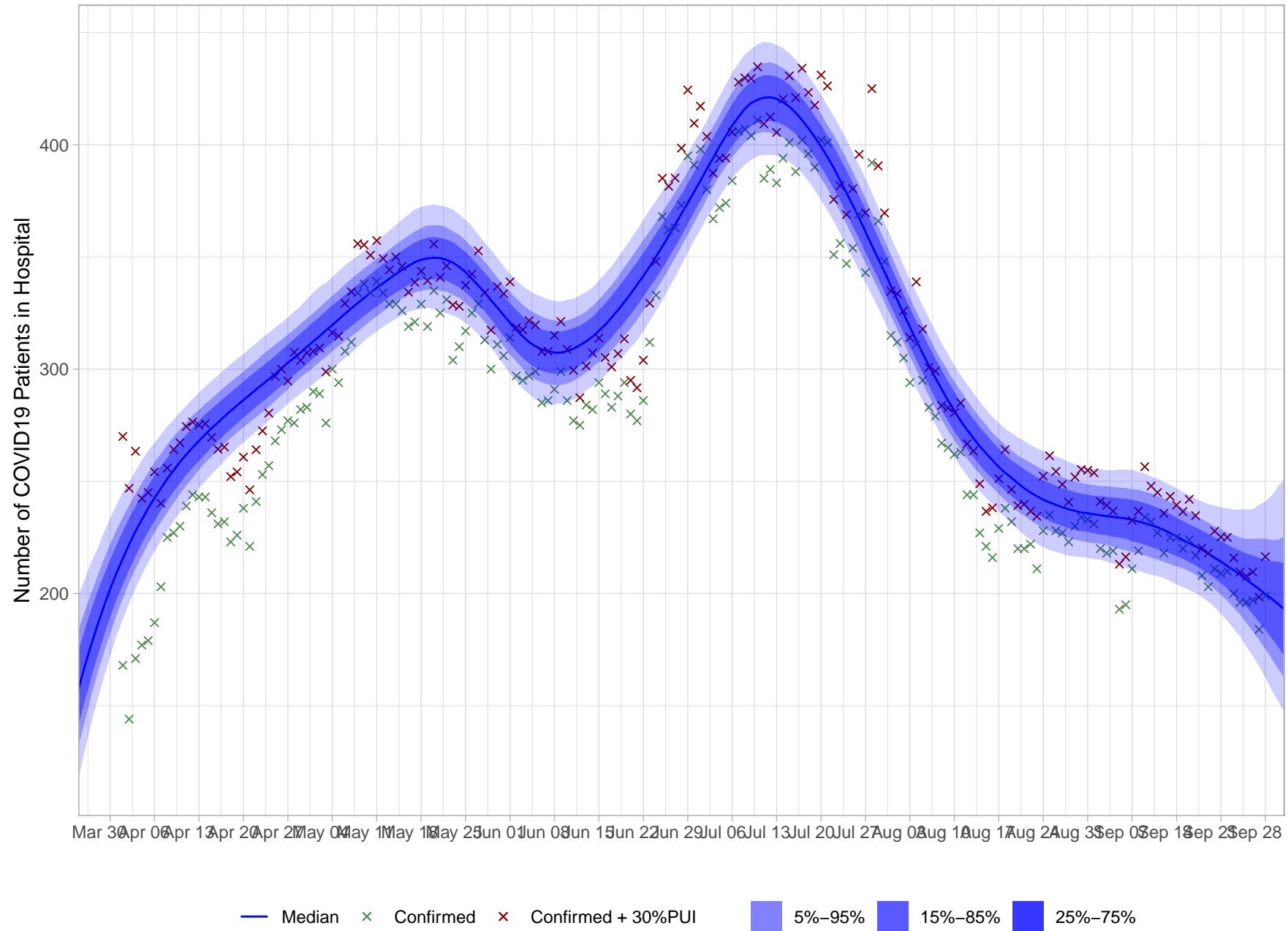
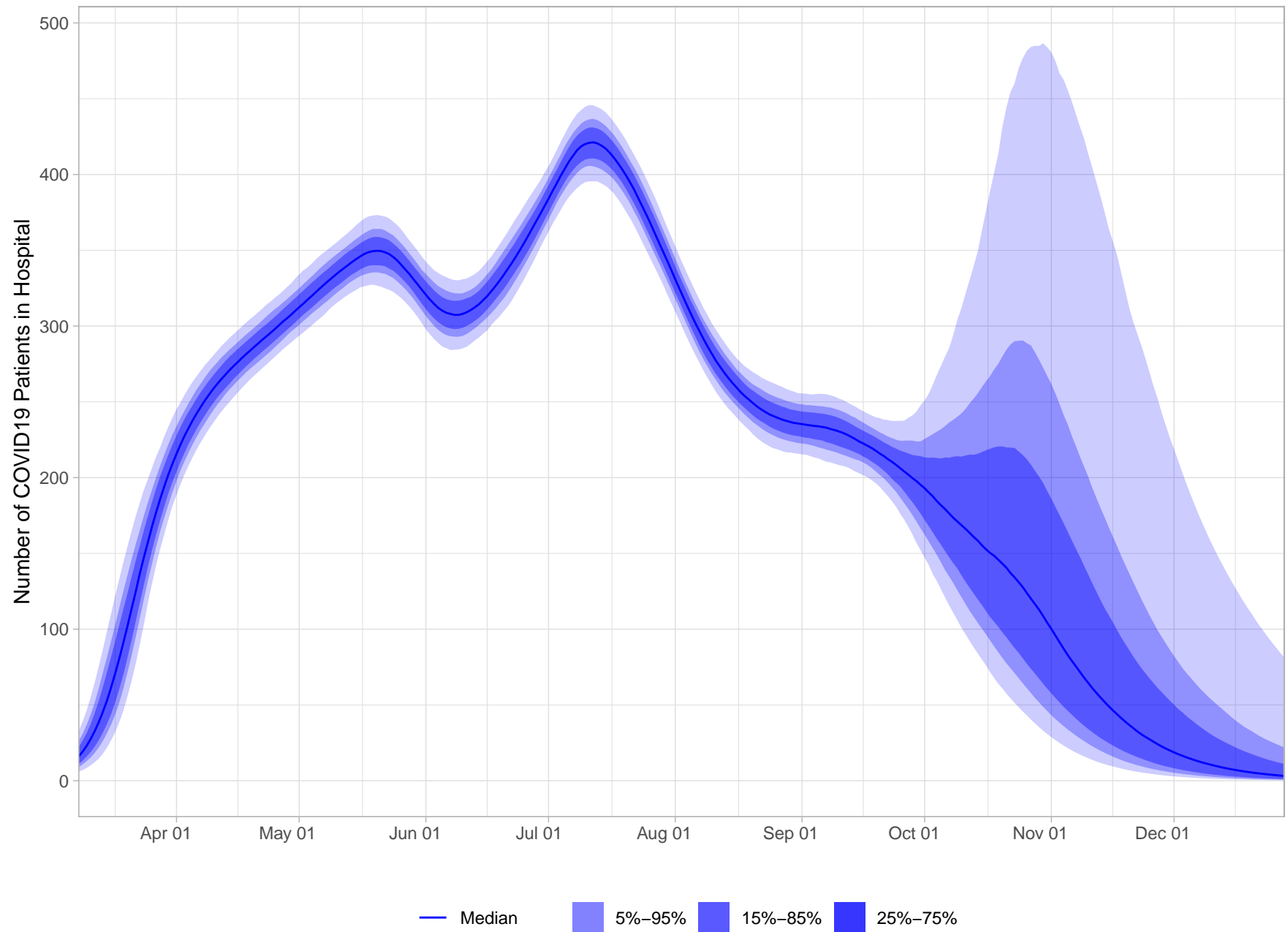


