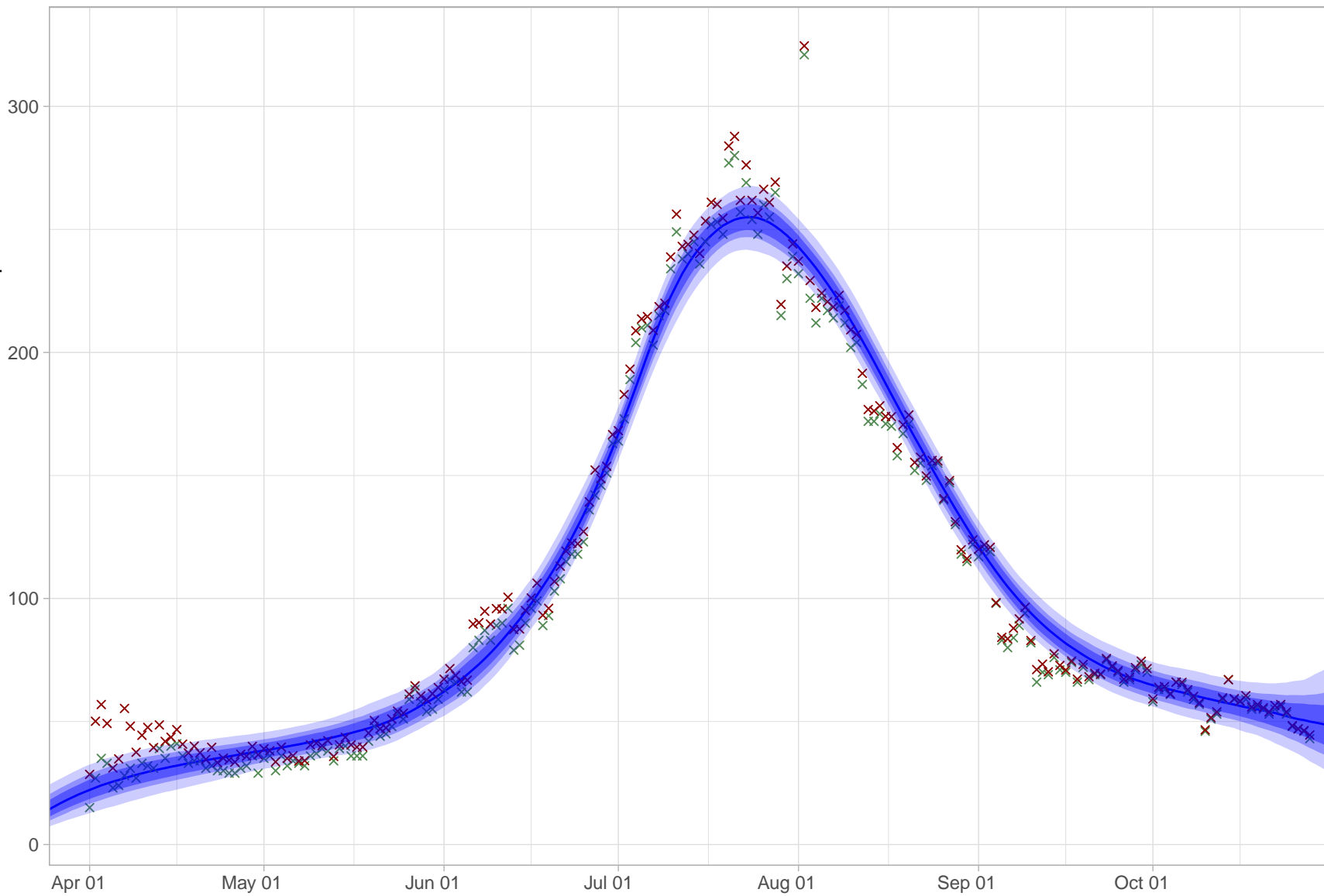


# Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital



Median    Confirmed    Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

# Long Term Hospitalization Projection

Number of COVID19 Patients in Hospital

