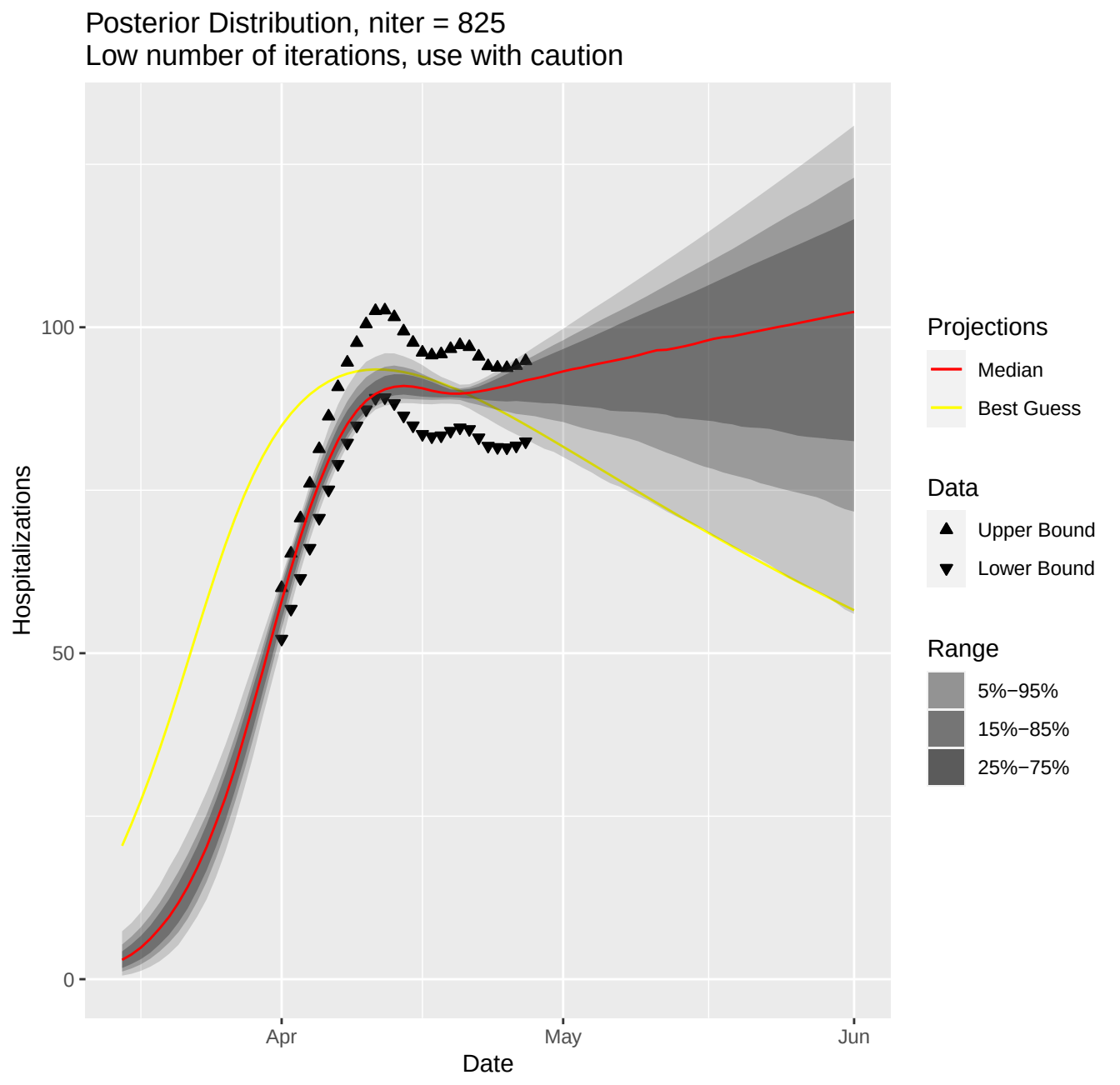
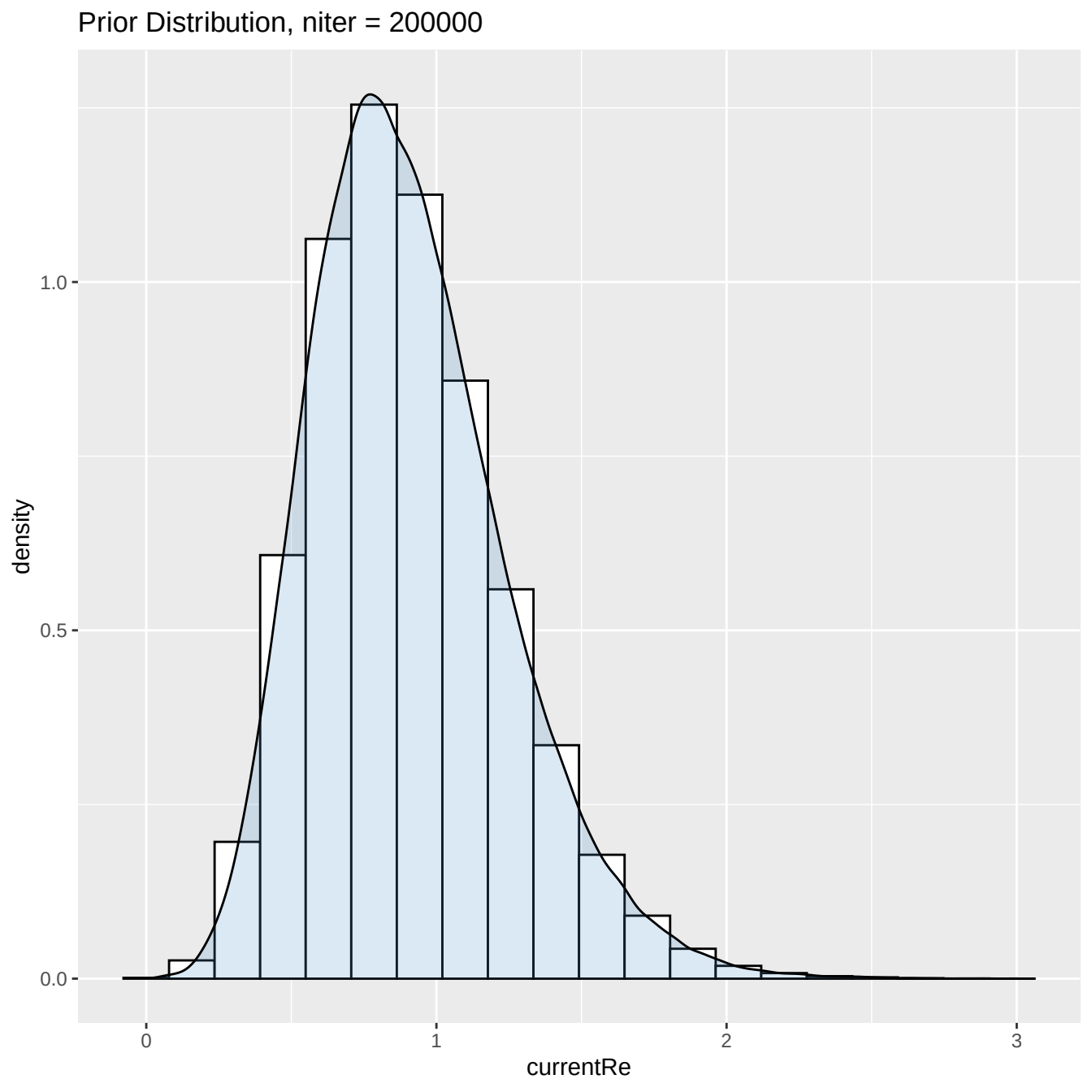
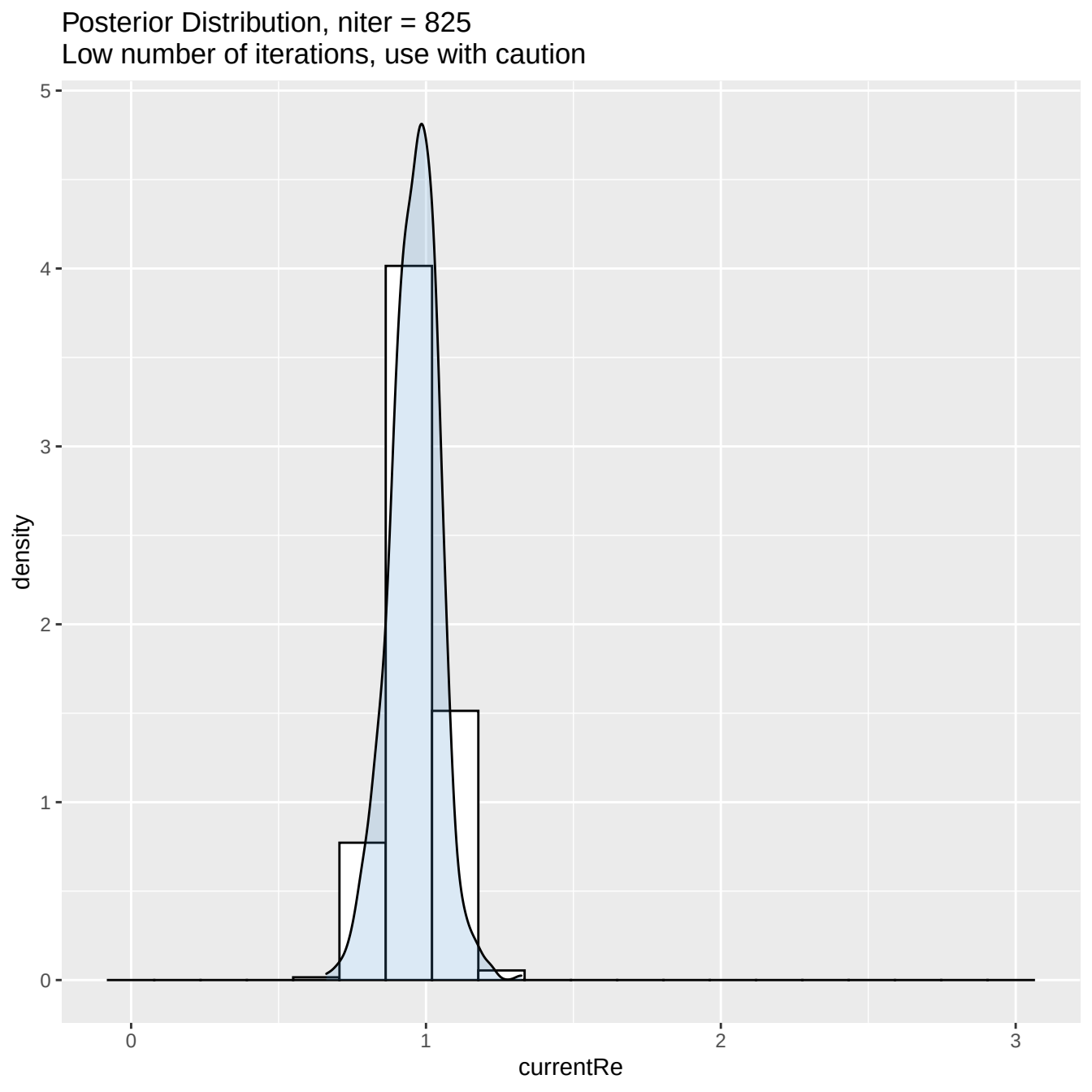
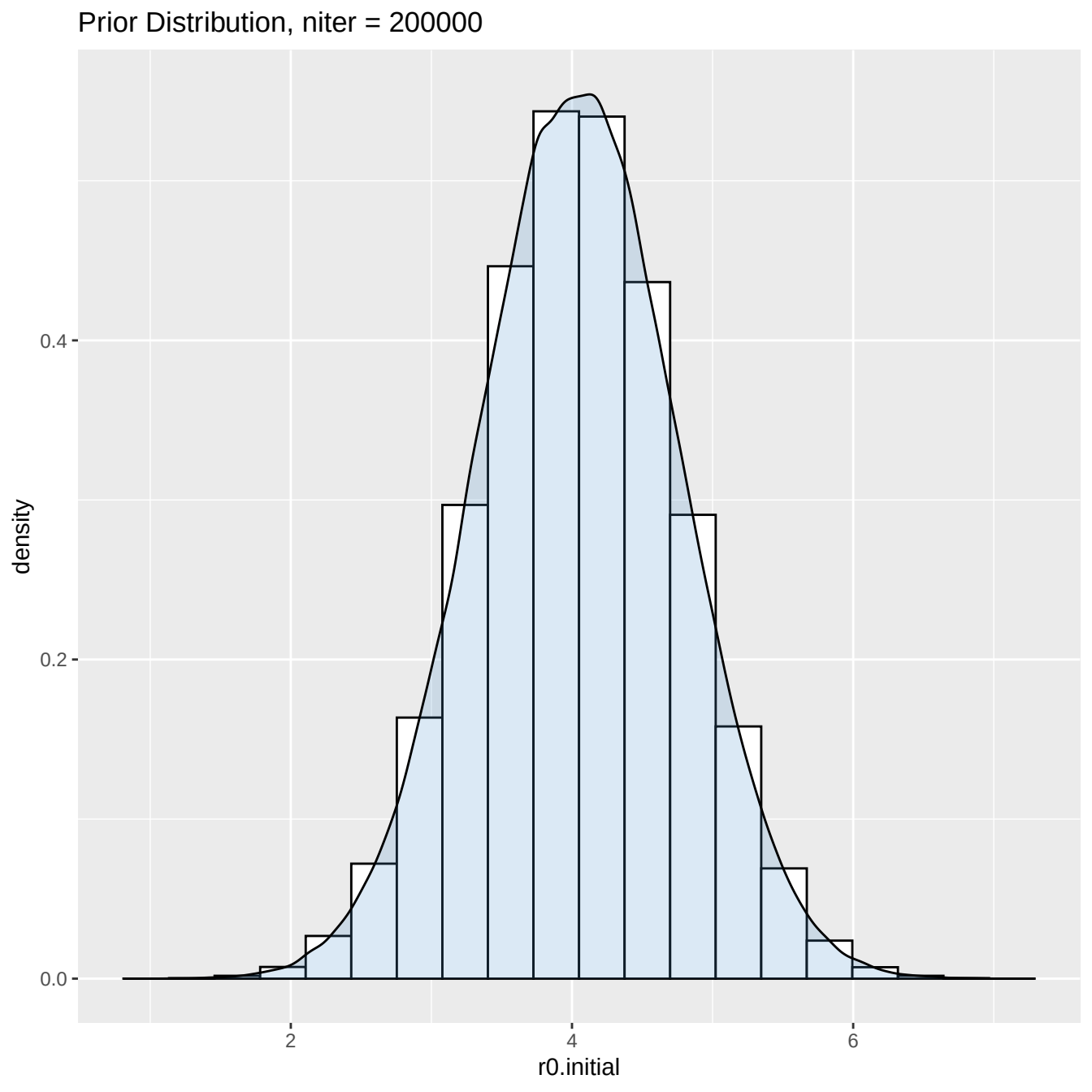
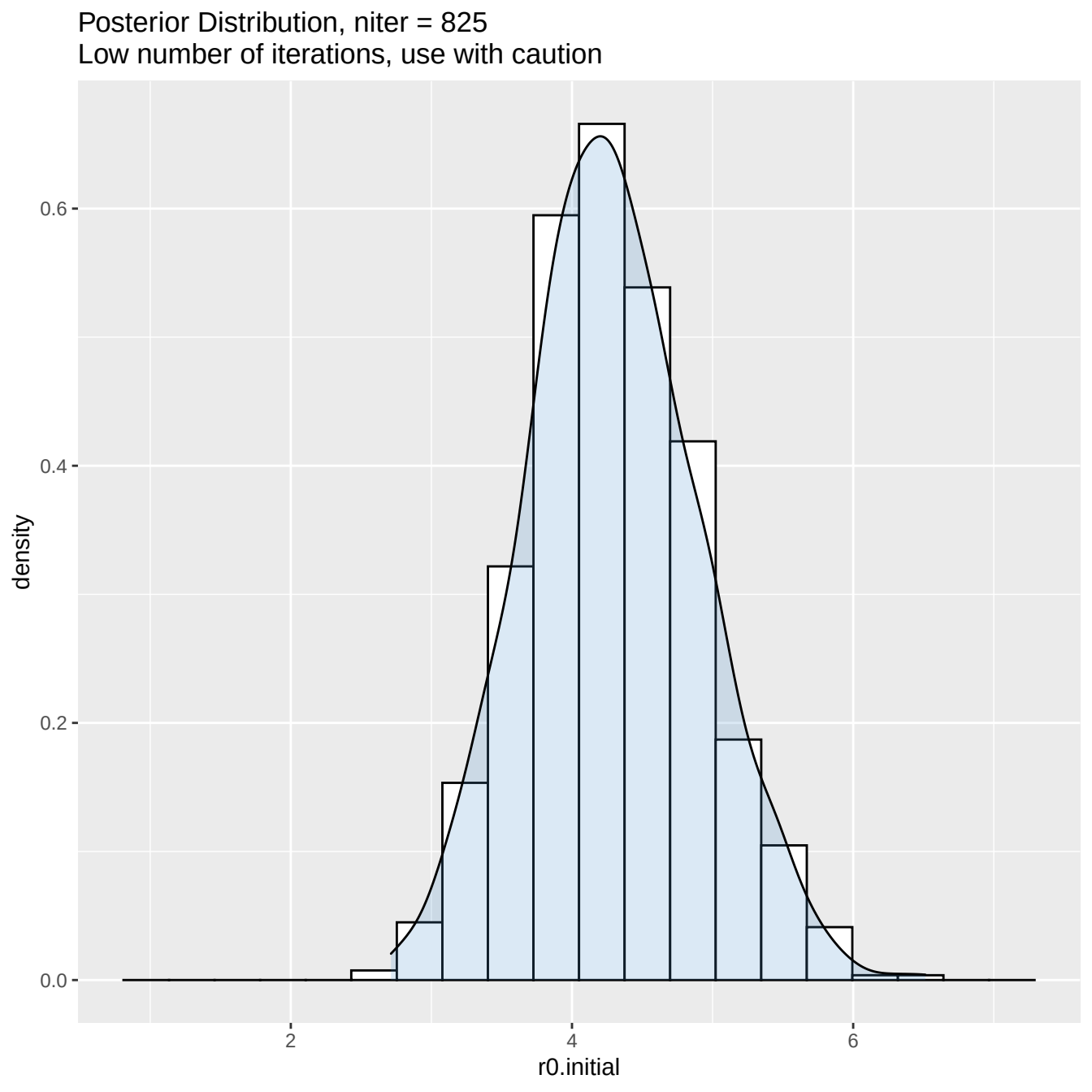
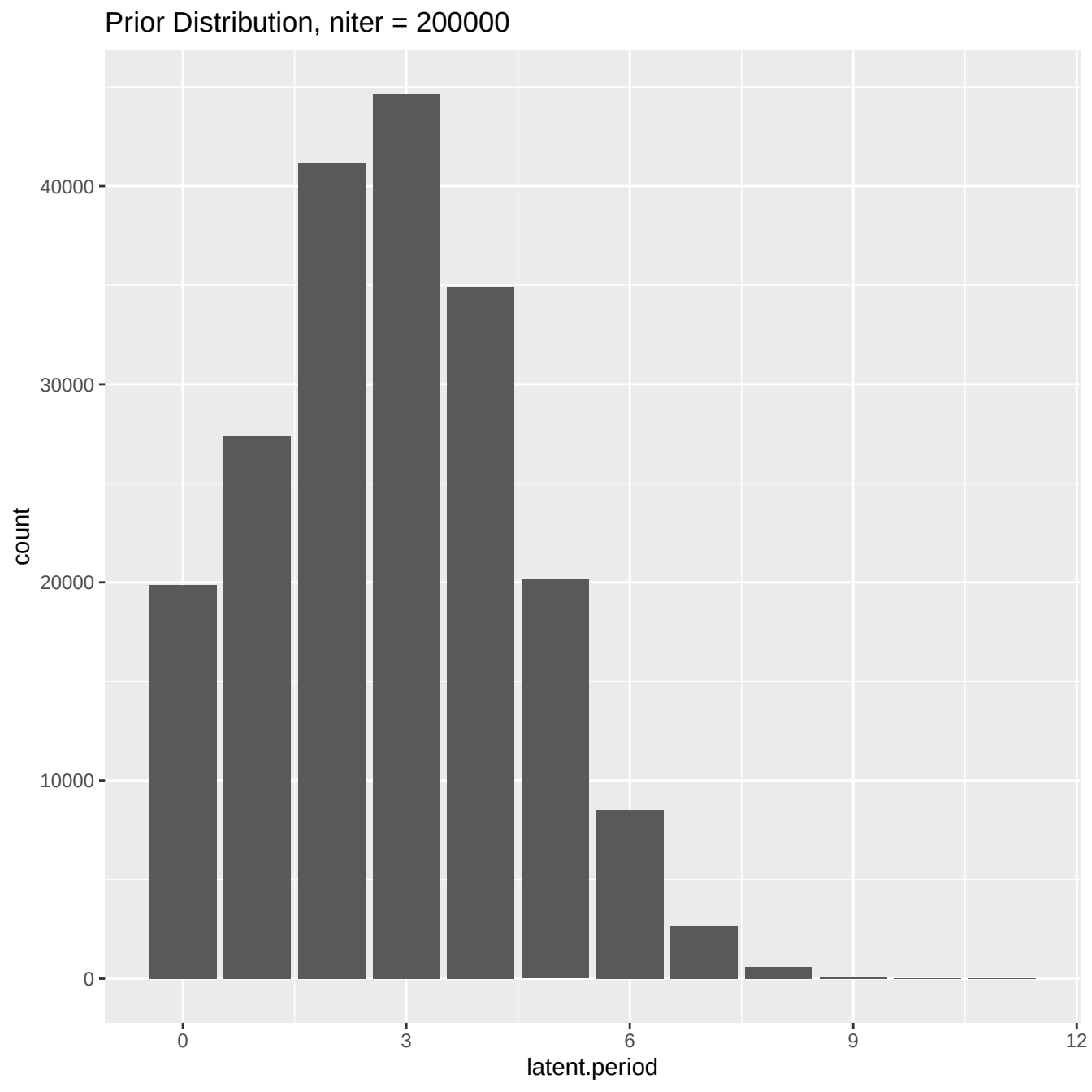