# Short Term Hospitalization Projection

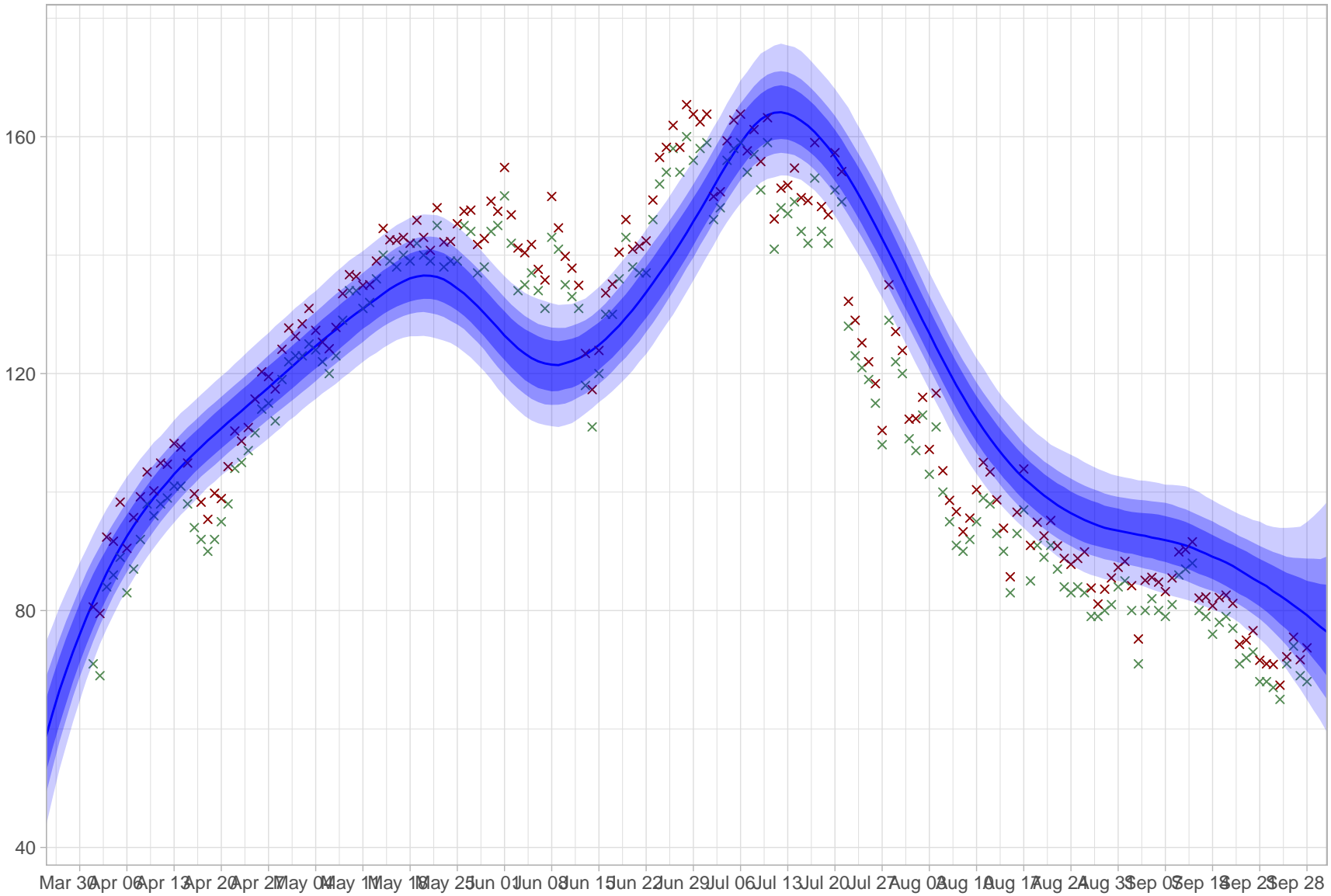


# Long Term Hospitalization Projection



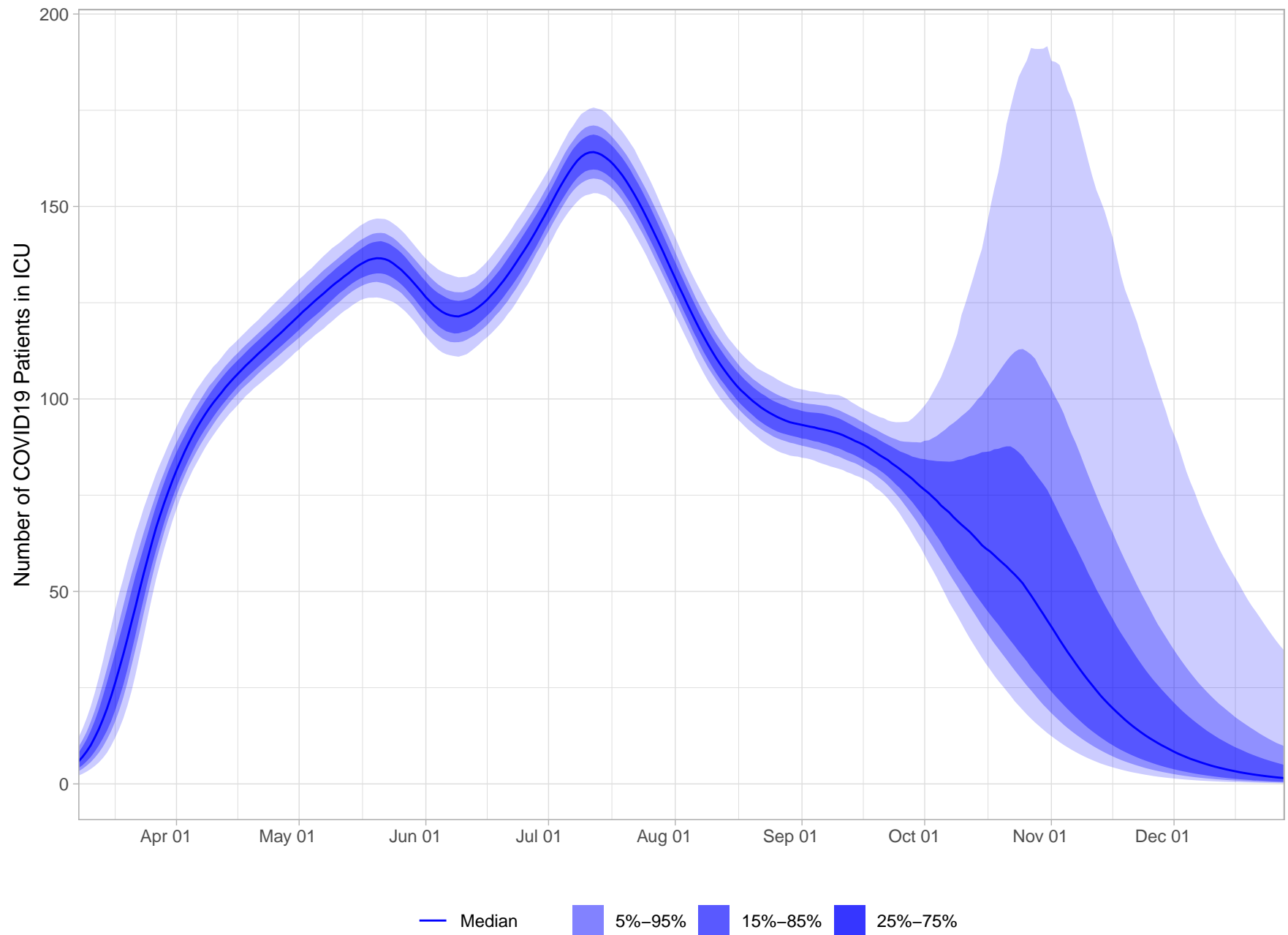
# Short Term ICU Projection

Number of COVID19 Patients in ICU



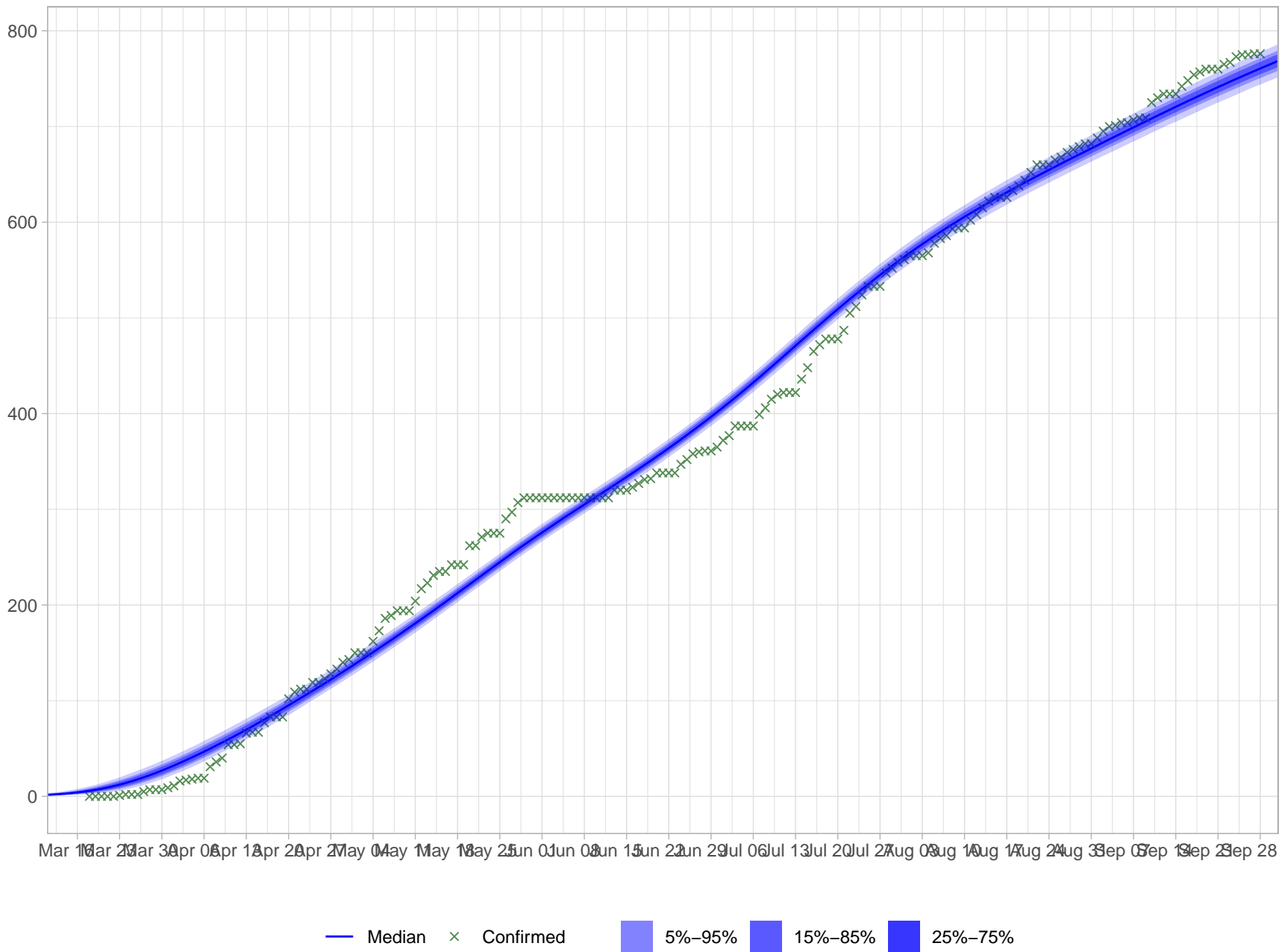
Median    Confirmed    Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

