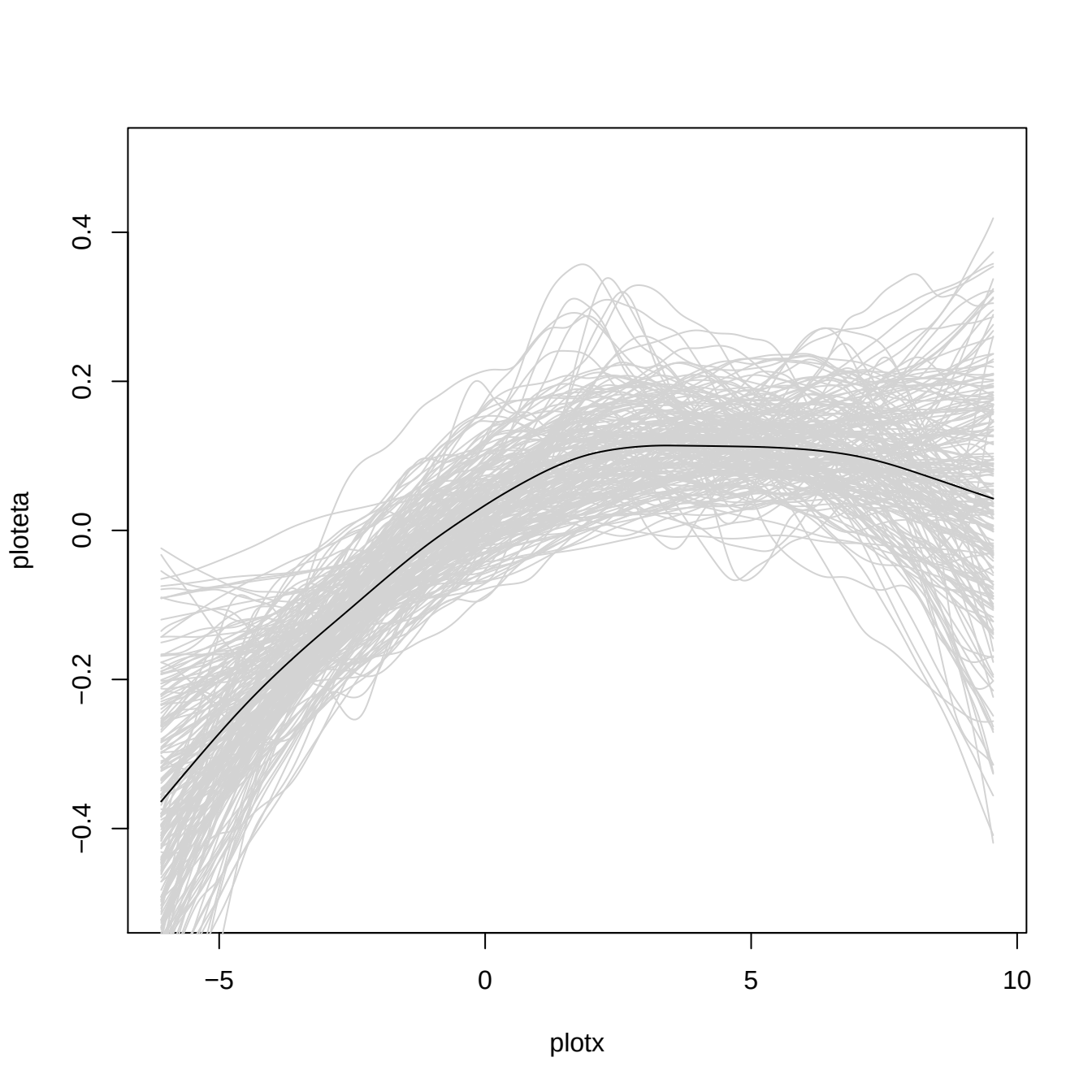
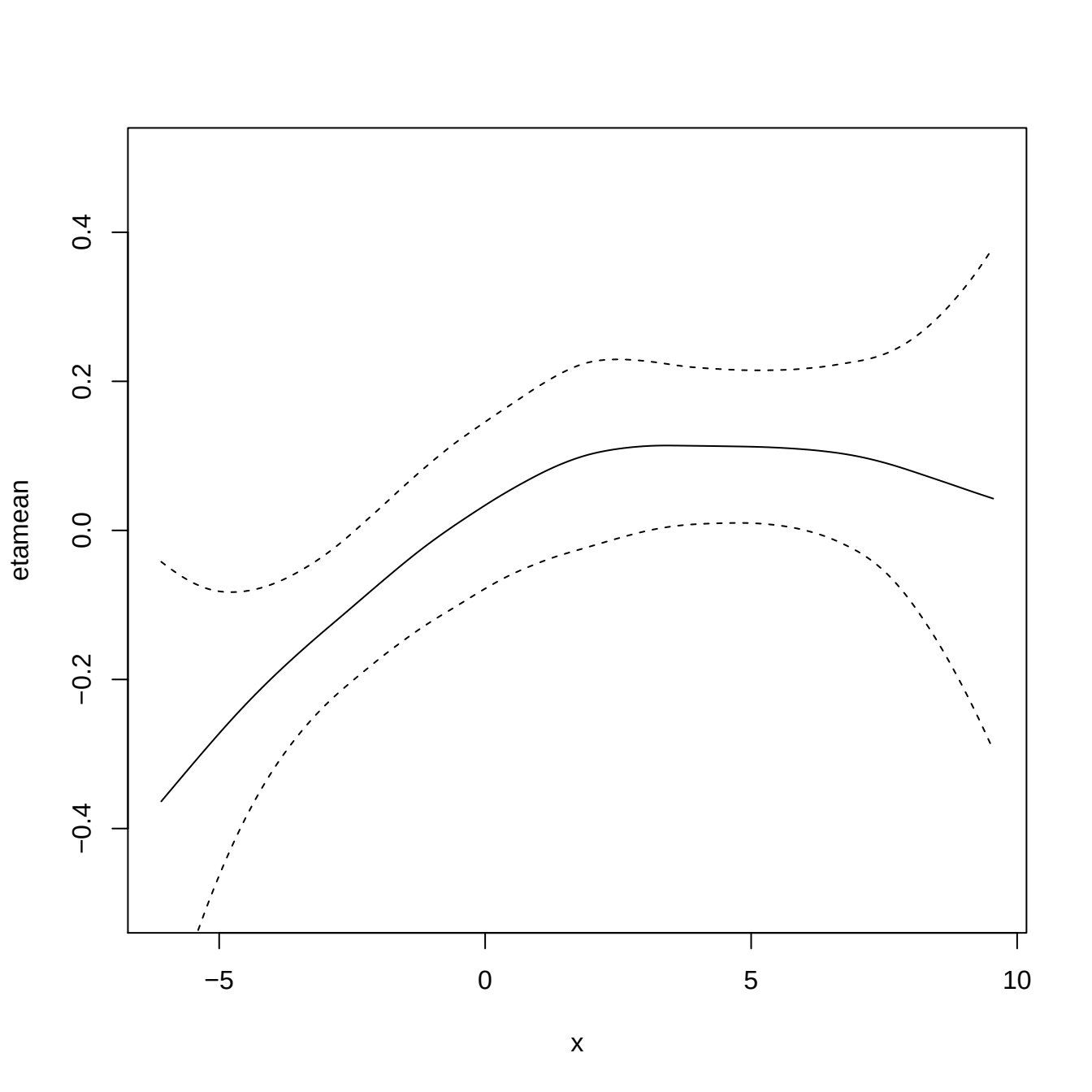
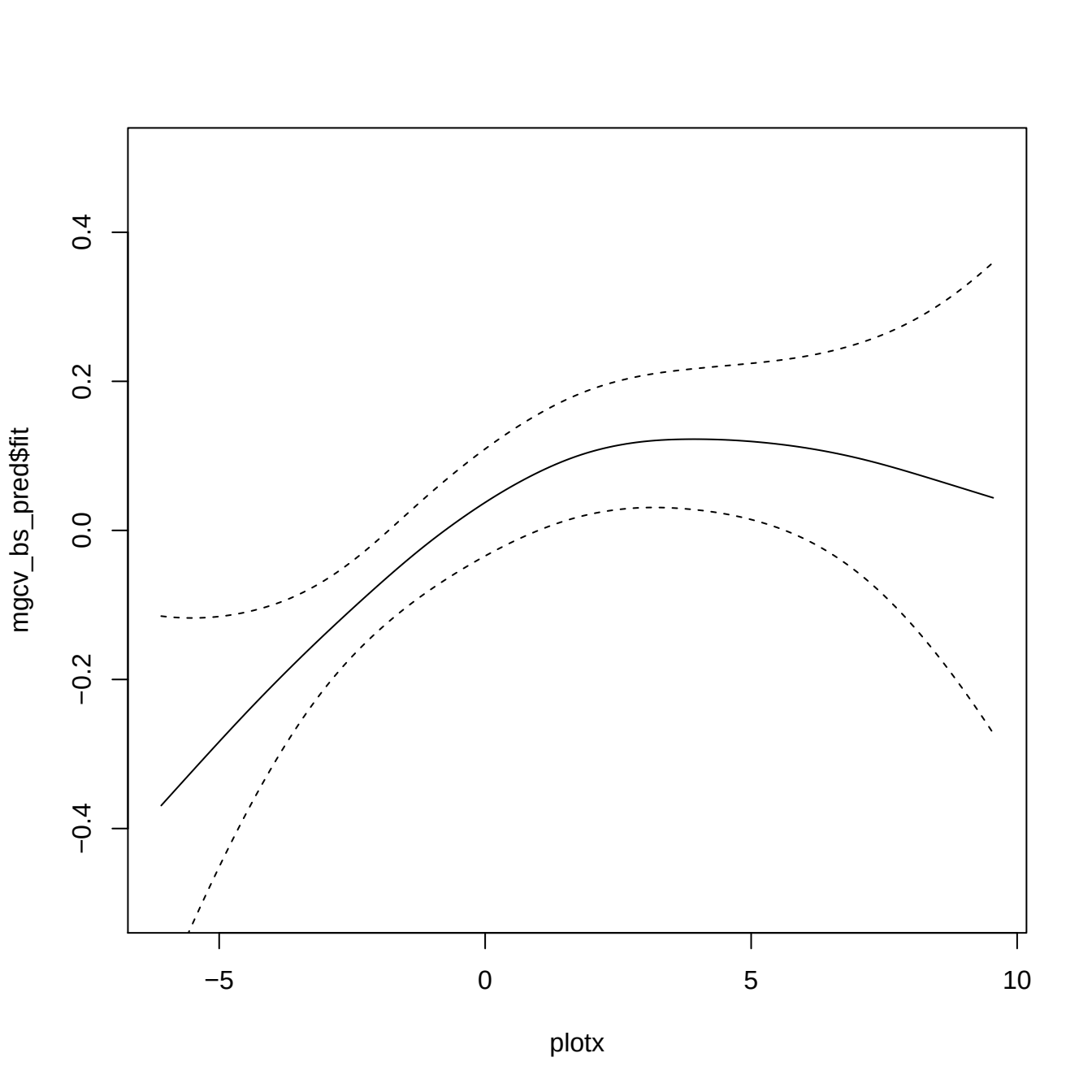
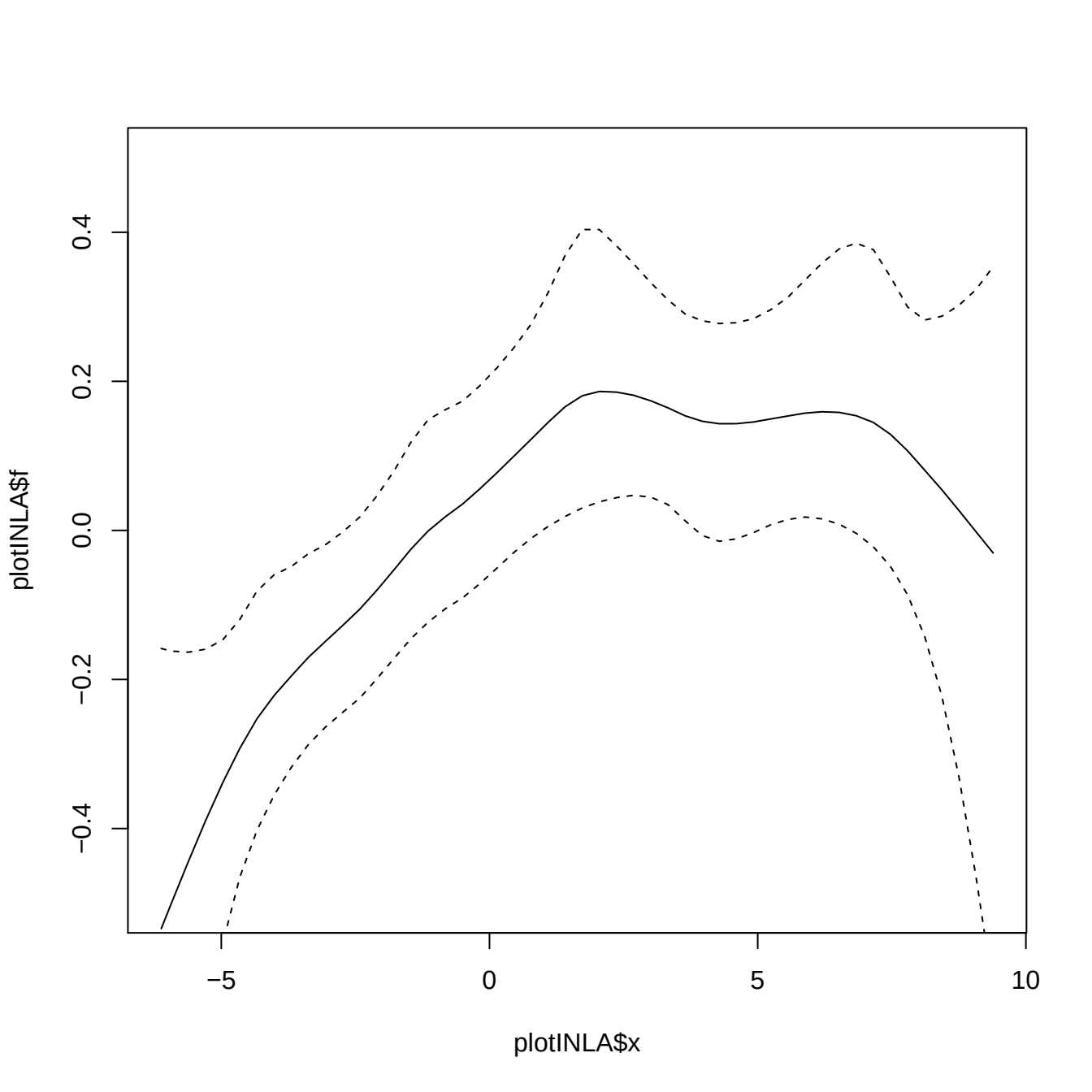