Posterior Distribution, niter = 825
Low number of iterations, use with caution
Hospitalizations
100
50
0
Apr
May
Jun
Date
Projections
Median
Best Guess
Data
Upper Bound
Lower Bound
Range
5%−95%
15%−85%
25%−75%
Upper Bound and Lower Bound are from "Hospitalization Data" sheet in Excel input

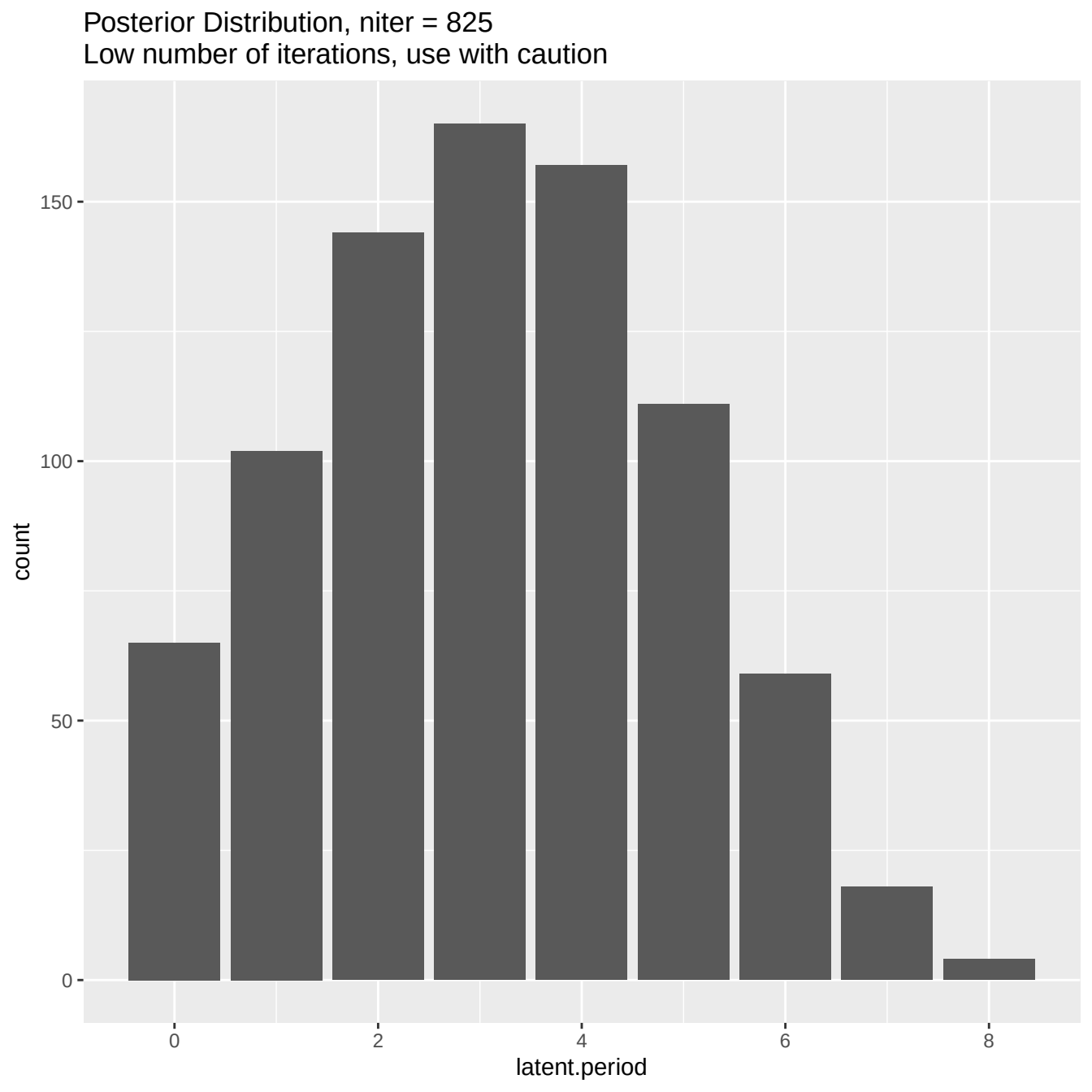

Prior Distribution, niter = 200000
density
1.0
0.5
0.0
0
1
2
3
currentRe

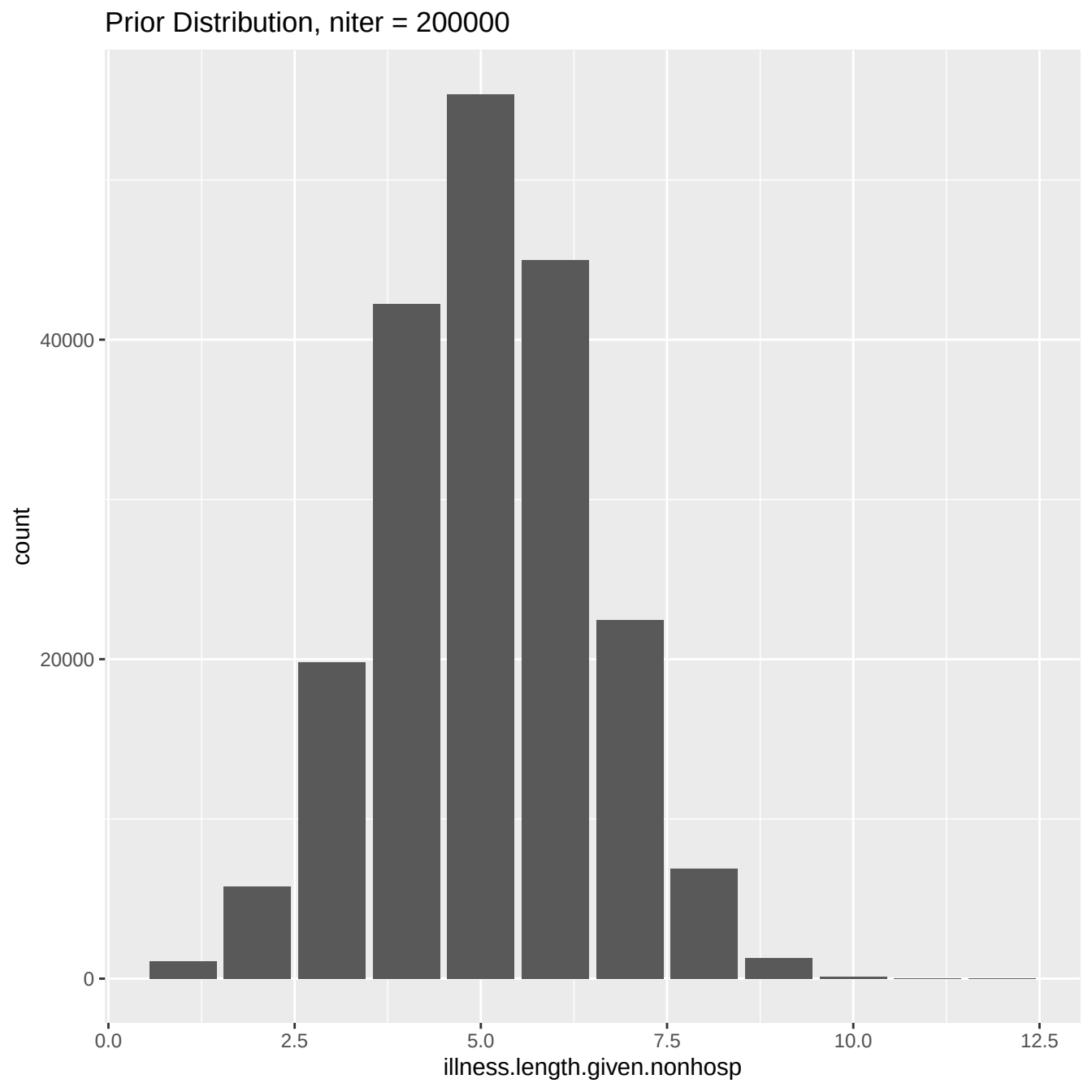

Posterior Distribution, niter = 825
Low number of iterations, use with caution
density
currentRe
0
1
2
3
4
5
0
1
2
3