# Long Term ICU Projection

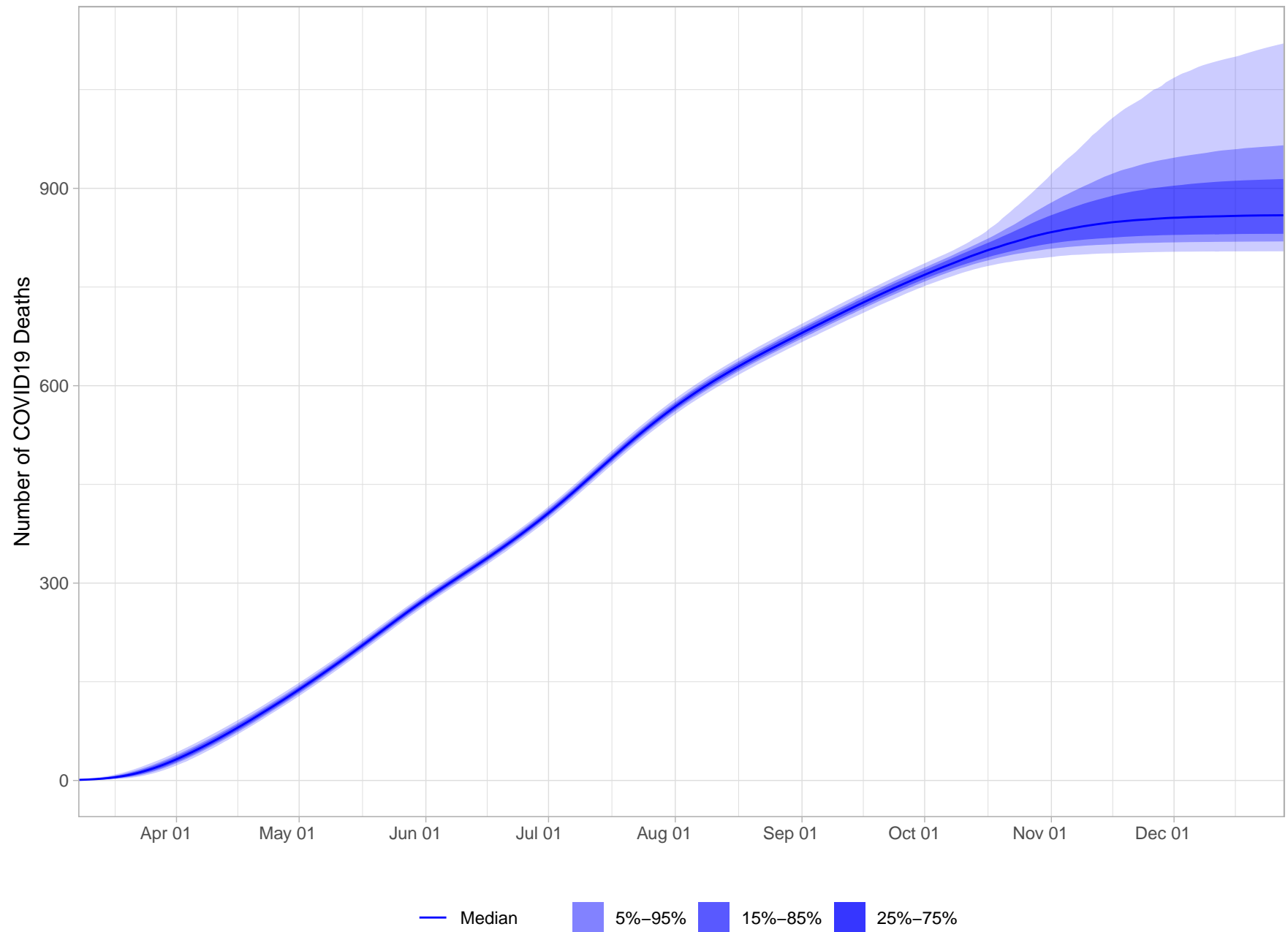


# Short Term Death Projection

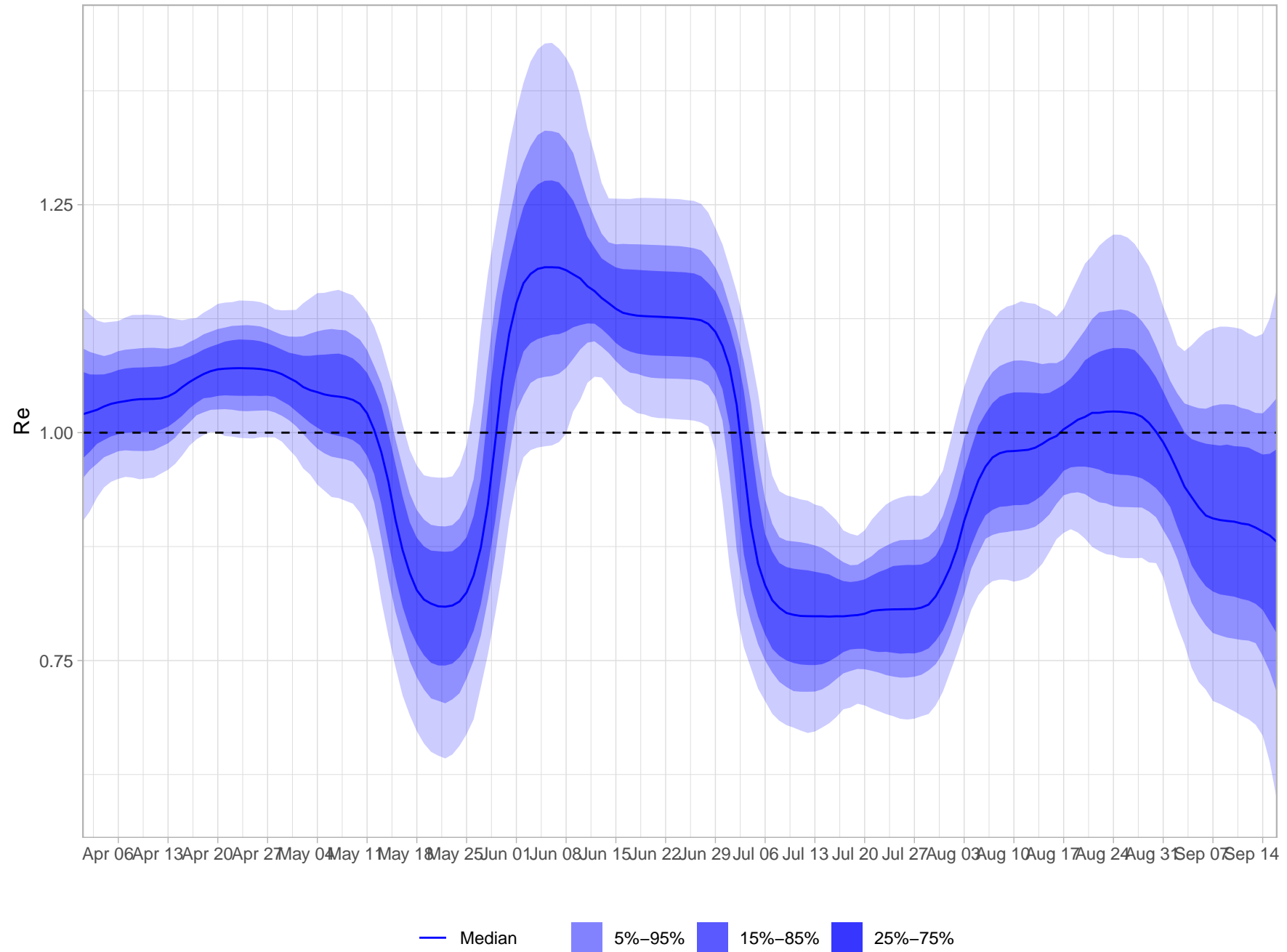
Number of COVID19 Deaths



# Long Term Death Projection

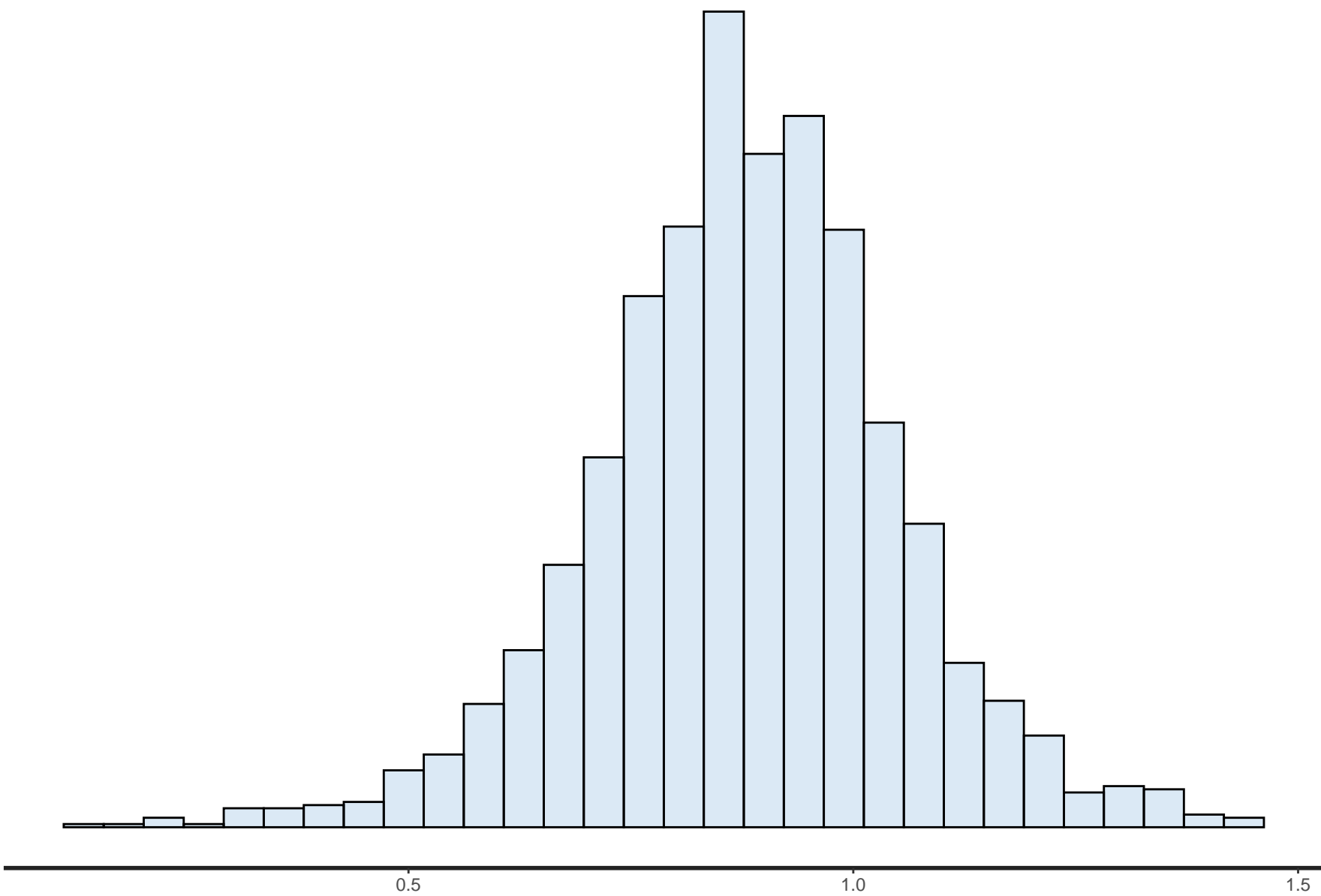