400

200

0

Apr 01

May 01

Jun 01

Jul 01

Aug 01

Sep 01

Oct 01

Nov 01

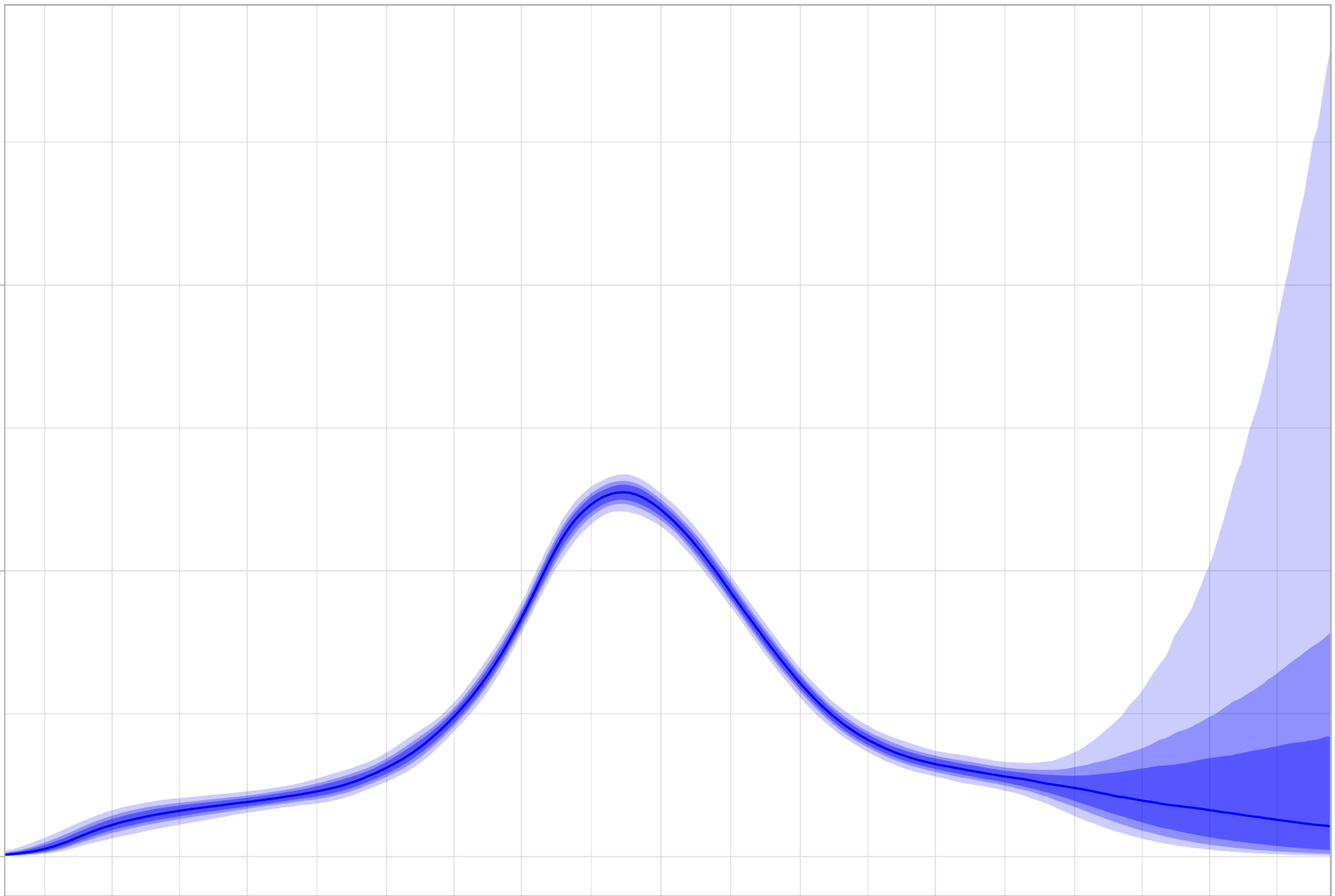
Dec 01

— Median

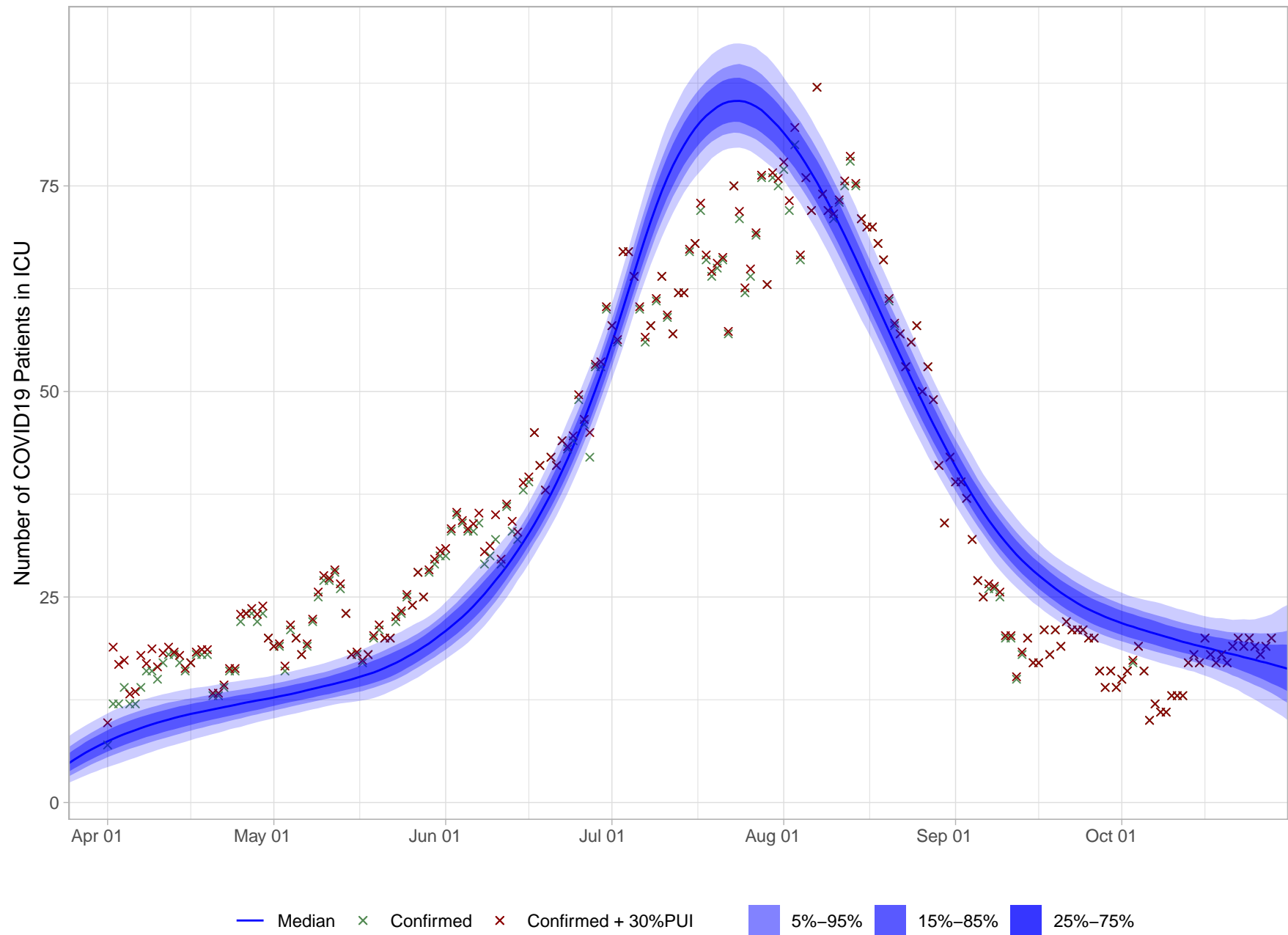
5%–95%

15%–85%

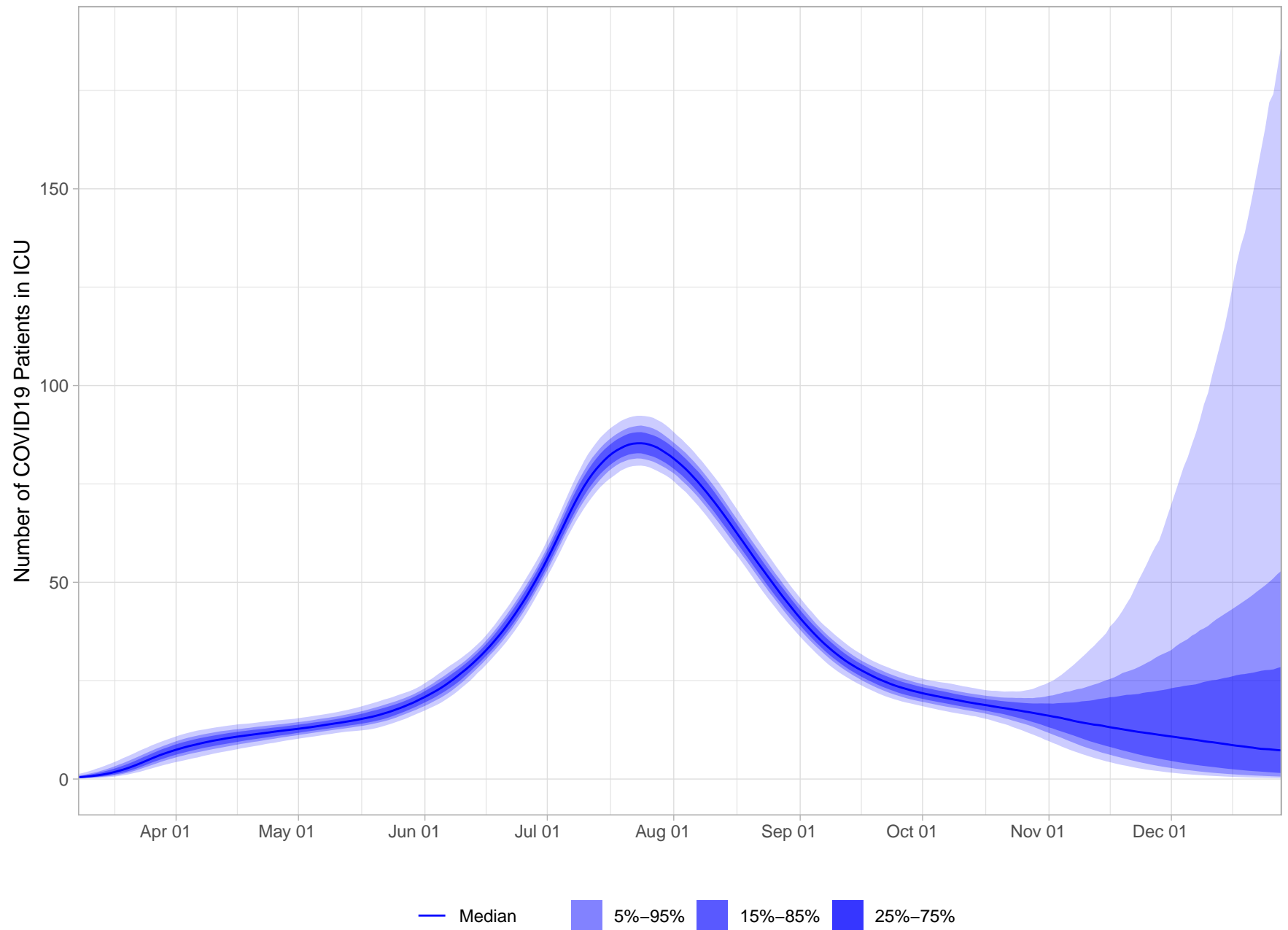
25%–75%