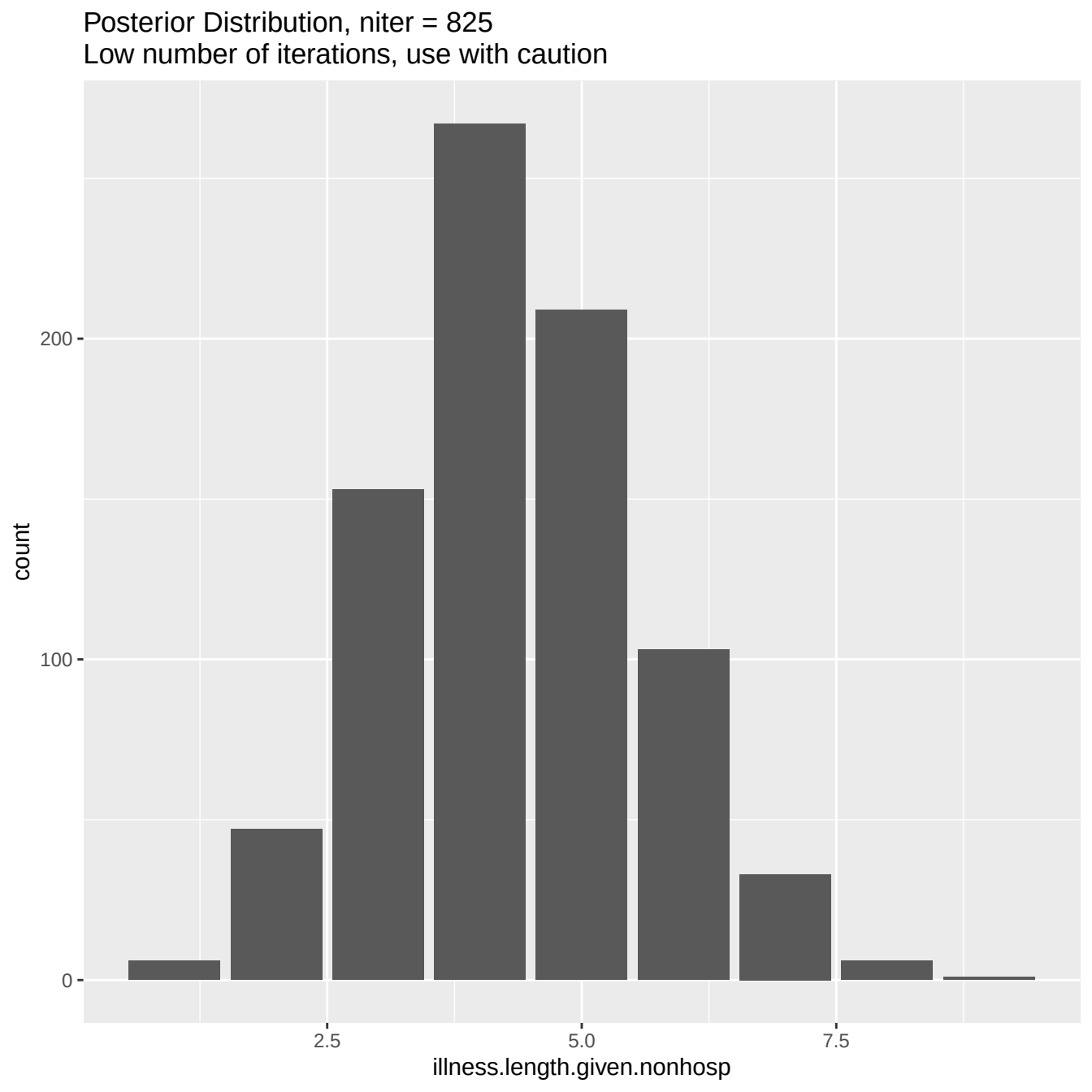

Prior Distribution, niter = 200000
density
0.0
0.2
0.4
2
4
6
r0.initial

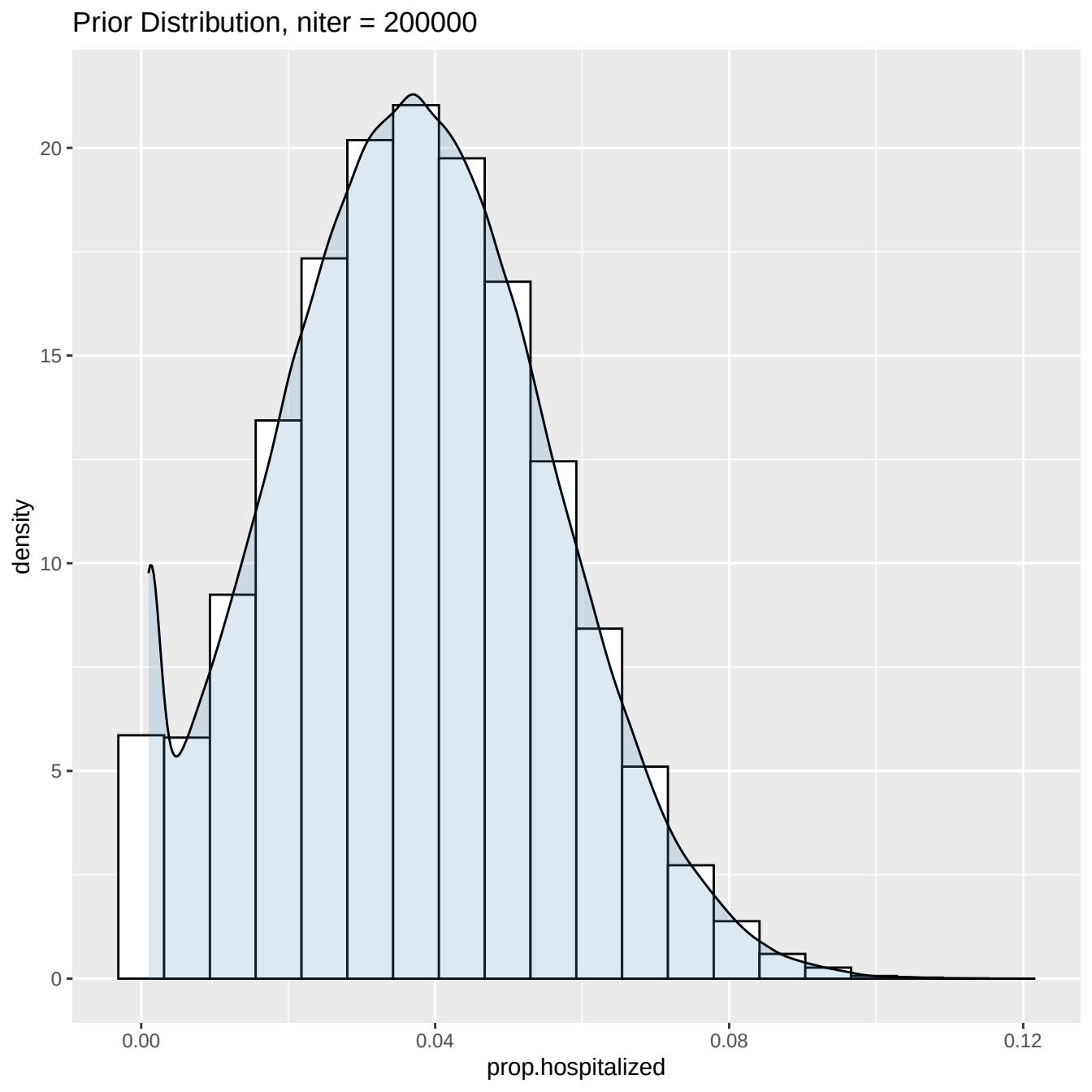

Posterior Distribution, niter = 825
Low number of iterations, use with caution
density
0.0
0.2
0.4
0.6
2
4
6
r0.initial

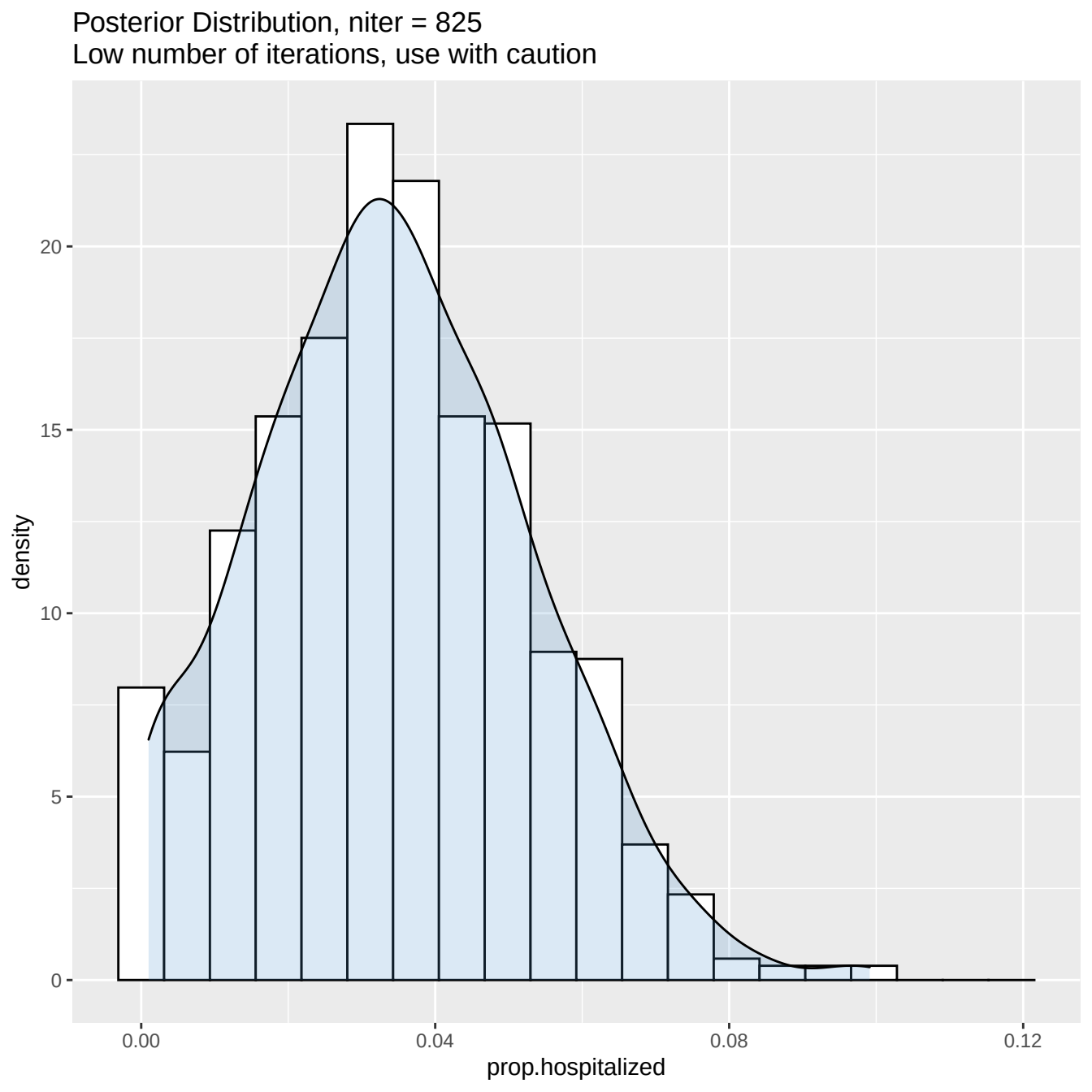

Prior Distribution, niter = 200000
count
40000
30000
20000
10000
0
0
3
6
9
12
latent.period

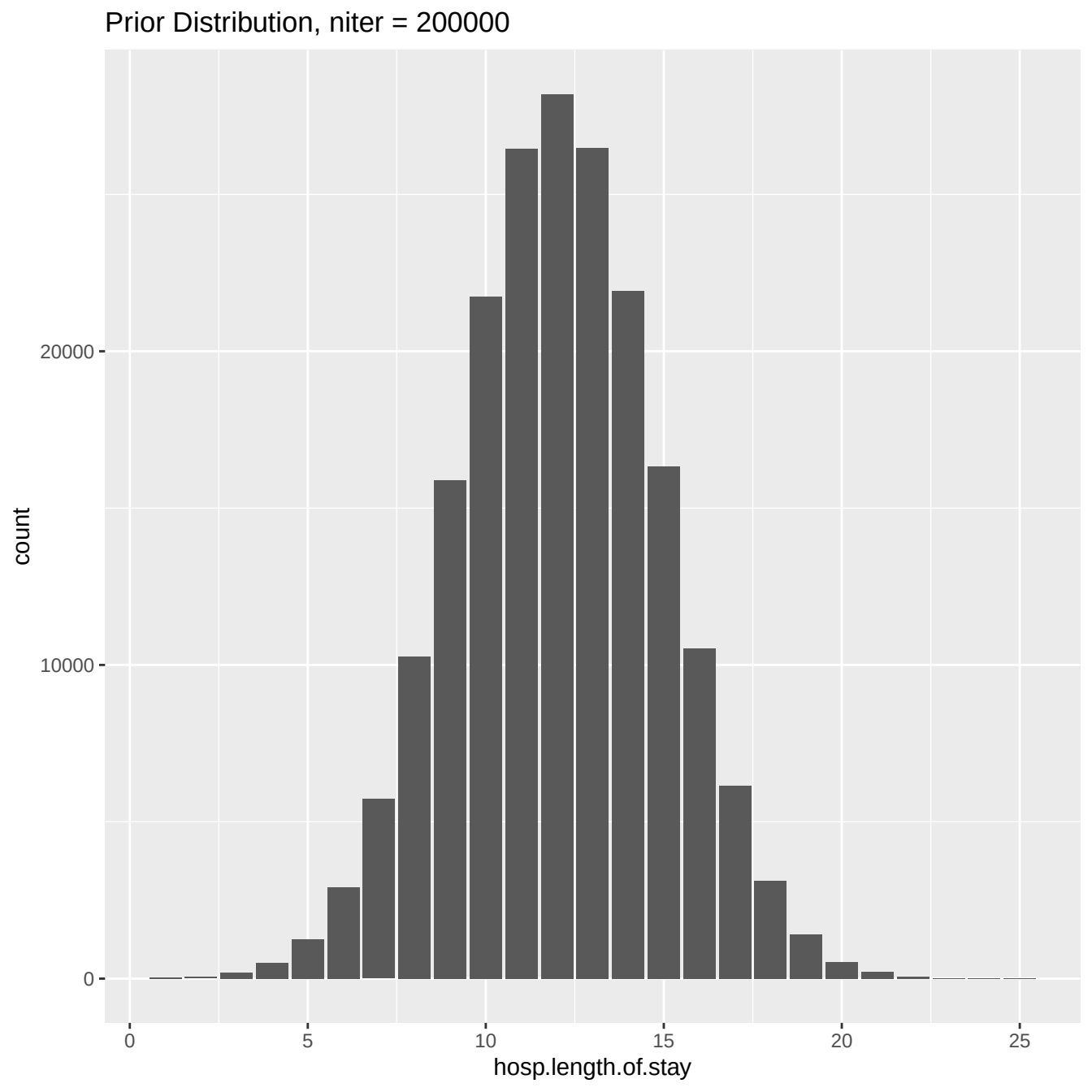

Posterior Distribution, niter = 825
Low number of iterations, use with caution
count
150
100
50
0
0
2
4
6
8
latent.period

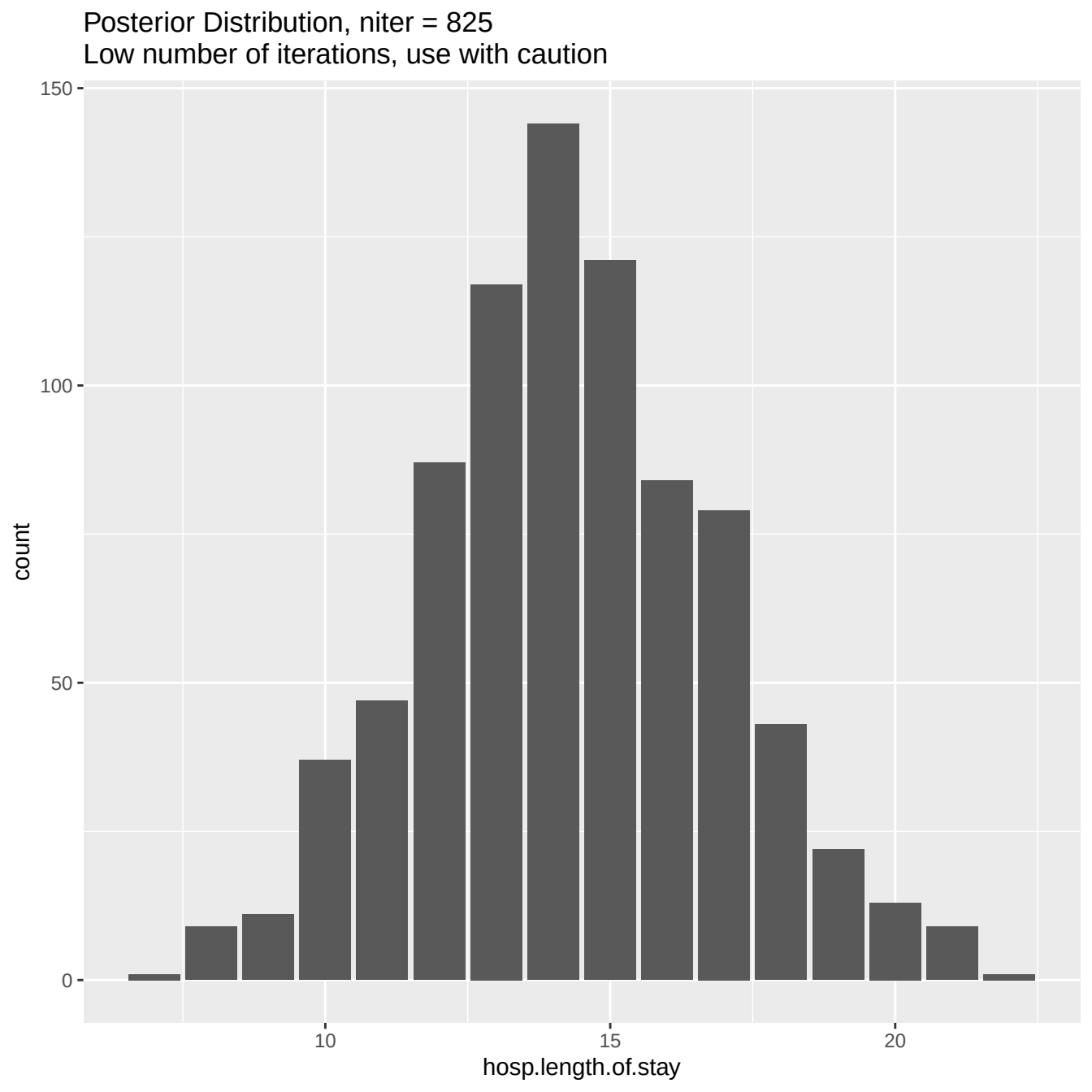

Prior Distribution, niter = 200000
count
40000
20000
0
0.0
2.5
5.0
7.5
10.0
12.5
illness.length.given.nonhosp

