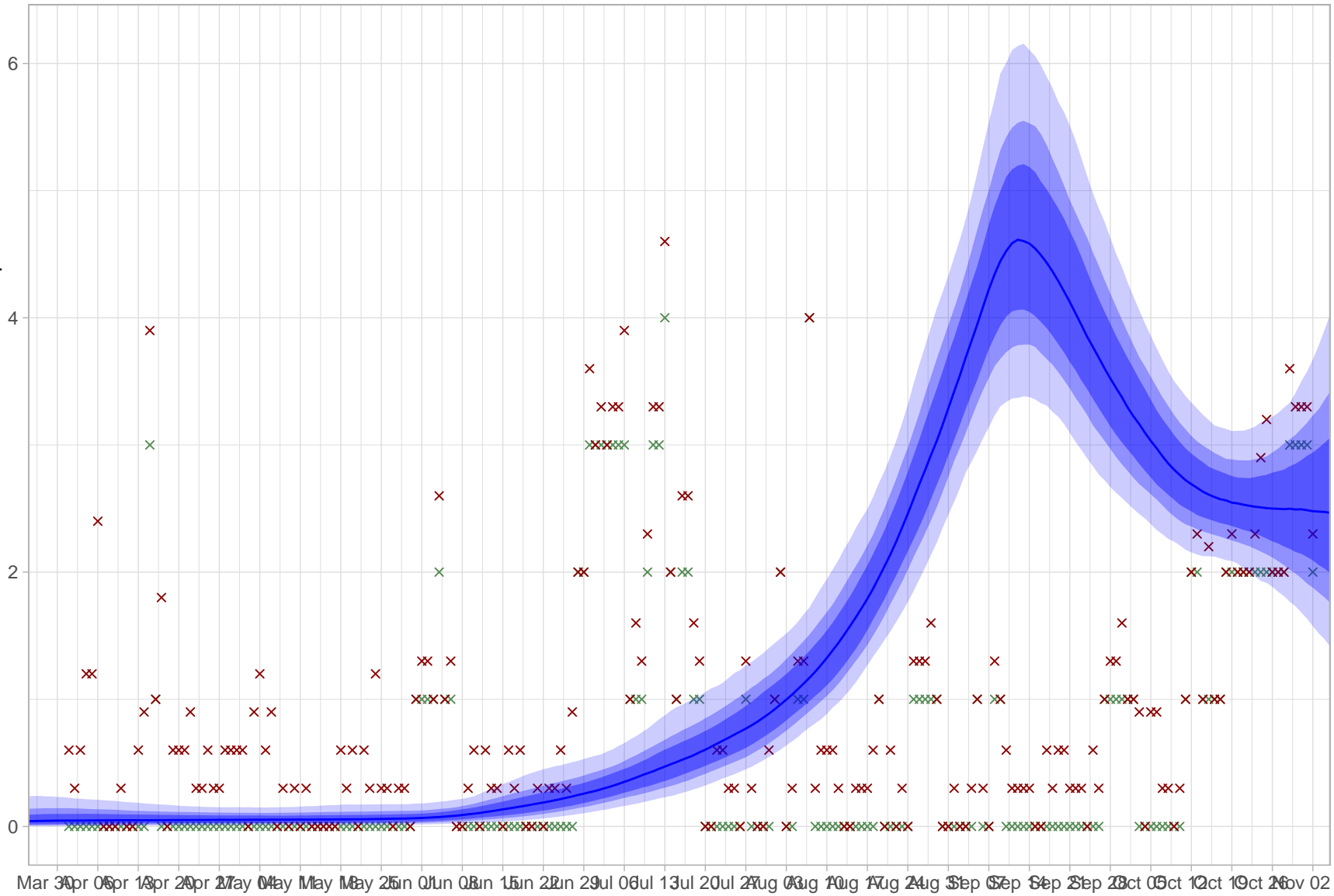


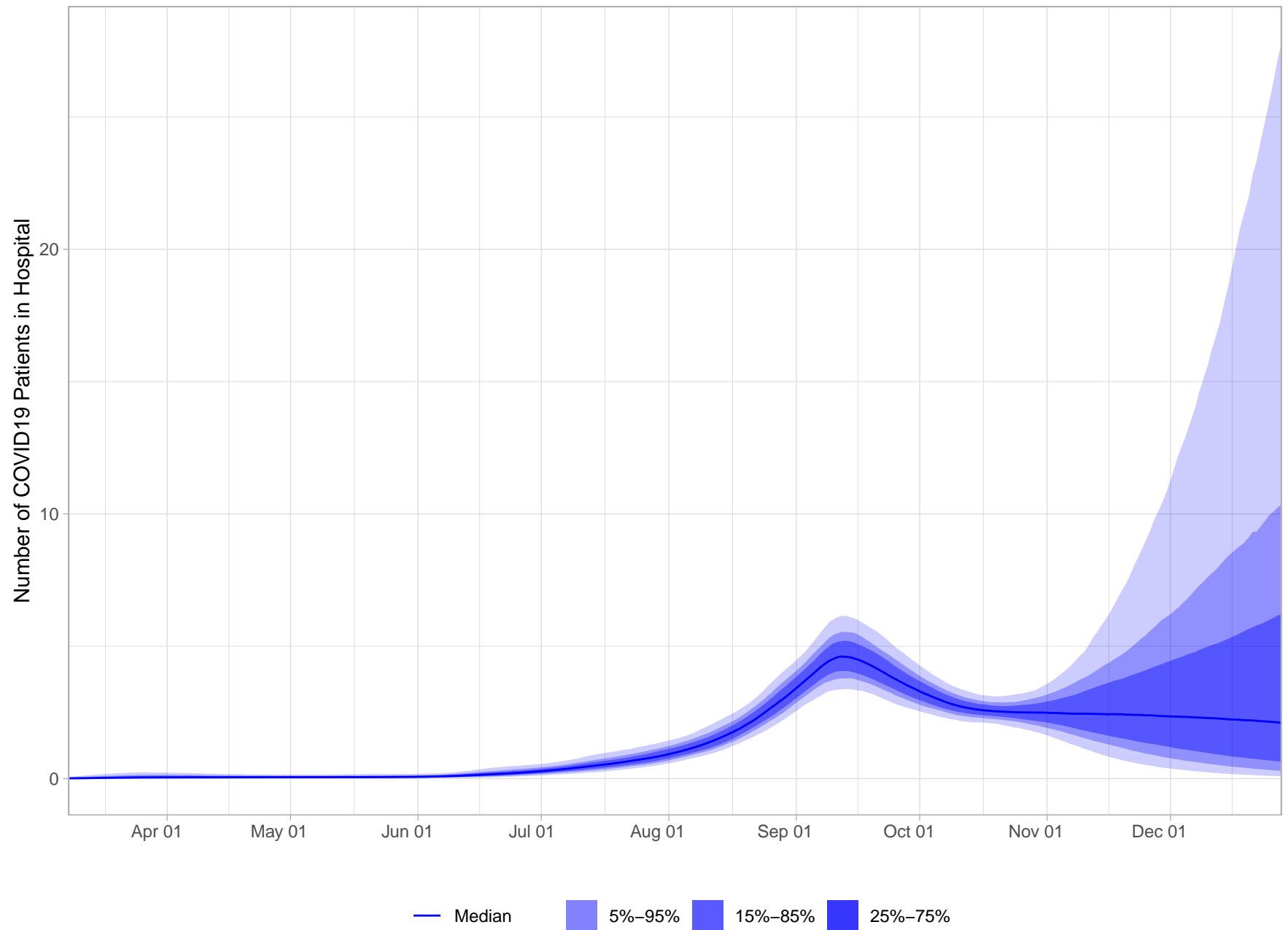
# Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital



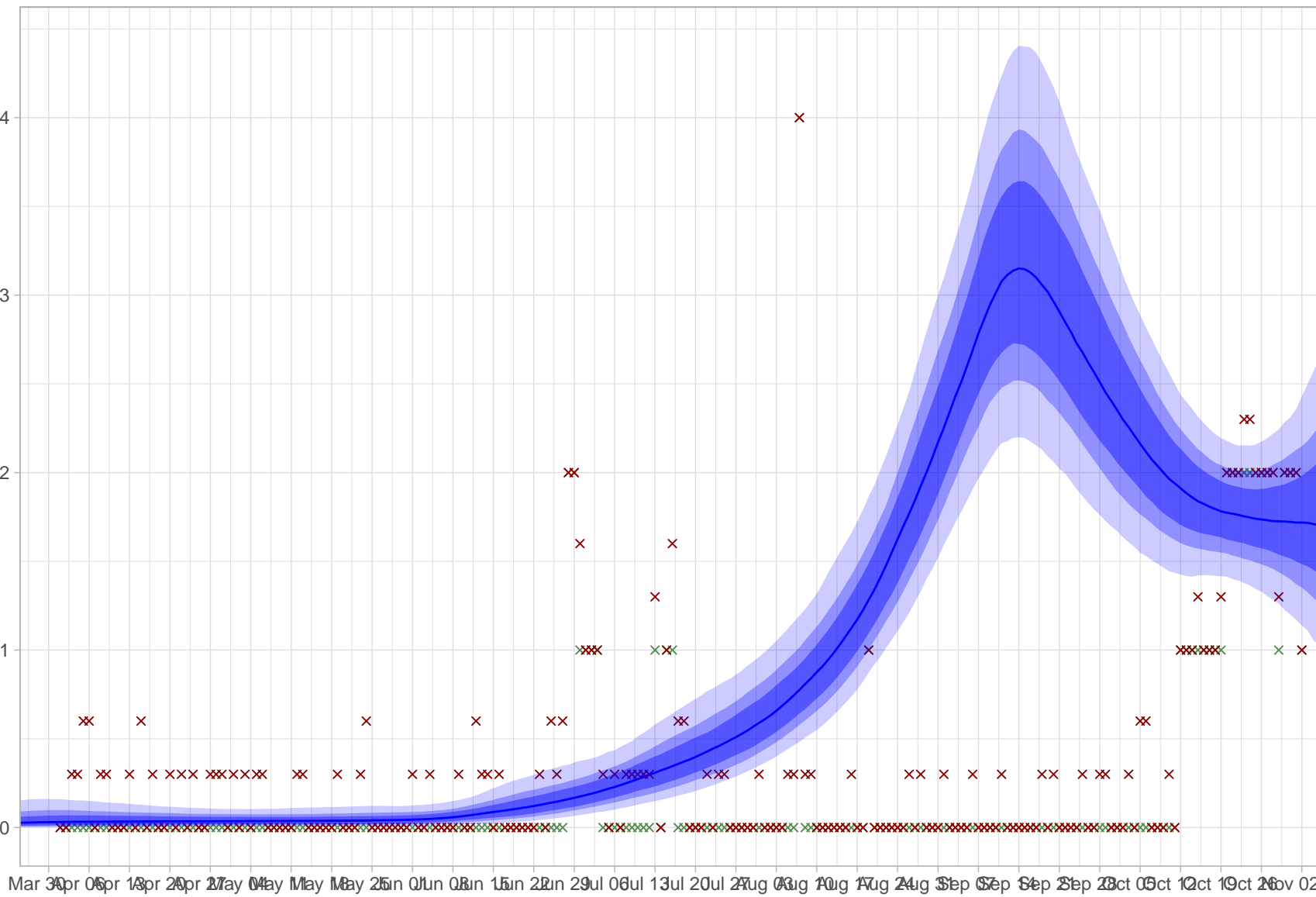
— Median
 x Confirmed
 x Confirmed + 30%PUI
  5%–95%
  15%–85%
  25%–75%