Histogram of data$times
Frequency
0
50
100
150
200
250
0
1000
2000
3000
4000
5000
data$times

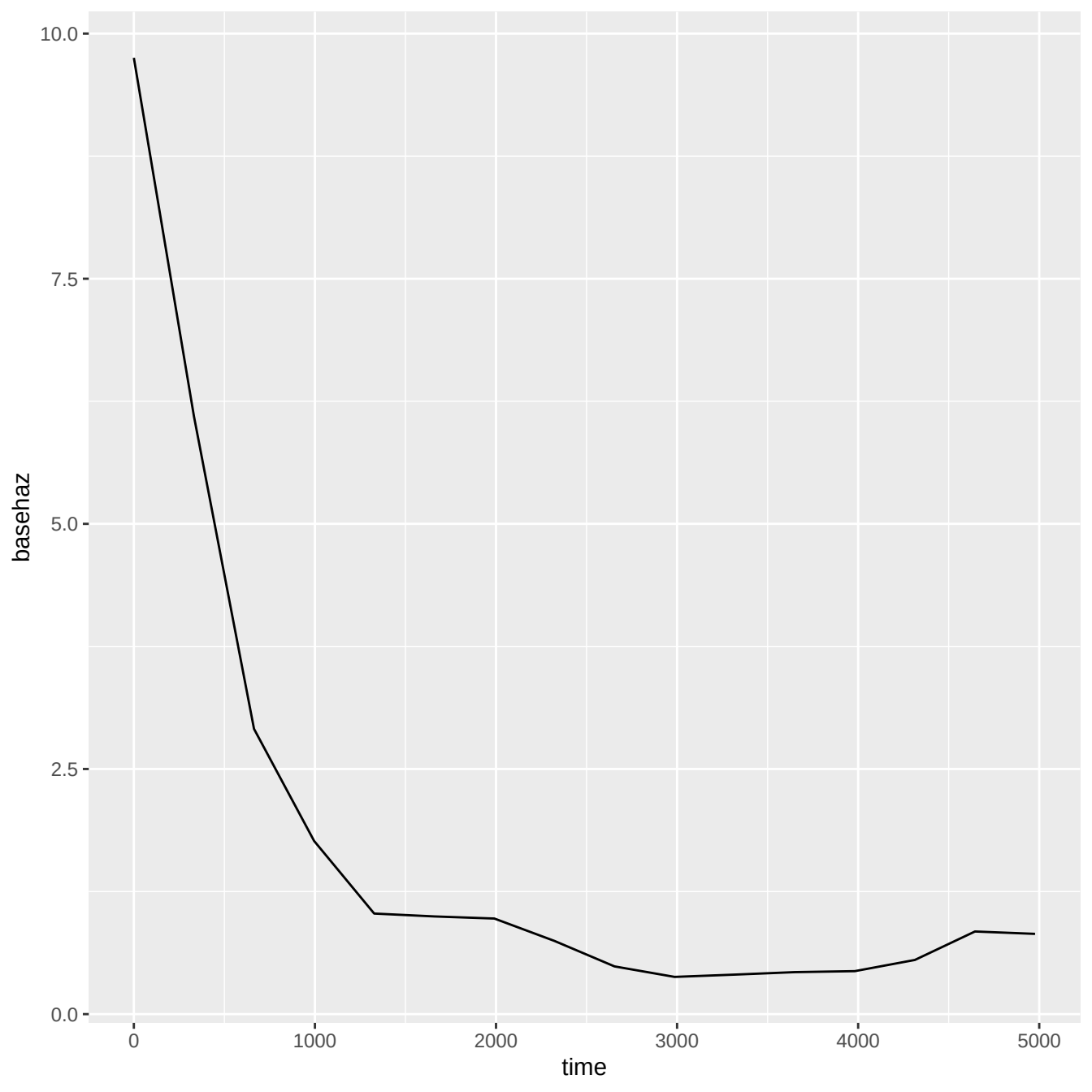

pdf_transparam
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0
20
40
60
80
100
120
transparam