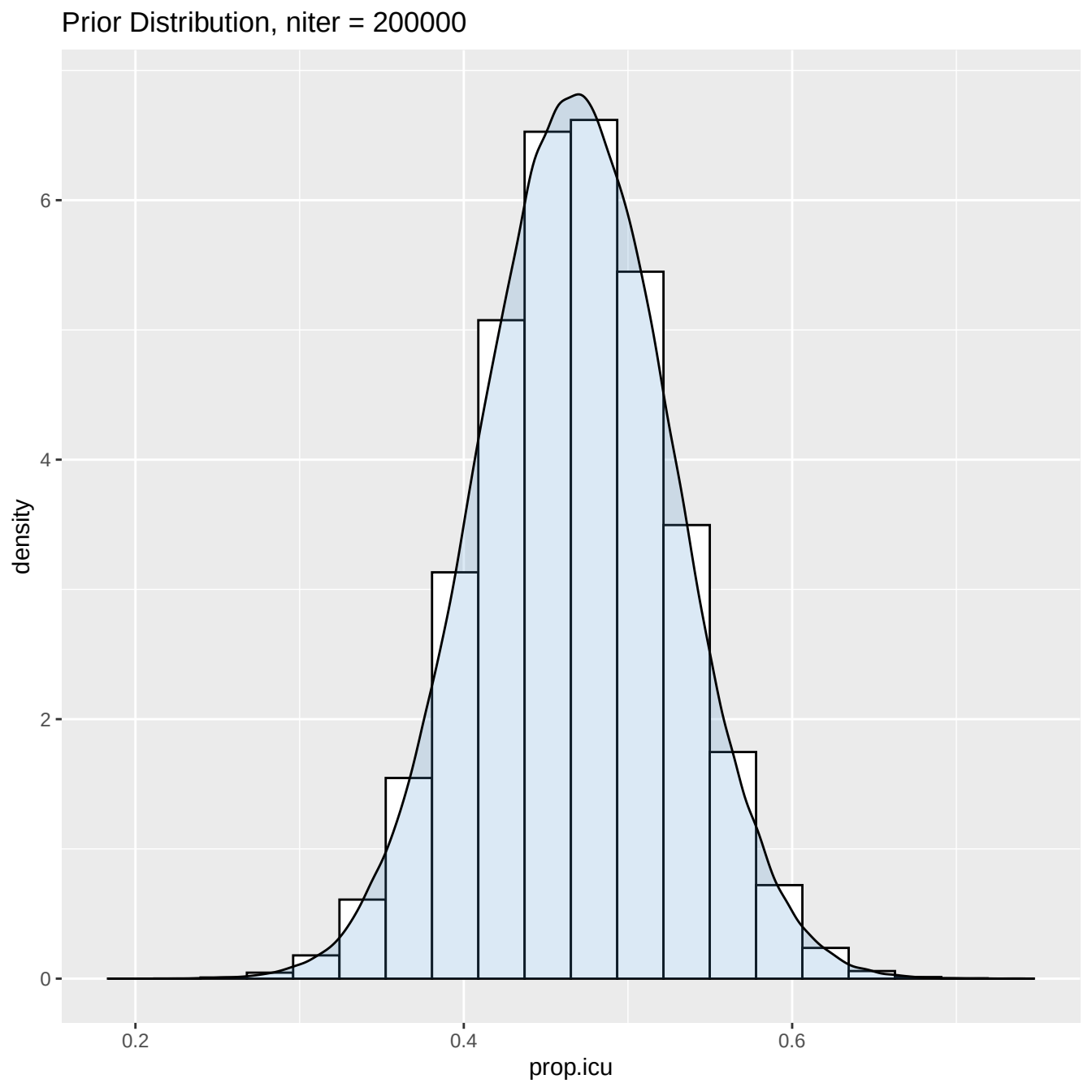

Posterior Distribution, niter = 825
Low number of iterations, use with caution
count
200
100
0
2.5
5.0
7.5
illness.length.given.nonhosp

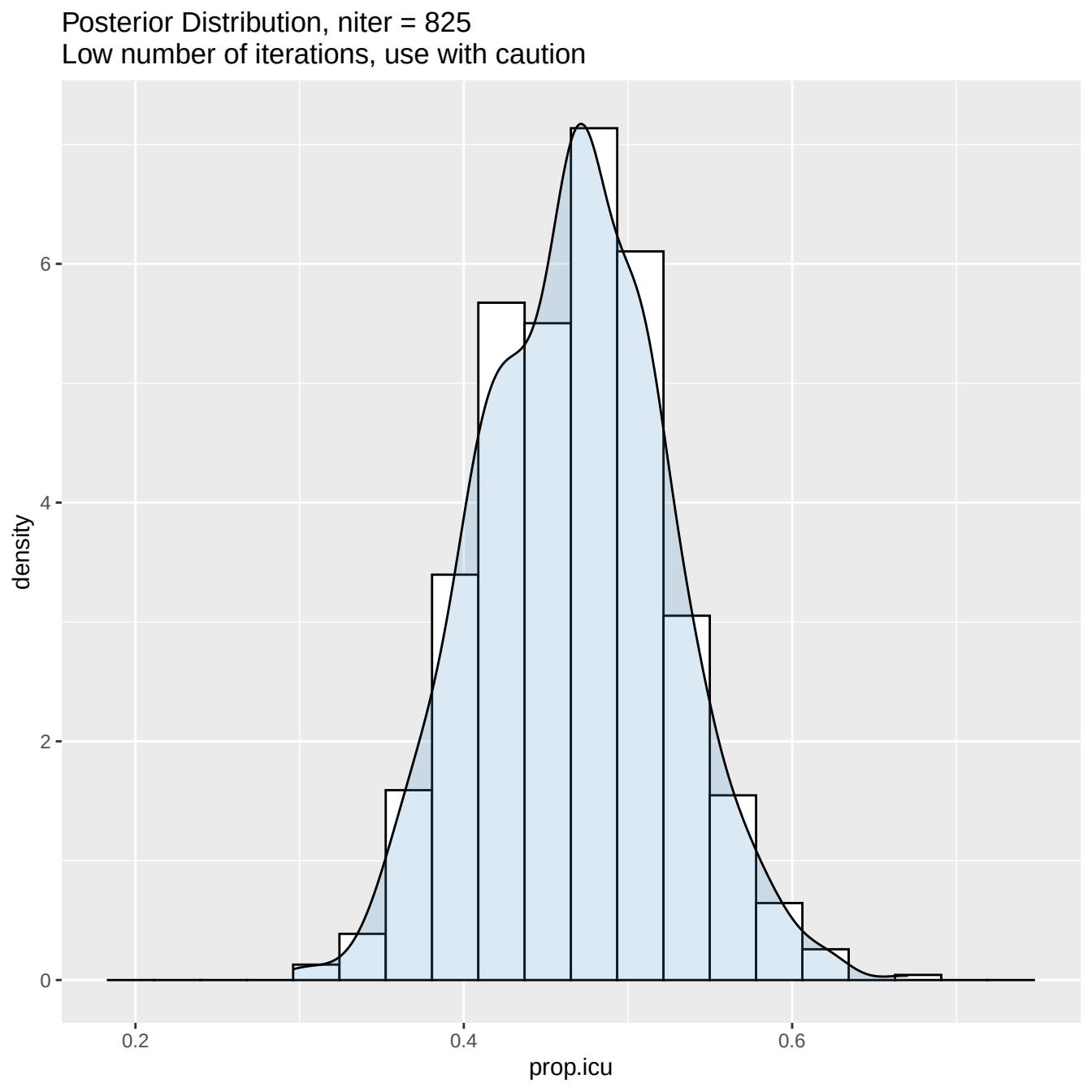

Prior Distribution, niter = 200000
density
20
15
10
5
0
0.00
0.04
0.08
0.12
prop.hospitalized

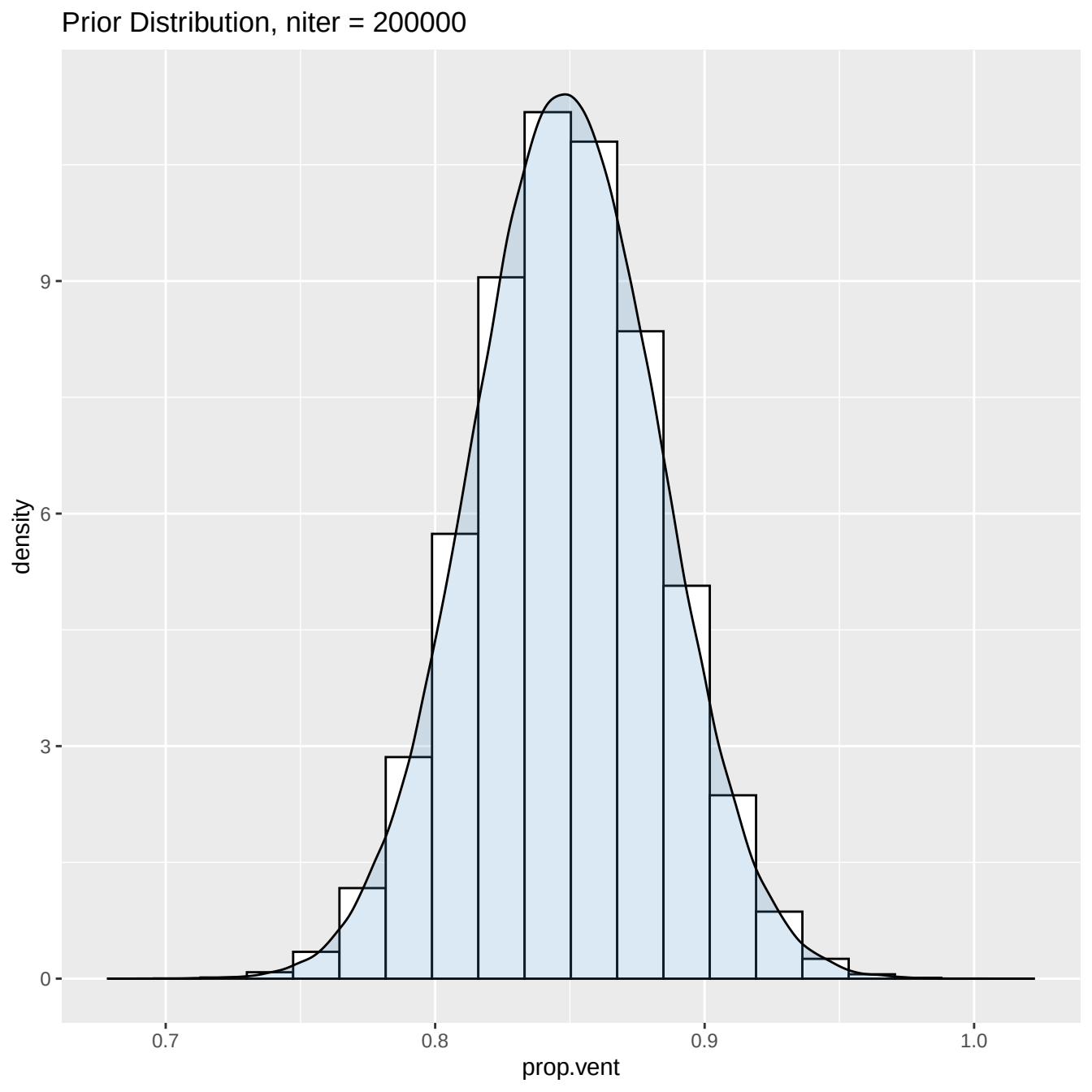

Posterior Distribution, niter = 825
Low number of iterations, use with caution
density
0
5
10
15
20
0.00
0.04
0.08
0.12
prop.hospitalized

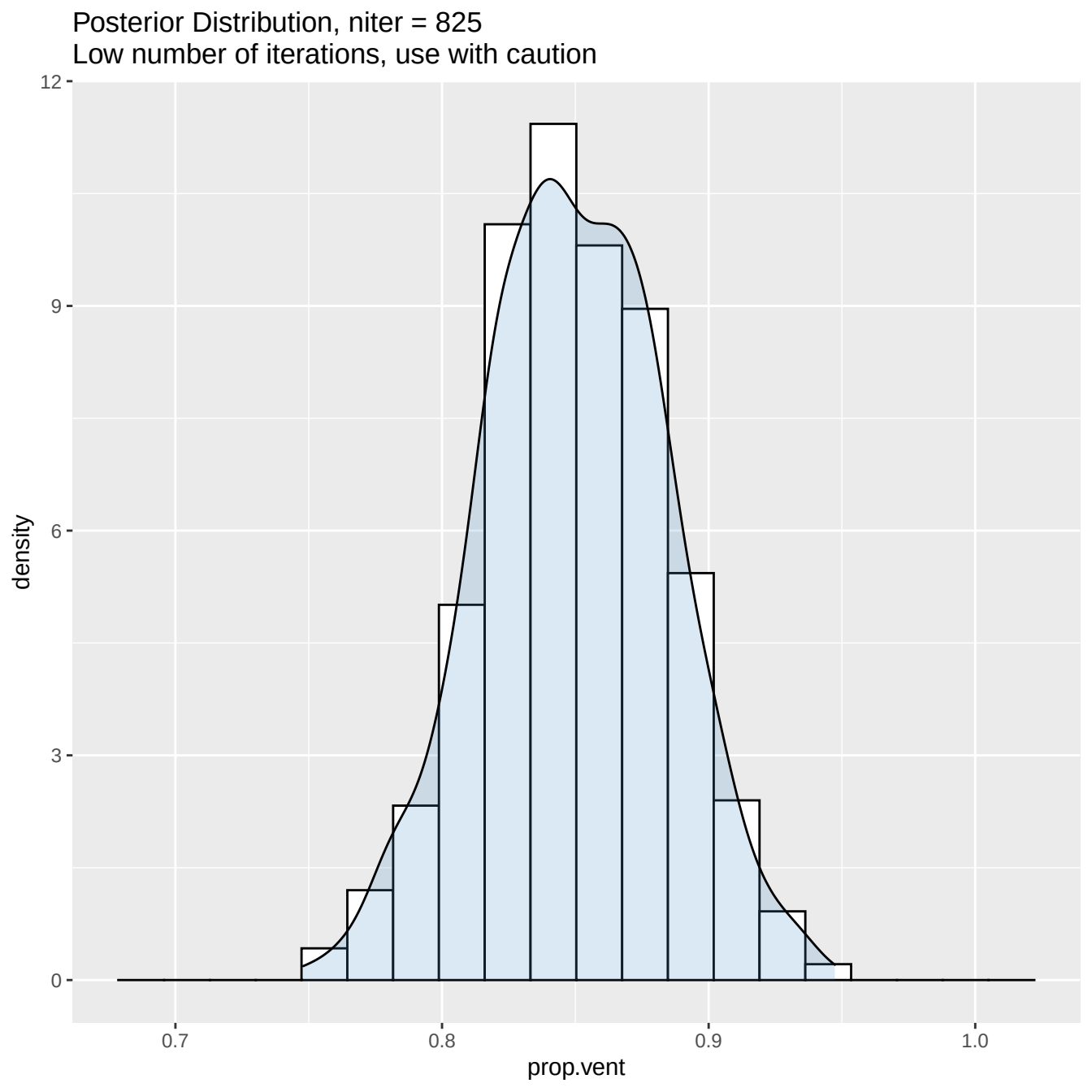

Prior Distribution, niter = 200000
count
20000
10000
0
0
5
10
15
20
25
hosp.length.of.stay

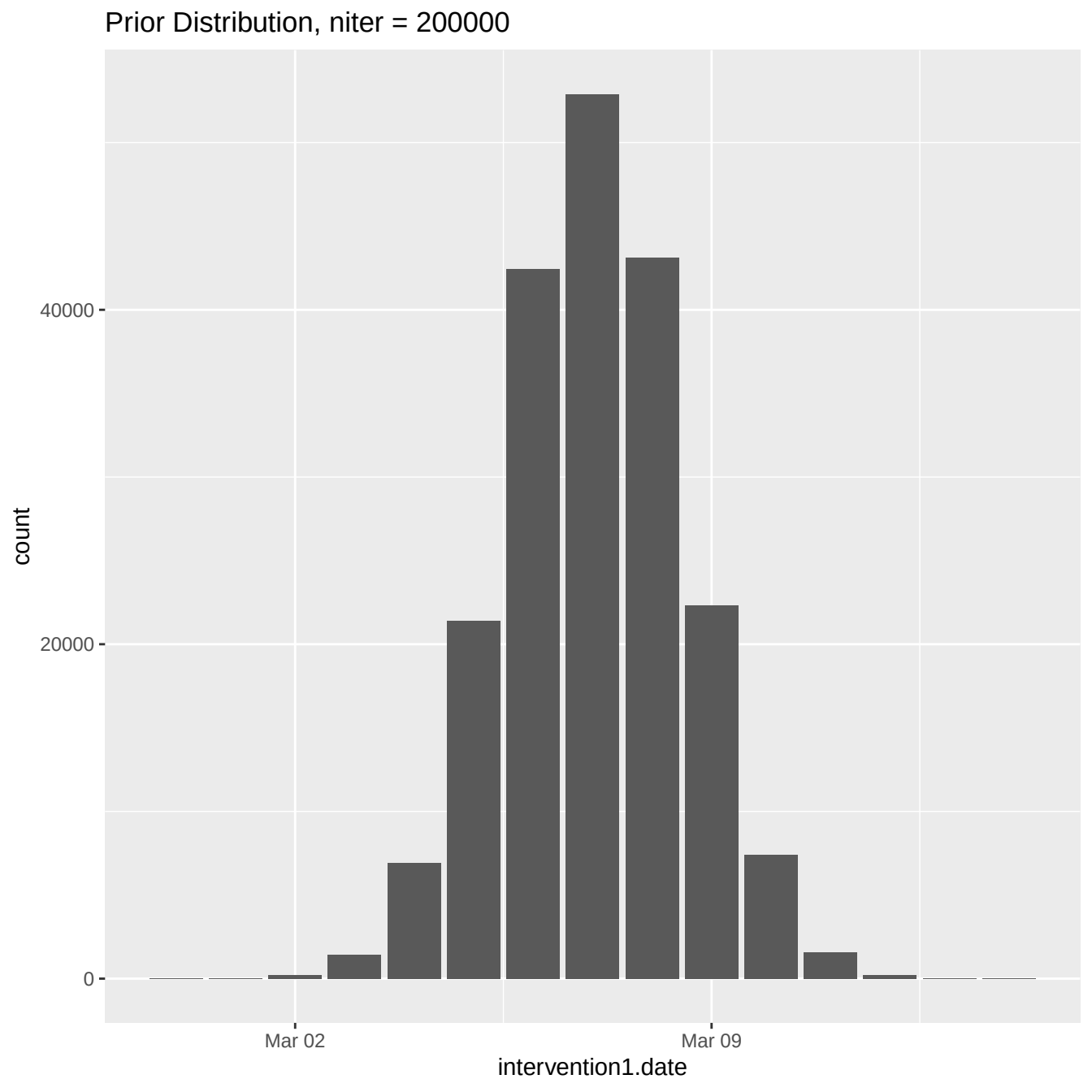

Posterior Distribution, niter = 825
Low number of iterations, use with caution
150
100
50
0
count
10
15
20
hosp.length.of.stay