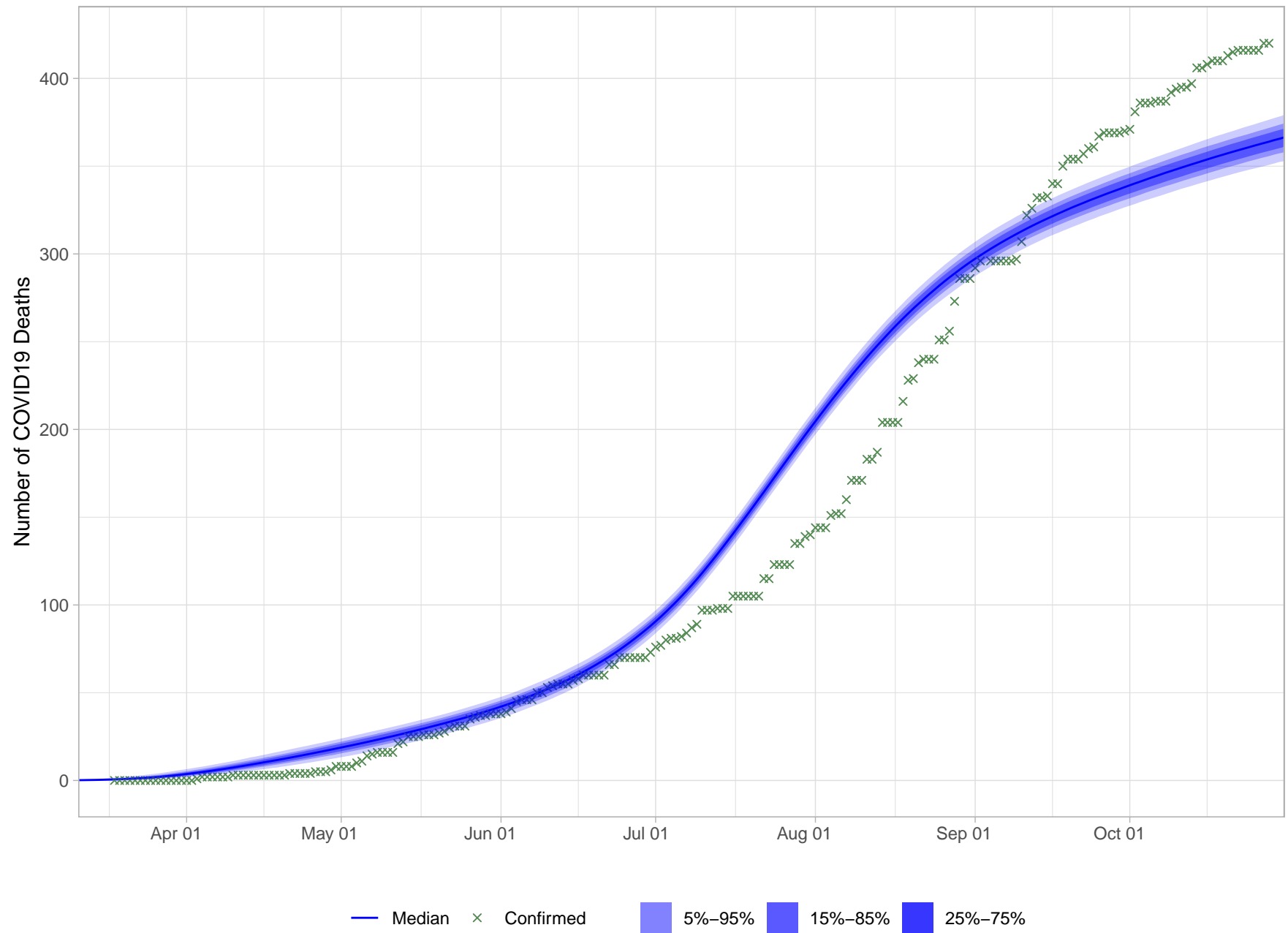
# Short Term ICU Projection



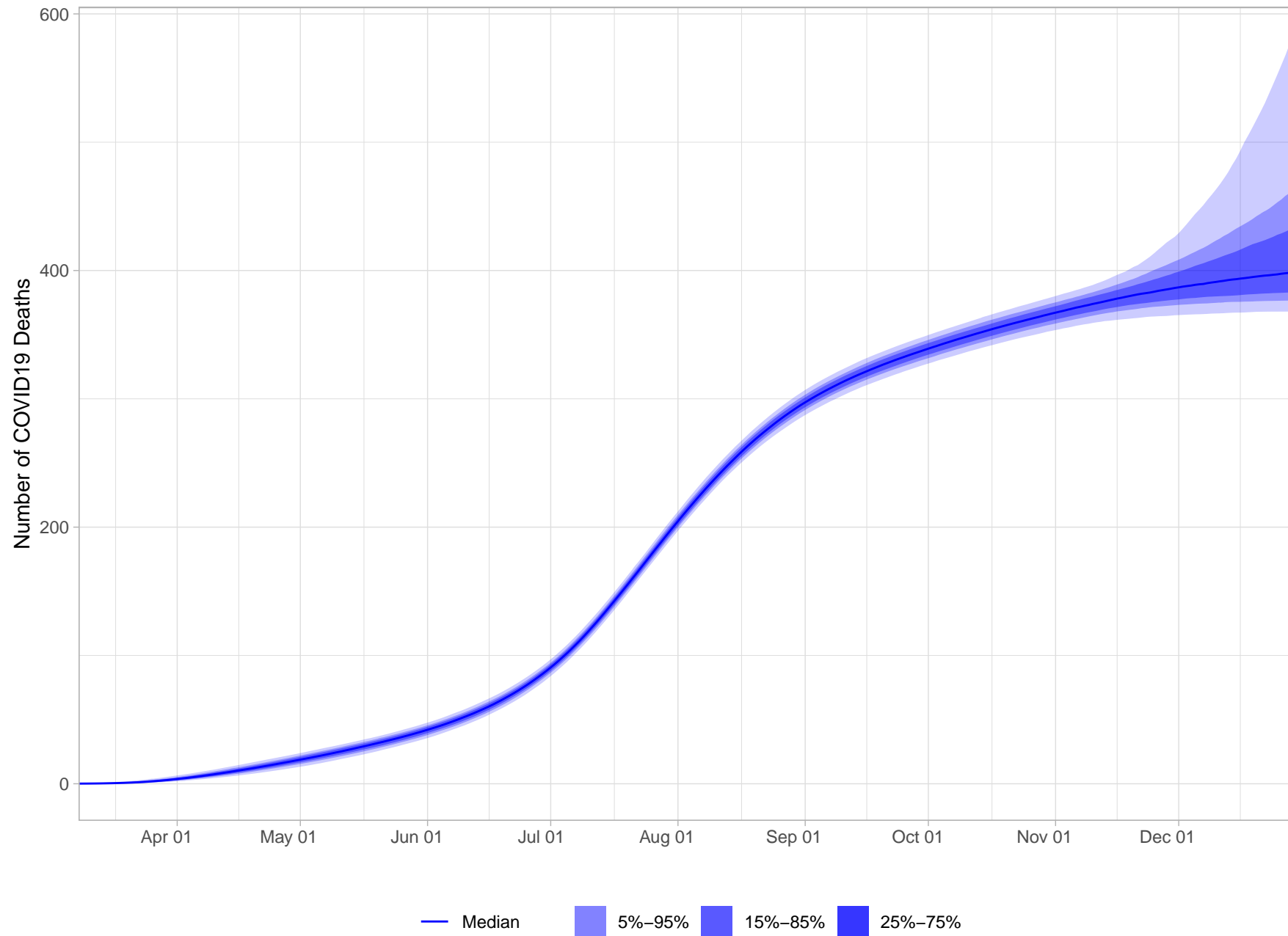
# Long Term ICU Projection



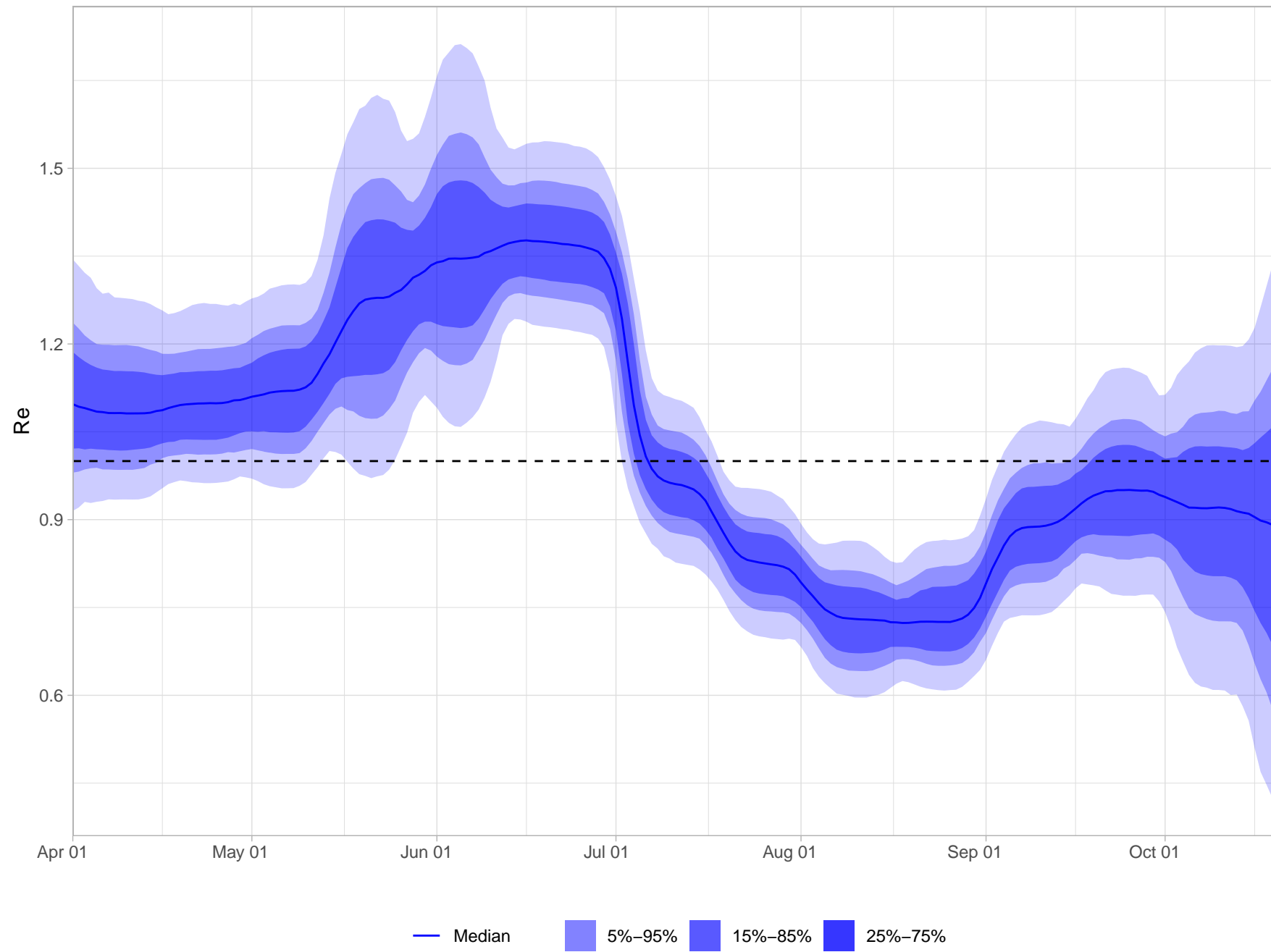
# Short Term Death Projection



# Long Term Death Projection

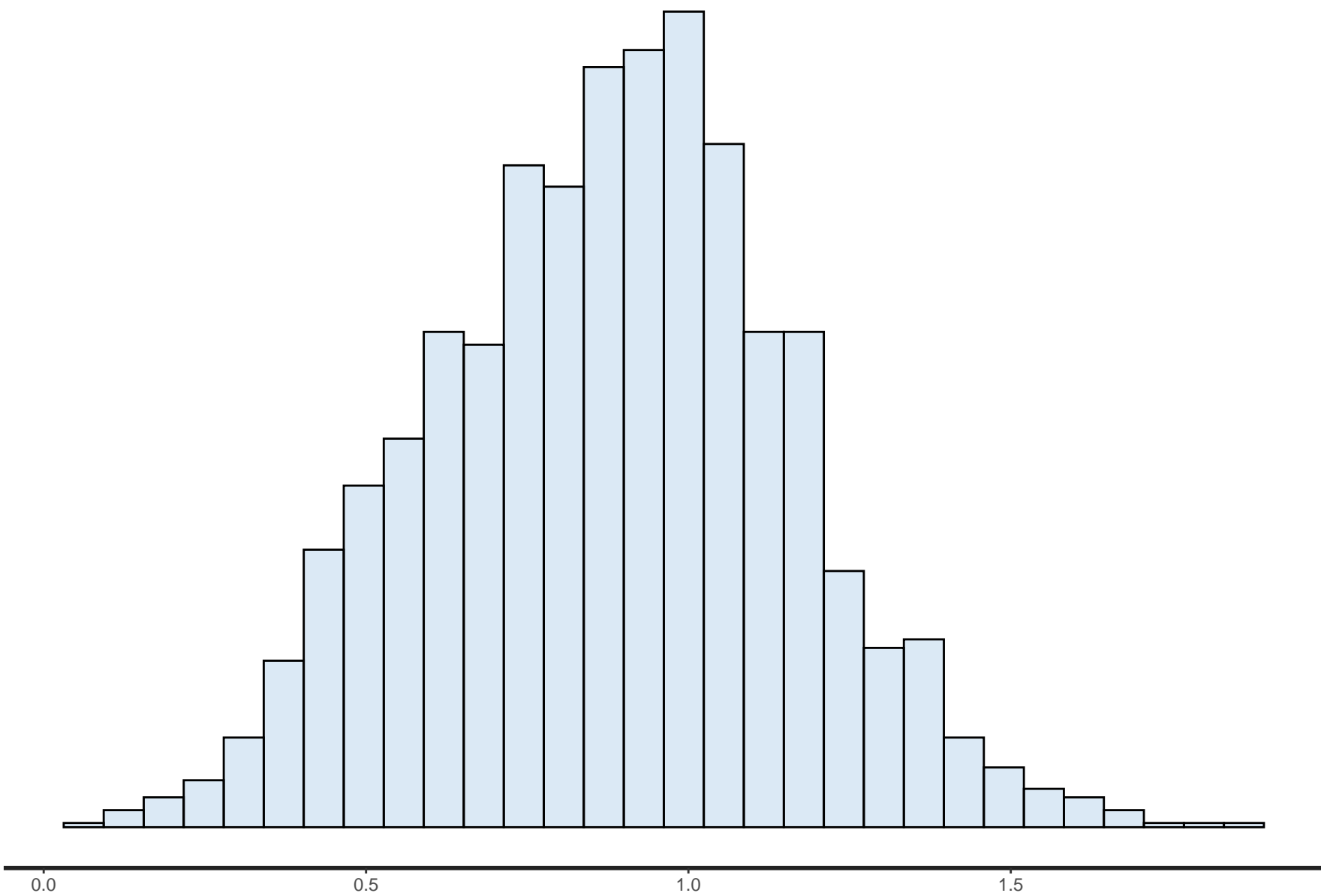