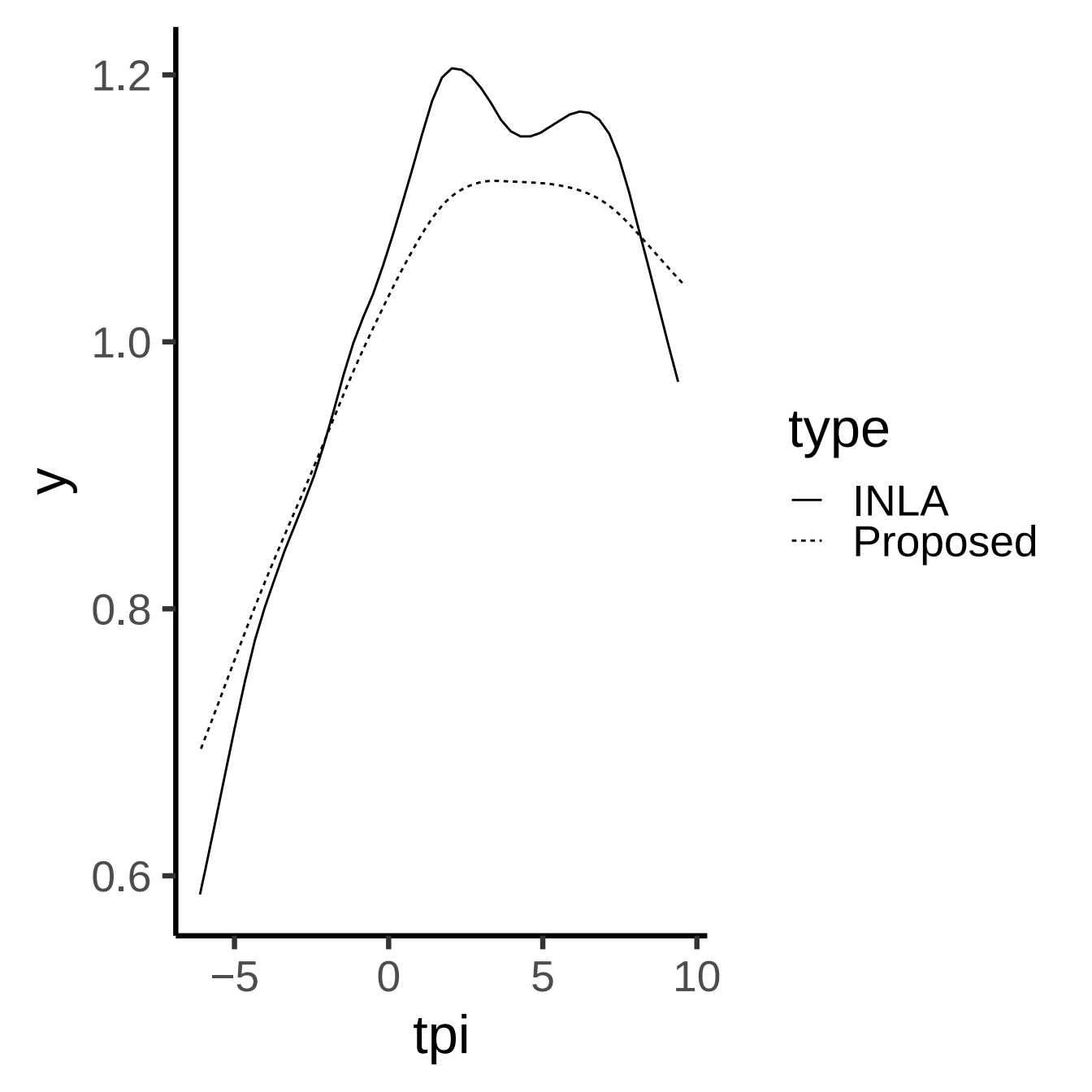

ploteta
0.4
0.2
0.0
−0.2
−0.4
−5
0
5
10
plotx

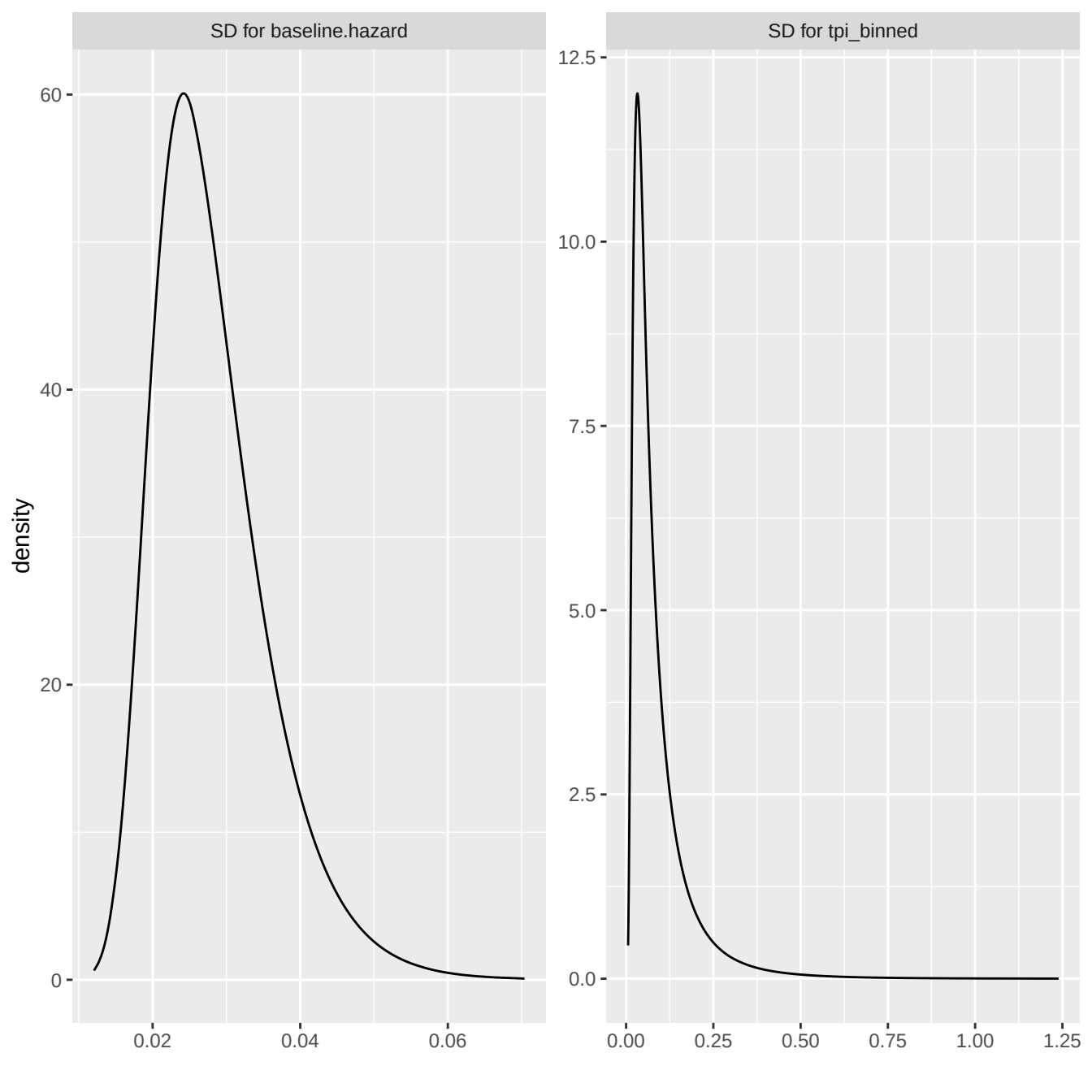

etamean
0.4
0.2
0.0
−0.2
−0.4
−5
0
5
10
x

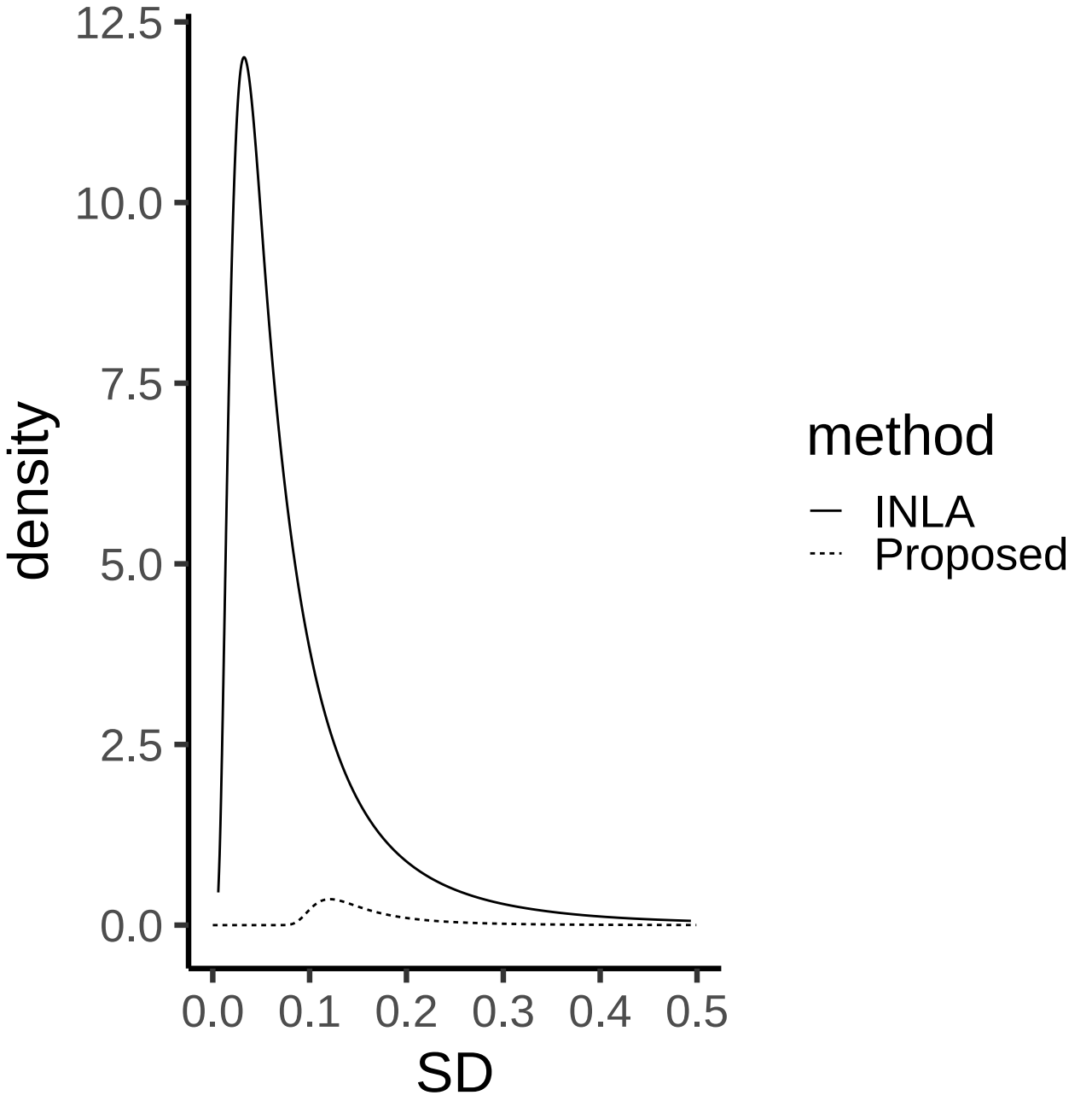

mgcv_bs_pred$fit
0.4
0.2
0.0
−0.2
−0.4
−5
0
5
10
plotx