# Long Term Hospitalization Projection



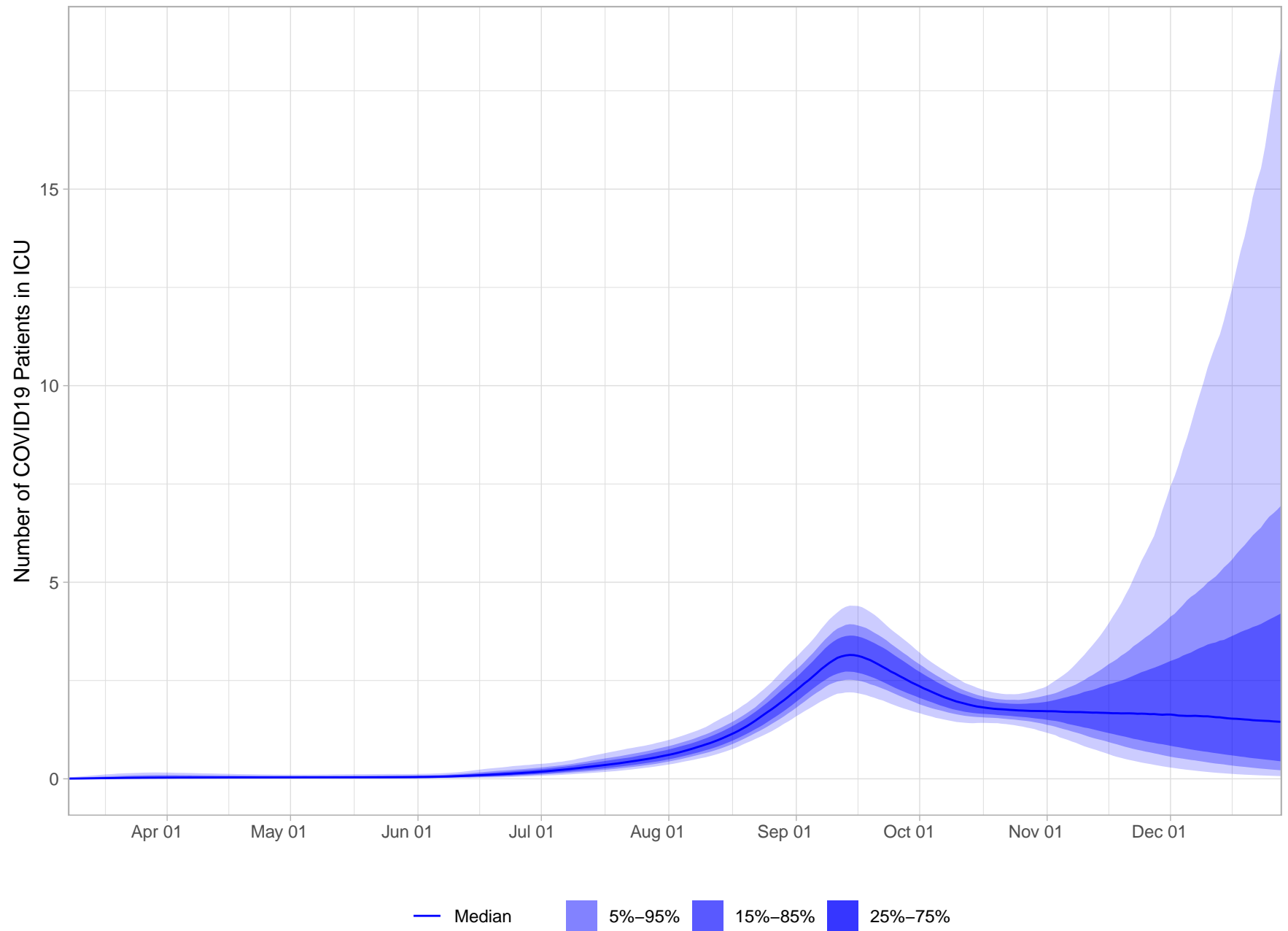
# Short Term ICU Projection

Number of COVID19 Patients in ICU

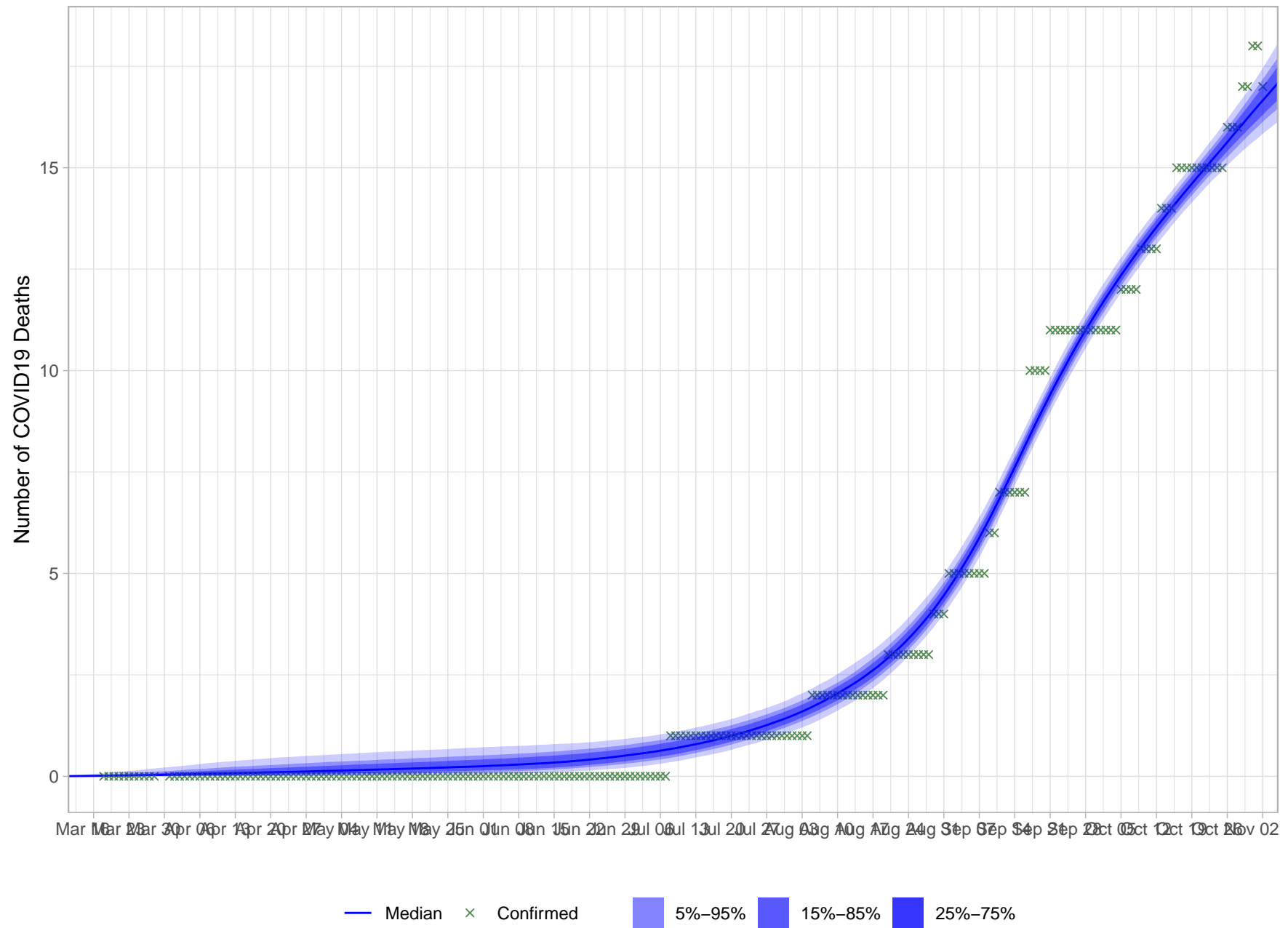


Median x Confirmed x Confirmed + 30%PUI 5%-95% 15%-85% 25%-75%

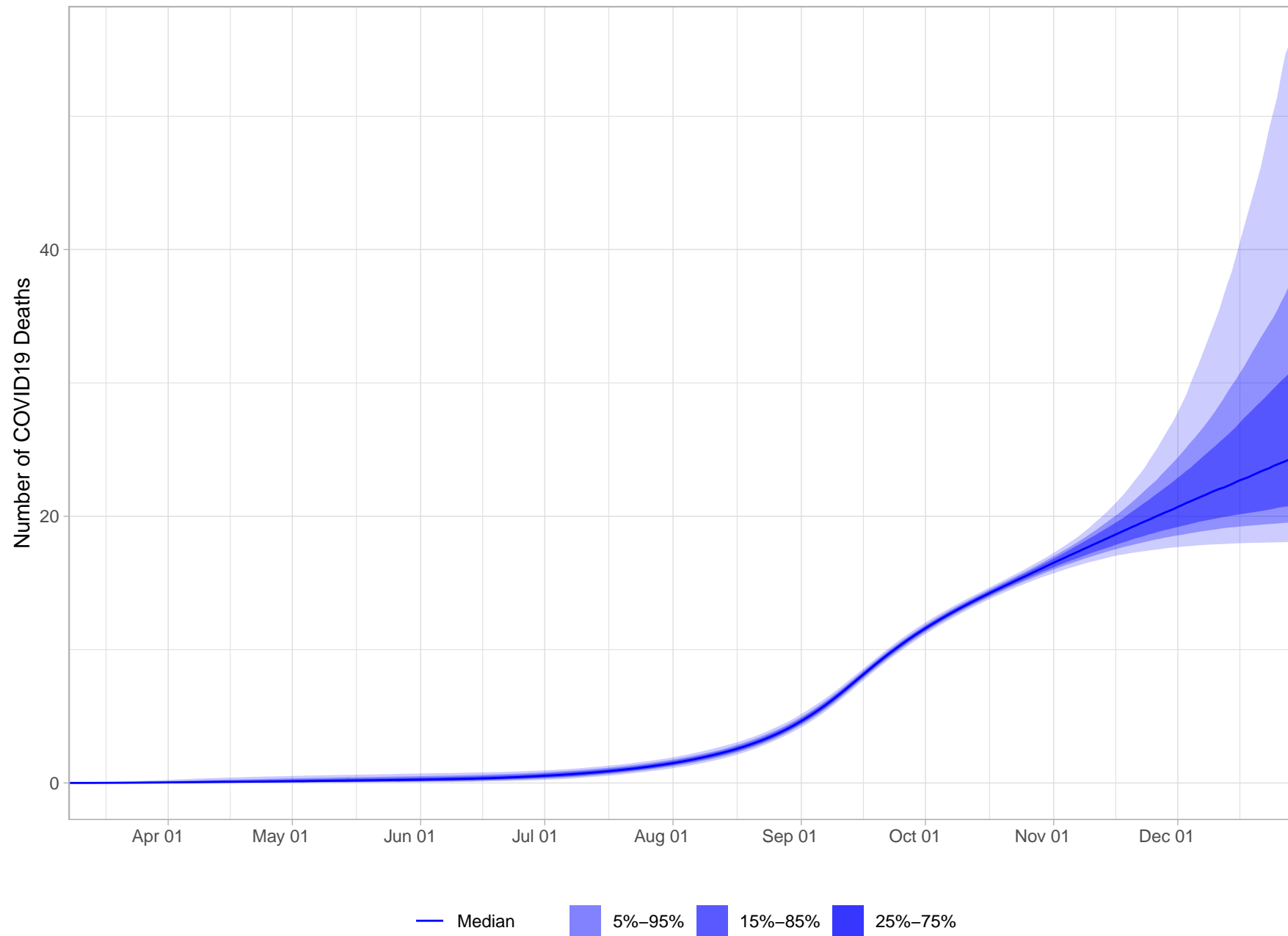