# Effective Reproduction Number

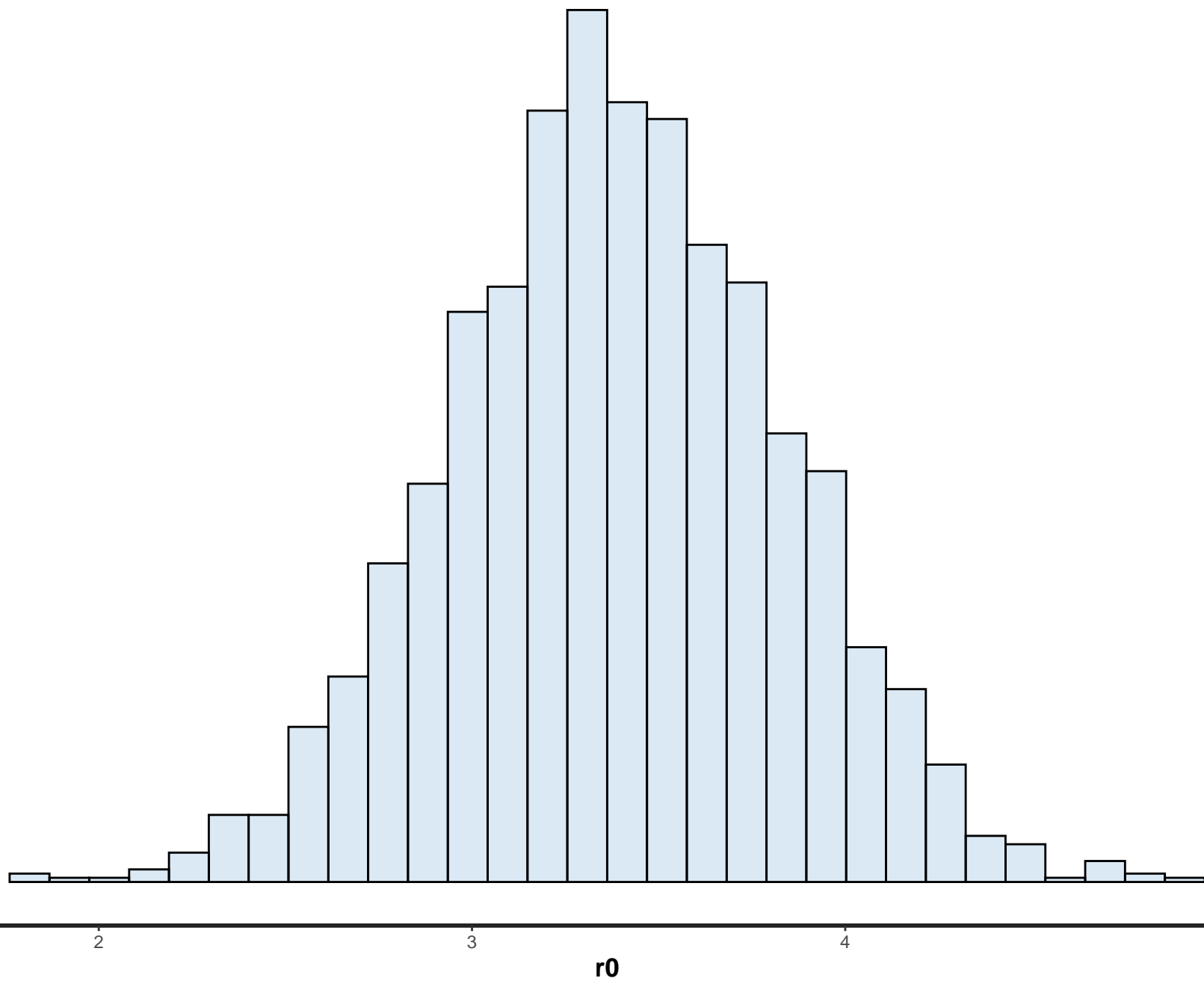


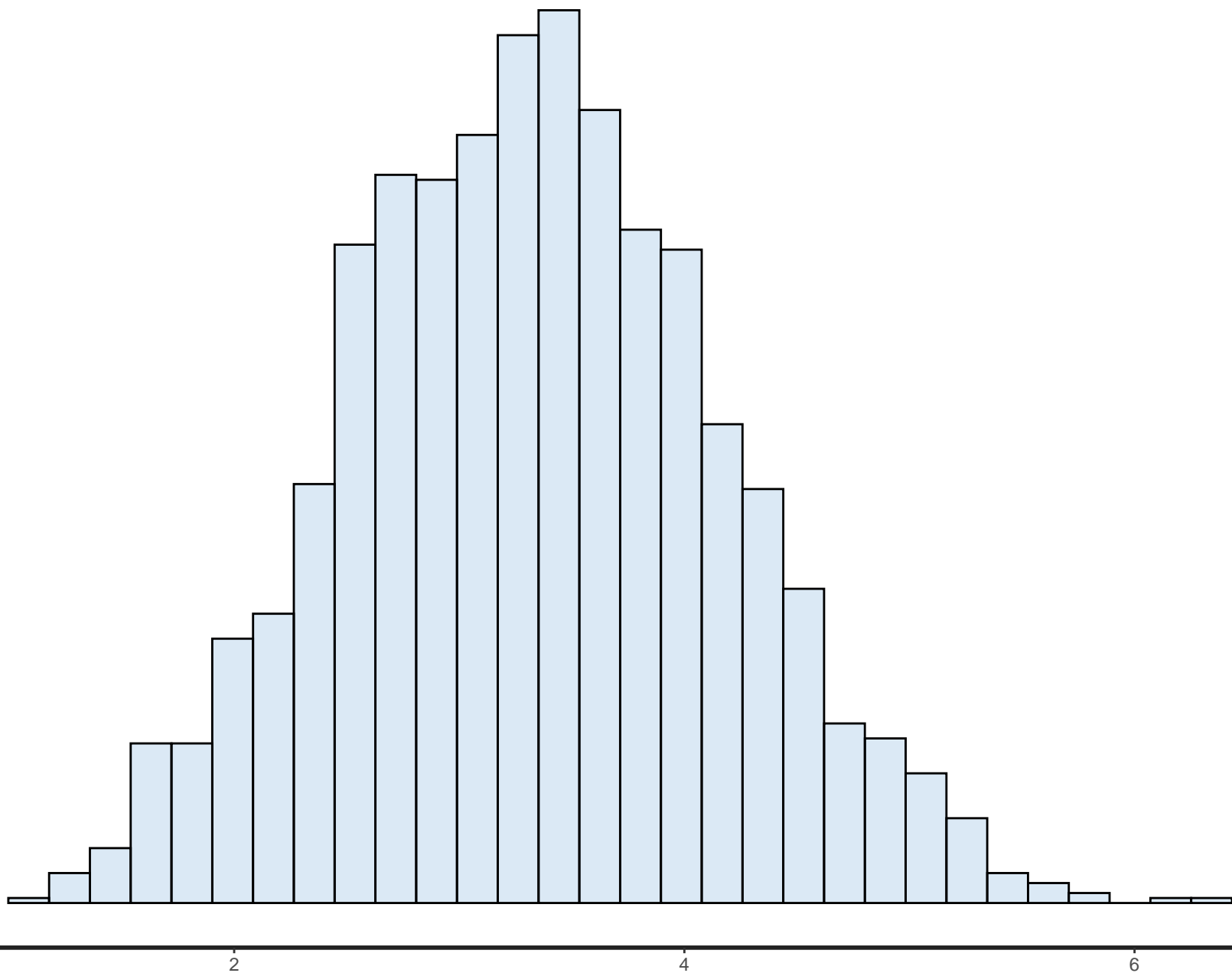
# Rt as of 2020-09-16

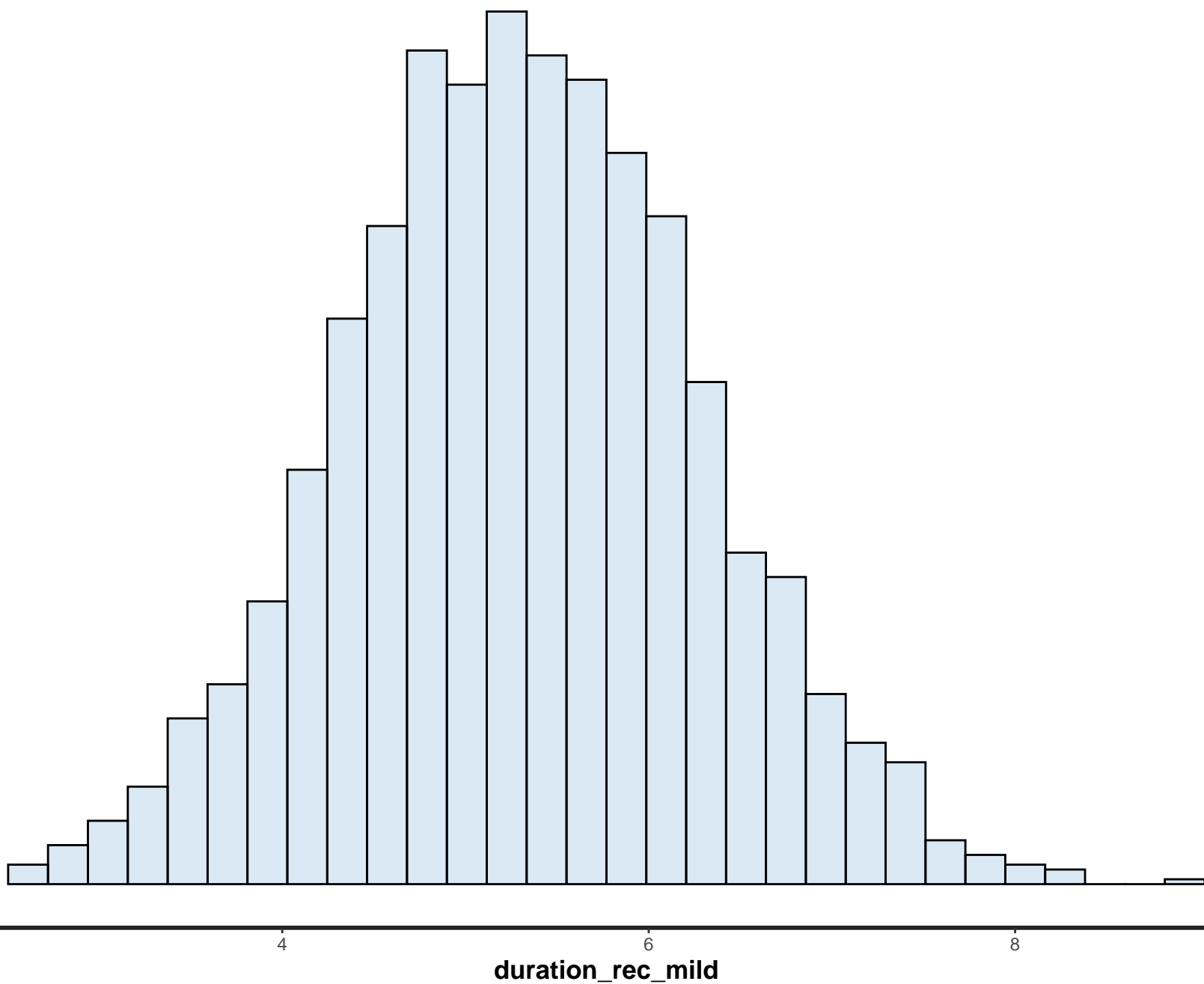
5% 10% 25% 50% 75% 90% 95%  
0.60 0.67 0.78 0.88 0.98 1.08 1.16