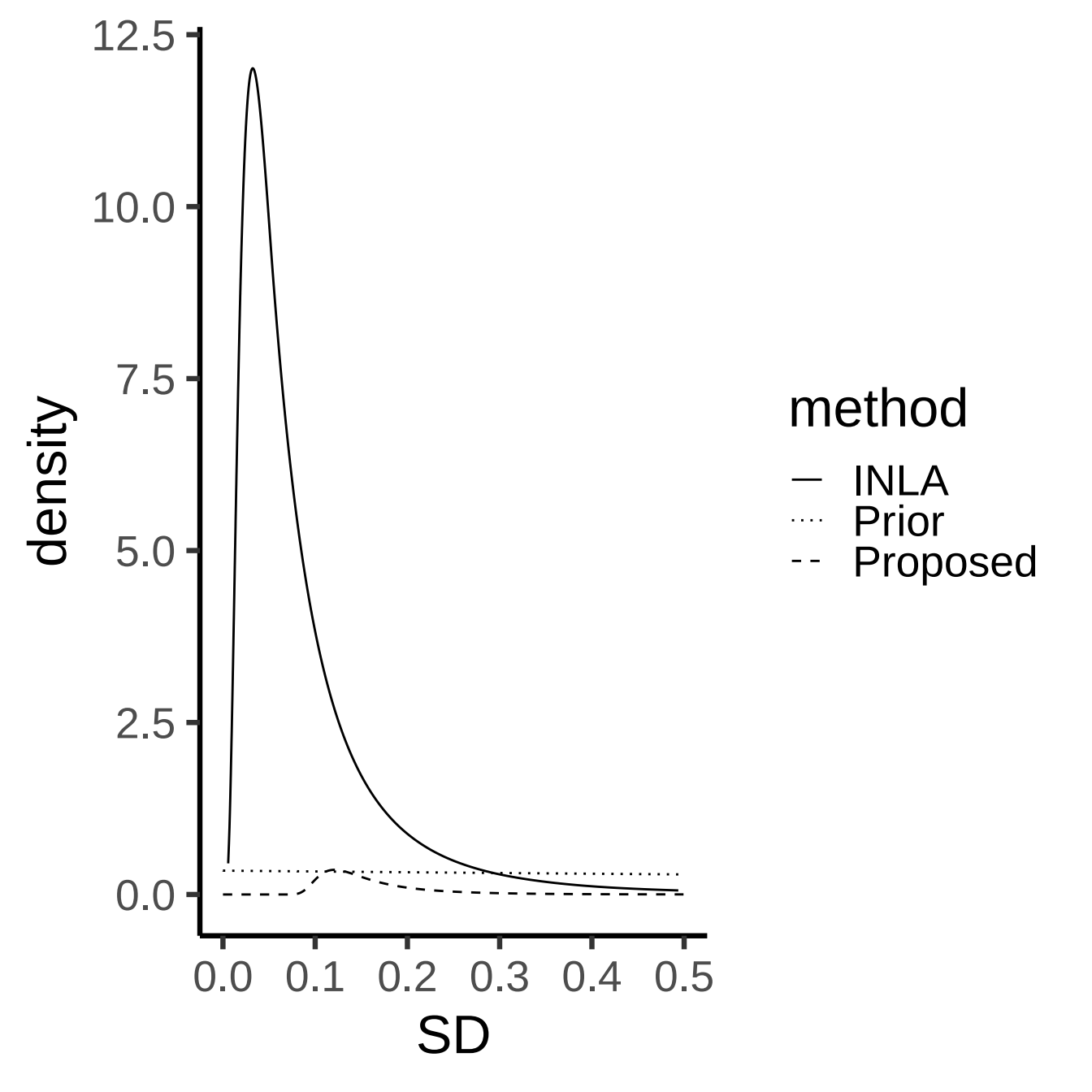

plotINLA$f
0.4
0.2
0.0
−0.2
−0.4
−5
0
5
10
plotINLA$x

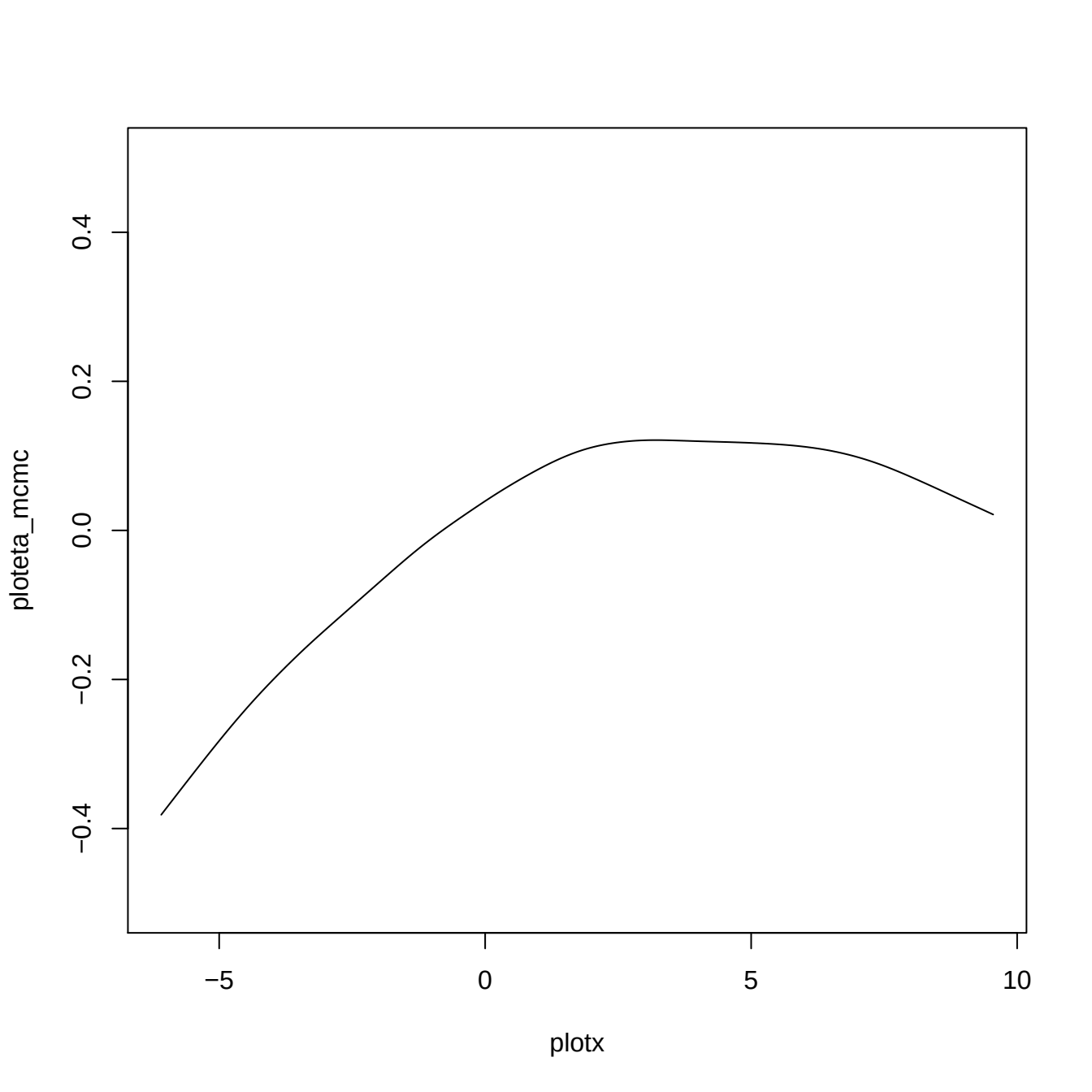

10.0
7.5
5.0
2.5
0.0
basehaz
0
1000
2000
3000
4000
5000
time

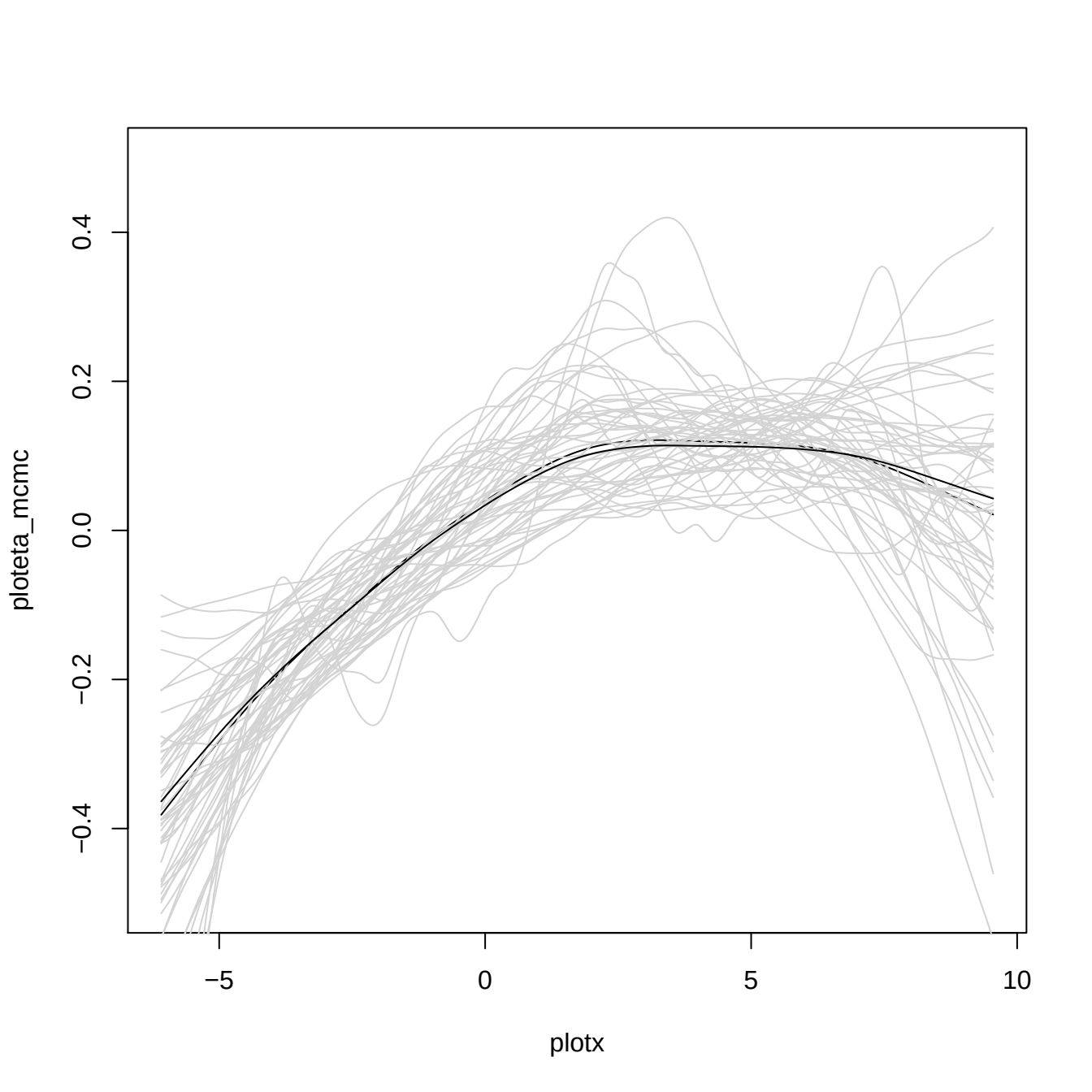

1.2
1.0
0.8
0.6
y
−5
0
5
10
tpi
type
INLA
Proposed