# Long Term ICU Projection



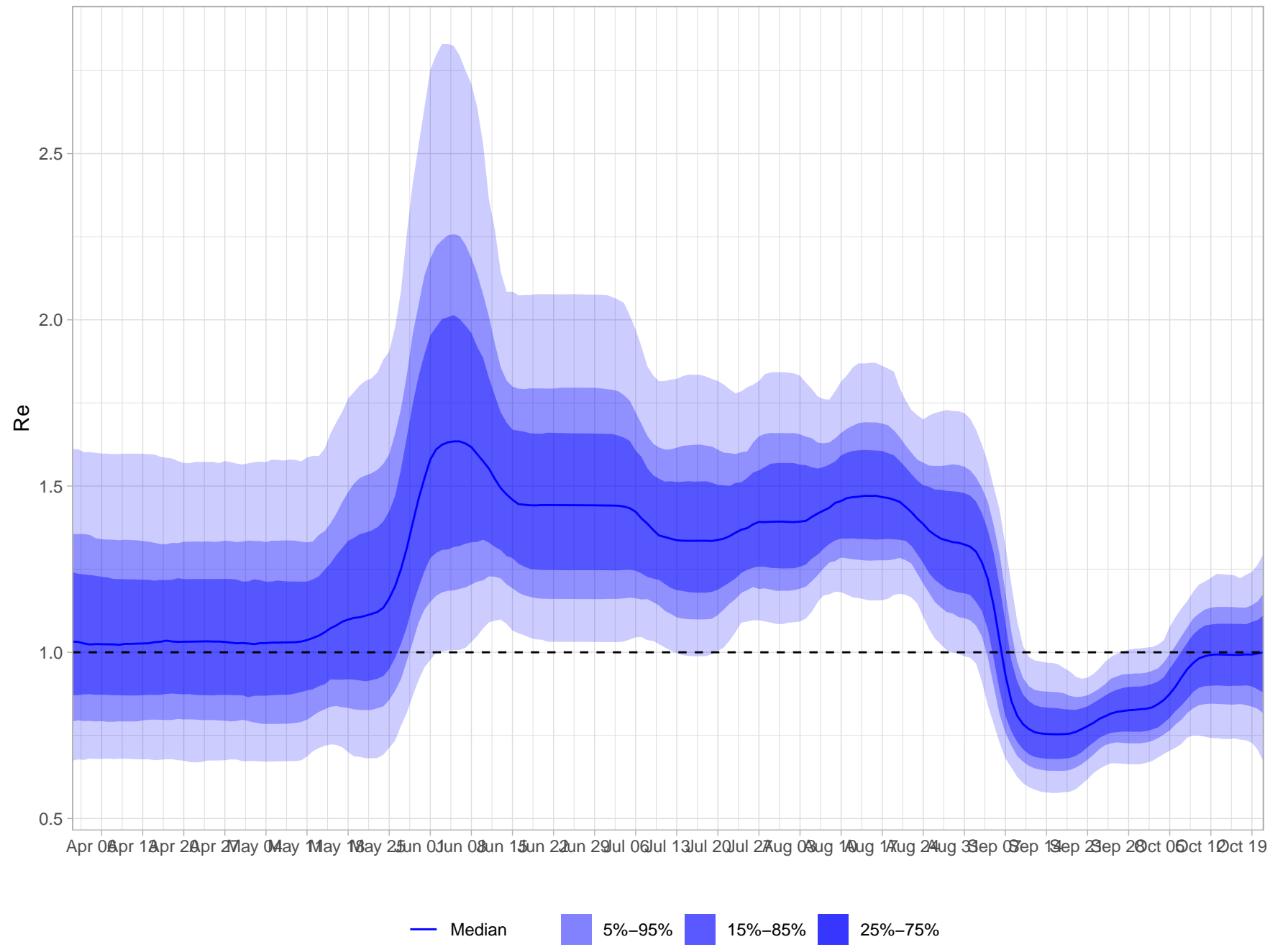
# Short Term Death Projection



# Long Term Death Projection

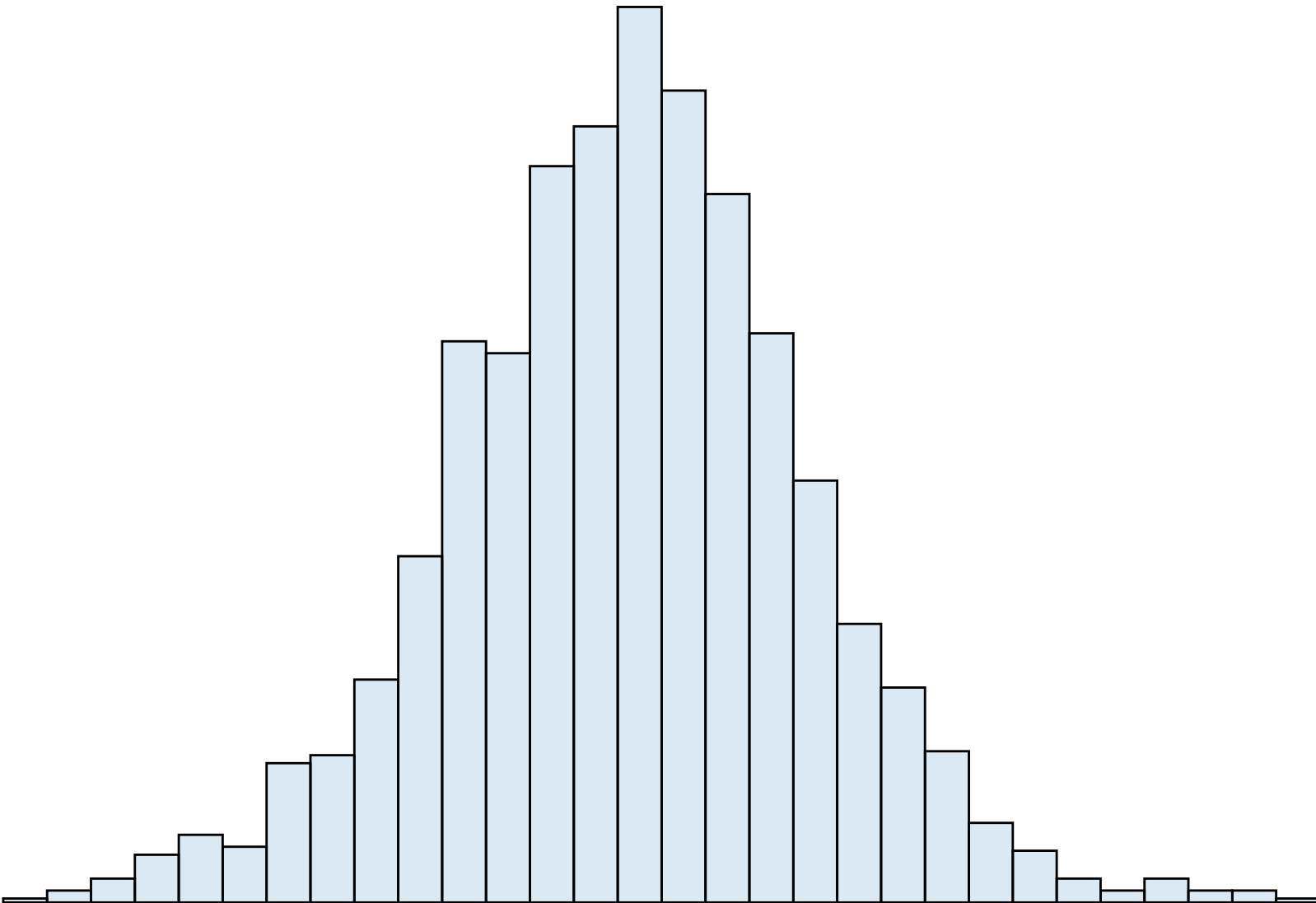


Effective Reproduction Number



# Rt as of 2020-10-21

5%   10%   25%   50%   75%   90%   95%  
0.67   0.77   0.88   1.00   1.11   1.22   1.30