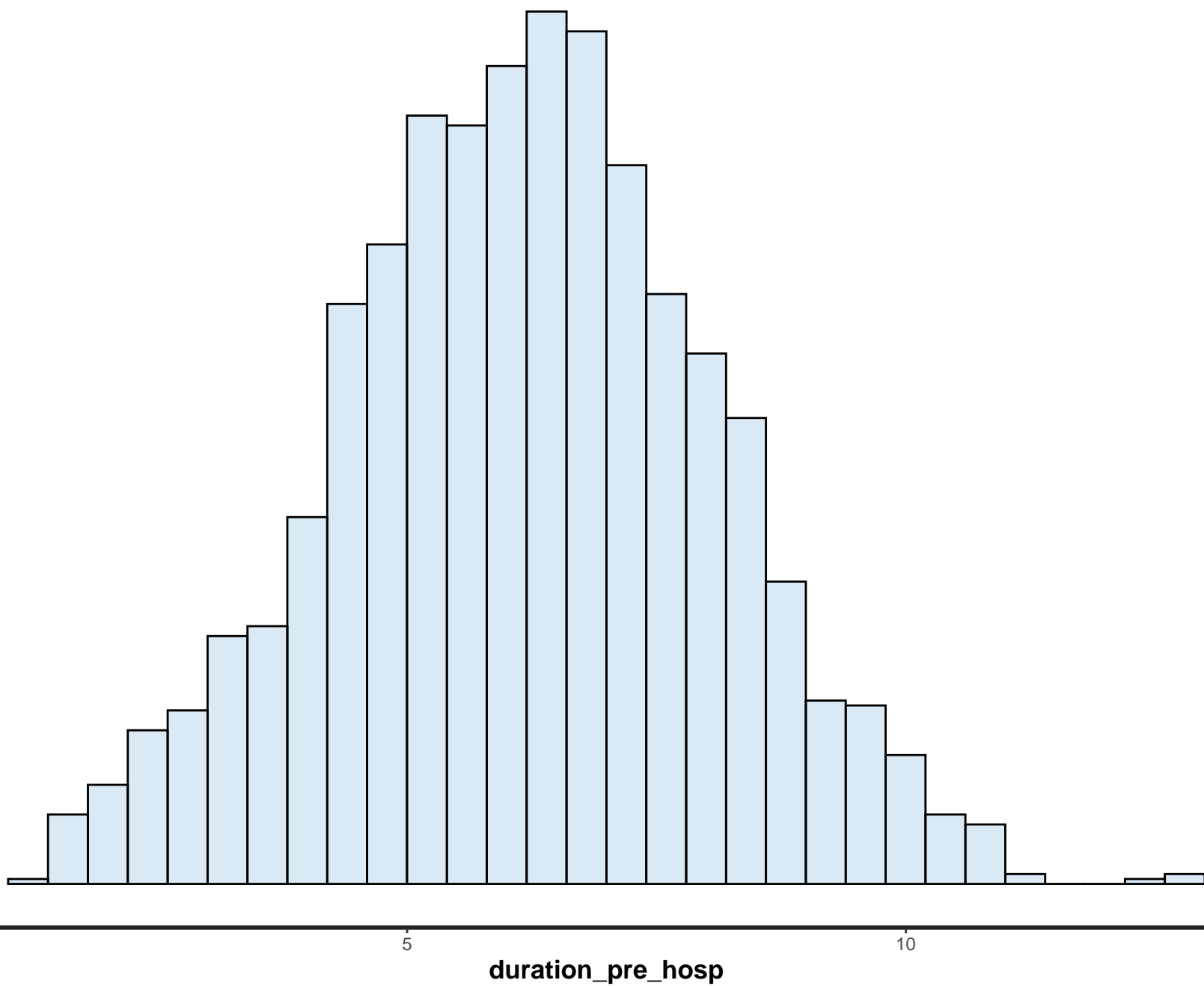


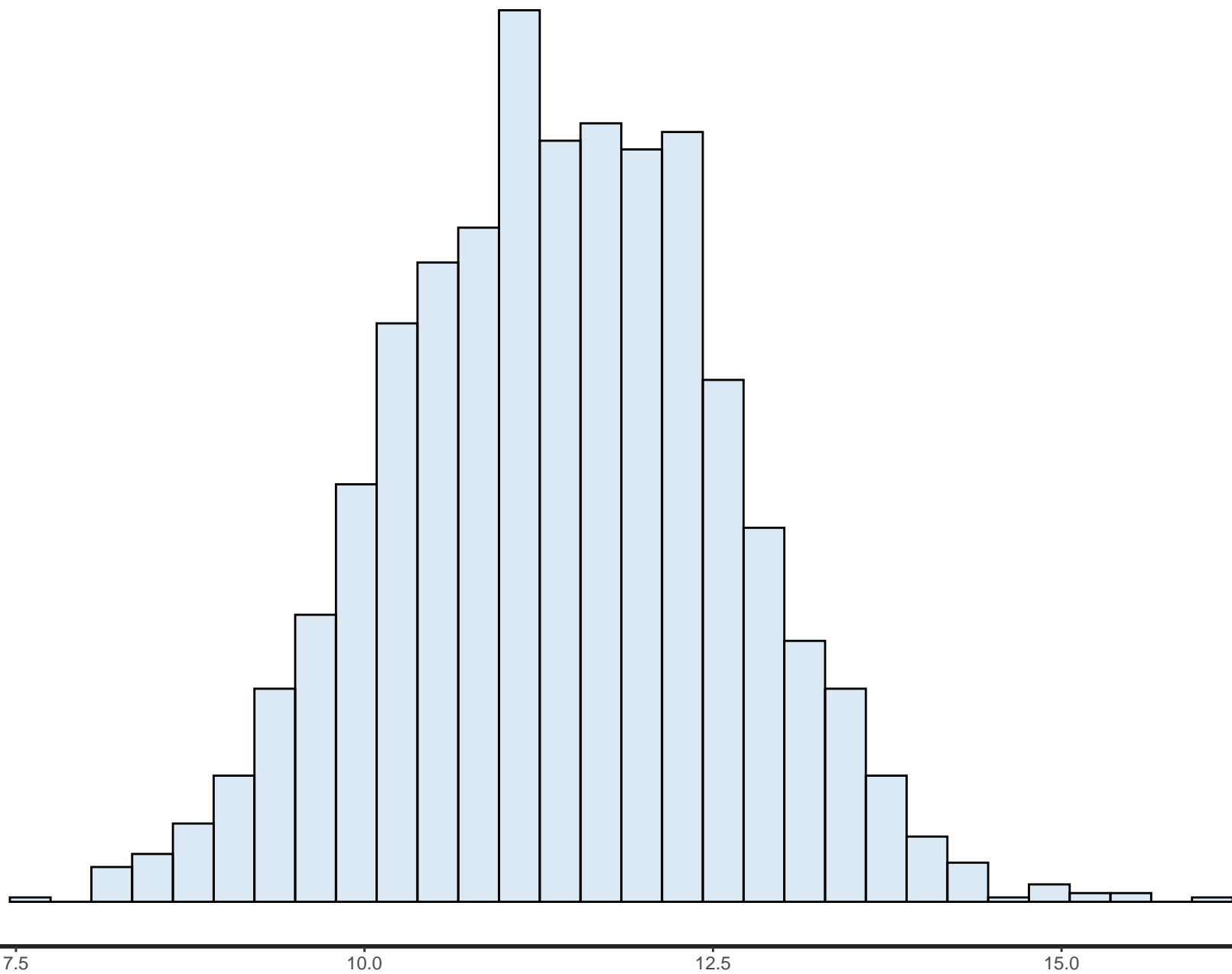


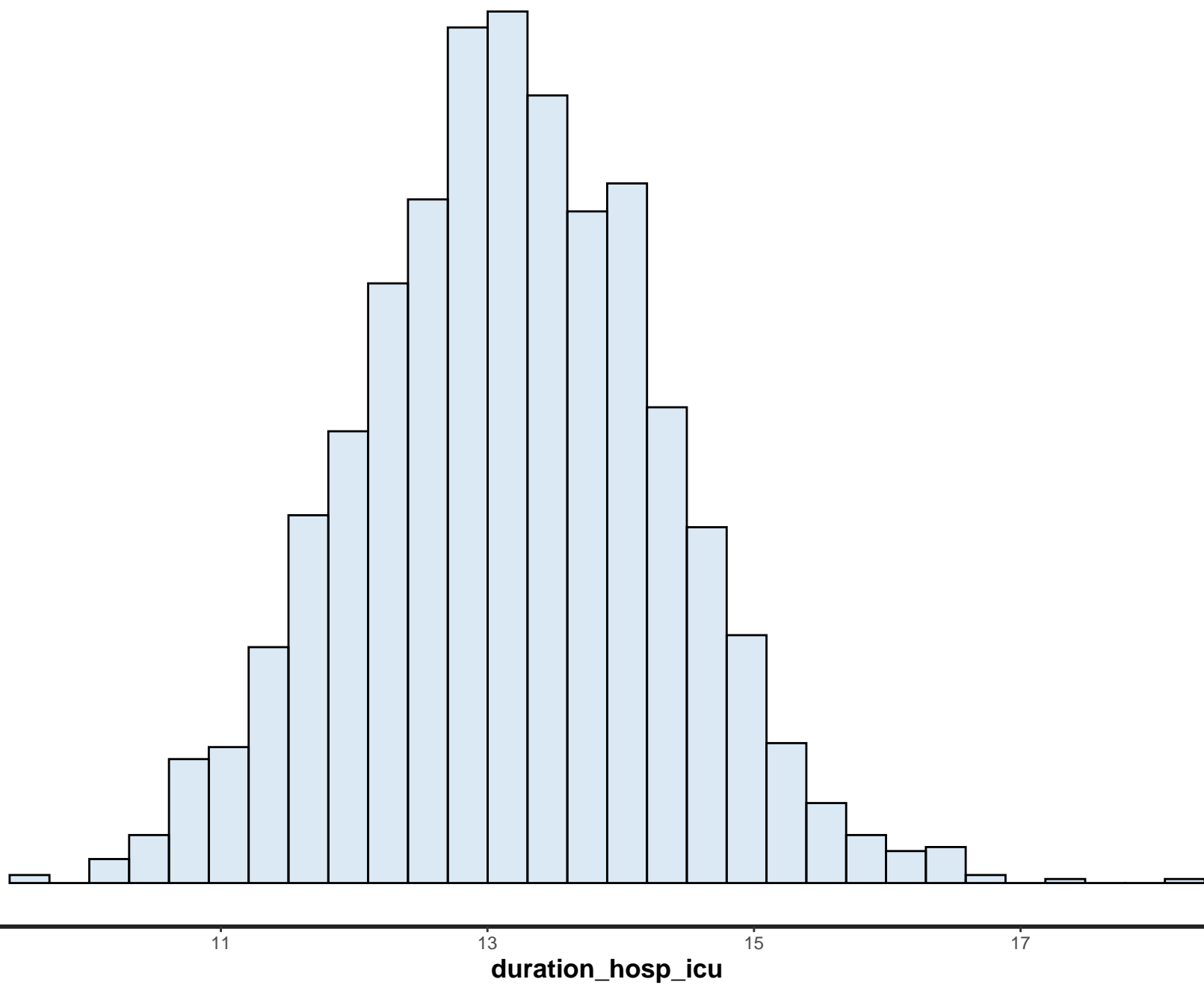


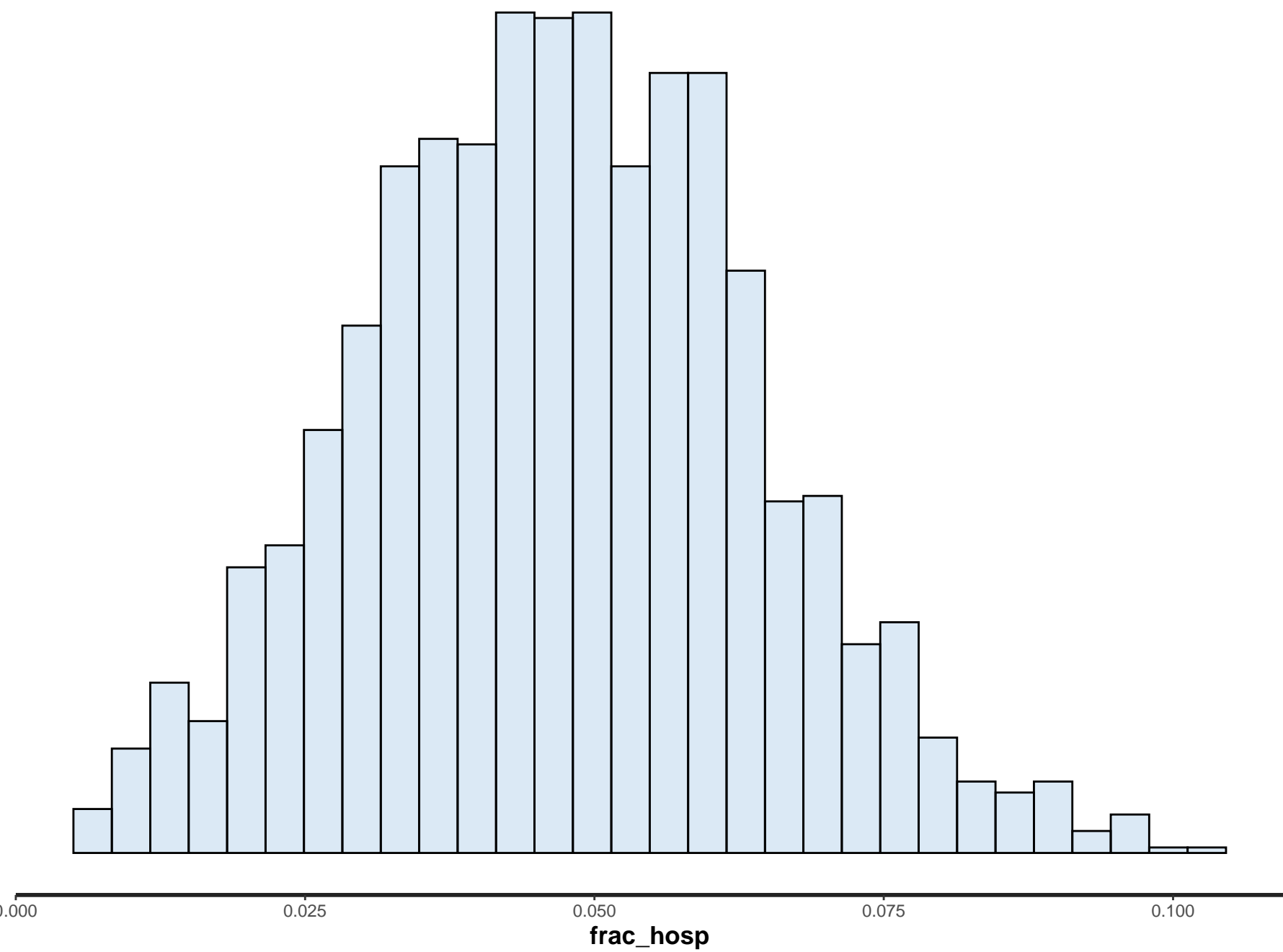


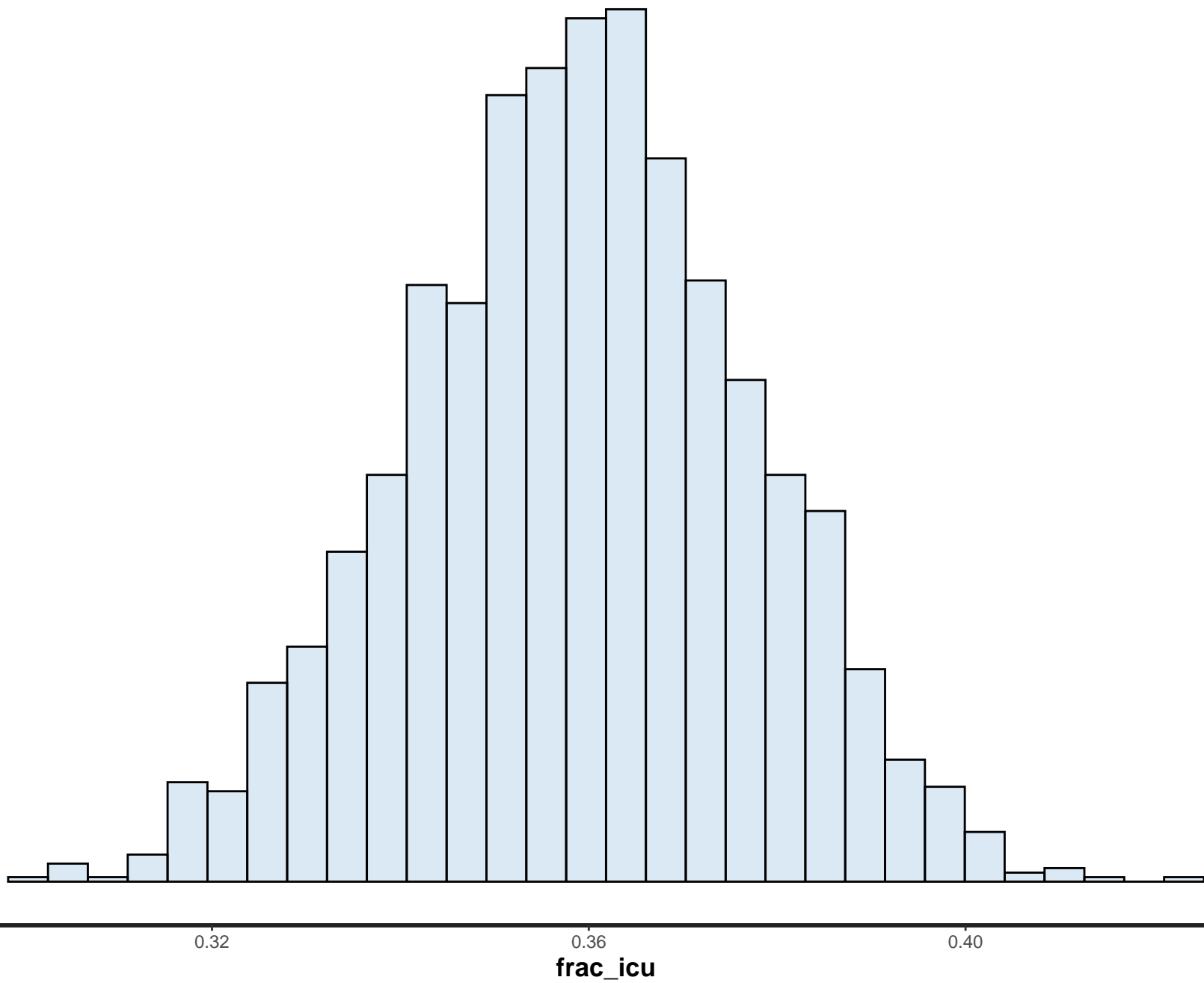




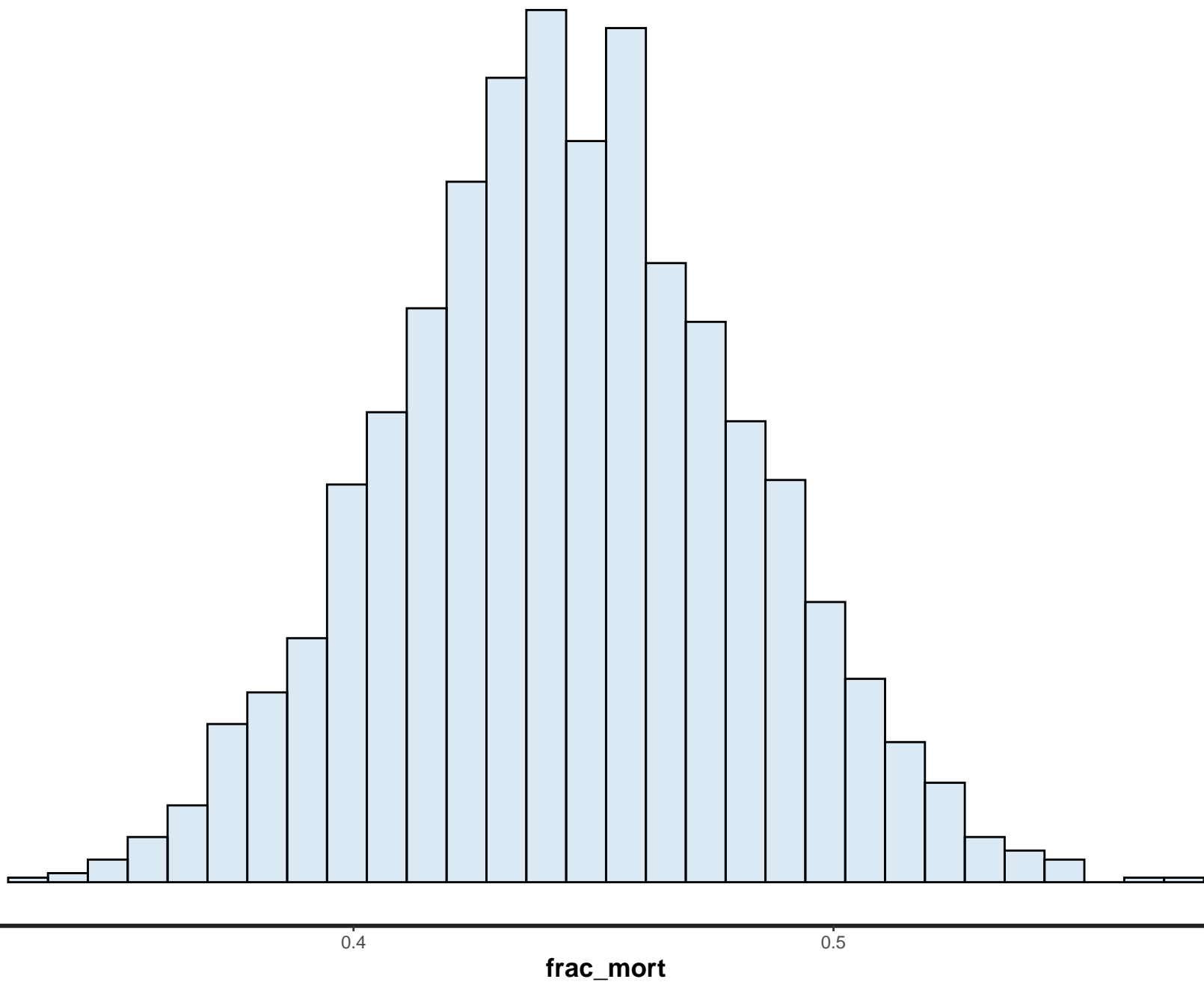


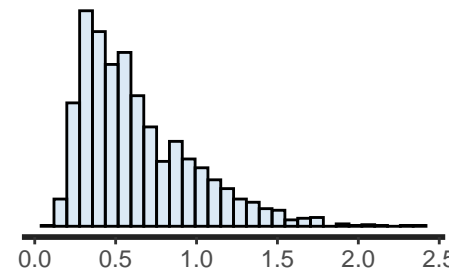