Effective Reproduction Number

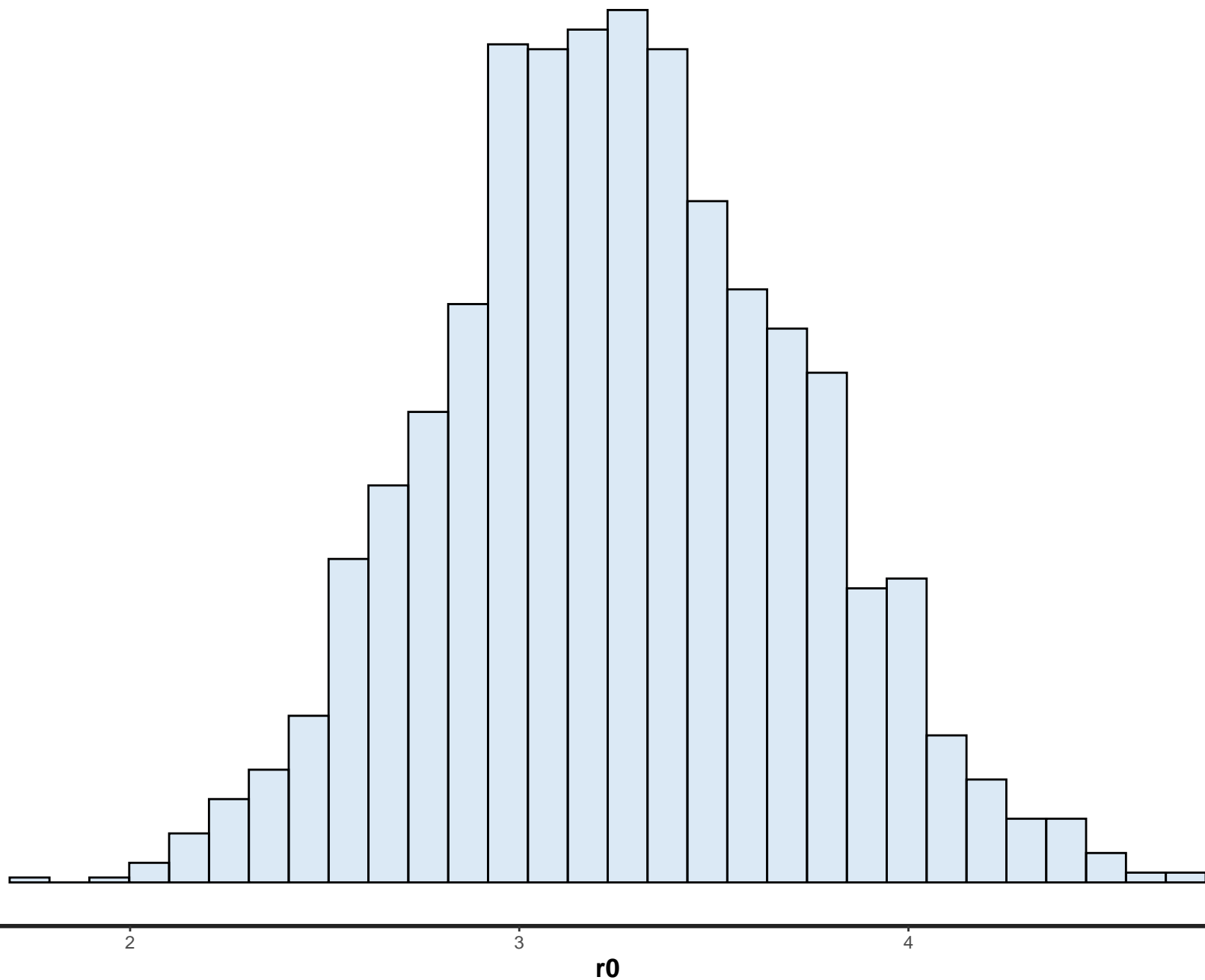


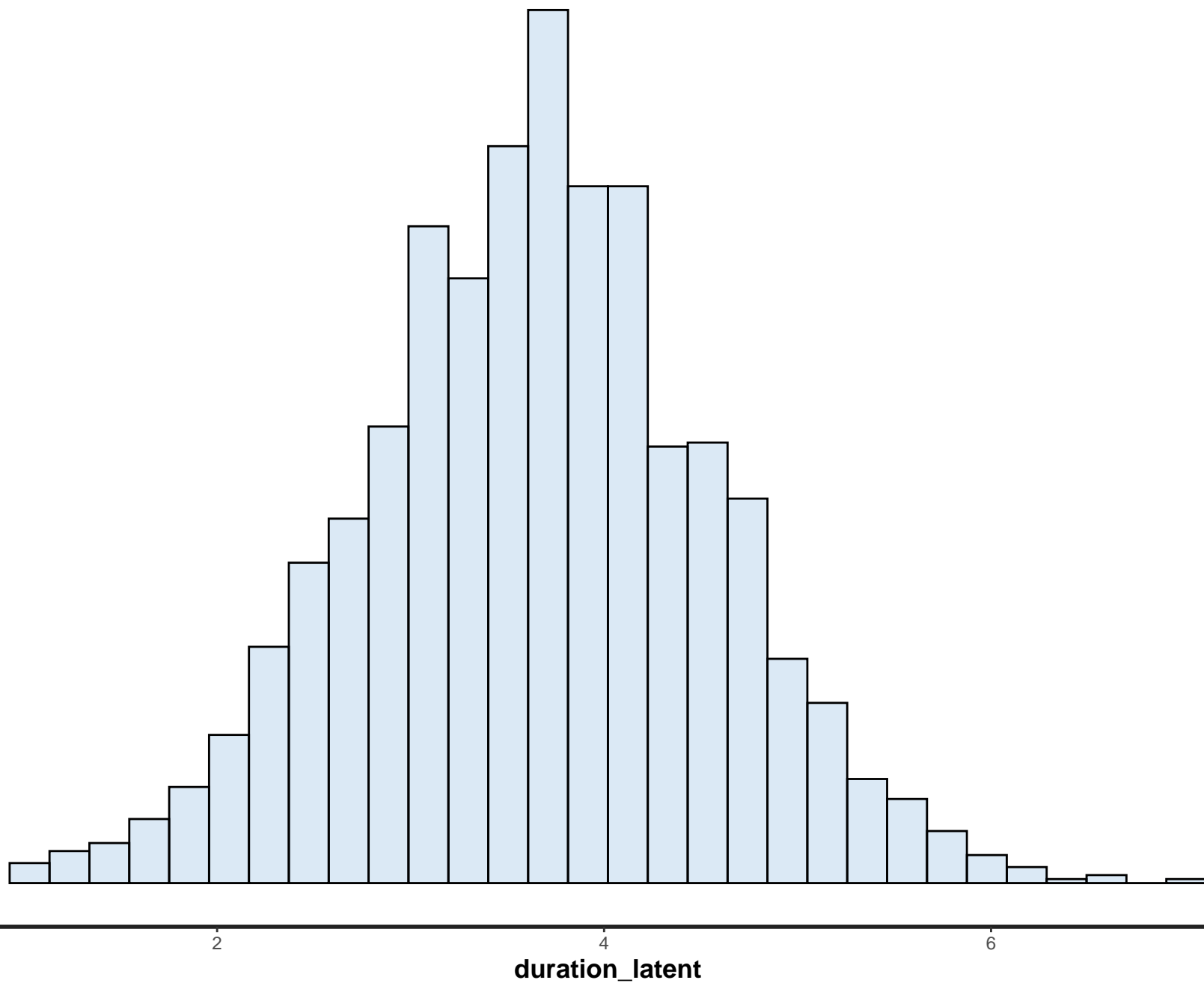
# Rt as of 2020-10-19

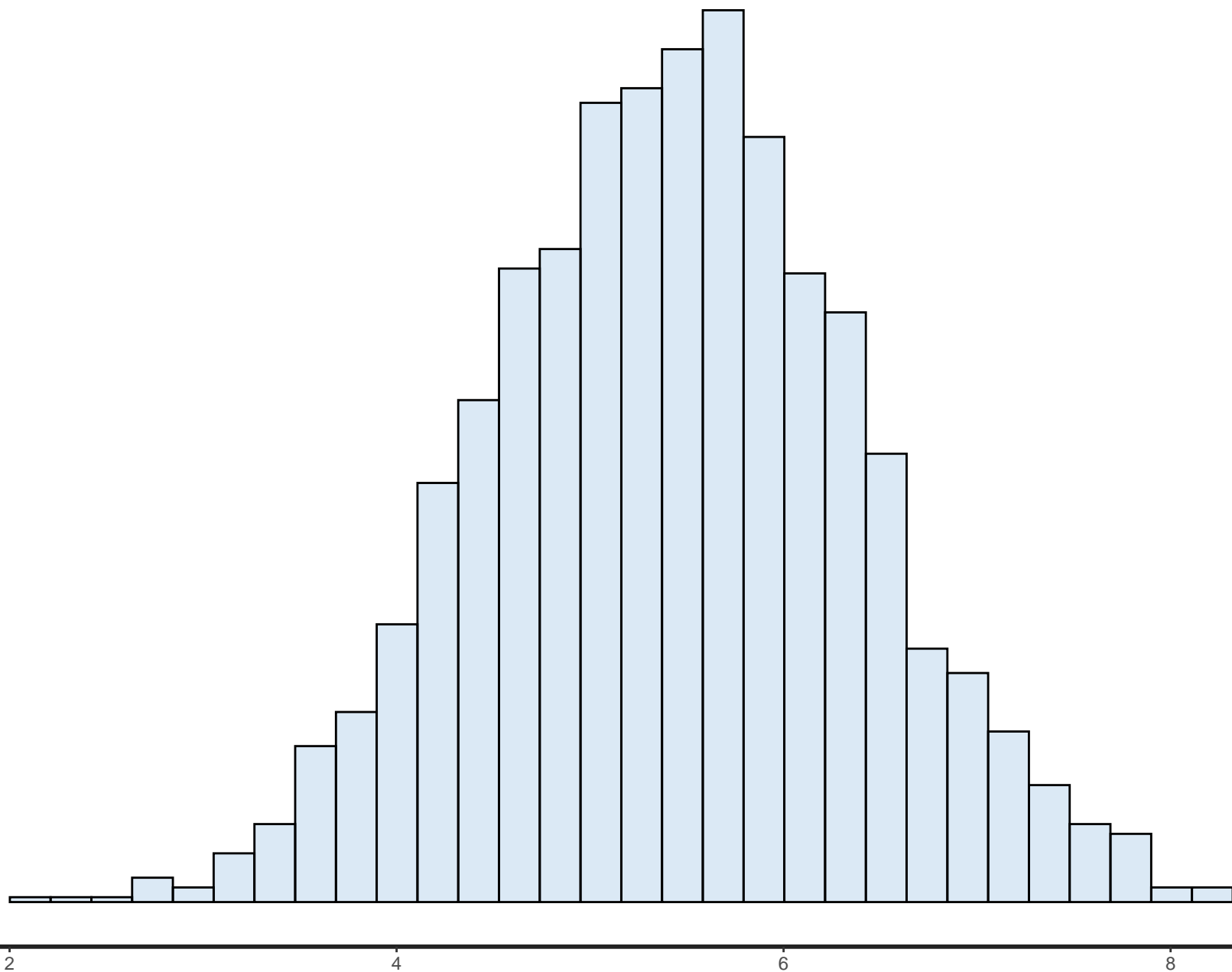
5%	10%	25%	50%	75%	90%	95%
0.42	0.51	0.69	0.89	1.06	1.21	1.34