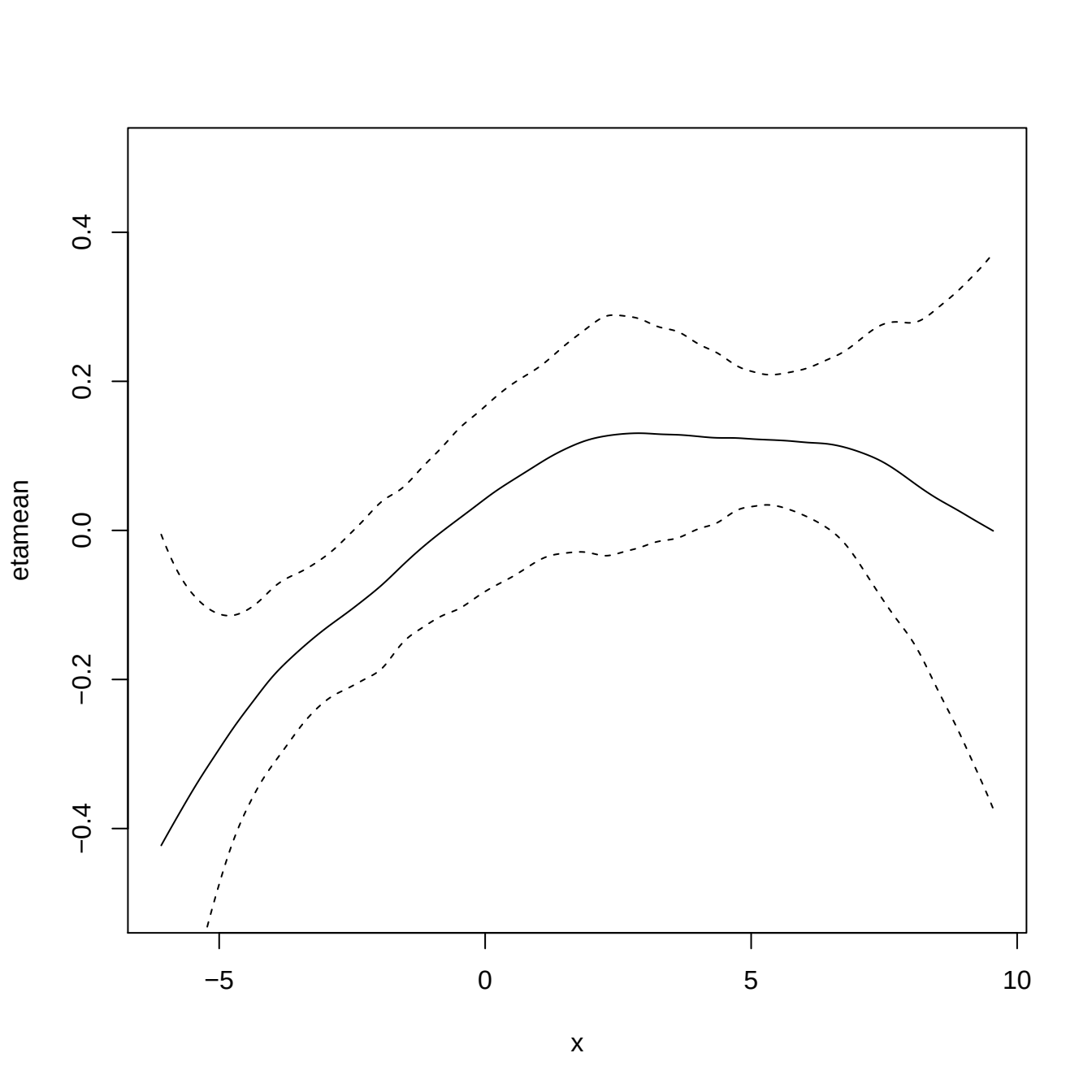

SD for baseline.hazard
SD for tpi_binned
density
60
40
20
0
12.5
10.0
7.5
5.0
2.5
0.0
0.02
0.04
0.06
0.00
0.25
0.50
0.75
1.00
1.25

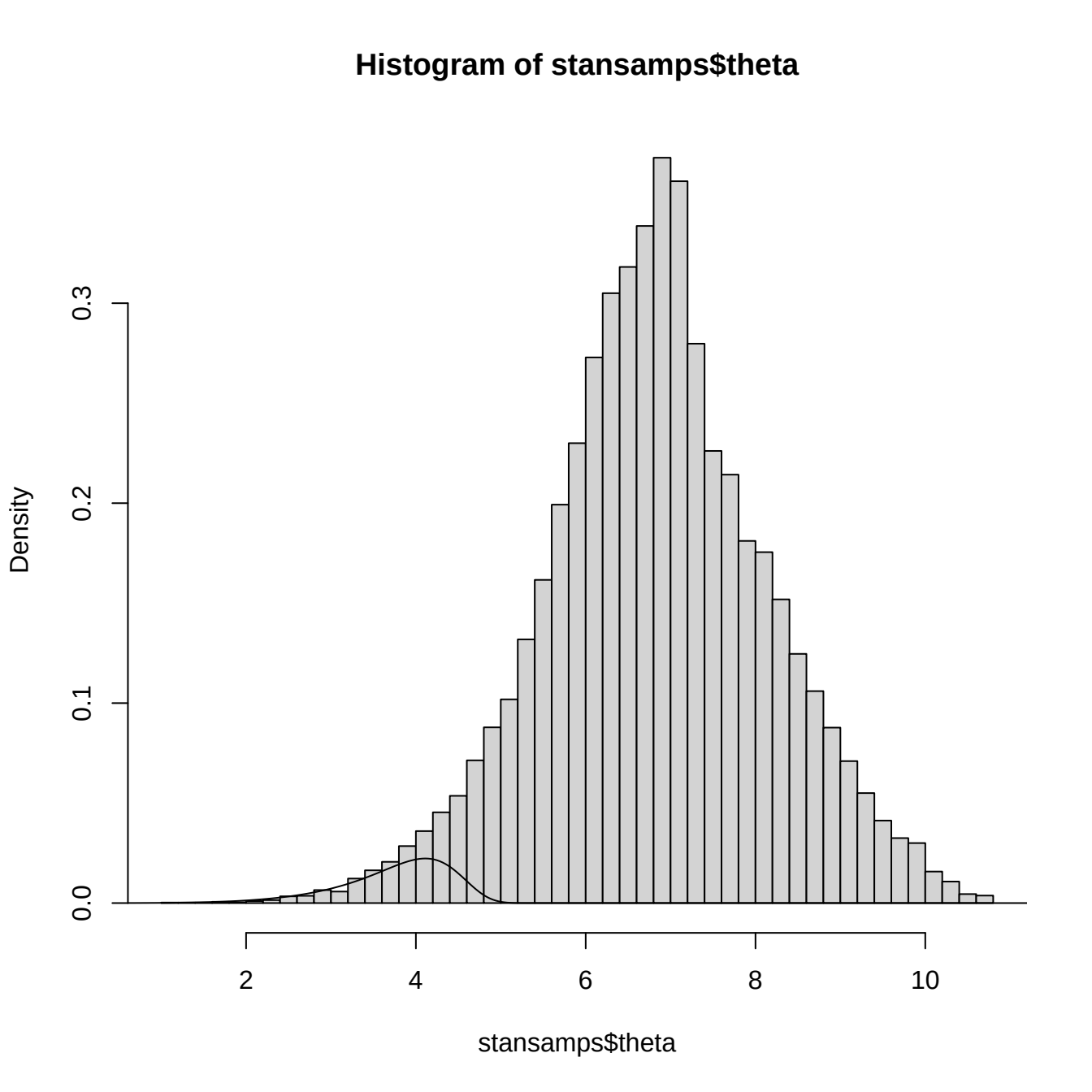

12.5
10.0
7.5
5.0
2.5
0.0
density
0.0
0.1
0.2
0.3
0.4
0.5
SD
method
INLA
Proposed