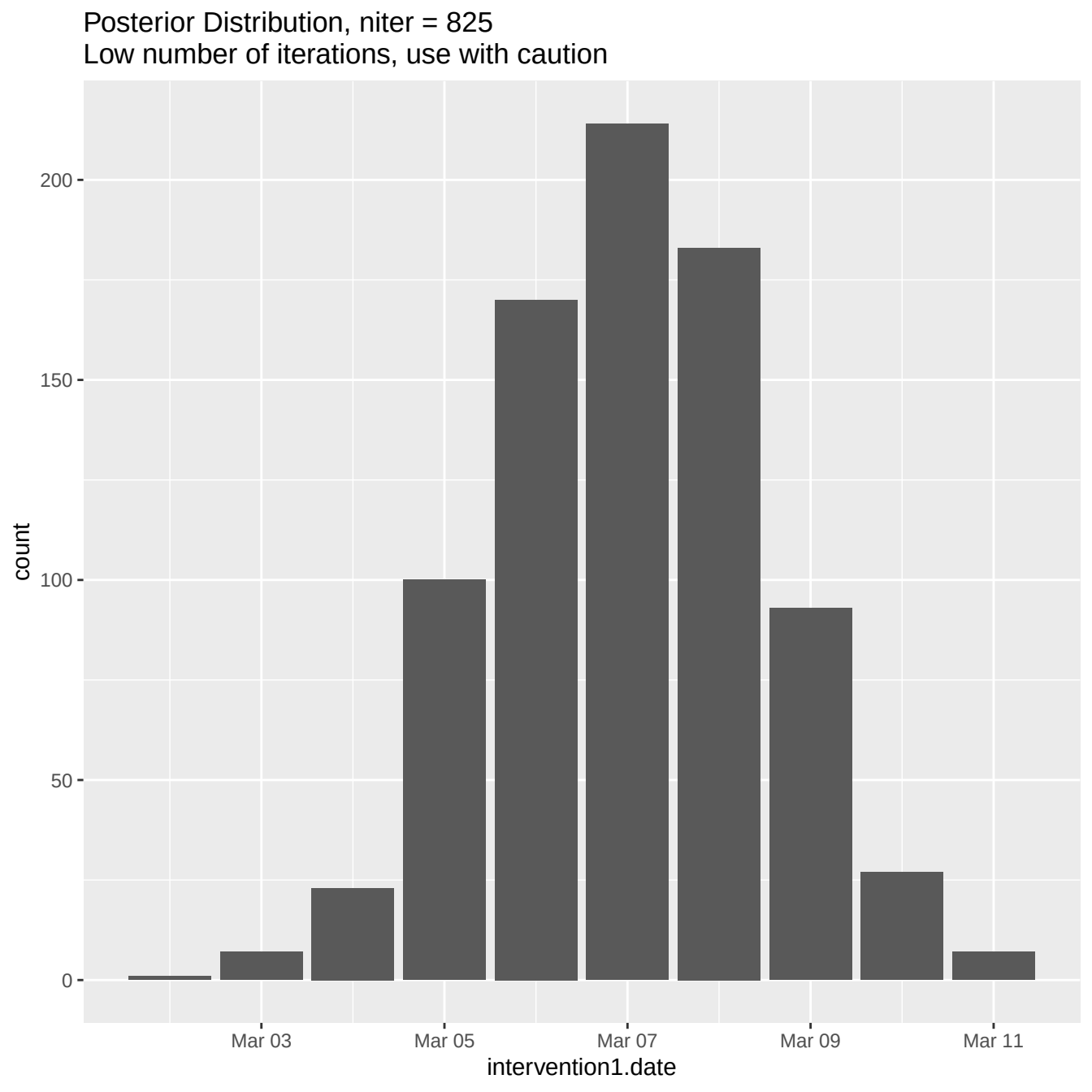

Prior Distribution, niter = 200000
density
0
2
4
6
0.2
0.4
0.6
prop.icu

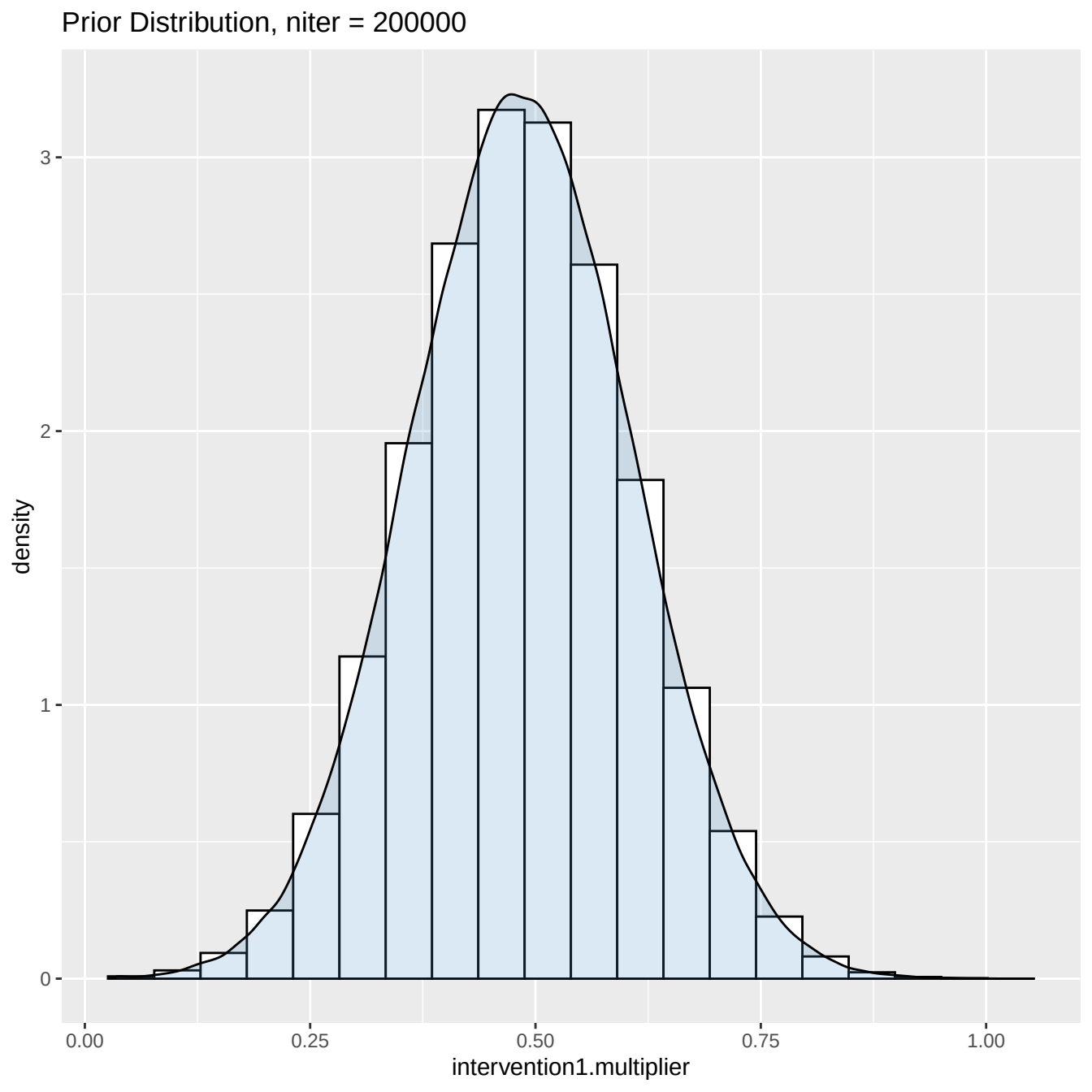

Posterior Distribution, niter = 825
Low number of iterations, use with caution
density
0
2
4
6
0.2
0.4
0.6
prop.icu

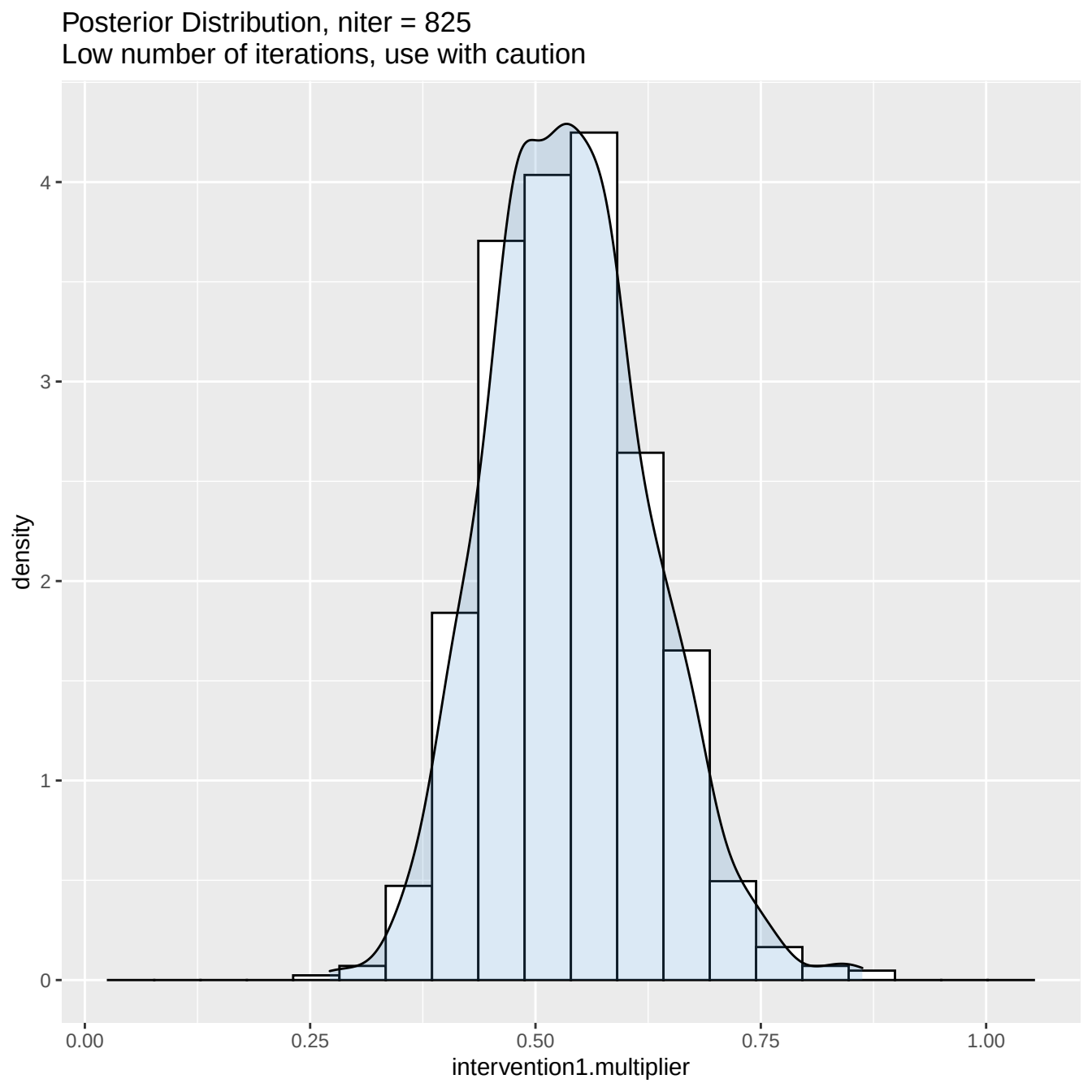

Prior Distribution, niter = 200000
density
9
6
3
0
0.7
0.8
0.9
1.0
prop.vent

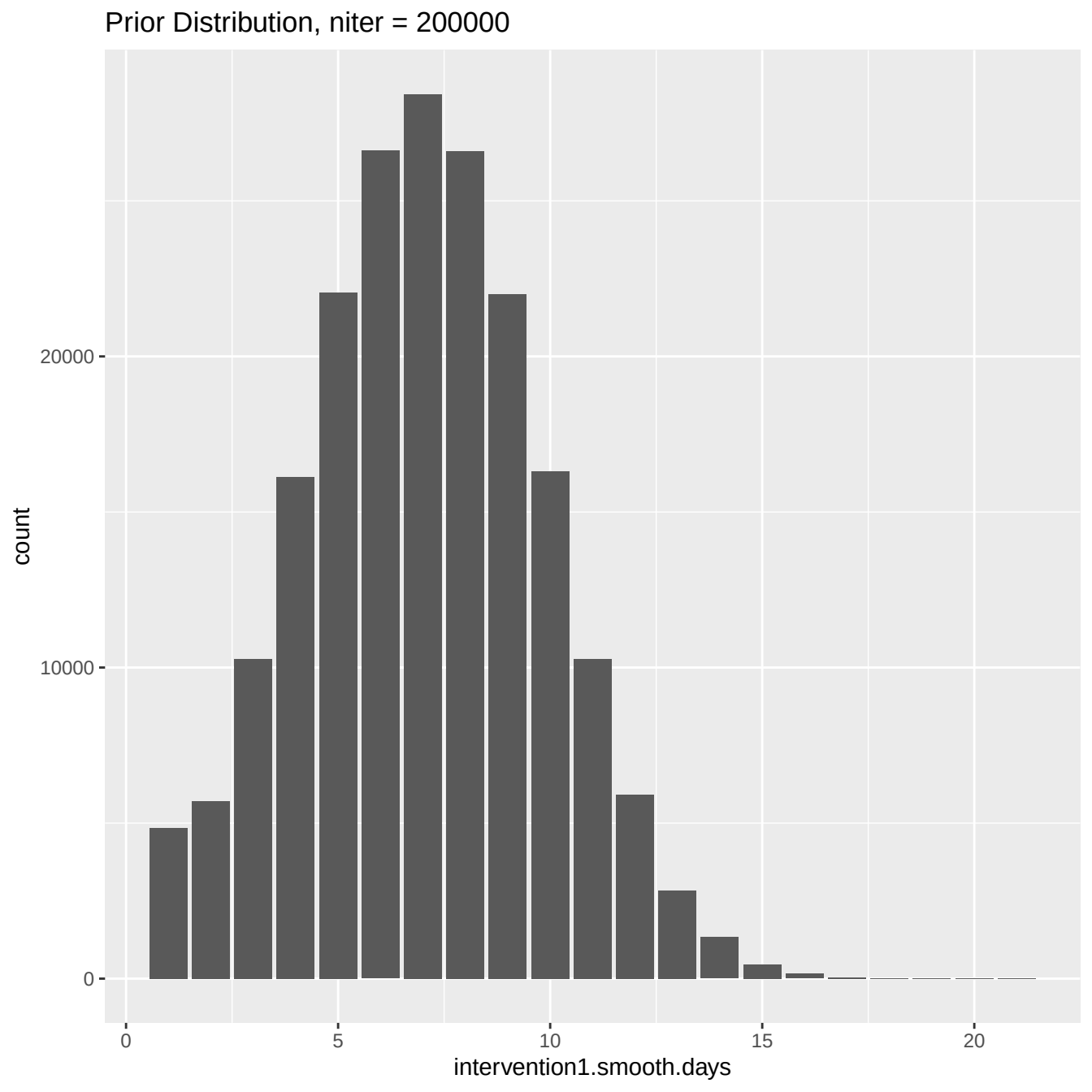

Posterior Distribution, niter = 825
Low number of iterations, use with caution
12
9
6
3
0
density
0.7
0.8
0.9
1.0
prop.vent