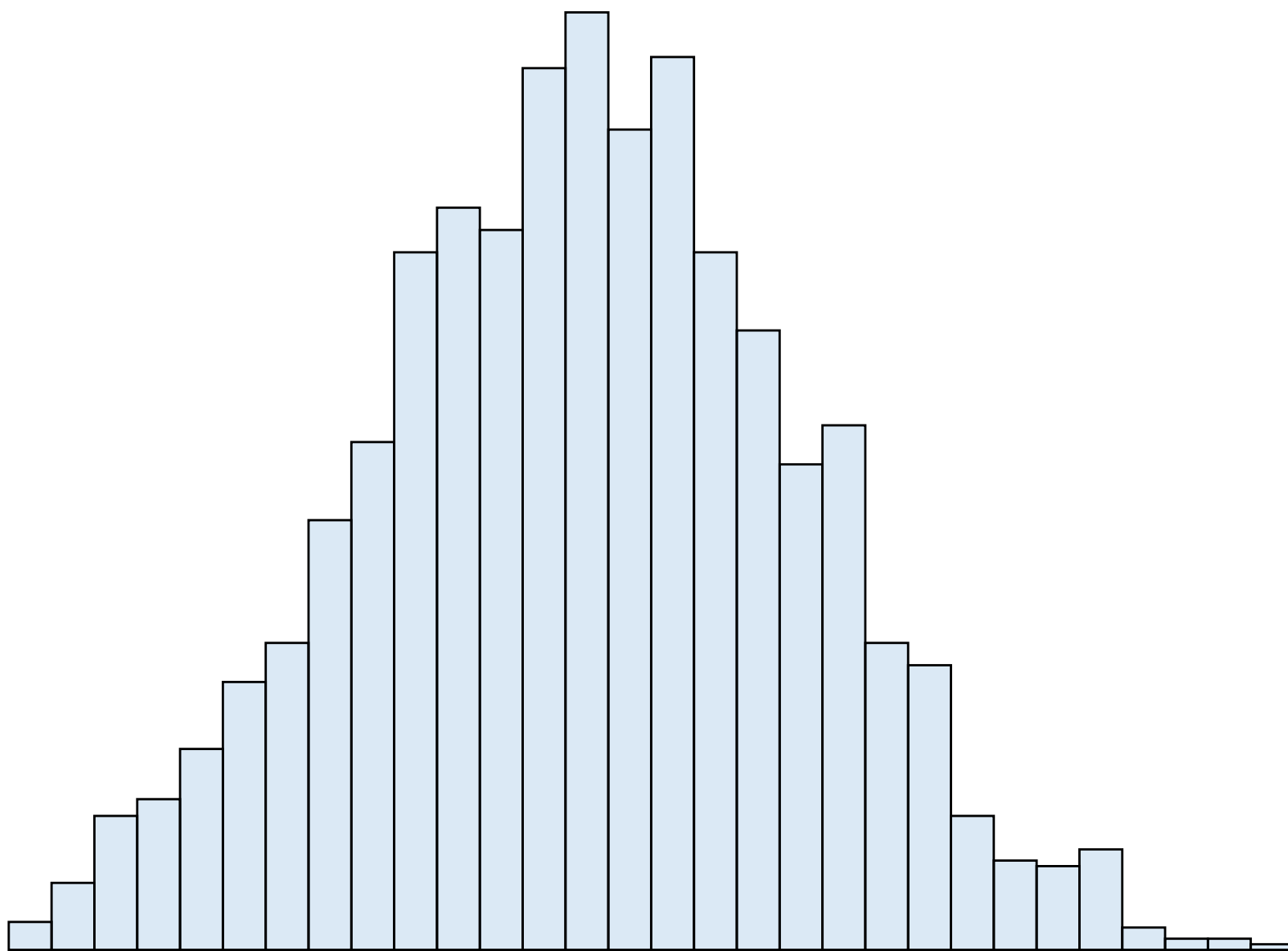




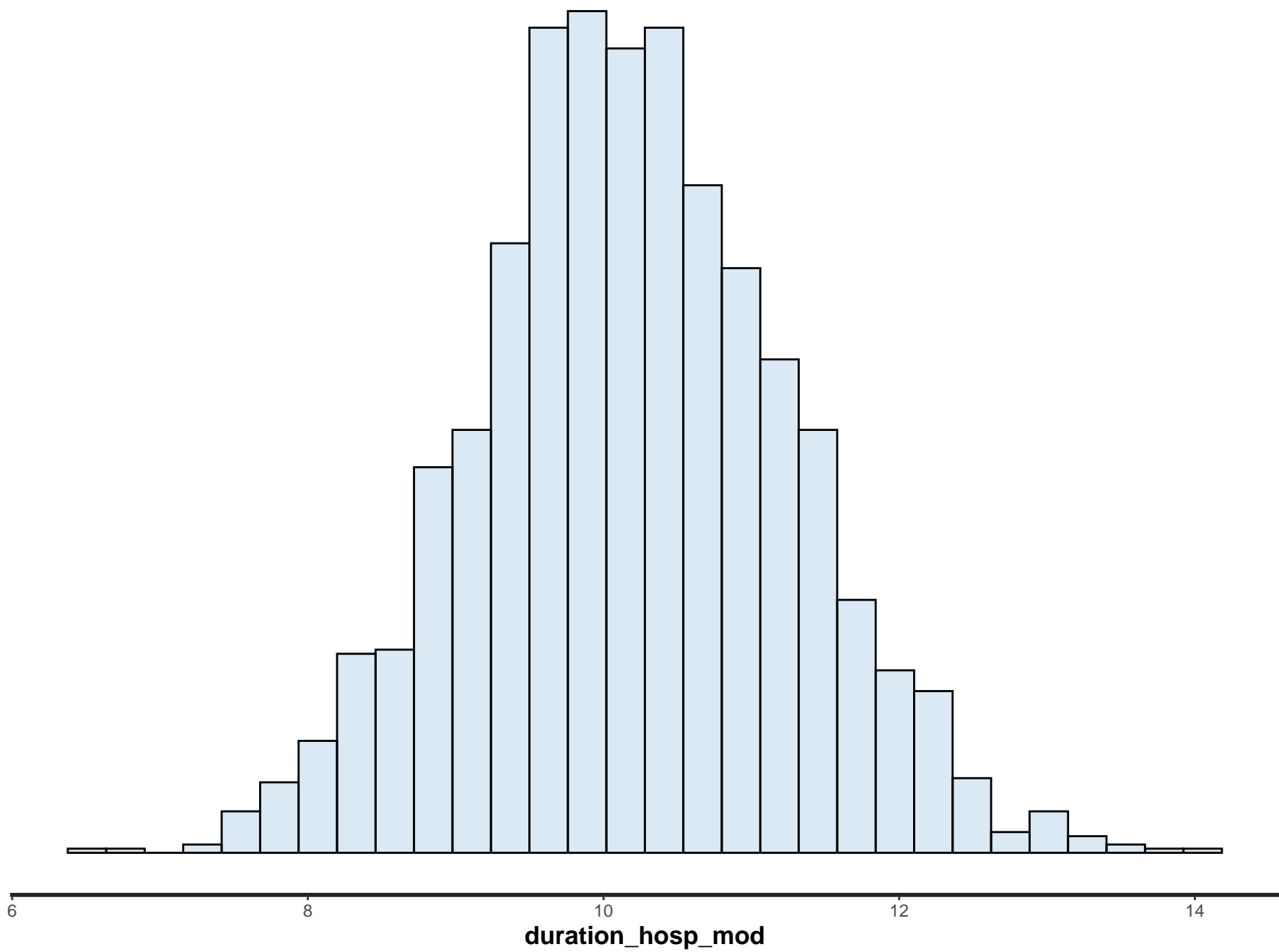


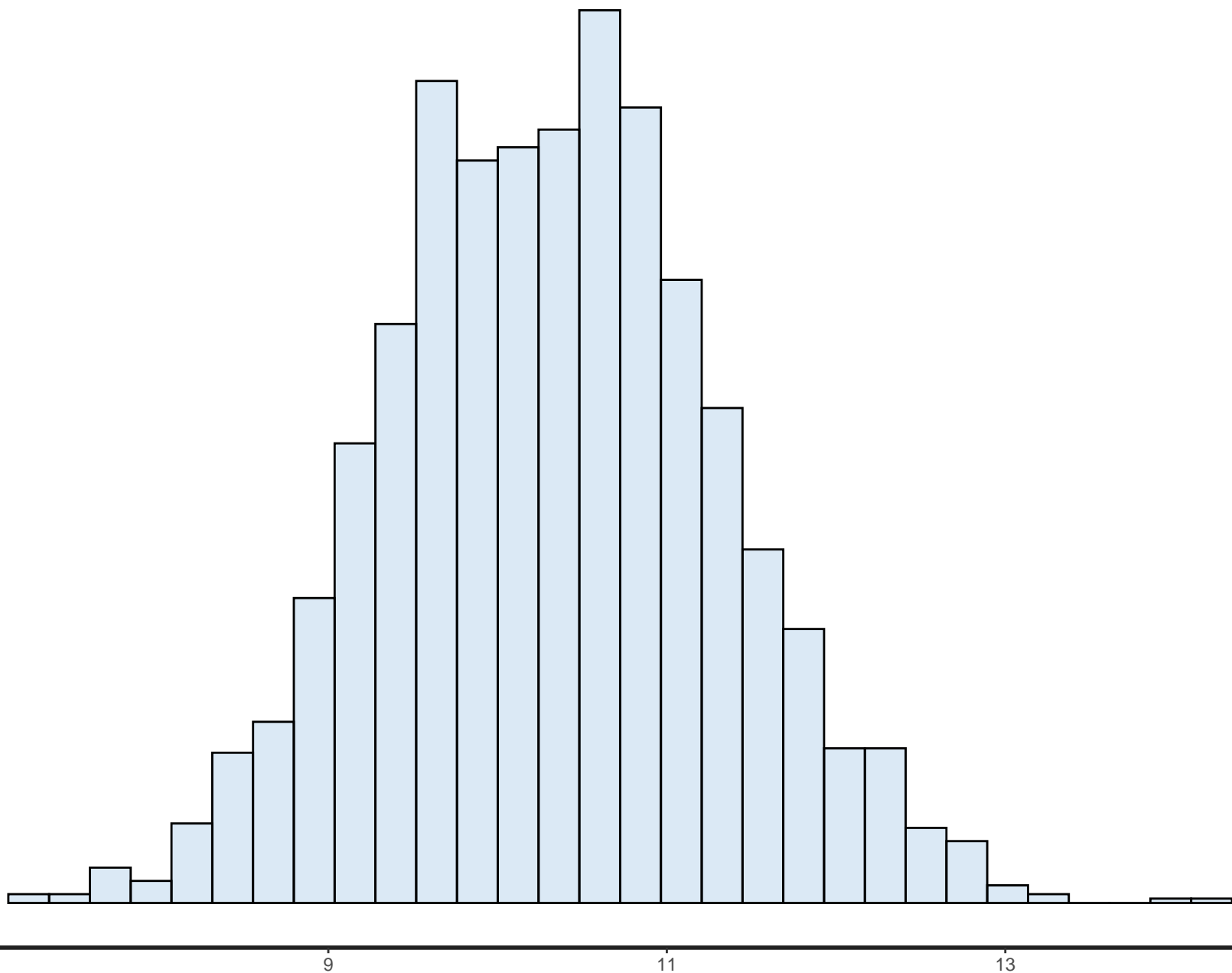


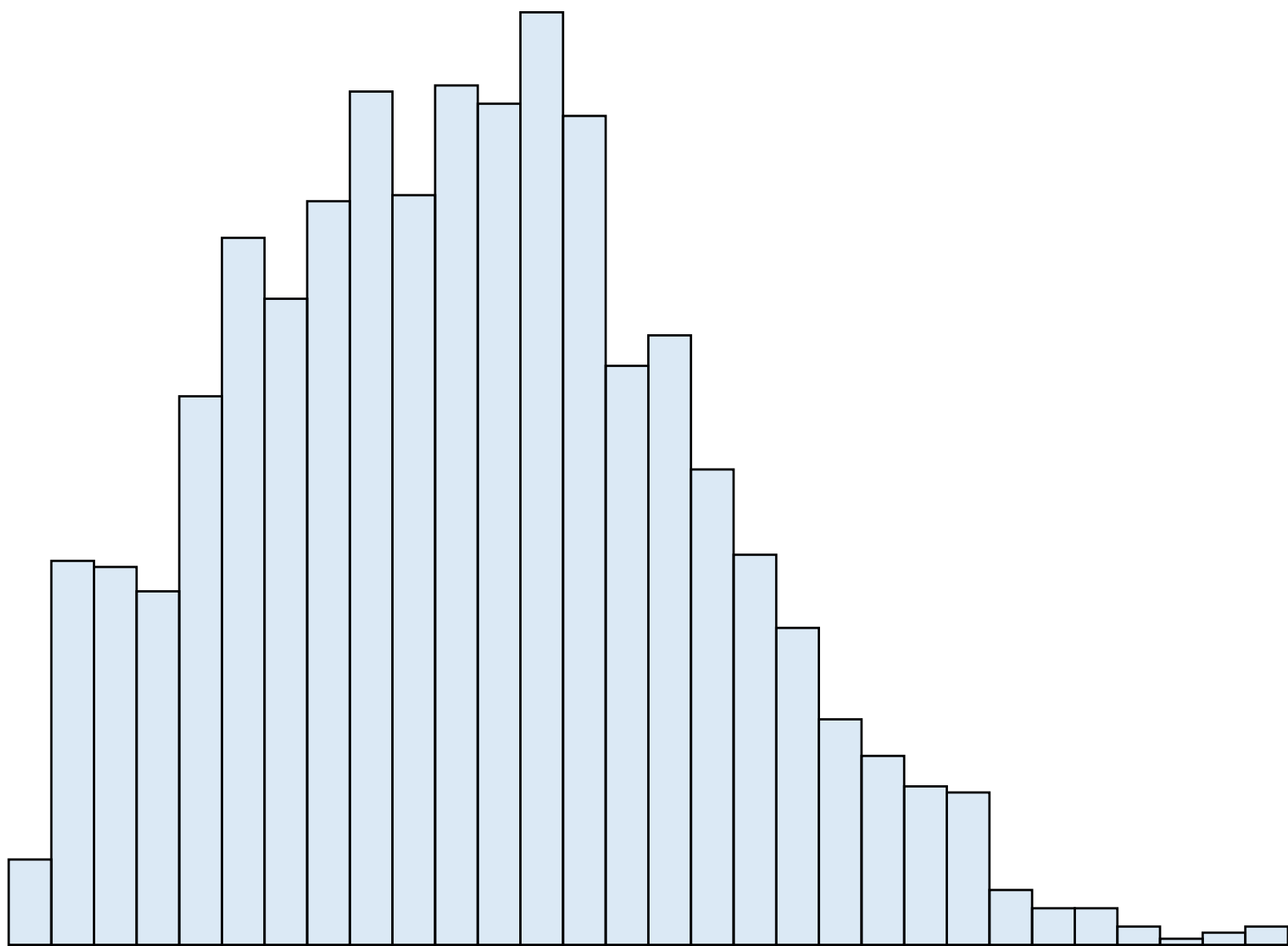