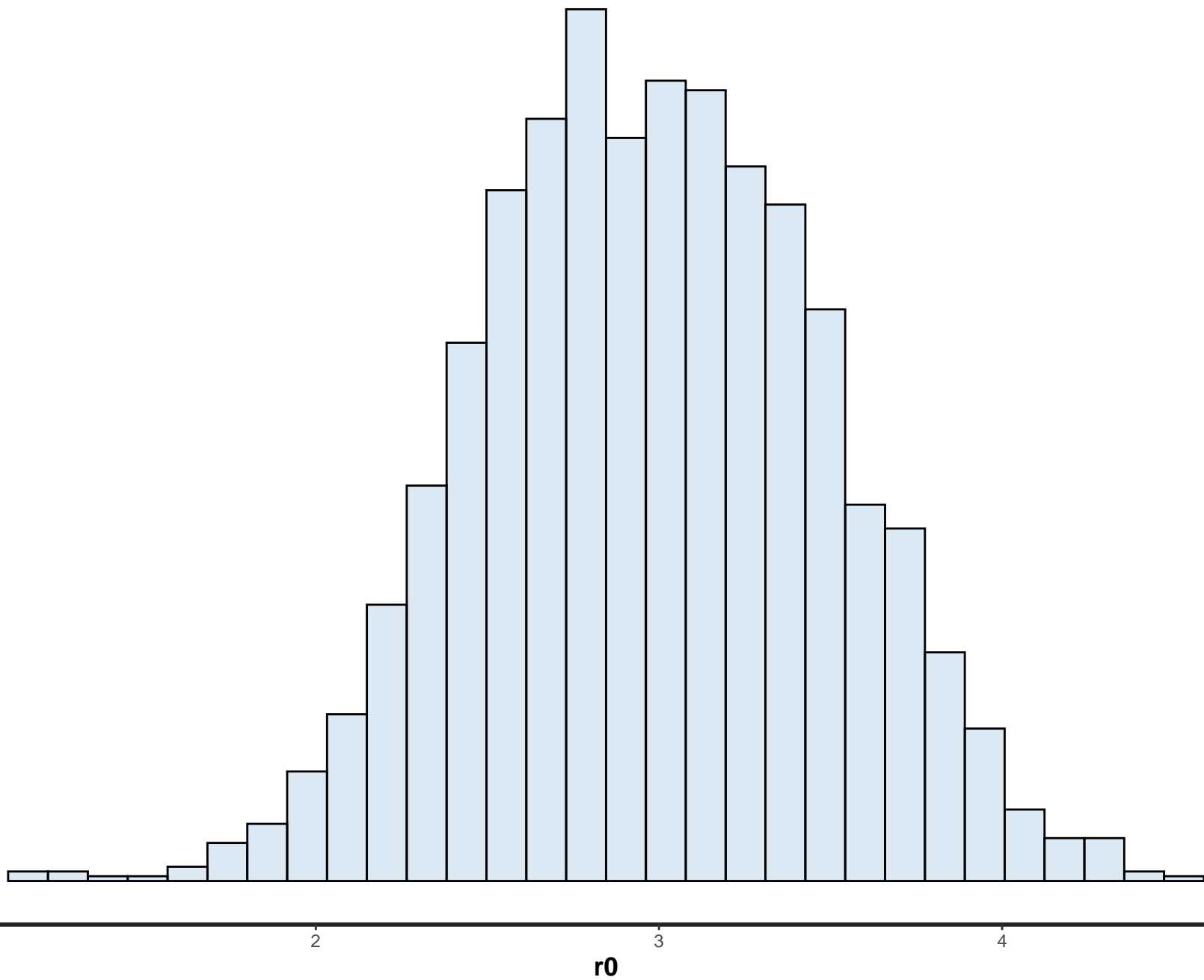


0.5

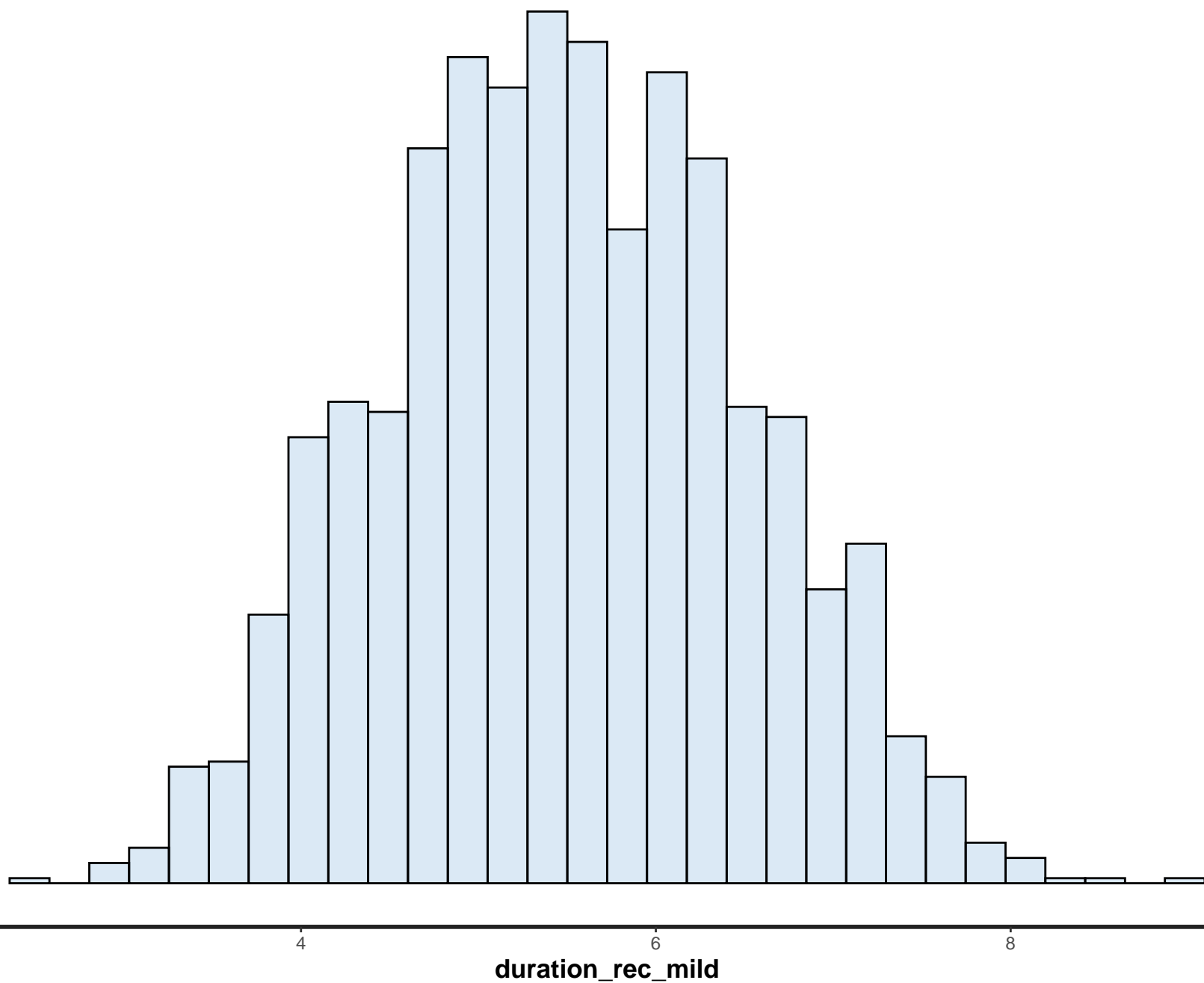
1.0

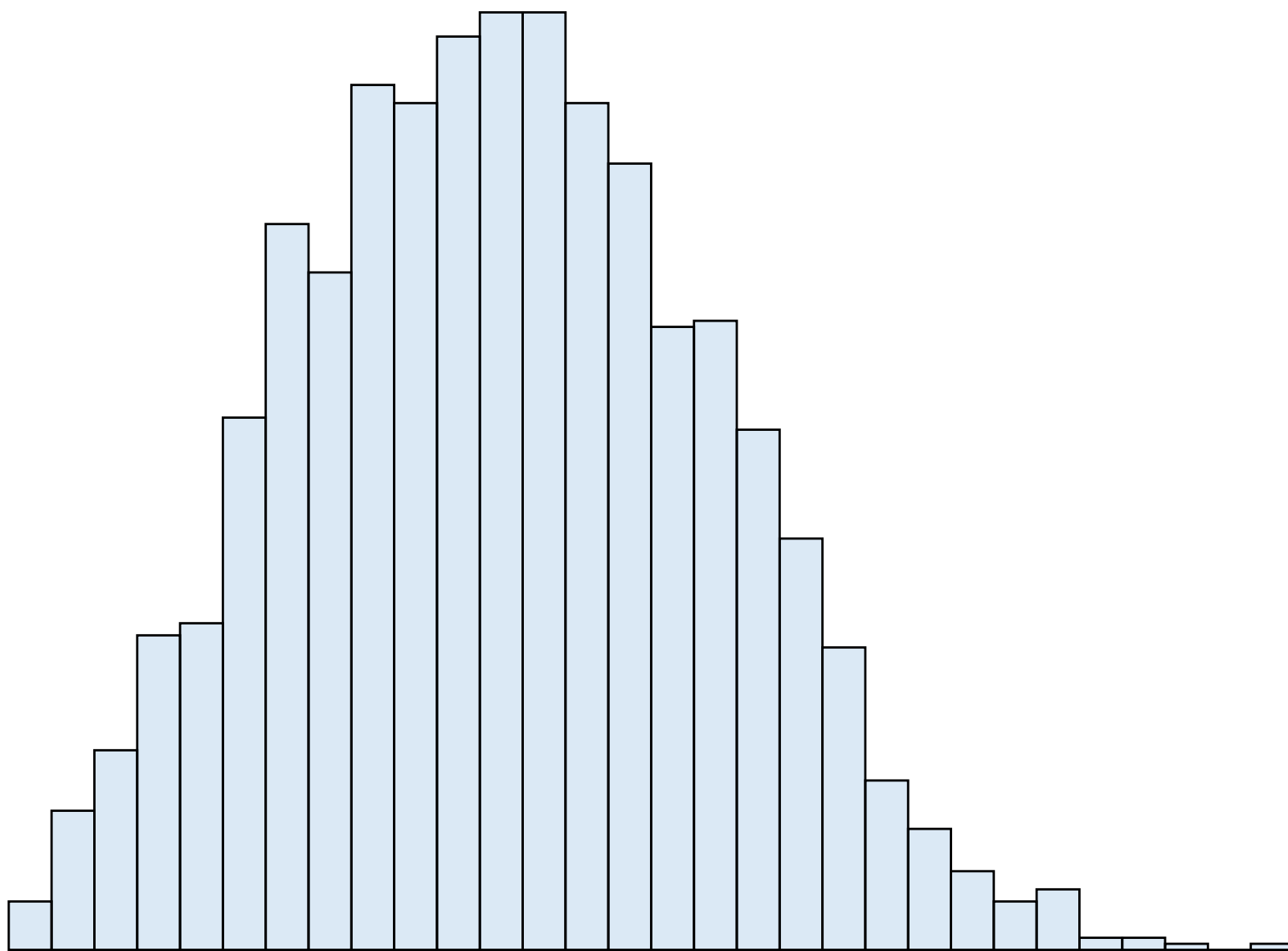
1.5



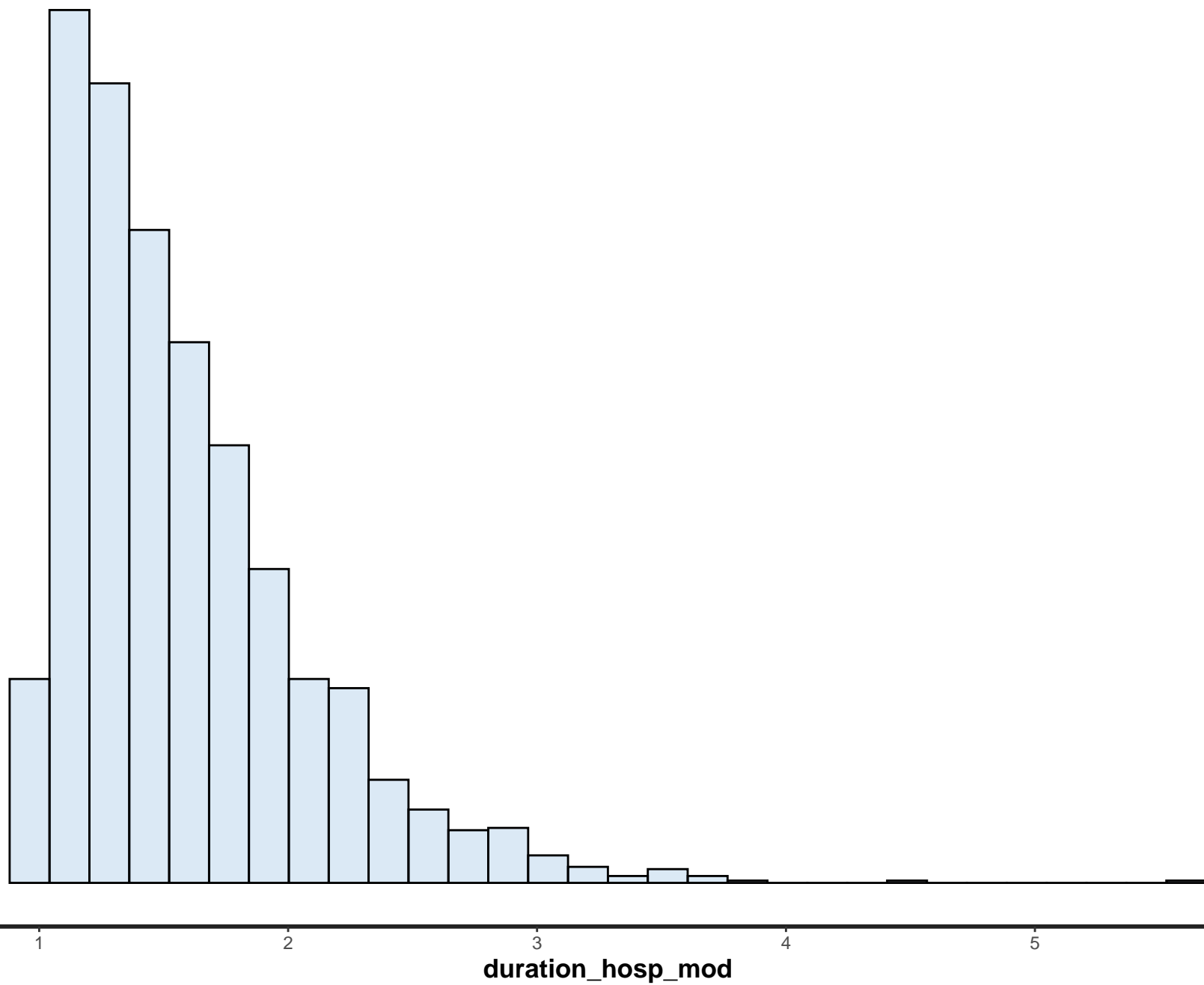


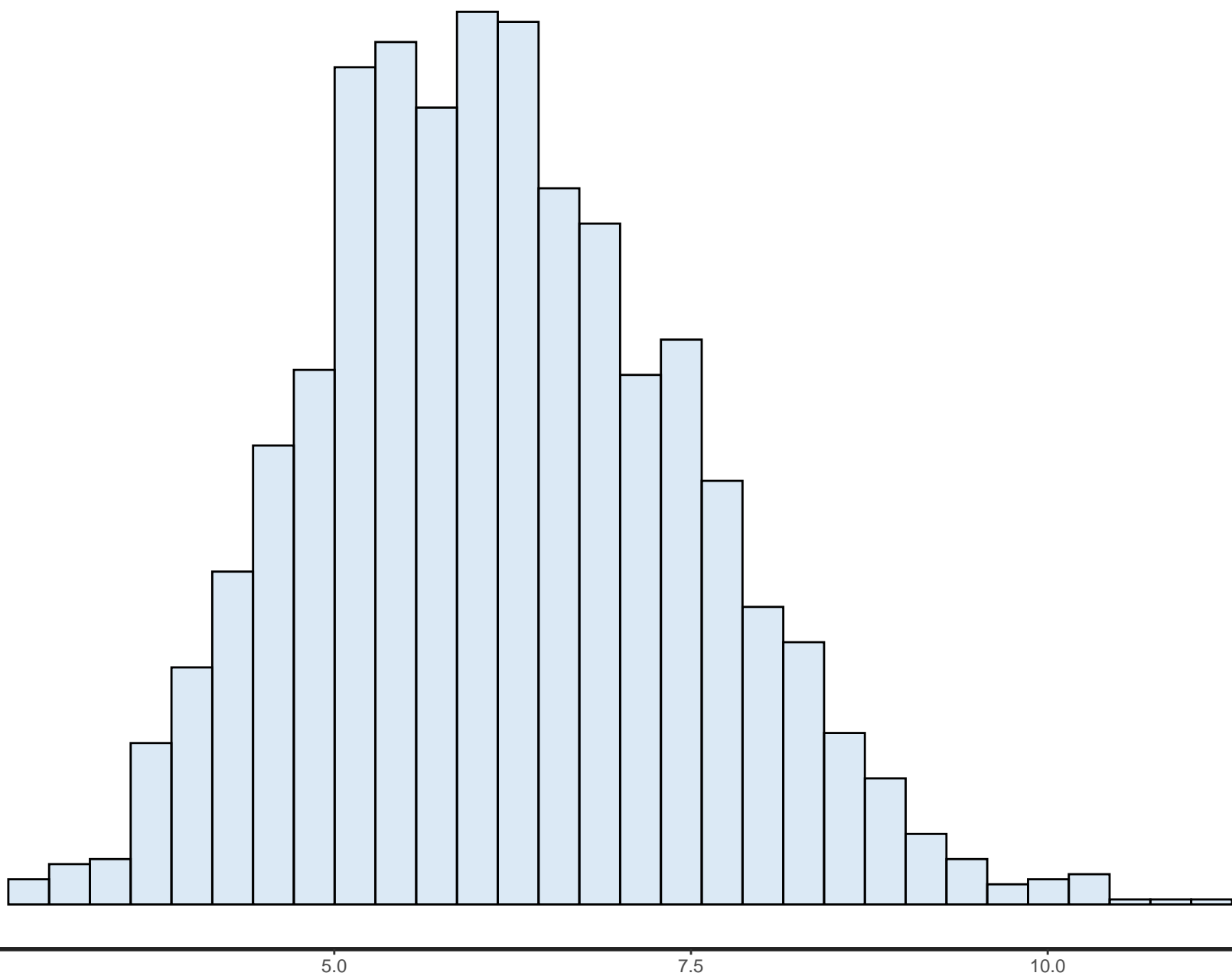


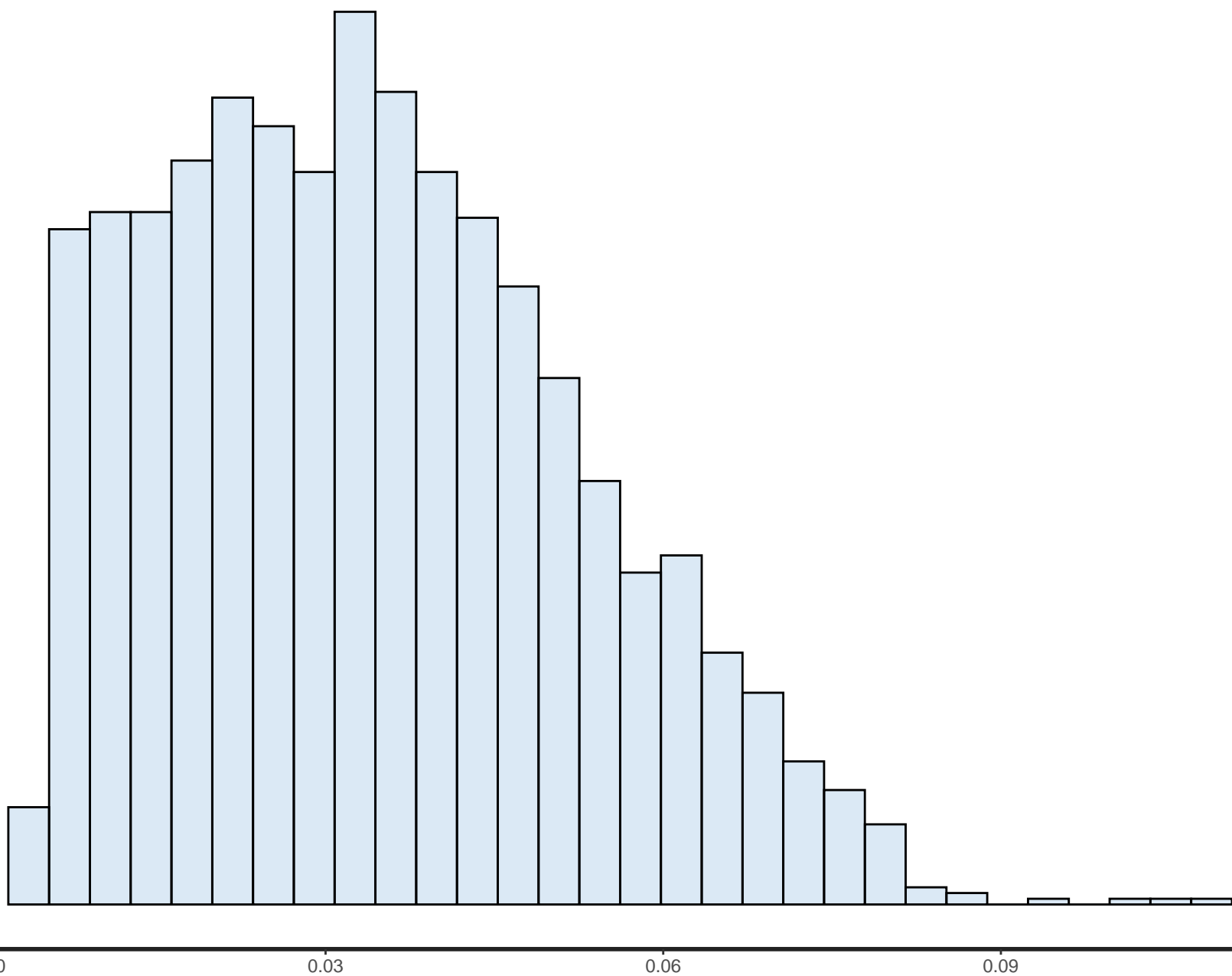


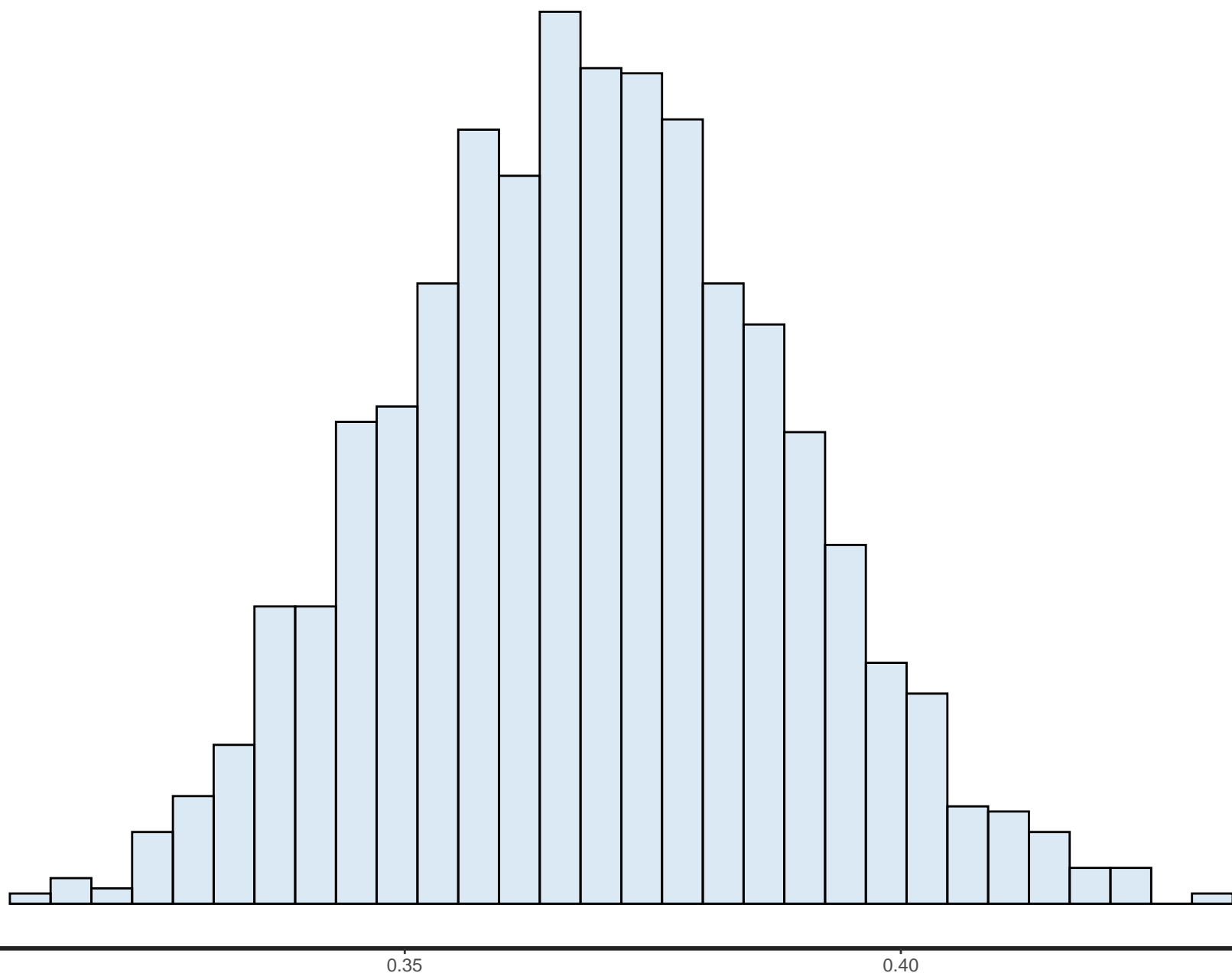


duration\_pre\_hosp

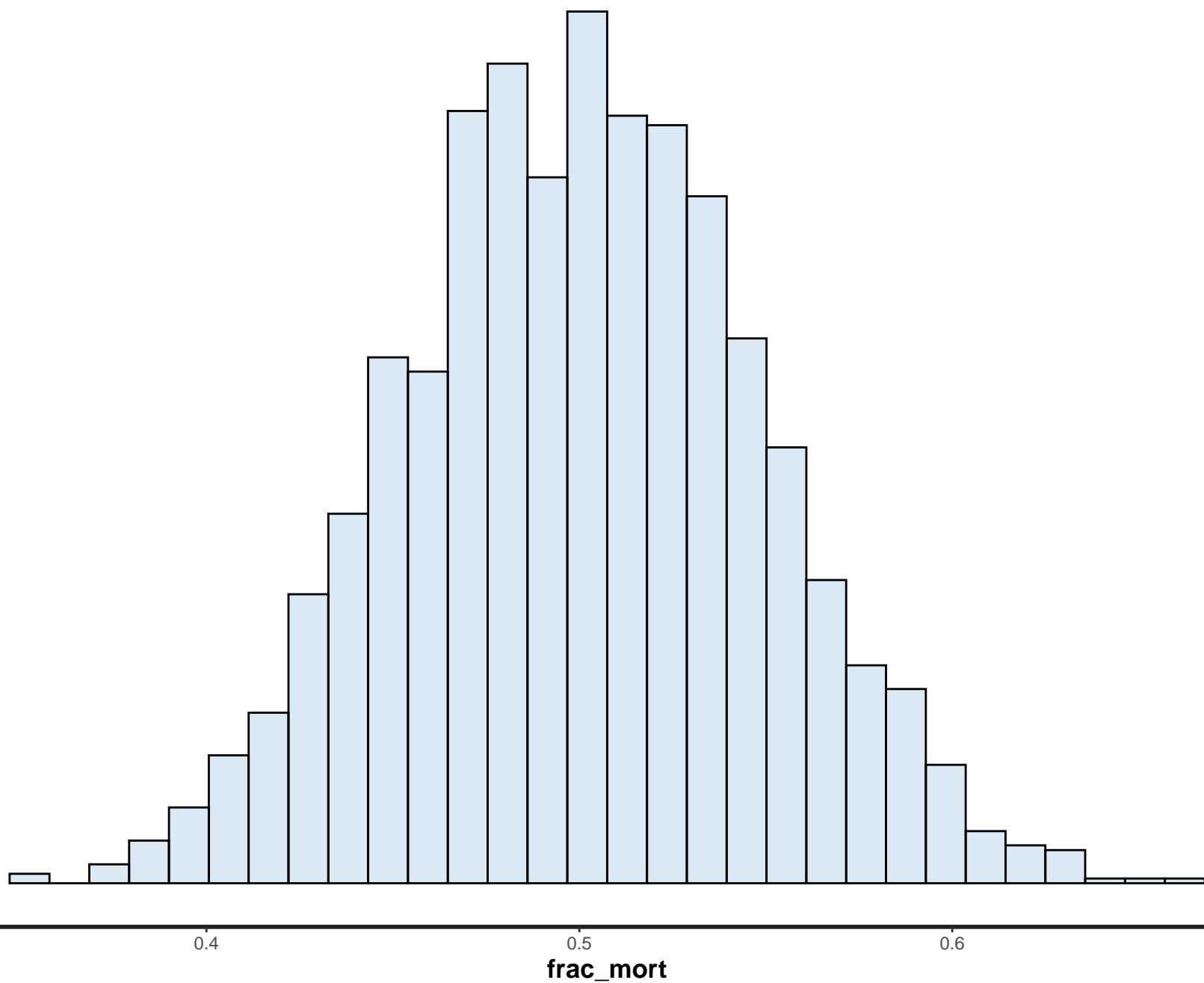




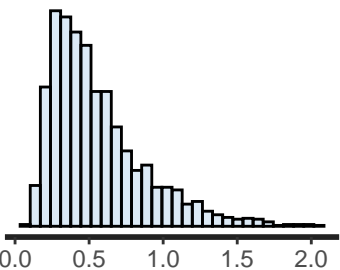




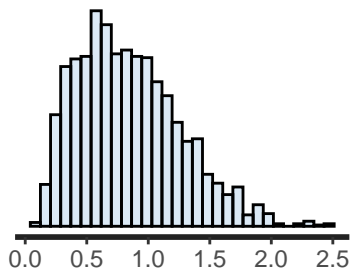




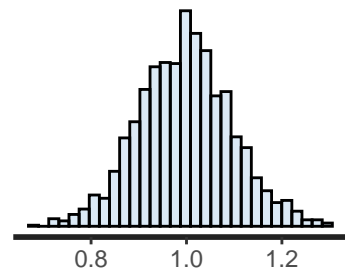
**beta\_multiplier[1]**



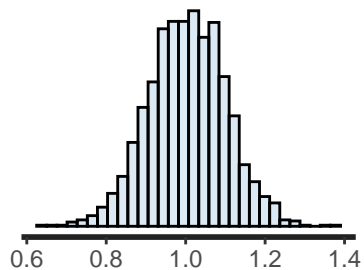