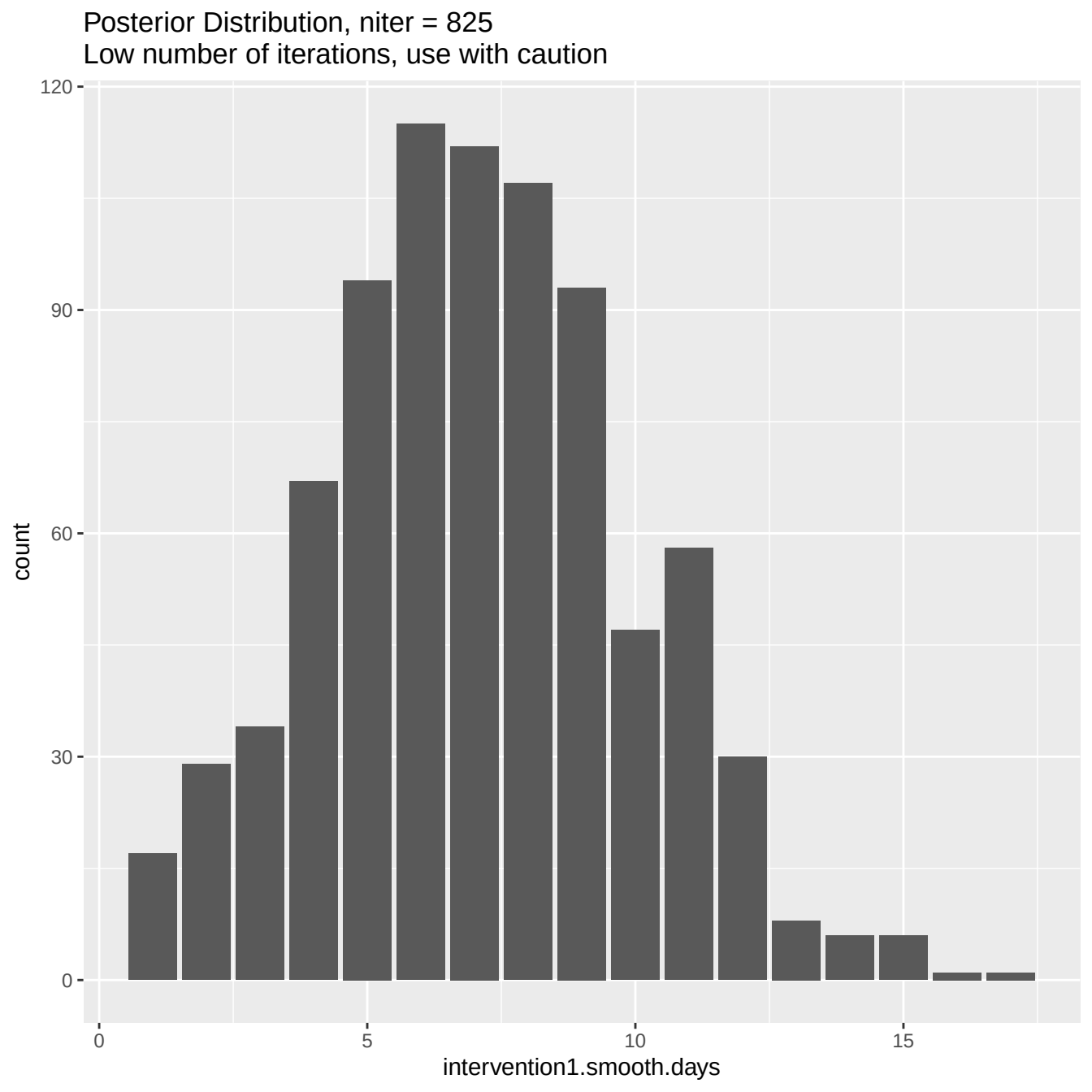

Prior Distribution, niter = 200000
40000
20000
0
count
Mar 02
Mar 09
intervention1.date

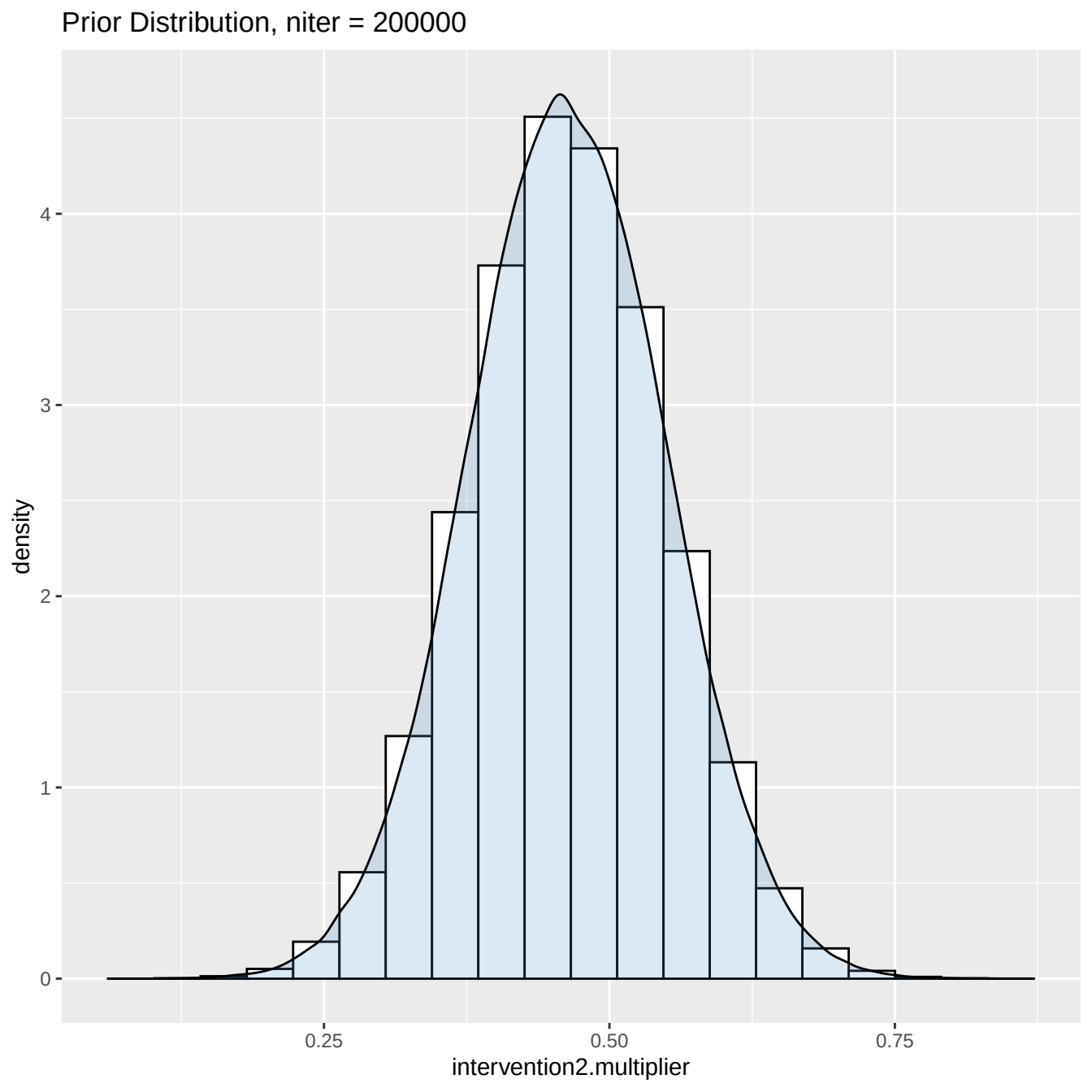

Posterior Distribution, niter = 825
Low number of iterations, use with caution
count
200
150
100
50
0
Mar 03
Mar 05
Mar 07
Mar 09
Mar 11
intervention1.date

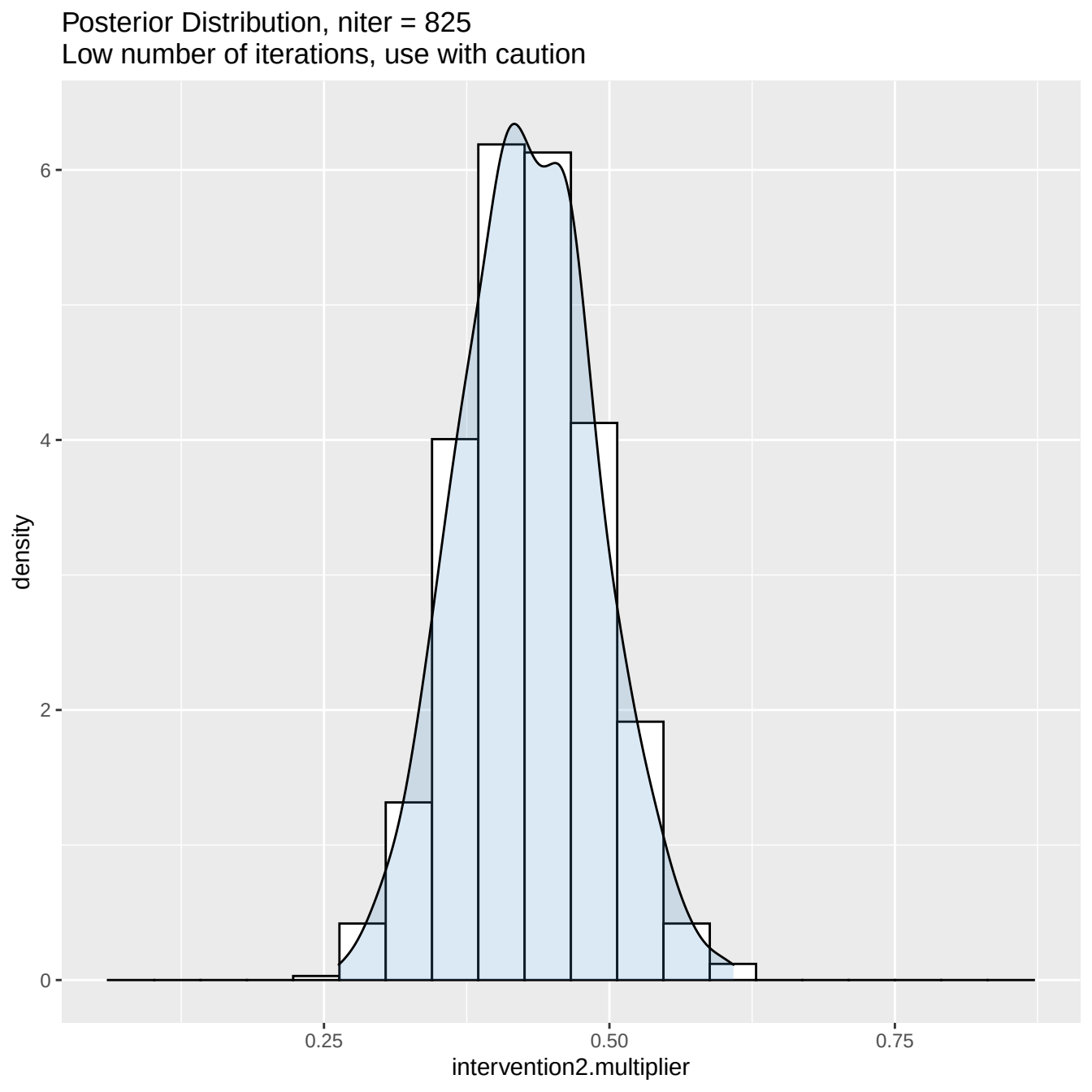

Prior Distribution, niter = 200000
density
3
2
1
0
0.00
0.25
0.50
0.75
1.00
intervention1.multiplier

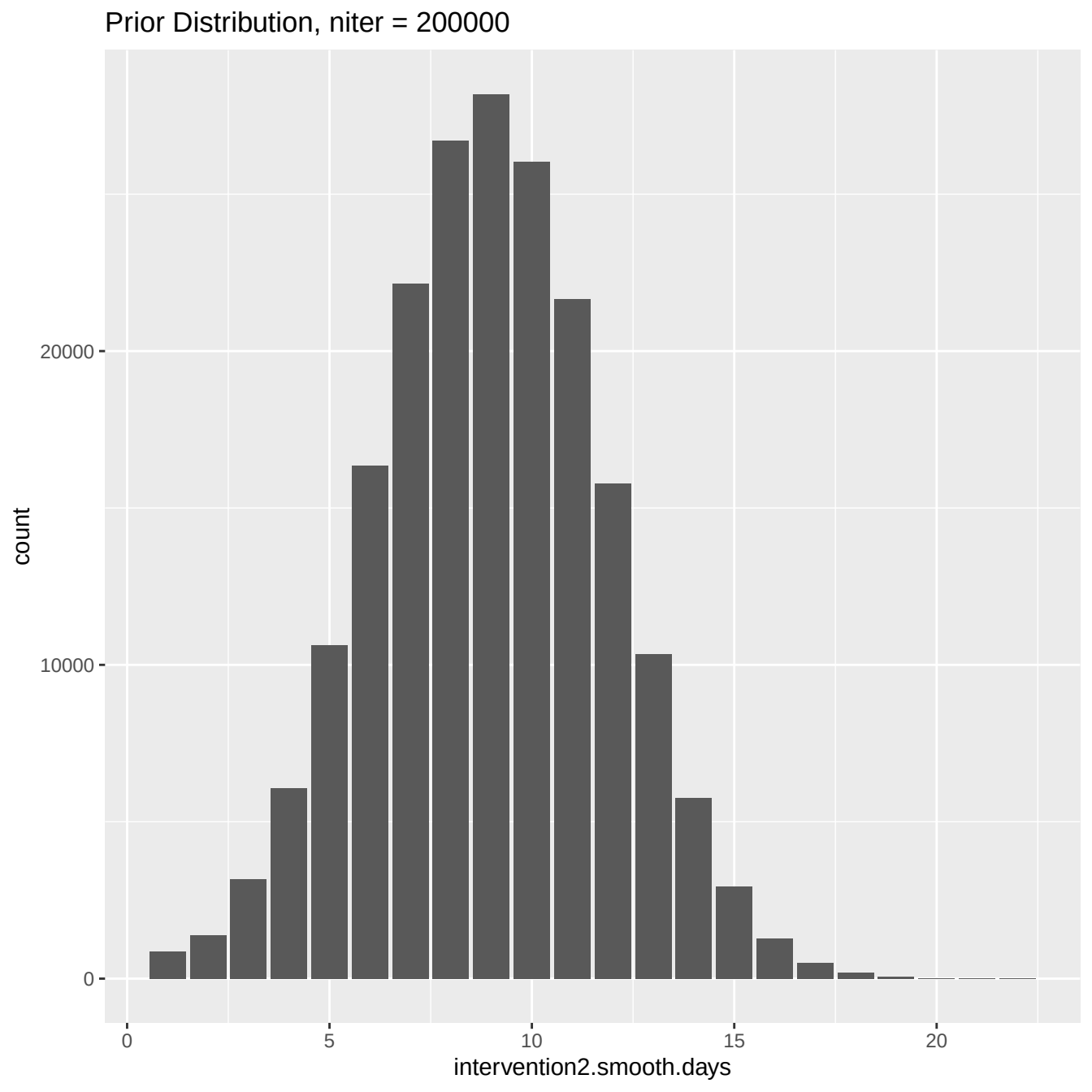

Posterior Distribution, niter = 825
Low number of iterations, use with caution
density
0
1
2
3
4
0.00
0.25
0.50
0.75
1.00
intervention1.multiplier