duration\_pre\_hosp







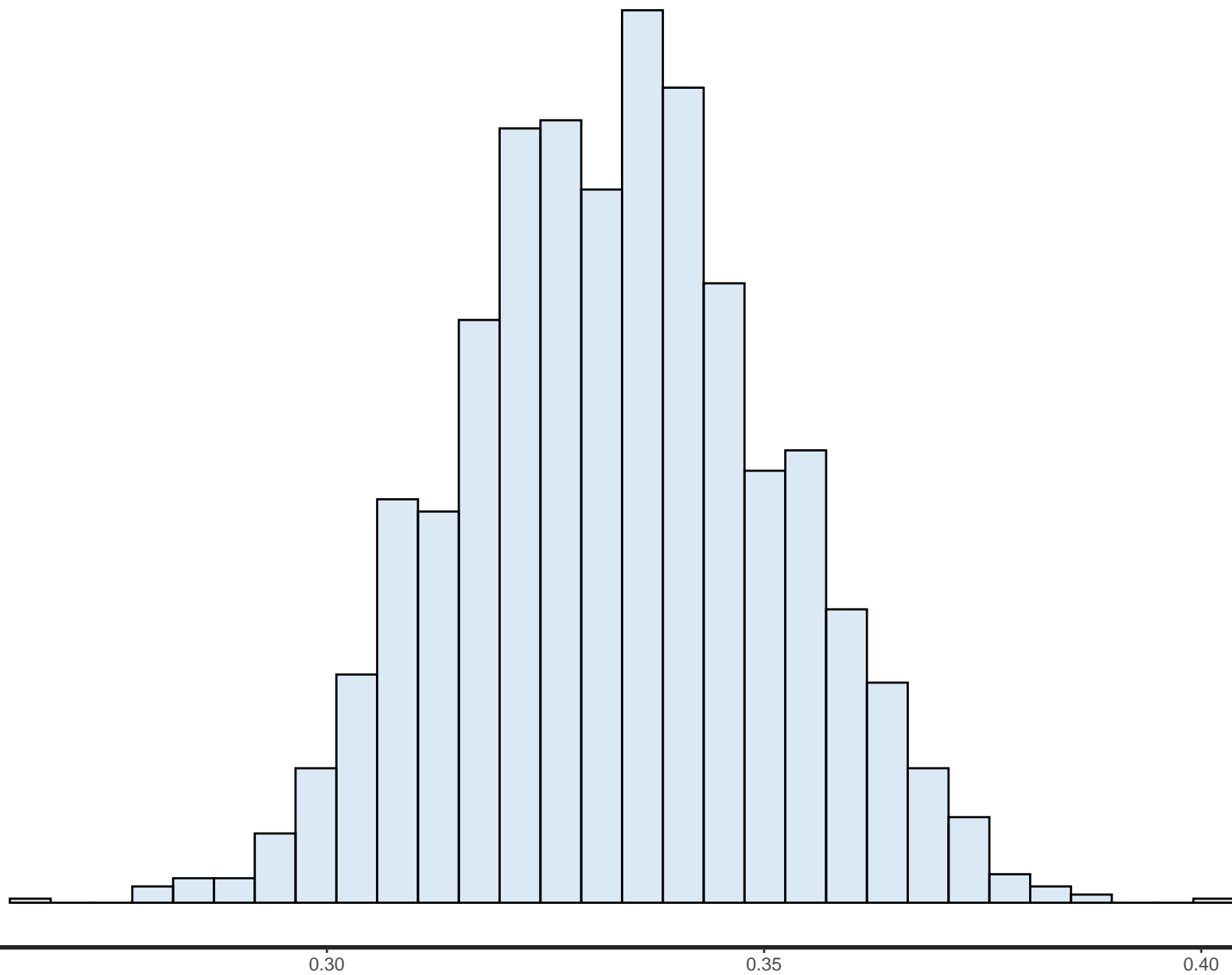
0.00

0.03

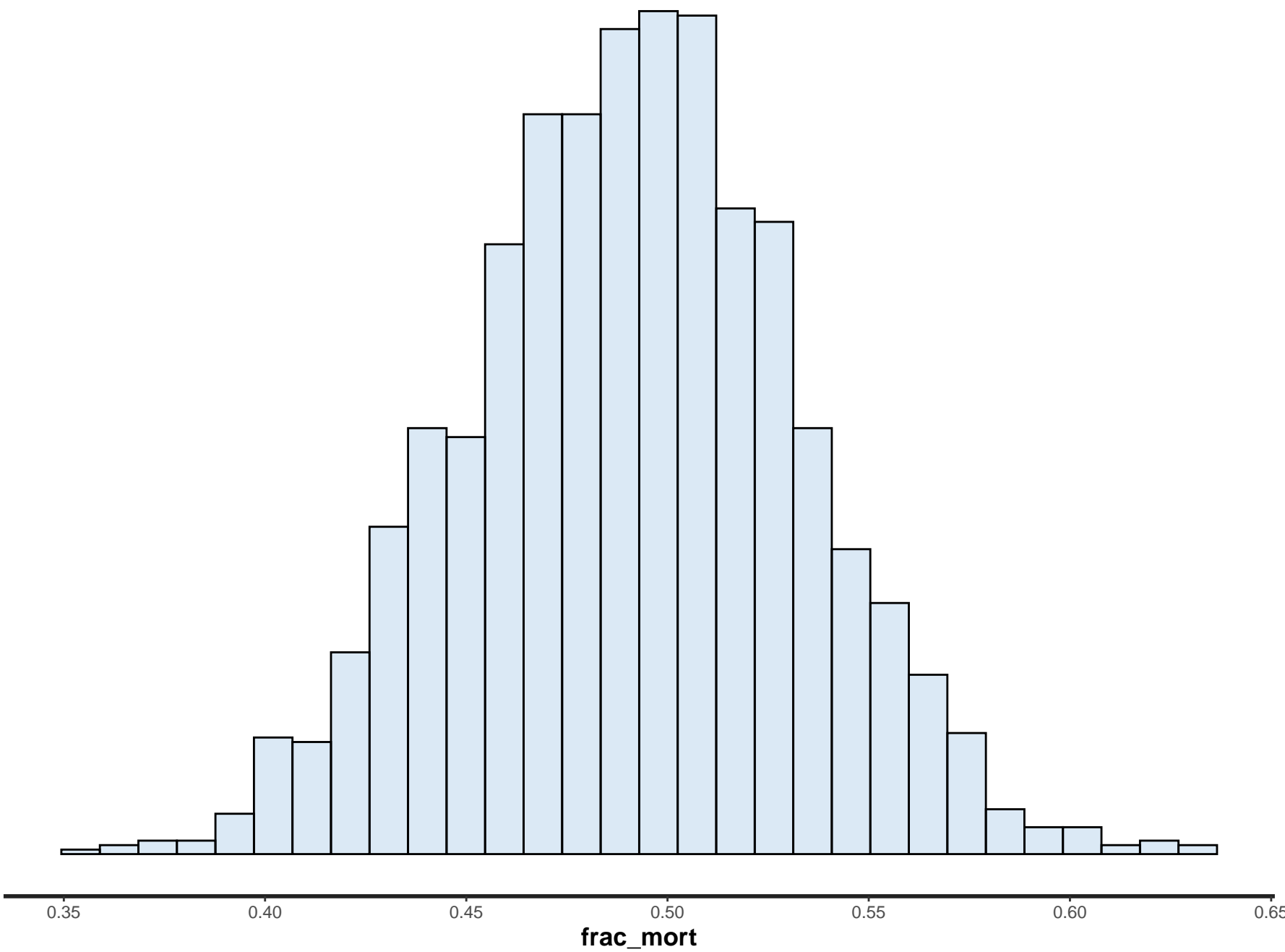
0.06

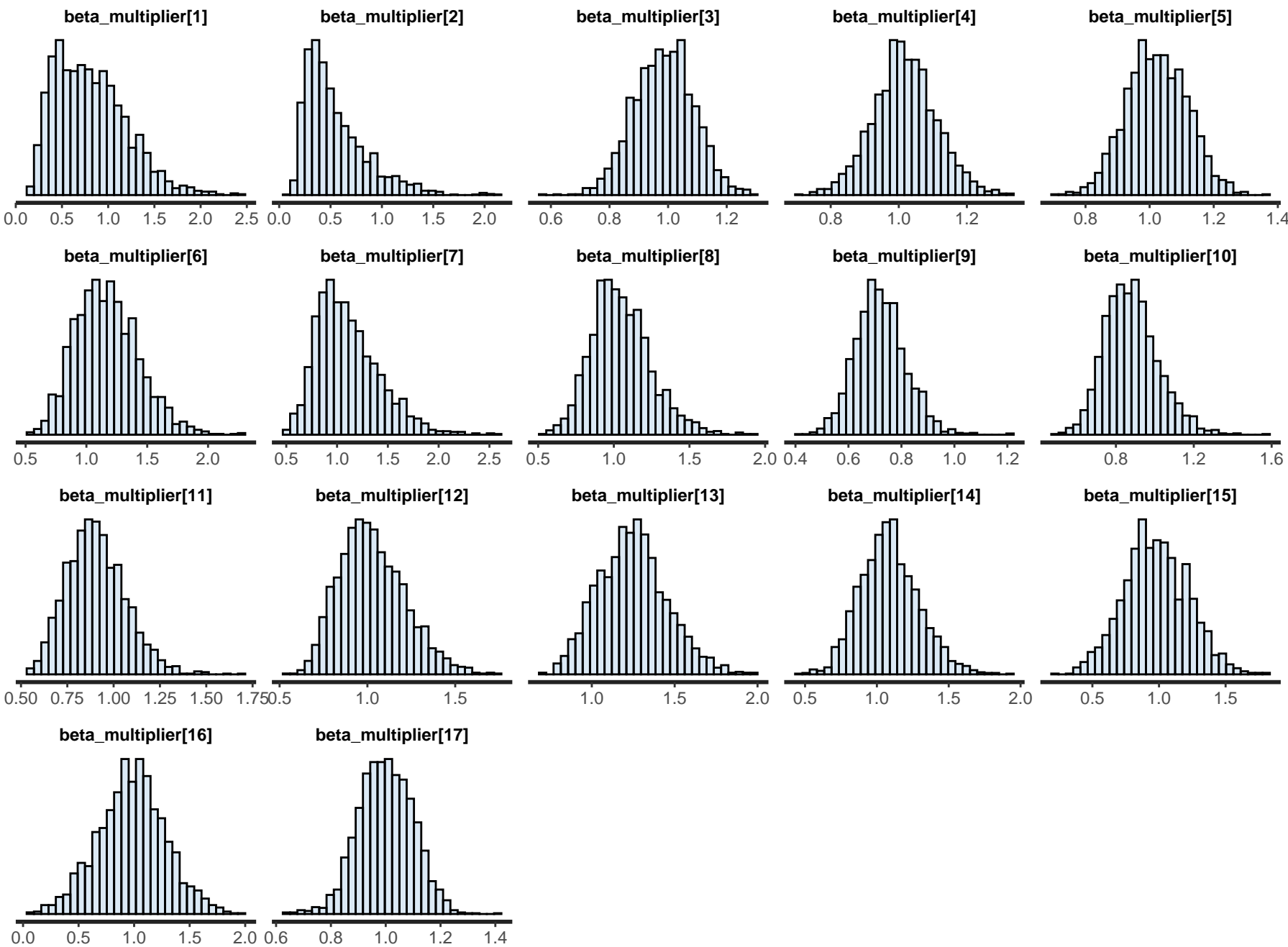
0.09

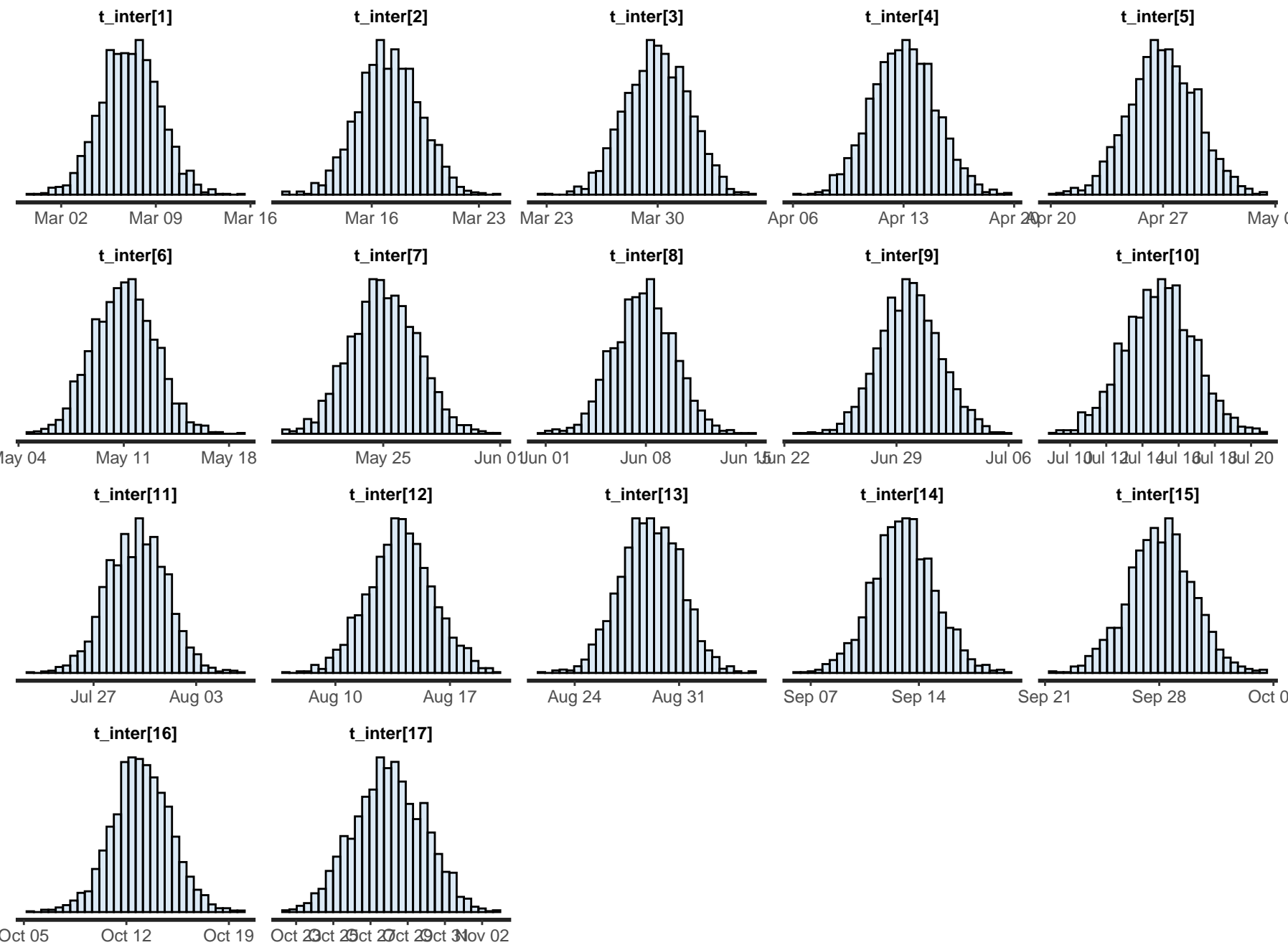