**beta\_multiplier[2]**



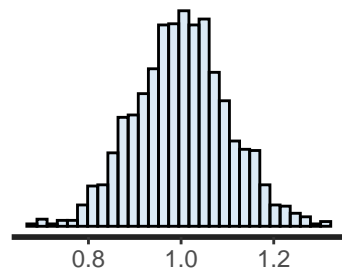
**beta\_multiplier[3]**



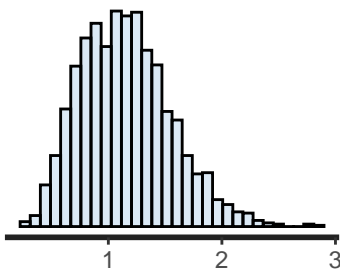
**beta\_multiplier[4]**



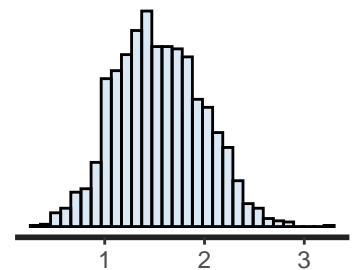
**beta\_multiplier[5]**



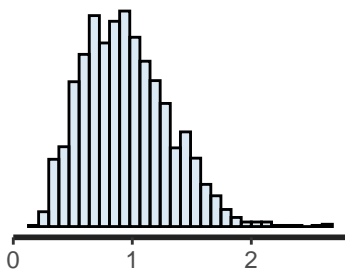
**beta\_multiplier[6]**



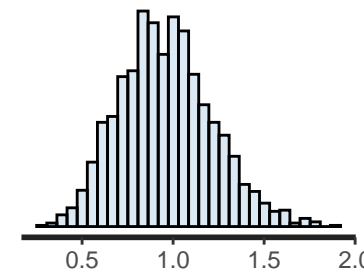
**beta\_multiplier[7]**



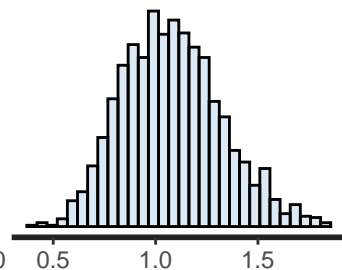
**beta\_multiplier[8]**



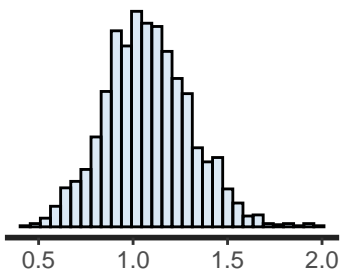
**beta\_multiplier[9]**



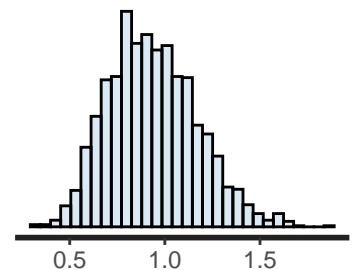
**beta\_multiplier[10]**



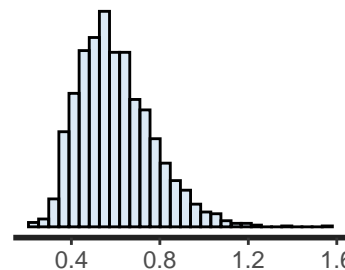