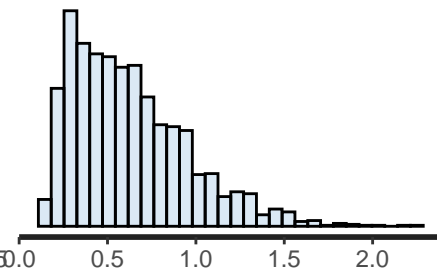
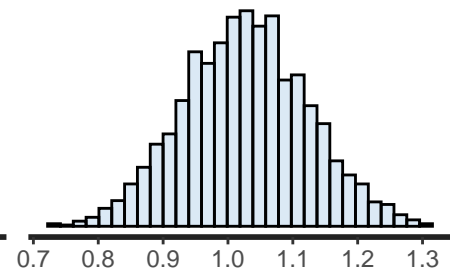
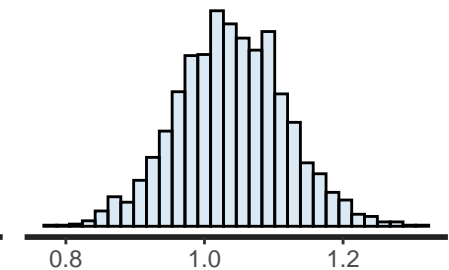
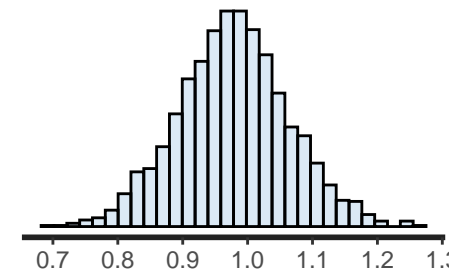
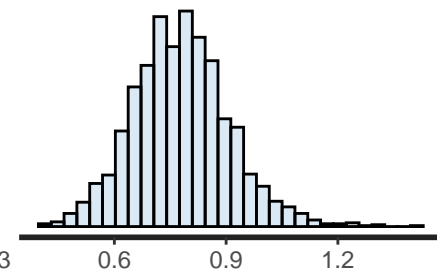
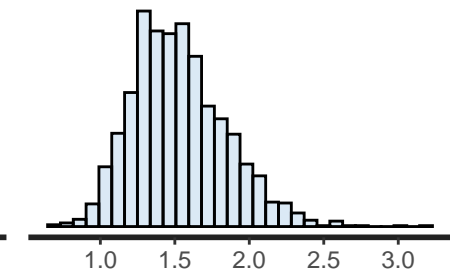
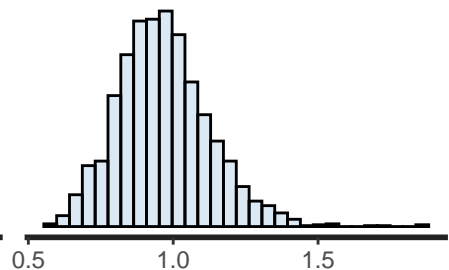
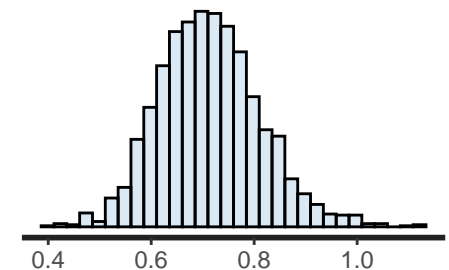