**frac\_hosp**





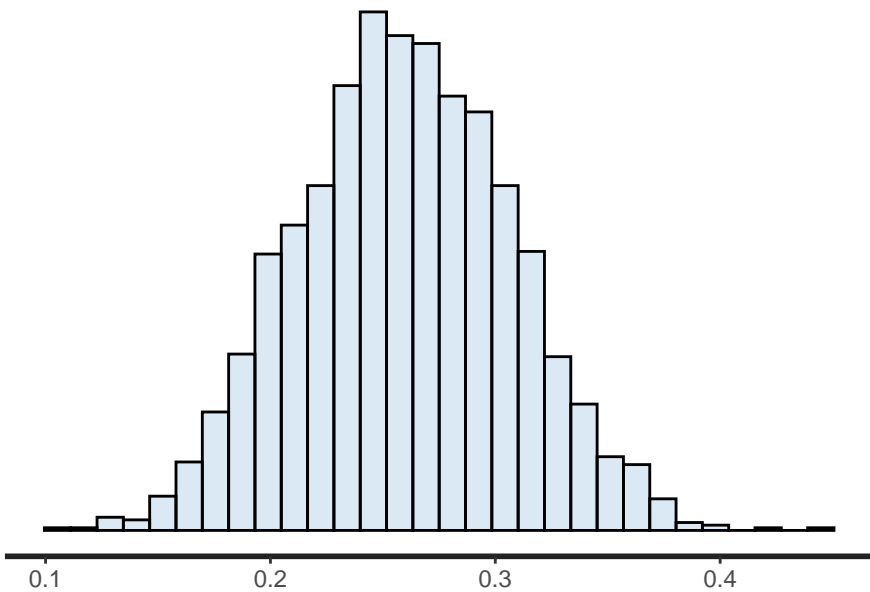




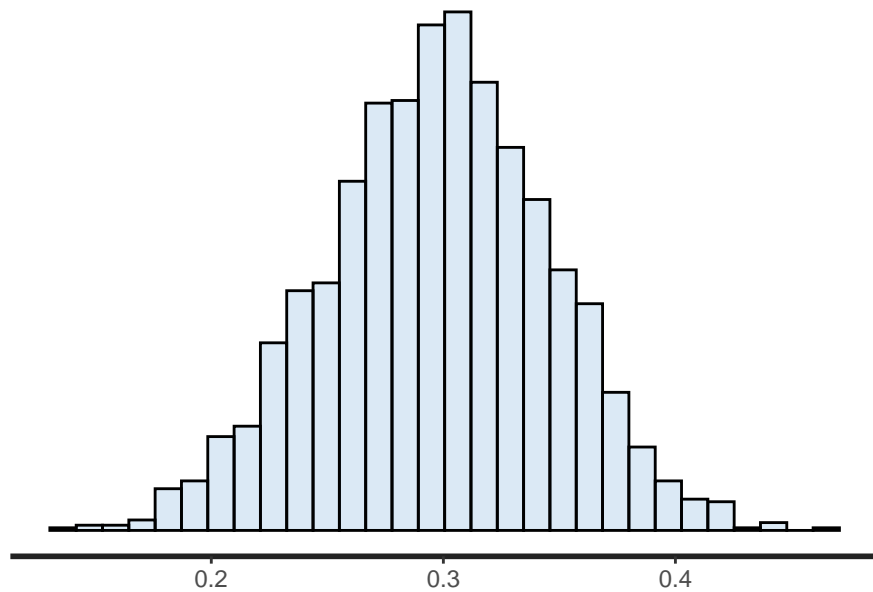




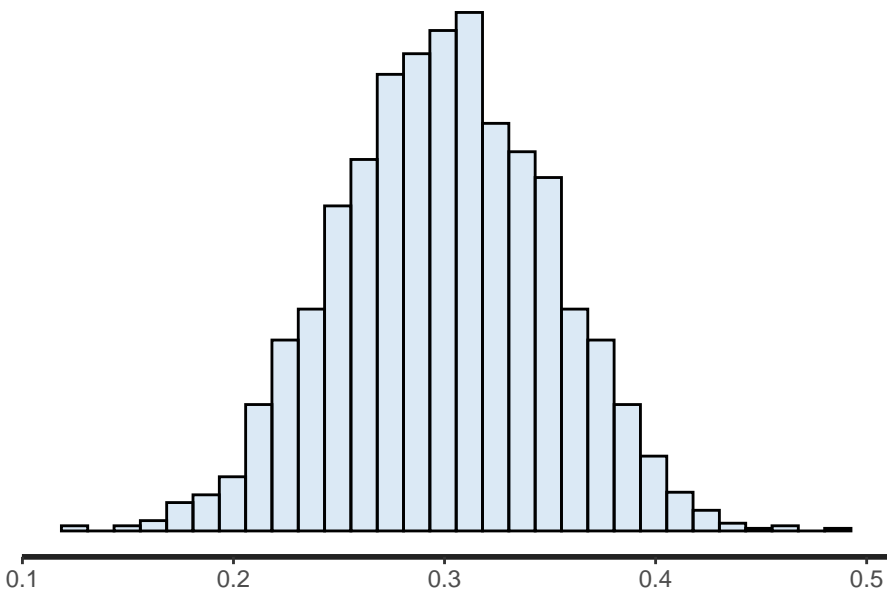
frac\_PUI[1]