**beta\_multiplier[11]**



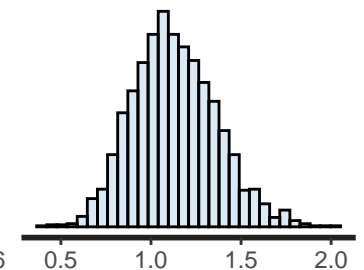
**beta\_multiplier[12]**



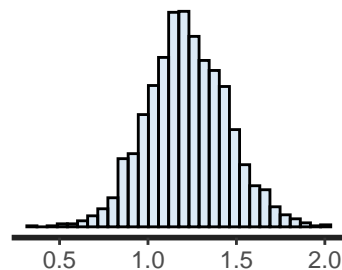
**beta\_multiplier[13]**



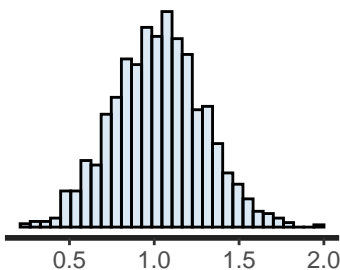
**beta\_multiplier[14]**



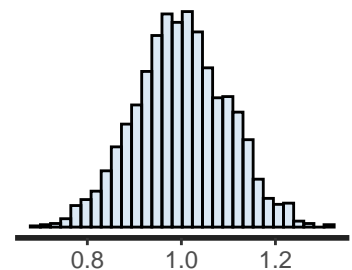
**beta\_multiplier[15]**

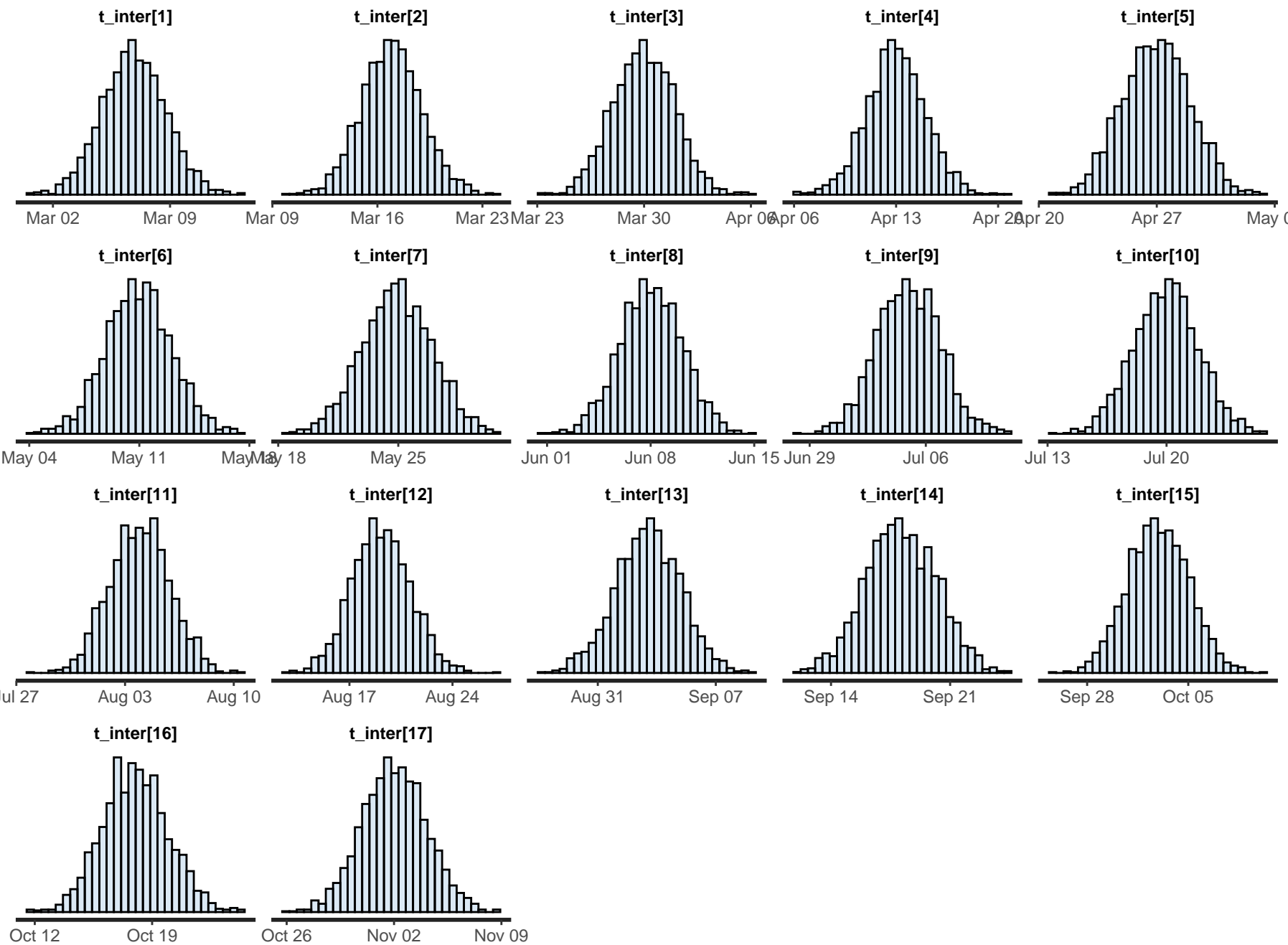


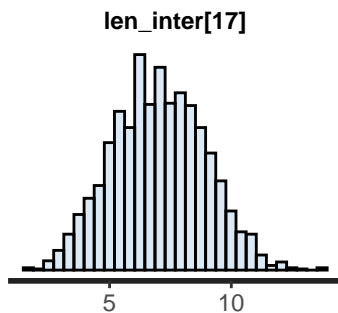
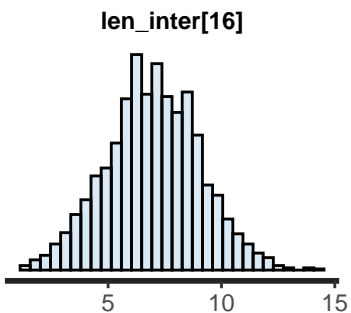
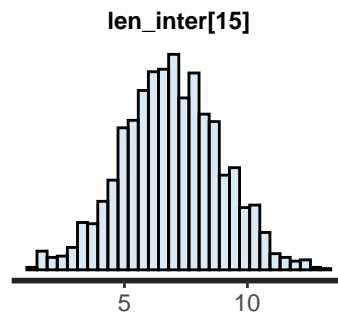
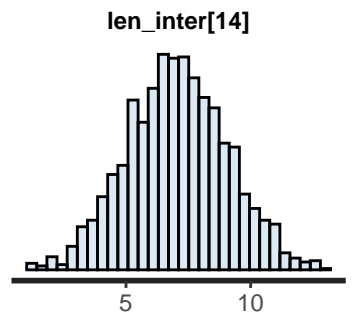
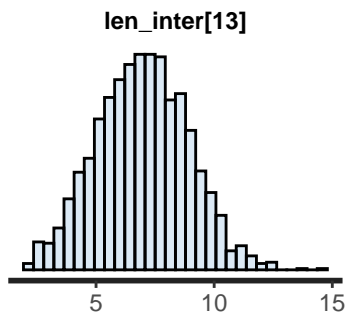
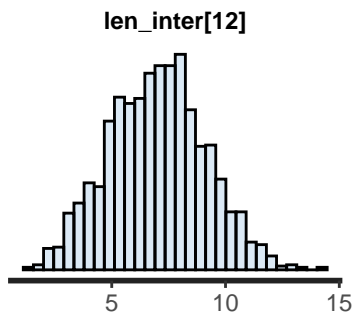
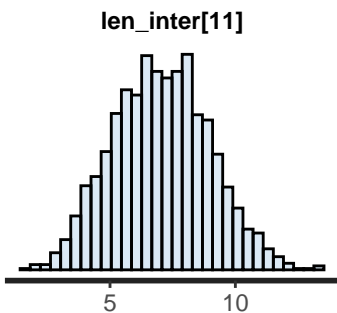