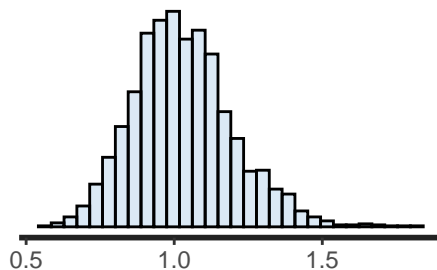
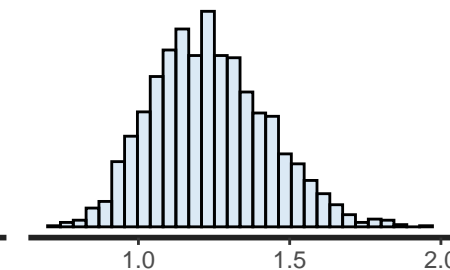
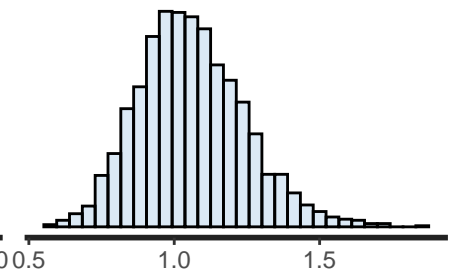
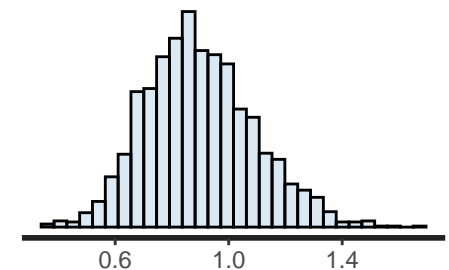
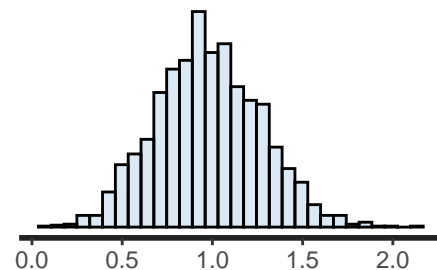
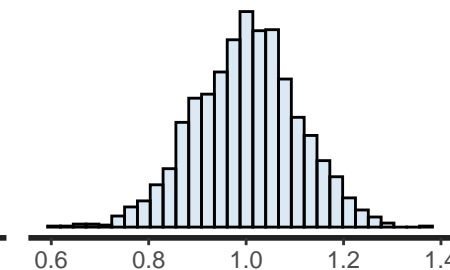
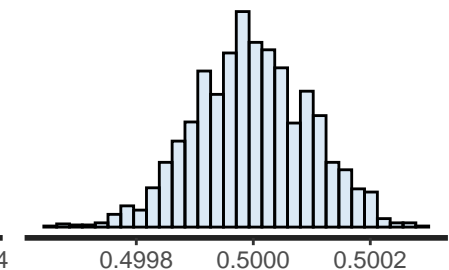