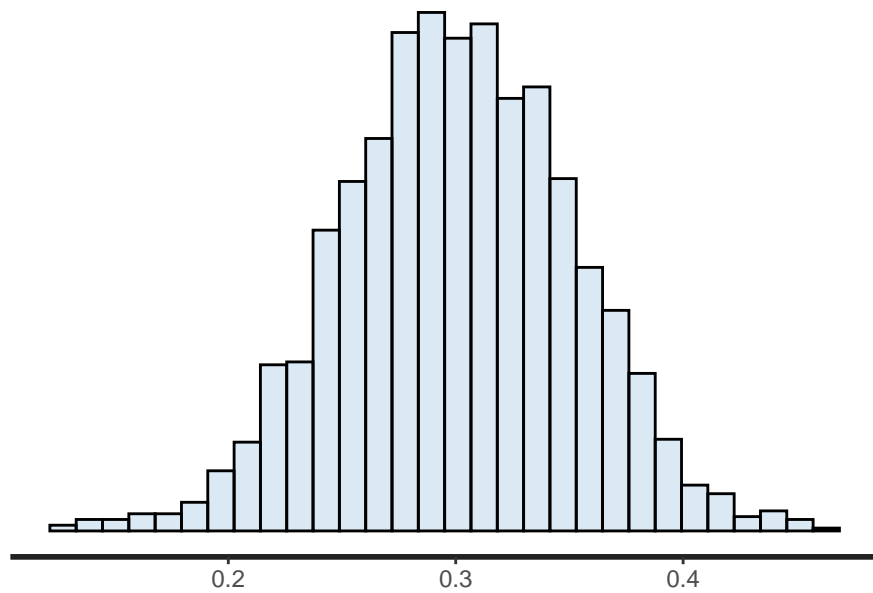
frac\_PUI[2]

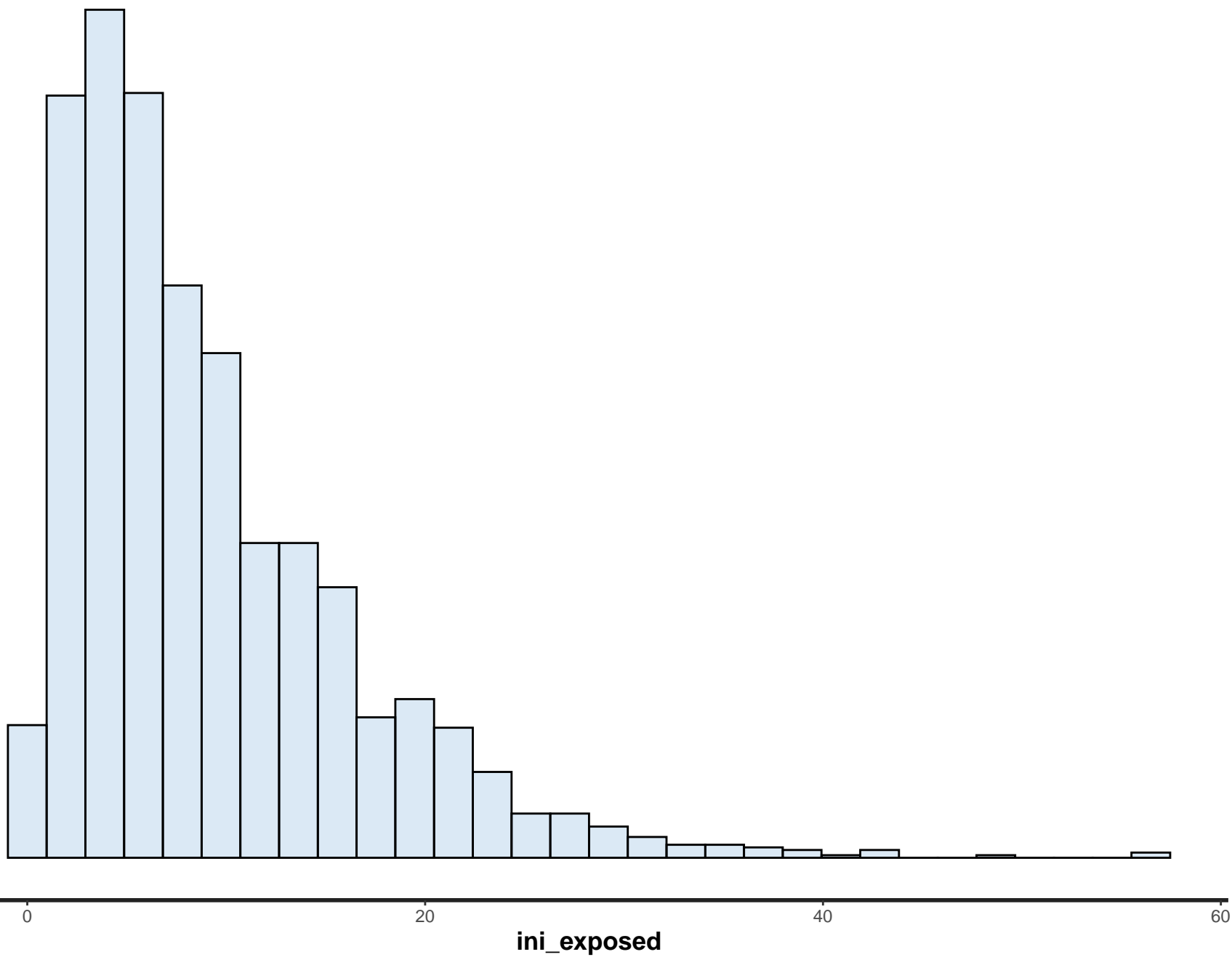


frac\_PUI[3]

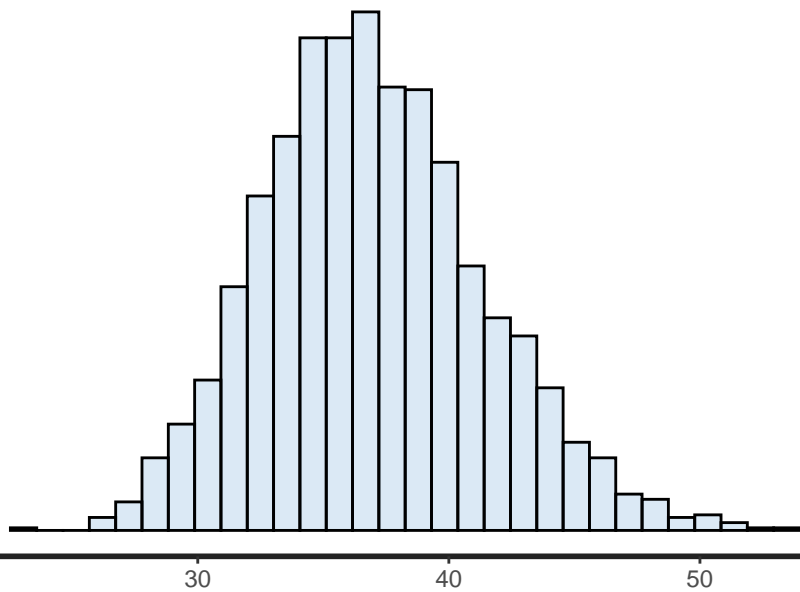


frac\_PUI[4]

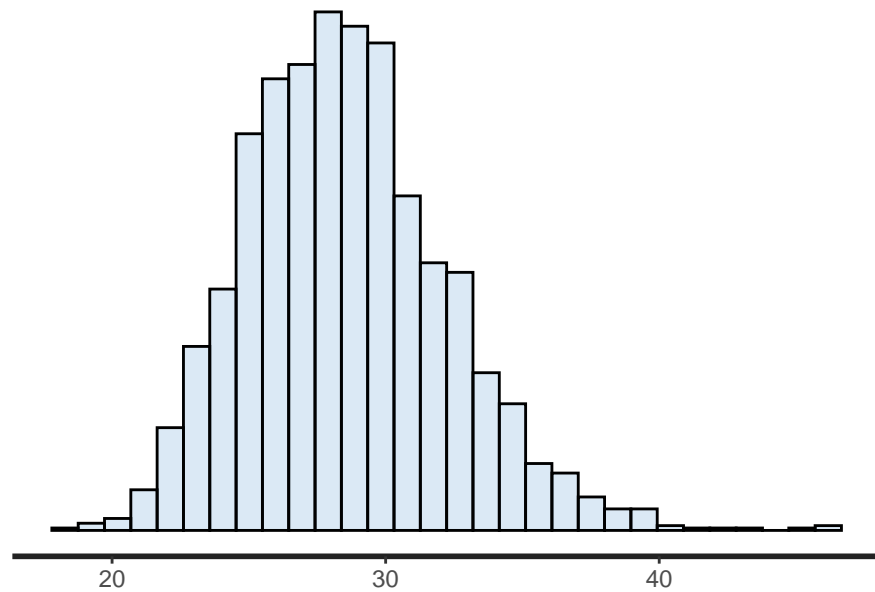




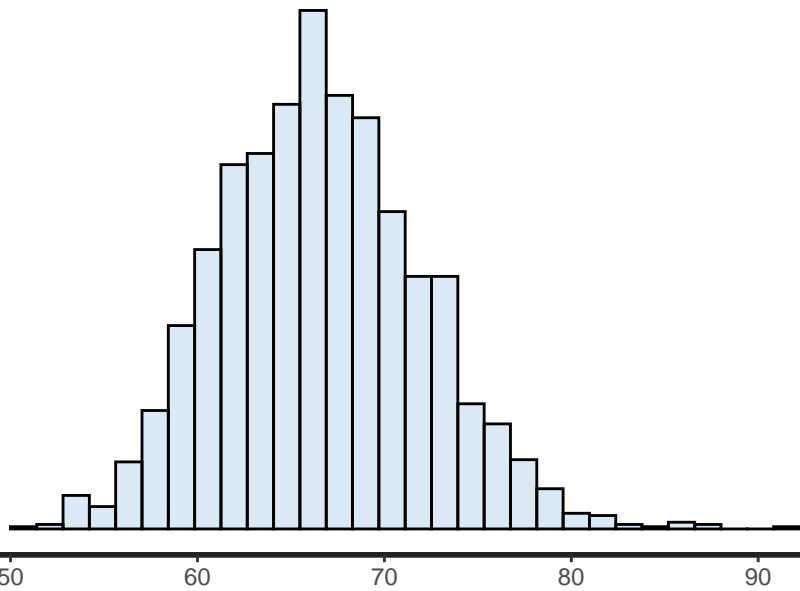
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