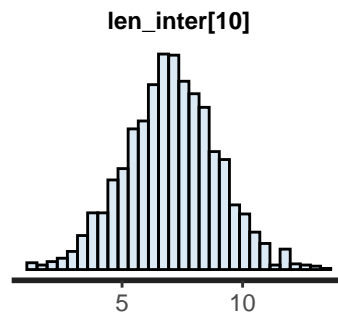
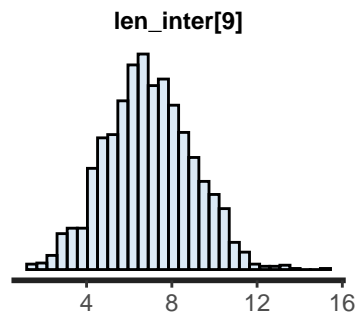
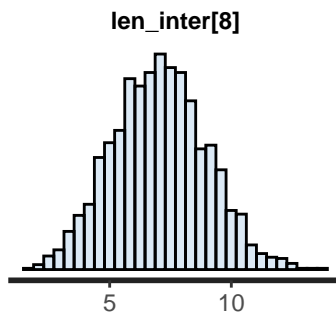
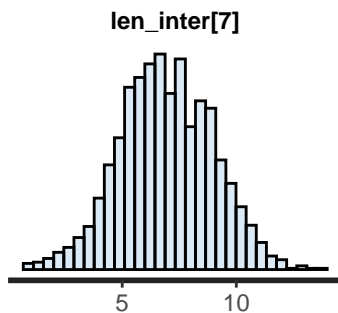
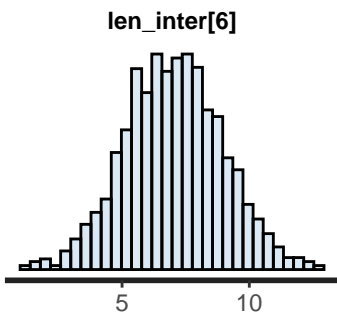
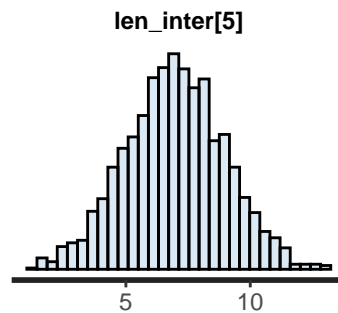
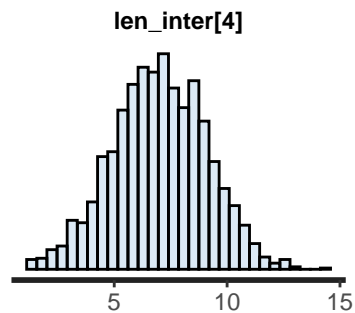
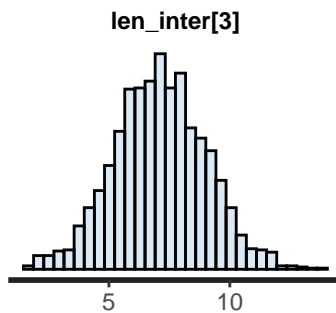
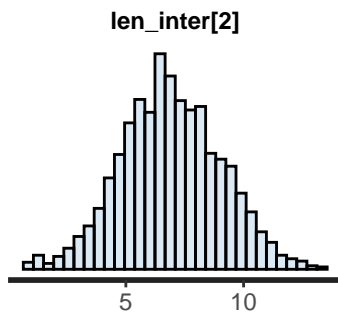
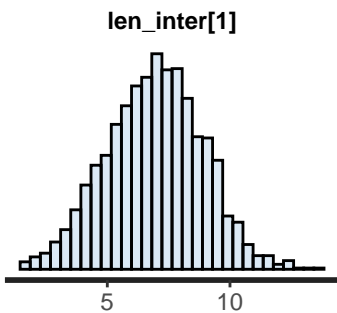
**beta\_multiplier[16]**



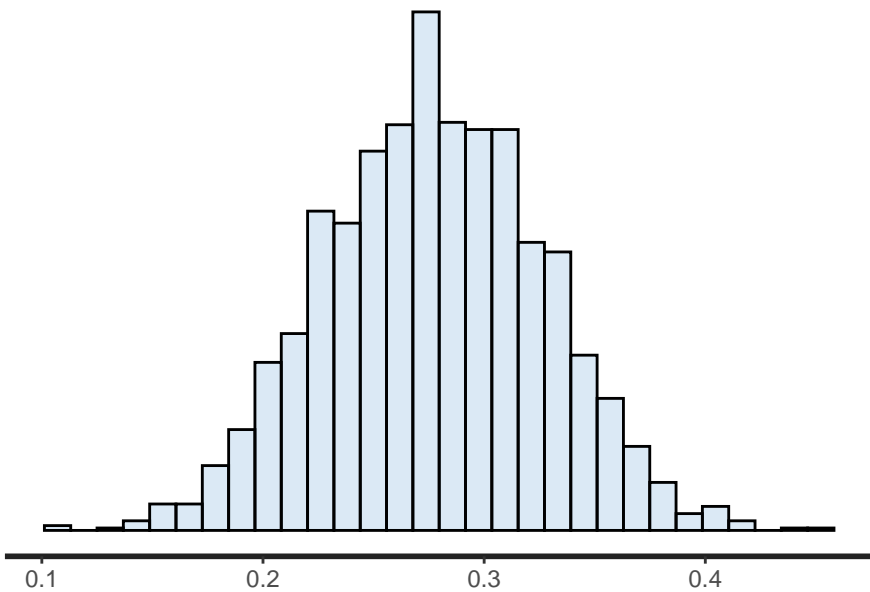
**beta\_multiplier[17]**



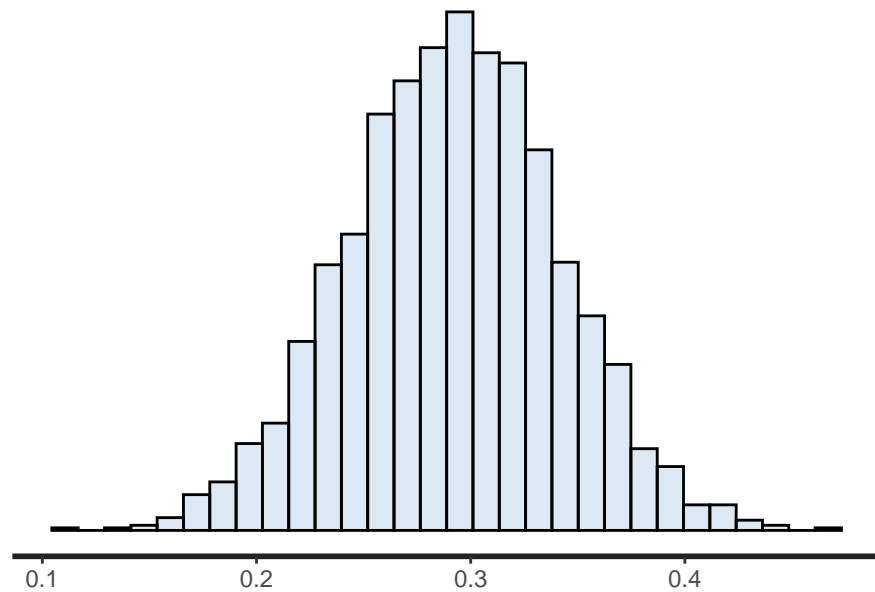




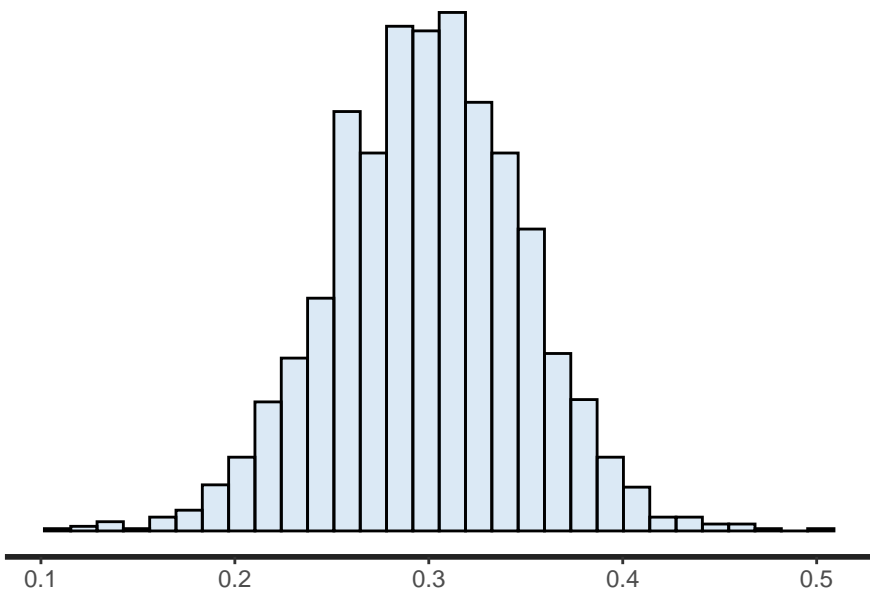
frac\_PUI[1]