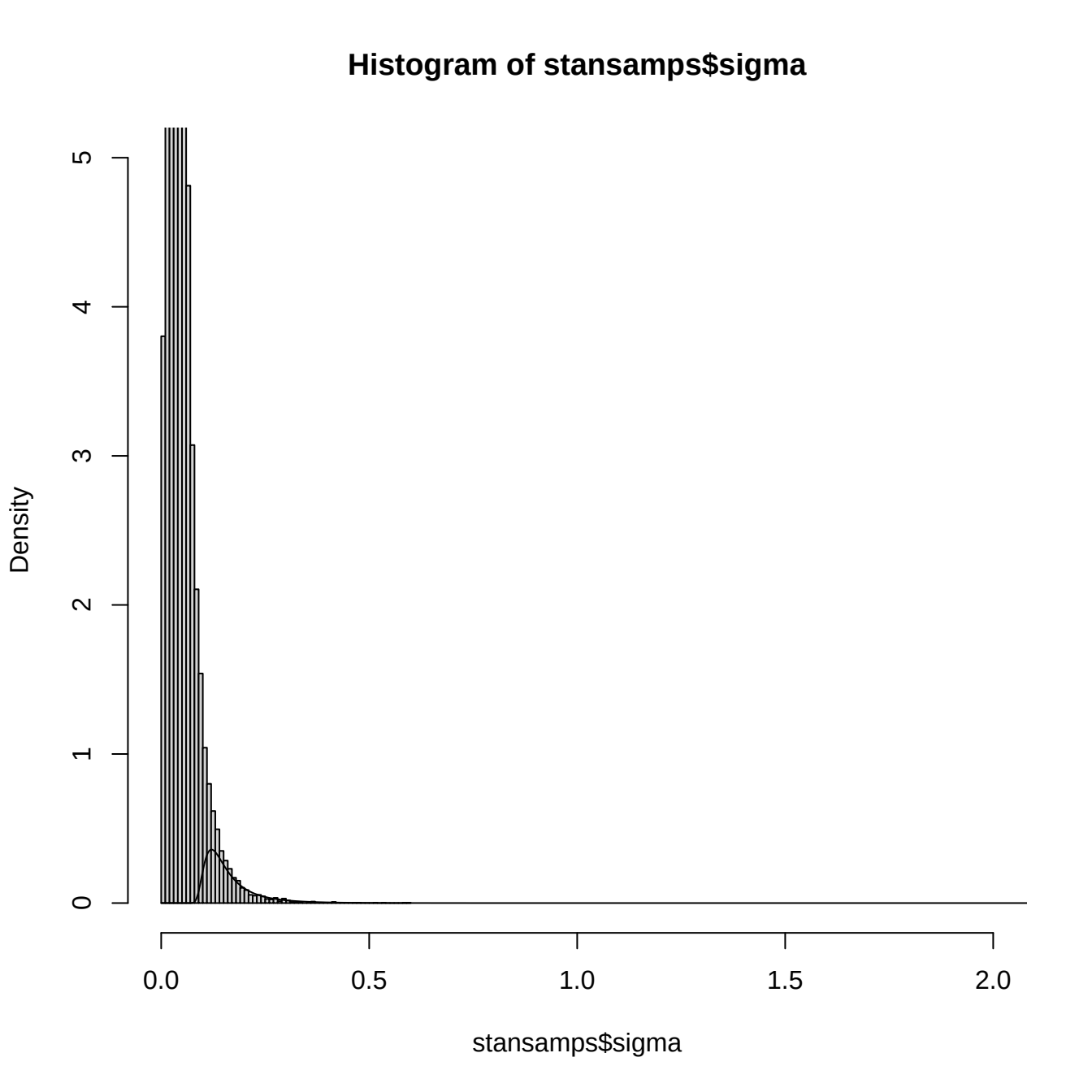

12.5
10.0
7.5
5.0
2.5
0.0
density
0.0
0.1
0.2
0.3
0.4
0.5
SD
method
INLA
Prior
Proposed