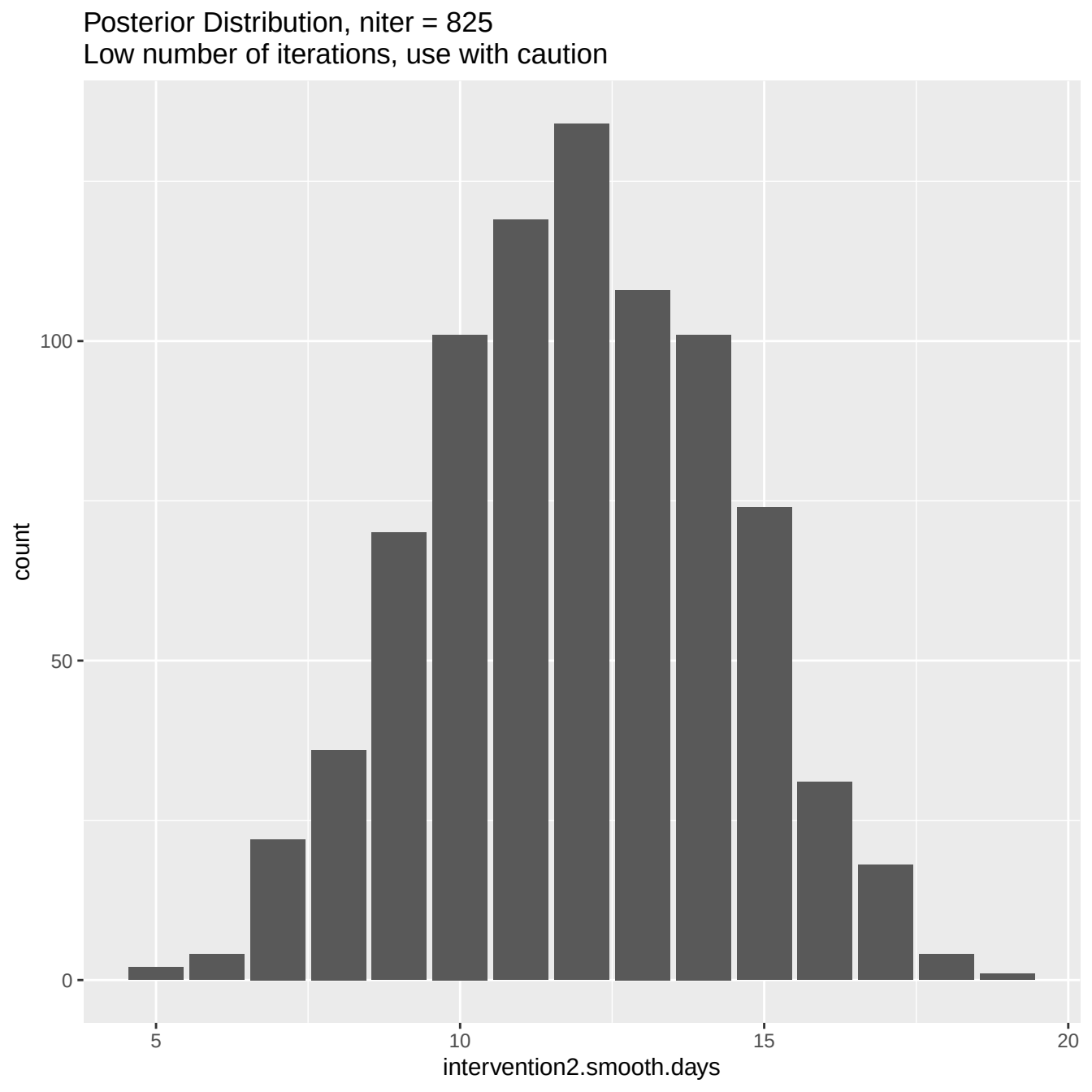

Prior Distribution, niter = 200000
count
20000
10000
0
0
5
10
15
20
intervention1.smooth.days

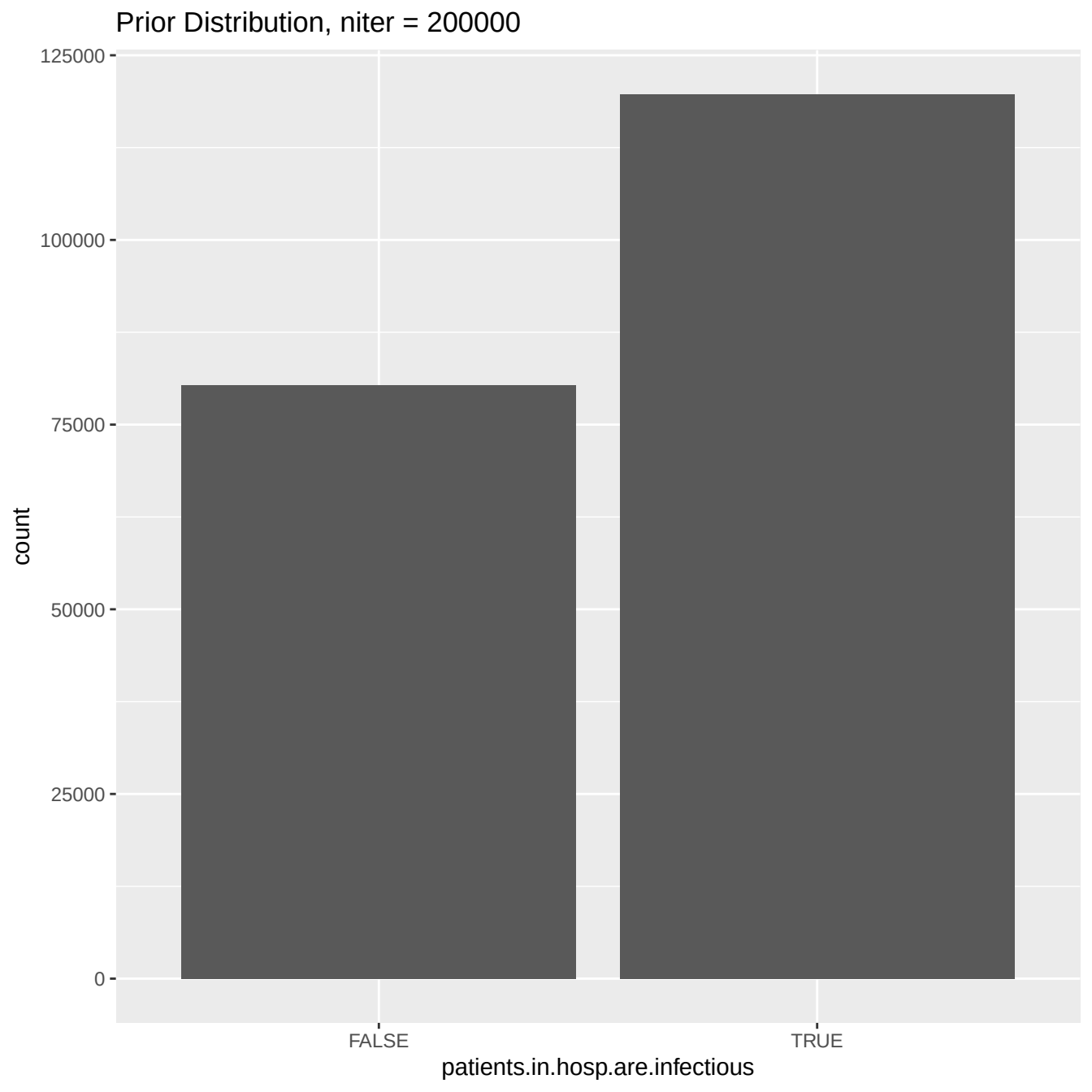

Posterior Distribution, niter = 825
Low number of iterations, use with caution
120
90
60
30
0
count
0
5
10
15
intervention1.smooth.days

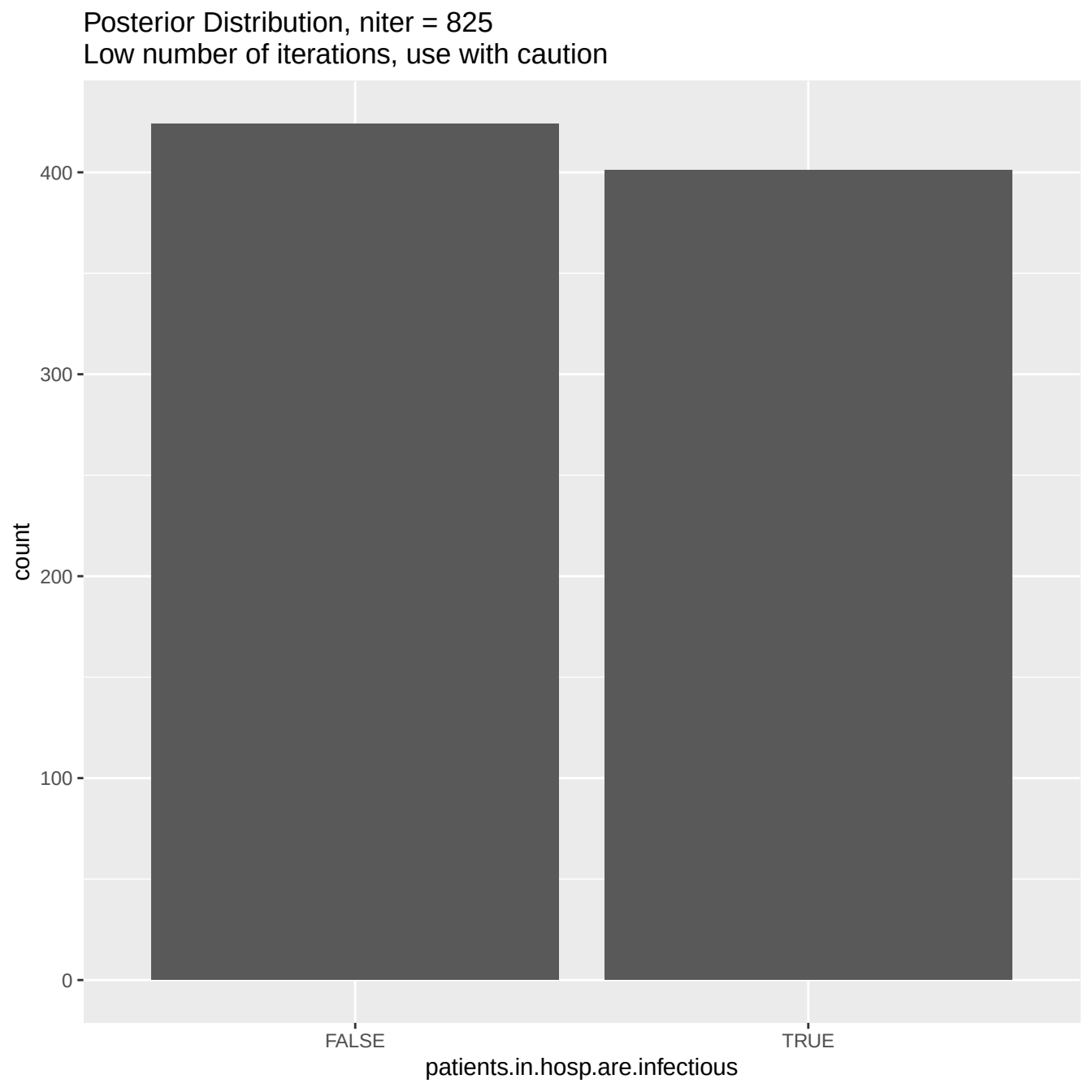

Prior Distribution, niter = 200000
density
0
1
2
3
4
0.25
0.50
0.75
intervention2.multiplier

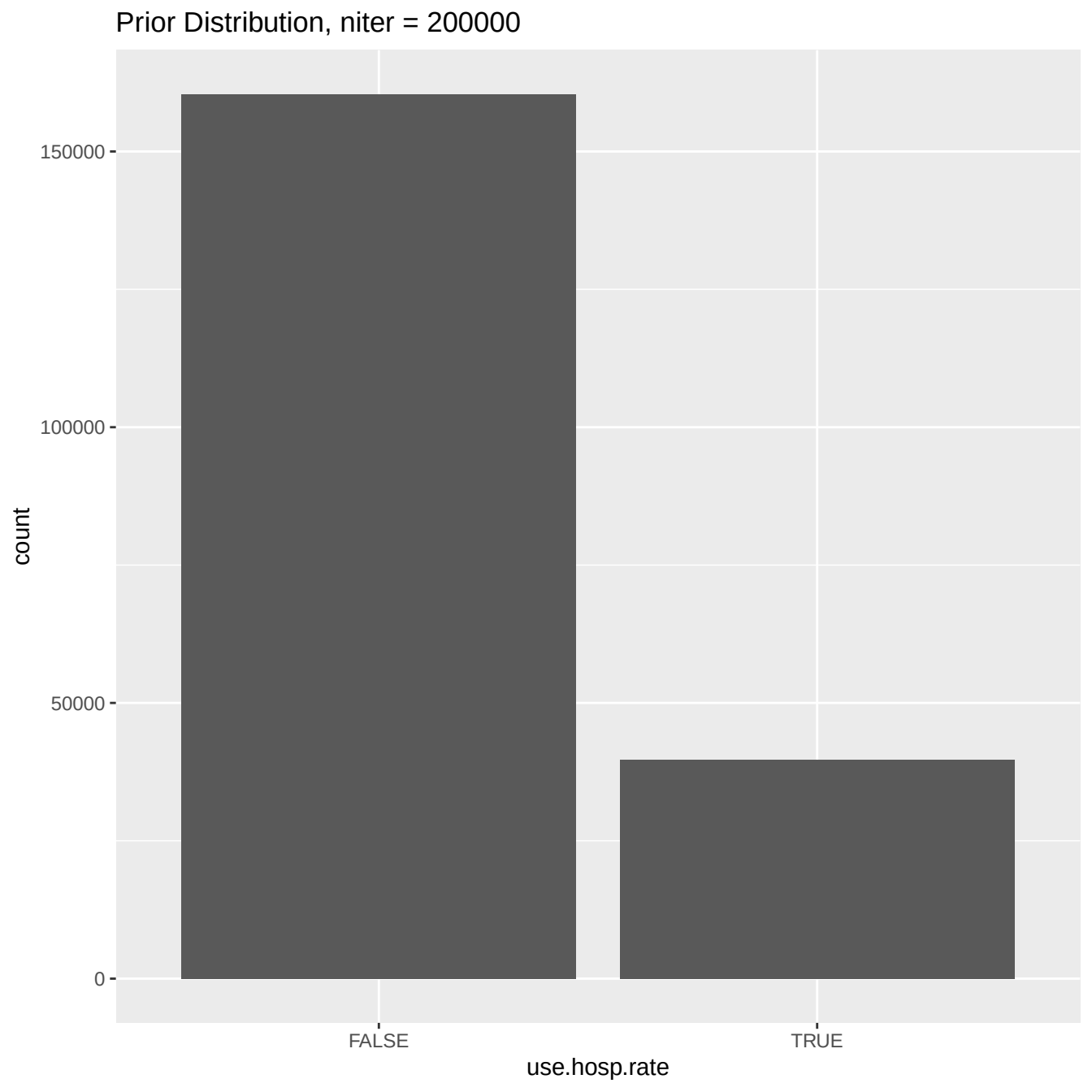

Posterior Distribution, niter = 825
Low number of iterations, use with caution
density
6
4
2
0
0.25
0.50
0.75
intervention2.multiplier

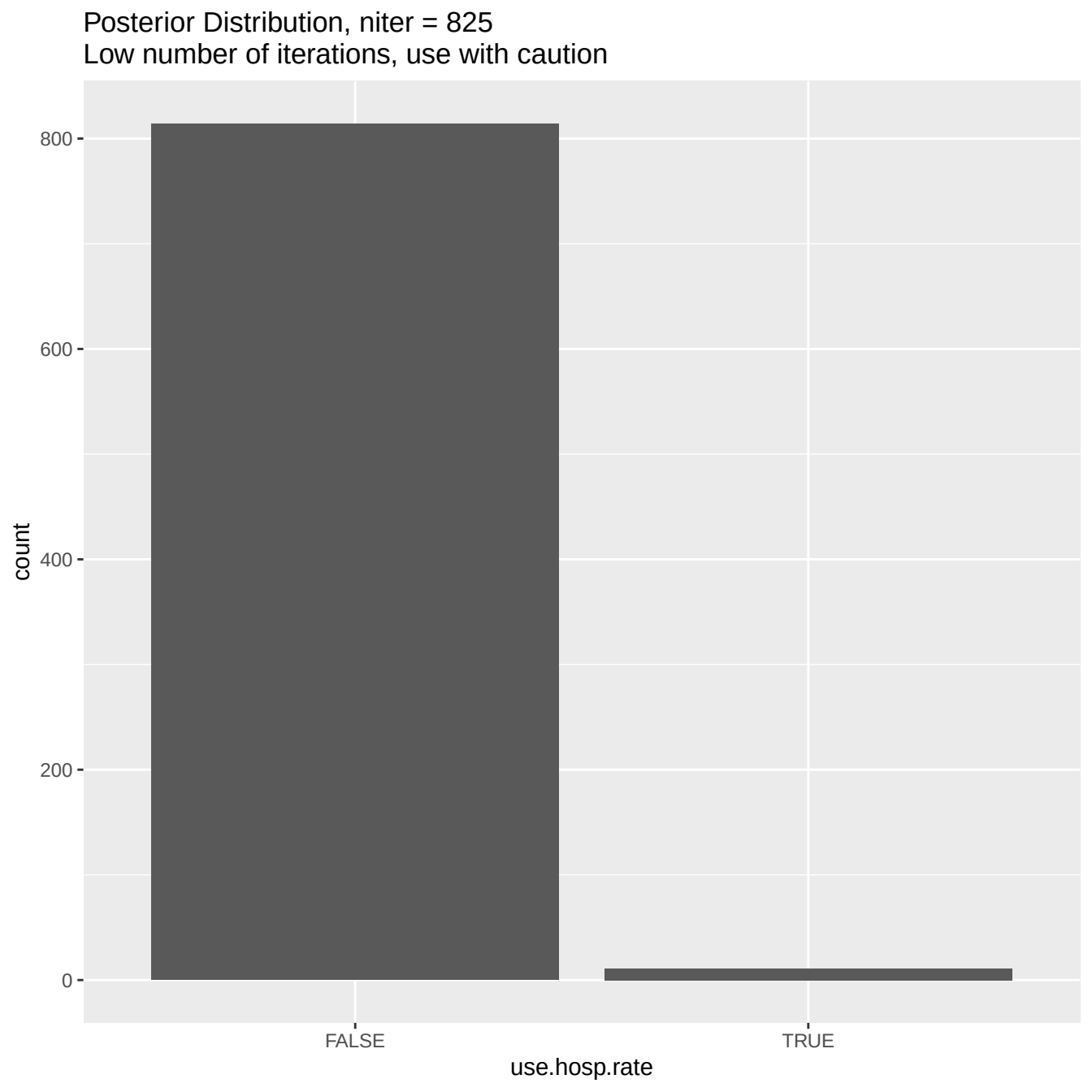

Prior Distribution, niter = 200000
count
20000
10000
0
0
5
10
15
20
intervention2.smooth.days