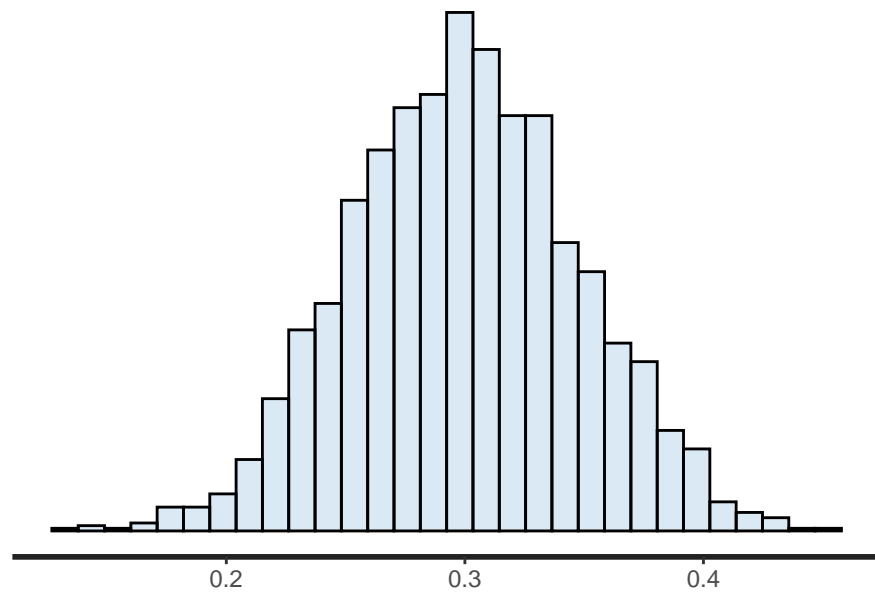
frac\_PUI[2]

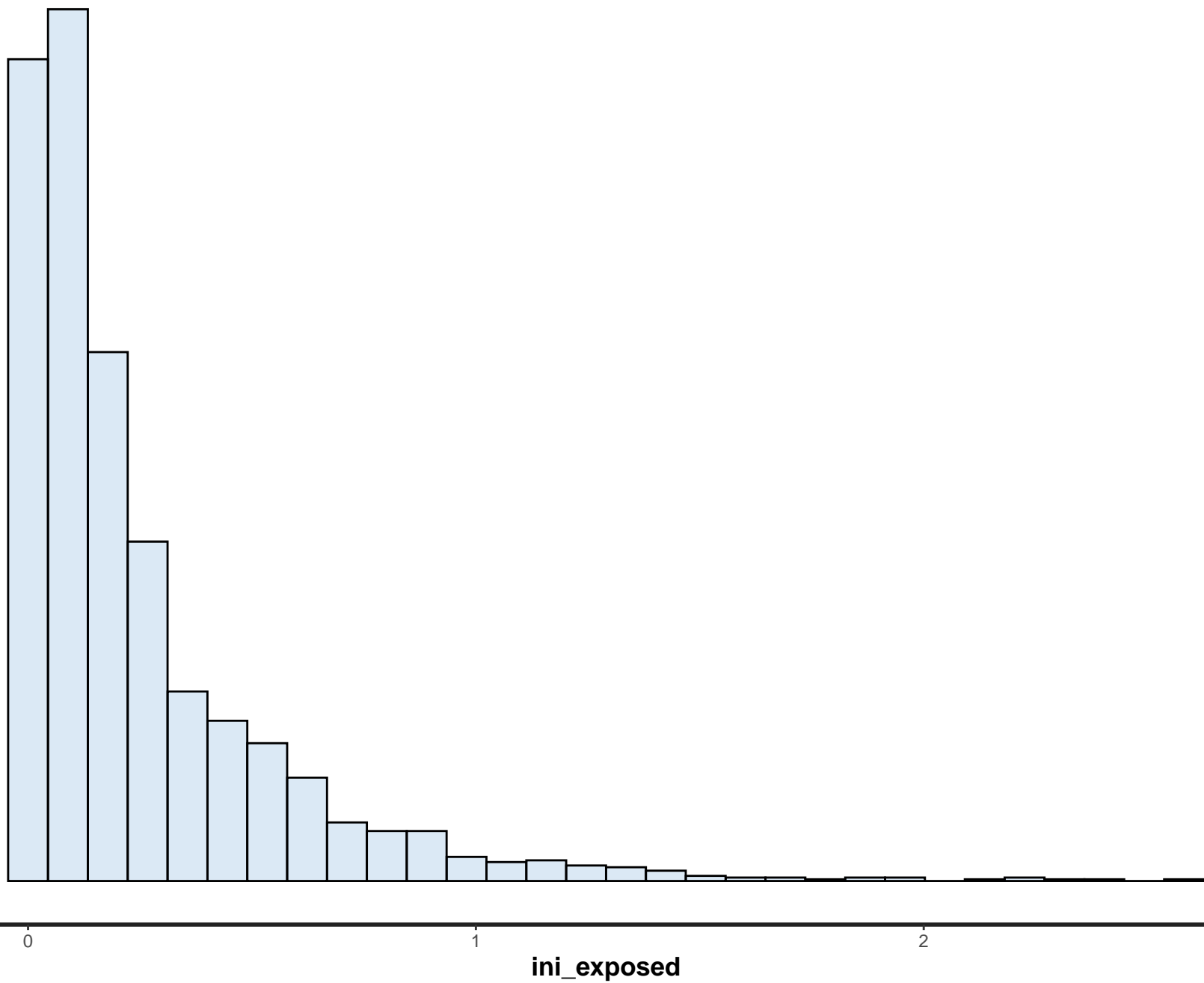


frac\_PUI[3]

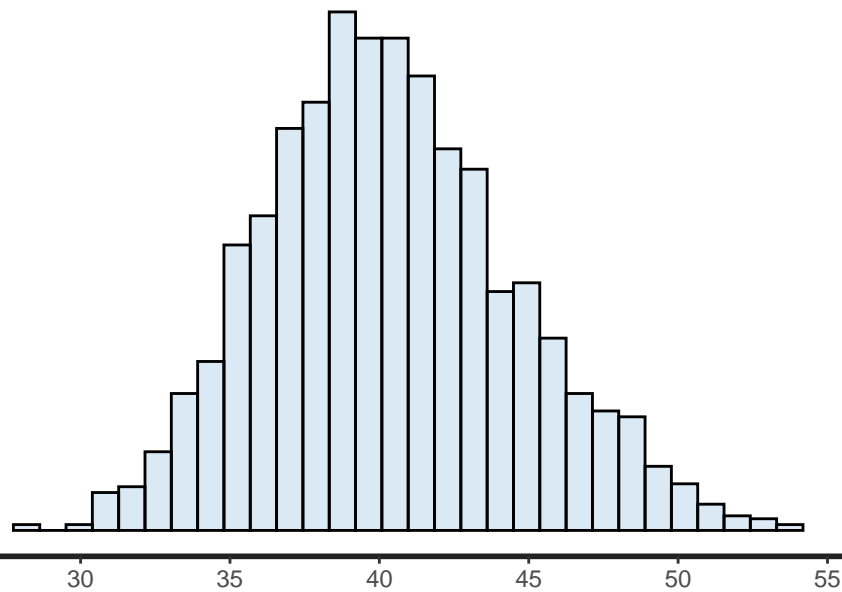


frac\_PUI[4]

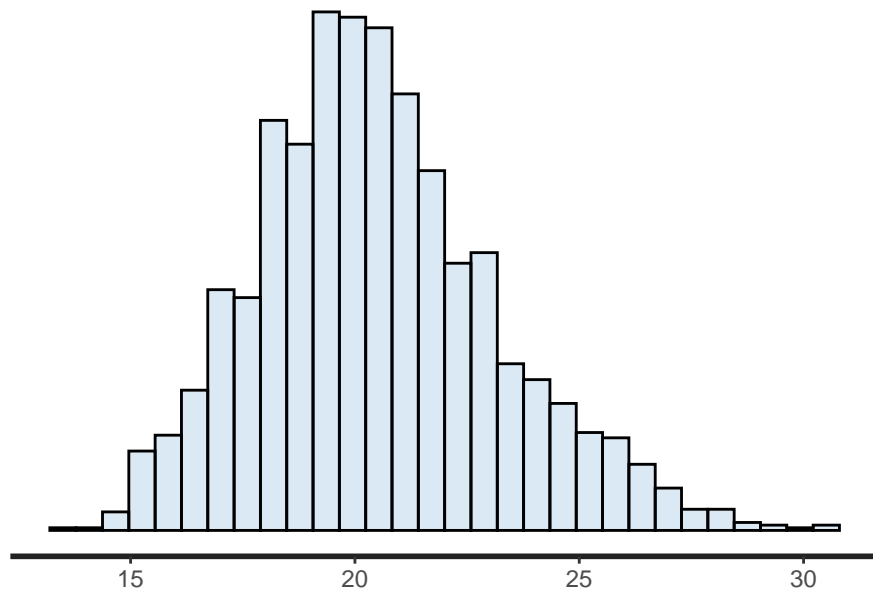




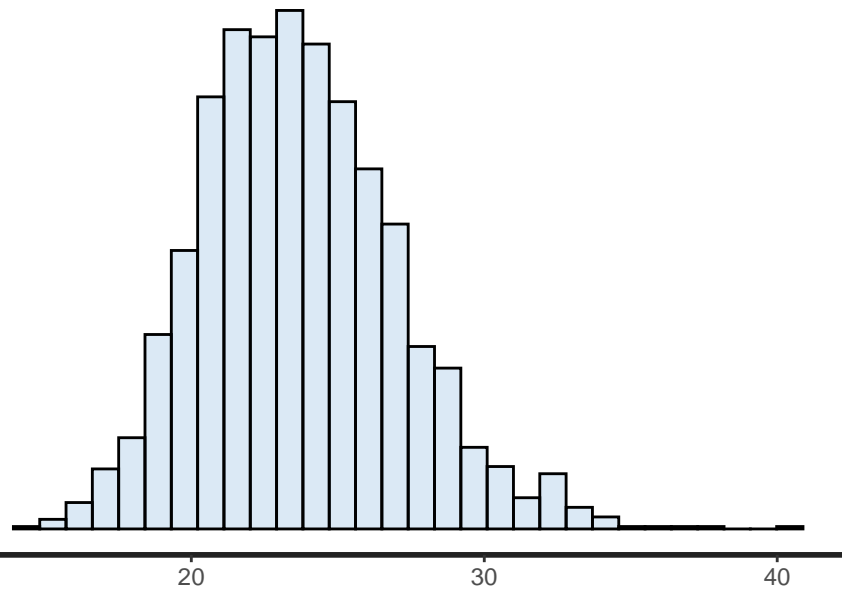
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