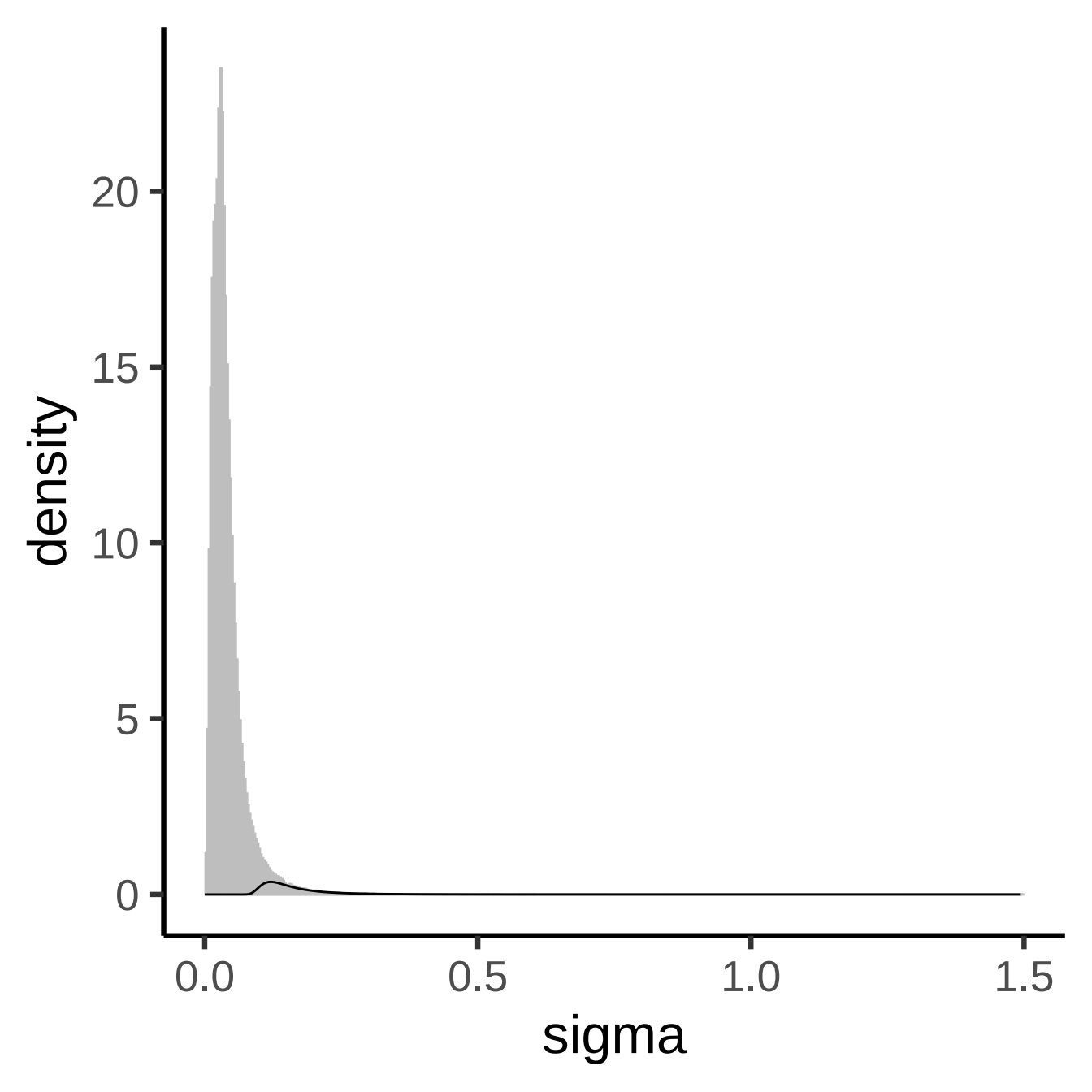

ploteta_mcmc
0.4
0.2
0.0
−0.2
−0.4
−5
0
5
10
plotx

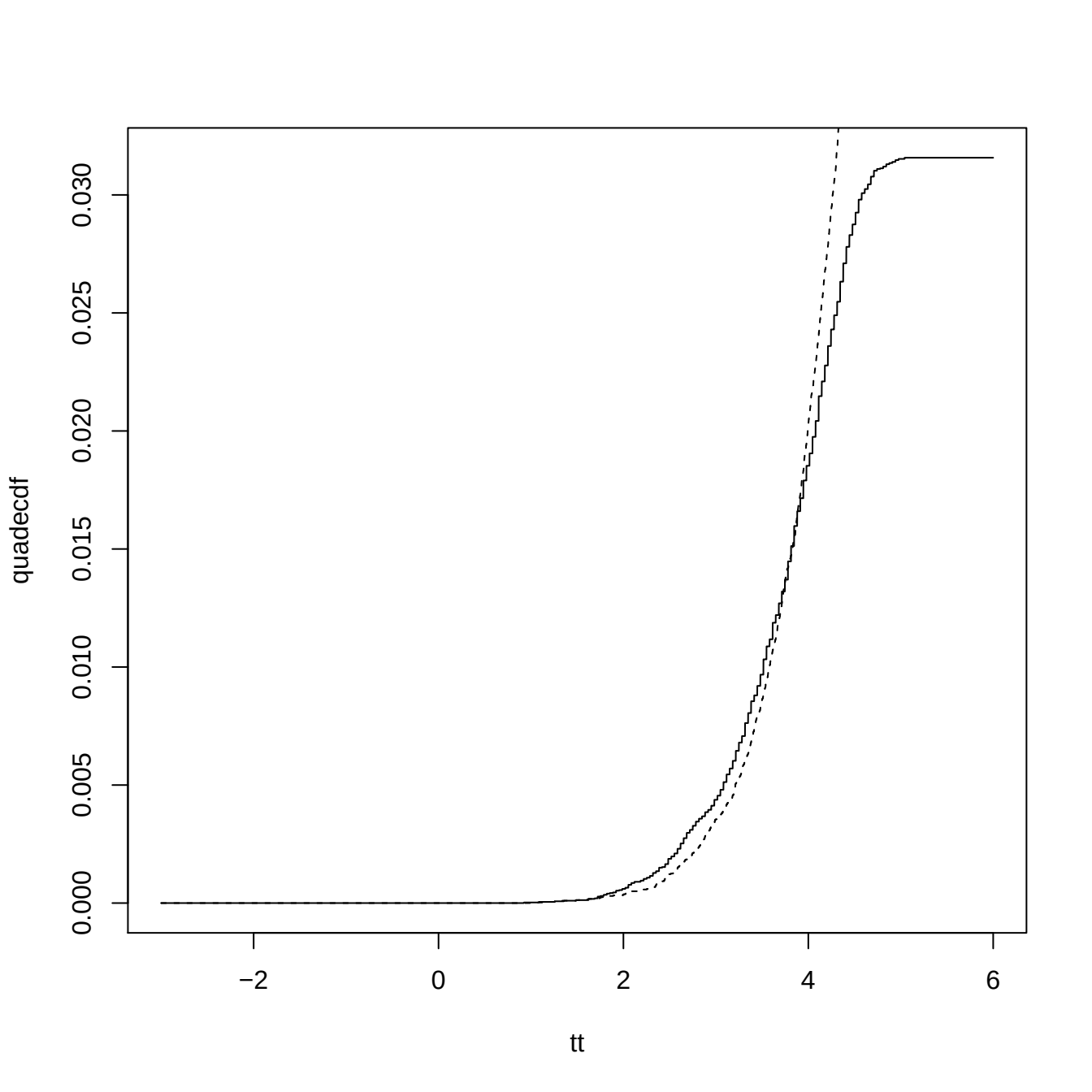

ploteta_mcmc
0.4
0.2
0.0
−0.2
−0.4
−5
0
5
10
plotx

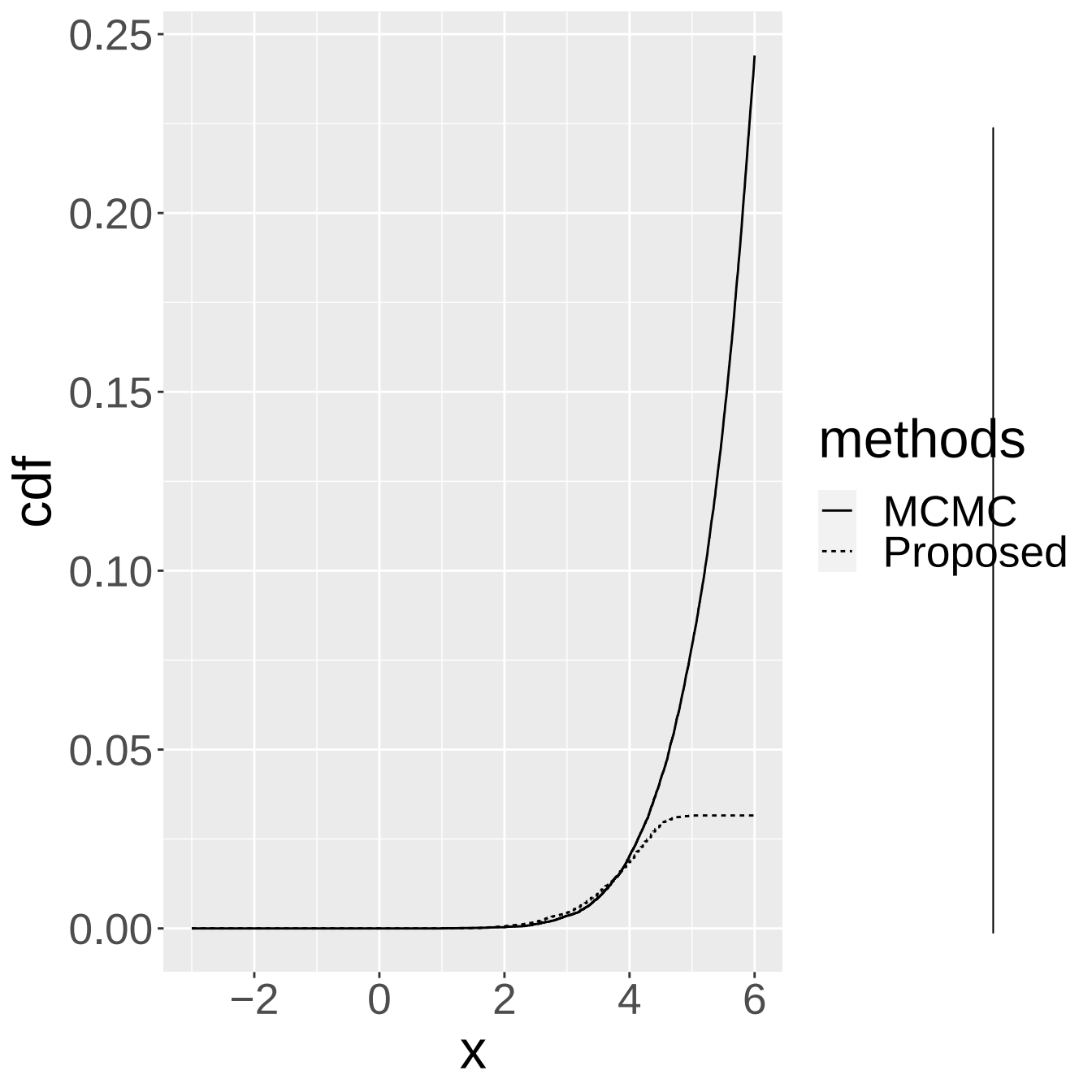

etamean
0.4
0.2
0.0
−0.2
−0.4
−5
0
5
10
x

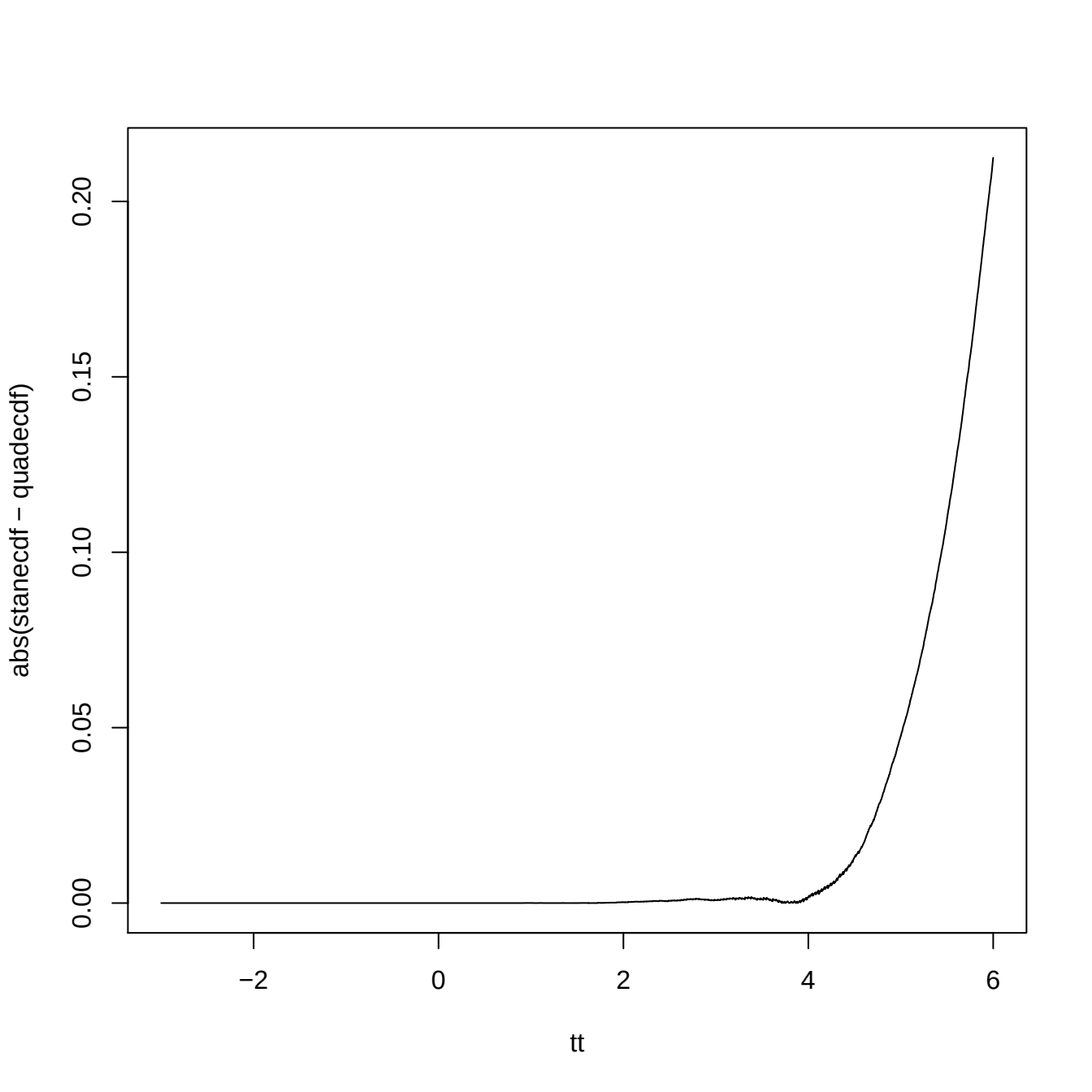

Histogram of stansamps$theta
Density
0.0
0.1
0.2
0.3
2
4
6
8
10
stansamps$theta


Histogram of stansamps$sigma
Density
0
1
2
3
4
5
0.0
0.5
1.0
1.5
2.0
stansamps$sigma


density
20
15
10
5
0
0.0
0.5
1.0
1.5
sigma


quadecdf
0.000
0.005
0.010
0.015
0.020
0.025
0.030
−2
0
2
4
6
tt


0.25
0.20
0.15
0.10
0.05
0.00
cdf
−2
0
2
4
6
x
methods
MCMC
Proposed


abs(stanecdf − quadecdf)
0.00
0.05
0.10
0.15
0.20
−2
0
2
4
6
tt