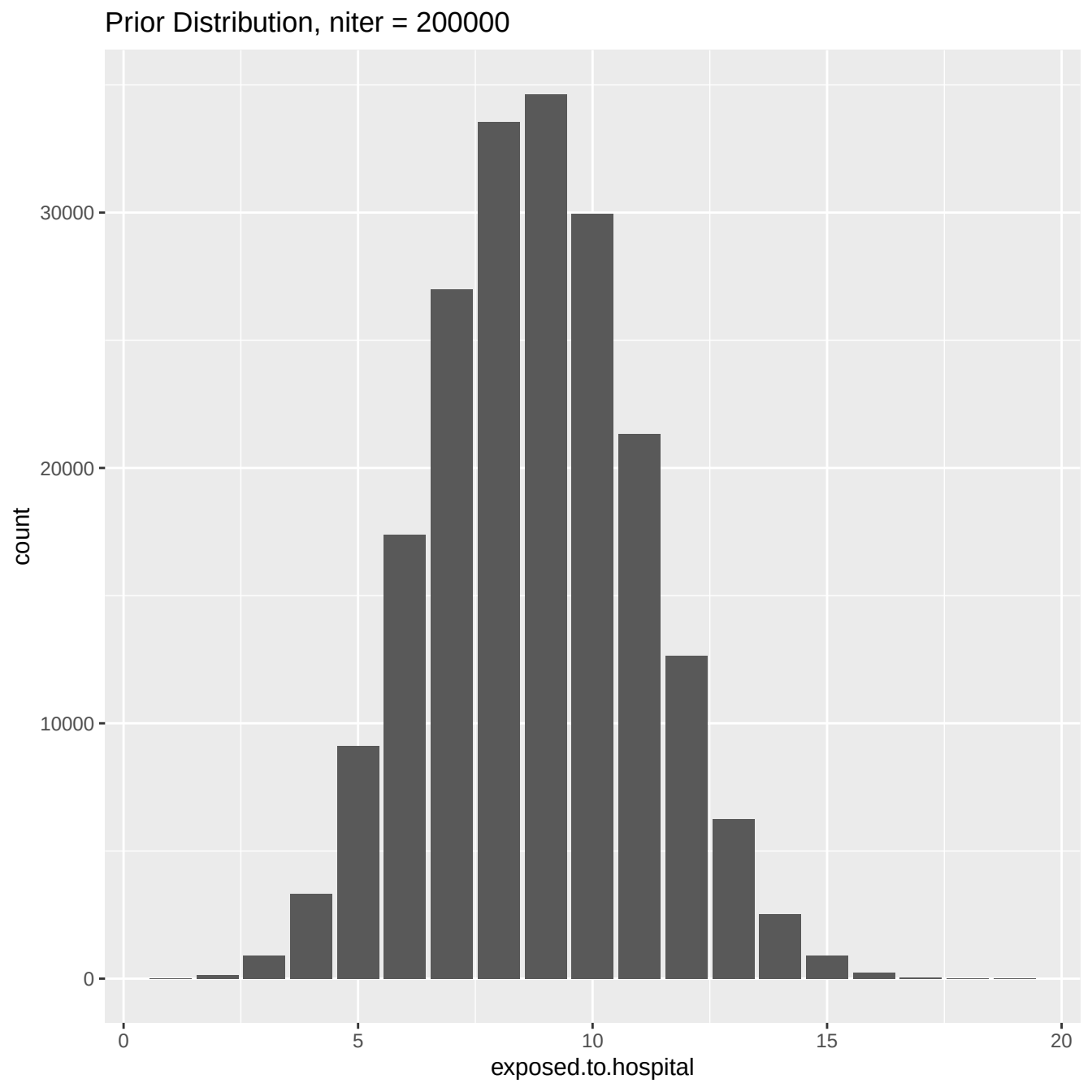

Posterior Distribution, niter = 825
Low number of iterations, use with caution
count
100
50
0
5
10
15
20
intervention2.smooth.days

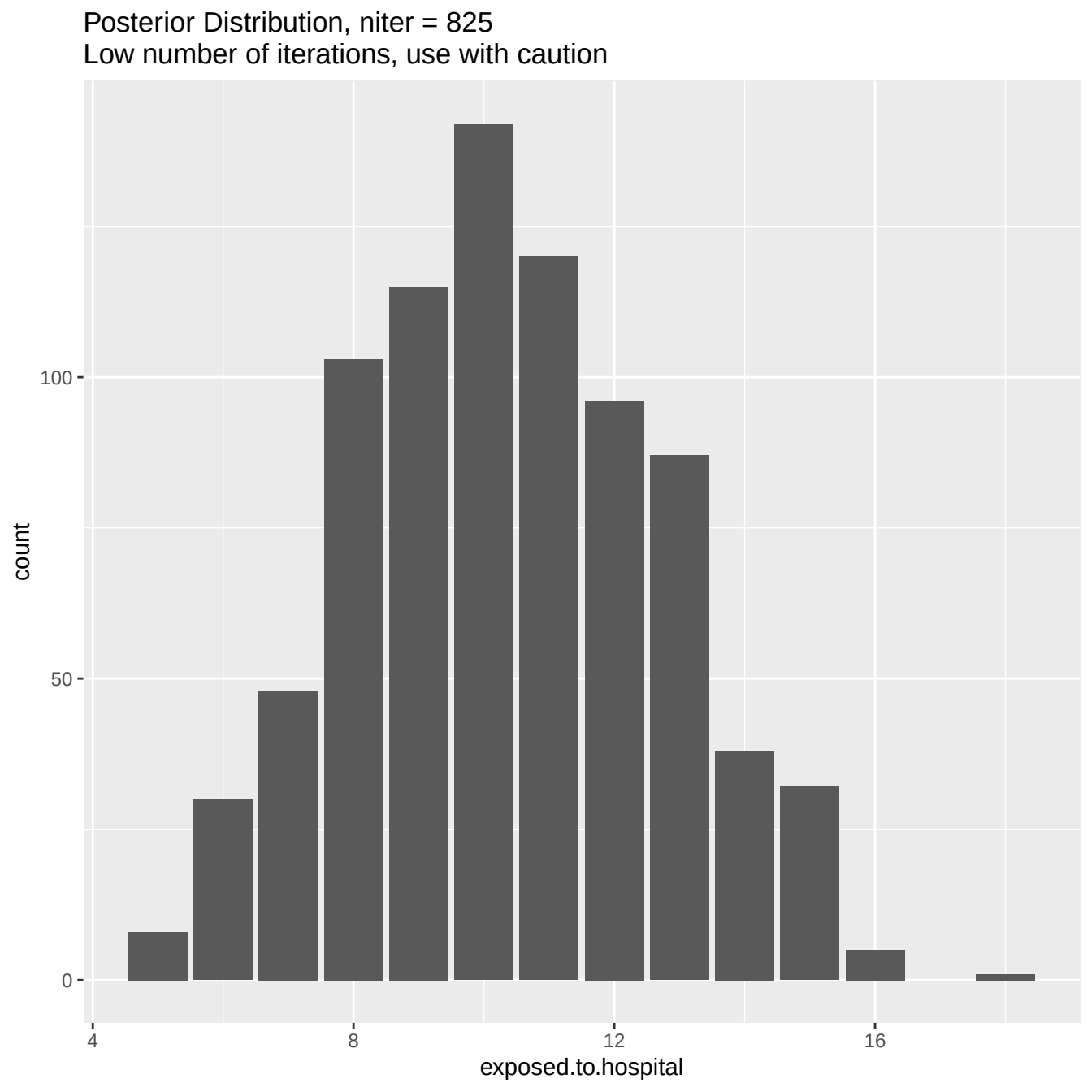

Prior Distribution, niter = 200000
125000
100000
75000
50000
25000
0
count
FALSE
TRUE
patients.in.hosp.are.infectious

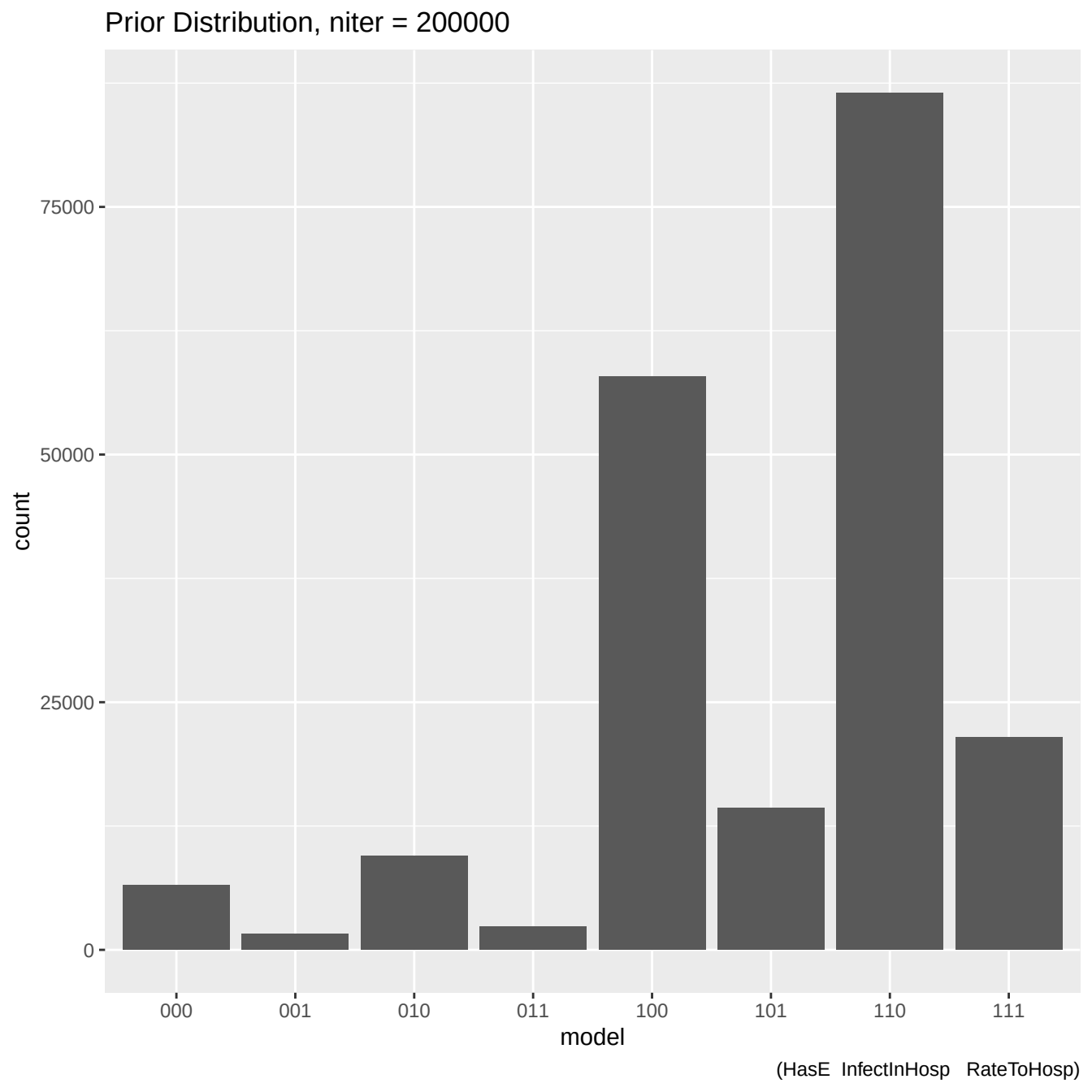

Posterior Distribution, niter = 825
Low number of iterations, use with caution
count
400
300
200
100
0
FALSE
TRUE
patients.in.hosp.are.infectious

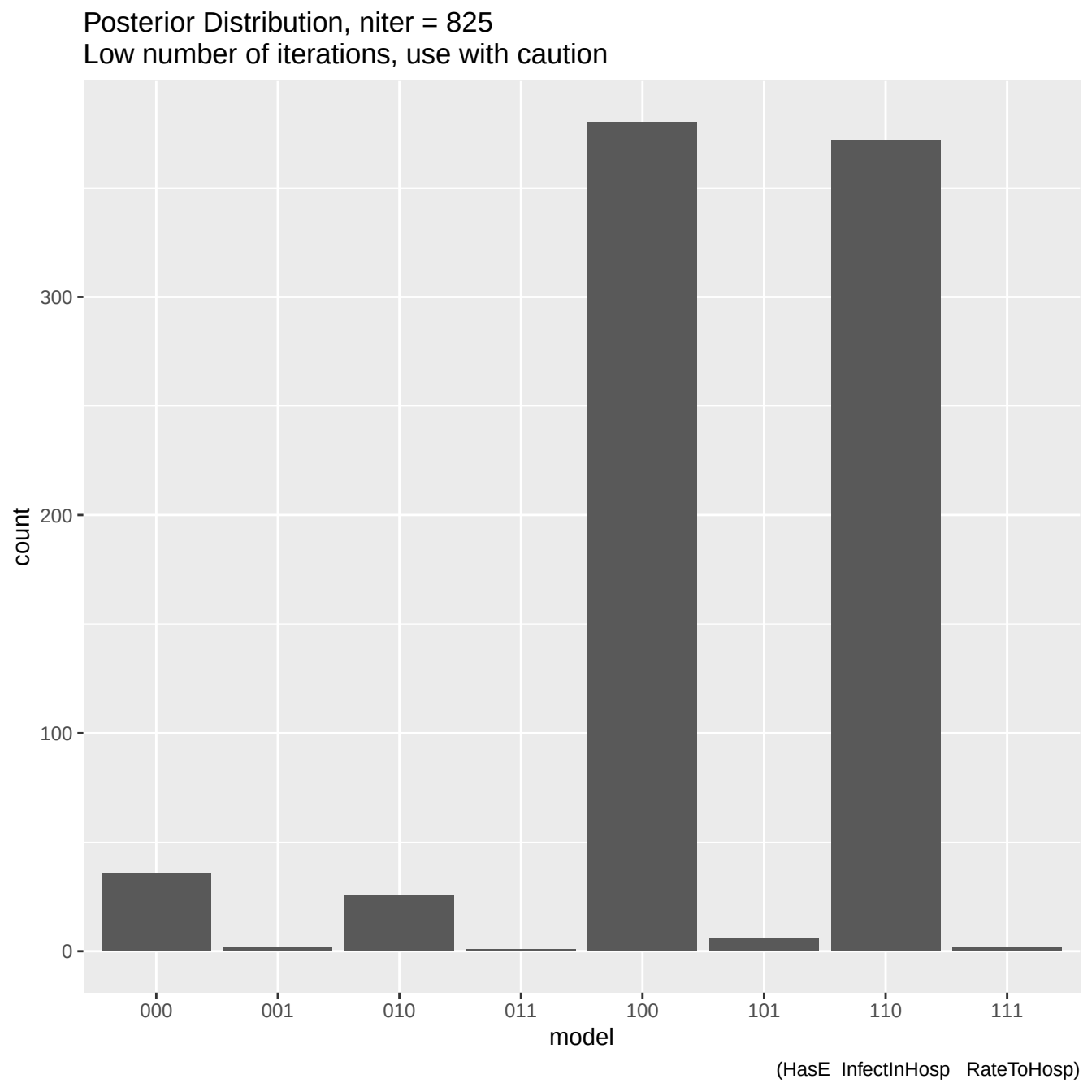

Prior Distribution, niter = 200000
150000
100000
50000
0
count
FALSE
TRUE
use.hosp.rate


Posterior Distribution, niter = 825
Low number of iterations, use with caution
800
600
400
200
0
count
FALSE
TRUE
use.hosp.rate


Prior Distribution, niter = 200000
30000
20000
10000
0
count
0
5
10
15
20
exposed.to.hospital


Posterior Distribution, niter = 825
Low number of iterations, use with caution
count
100
50
0
4
8
12
16
exposed.to.hospital


Prior Distribution, niter = 200000
75000
50000
25000
0
count
000
001
010
011
100
101
110
111
model
(HasE InfectInHosp RateToHosp)


Posterior Distribution, niter = 825
Low number of iterations, use with caution
count
300
200
100
0
000
001
010
011
100
101
110
111
model
(HasE InfectInHosp RateToHosp)