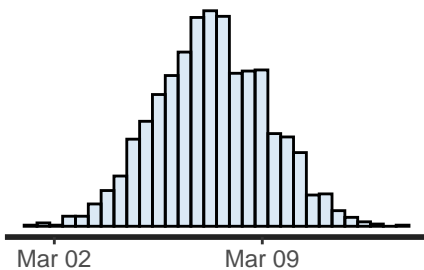
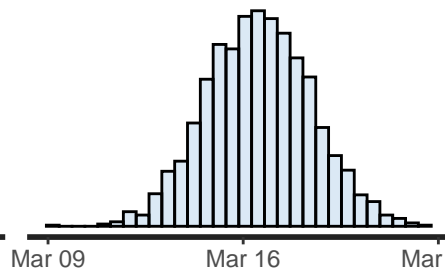
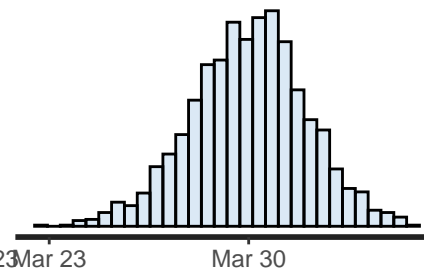
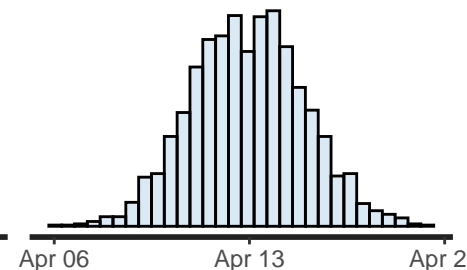
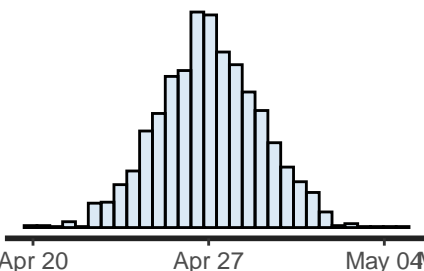
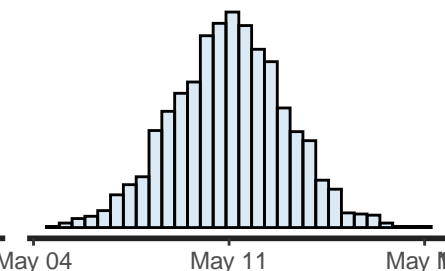
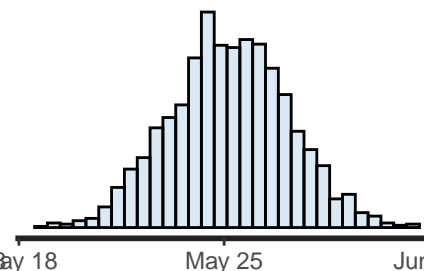
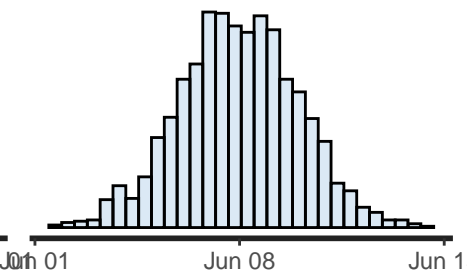
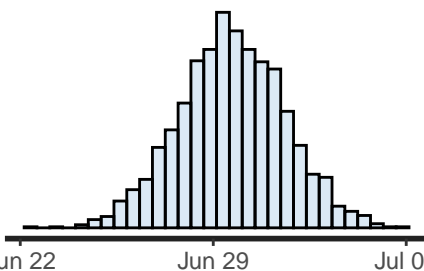
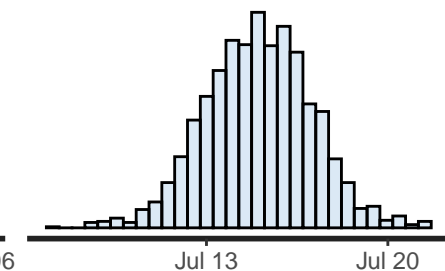
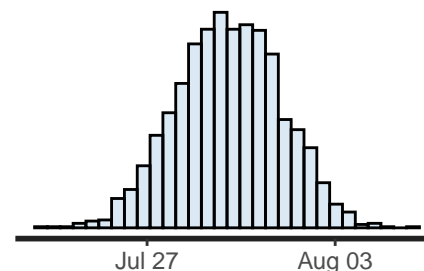
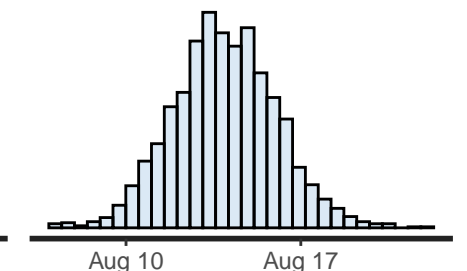
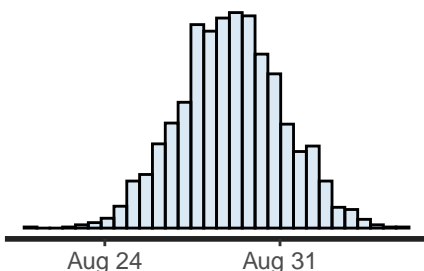
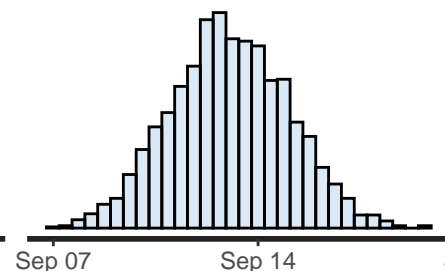
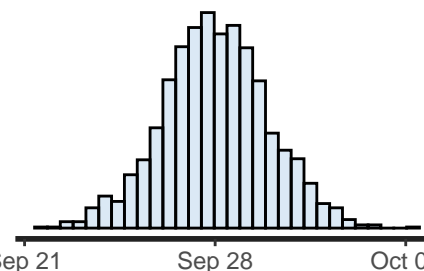
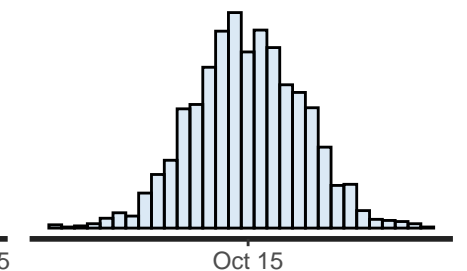


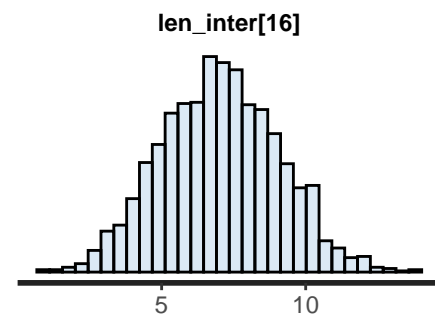
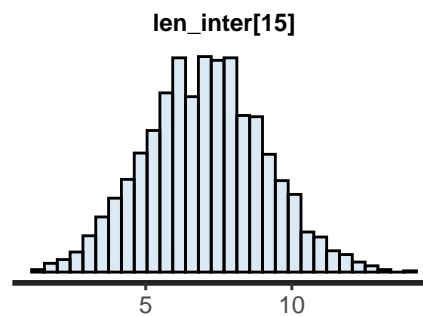
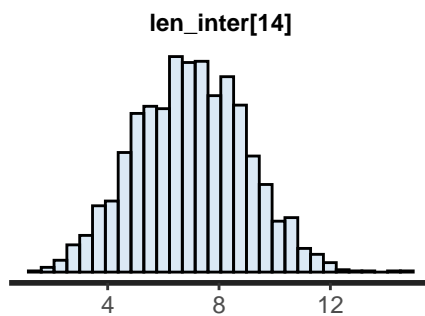
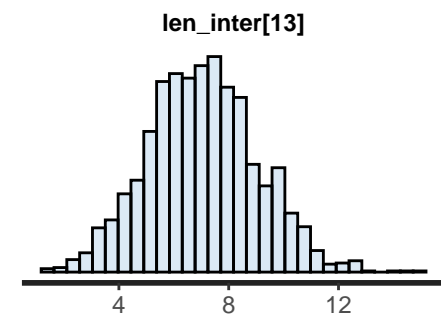
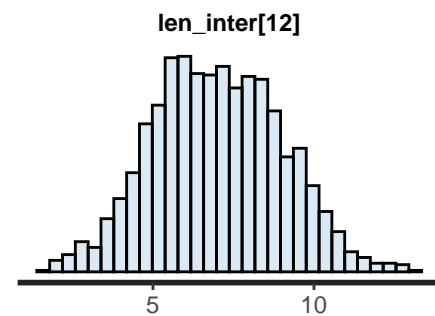
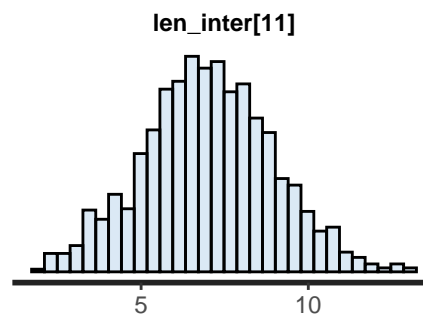
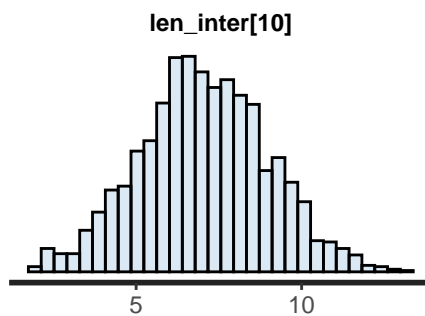
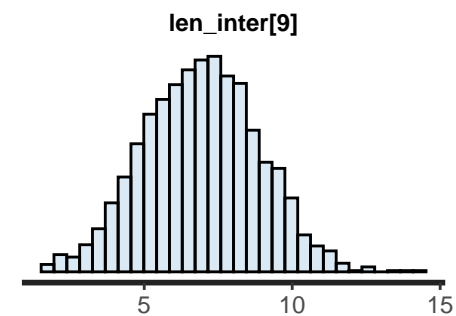
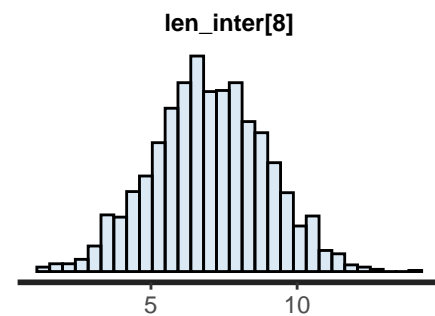
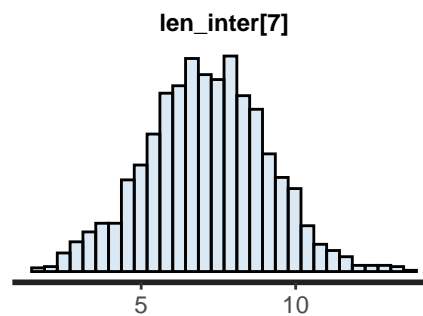
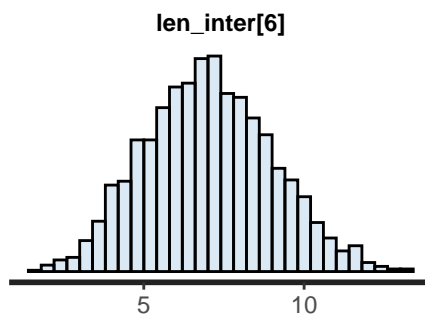
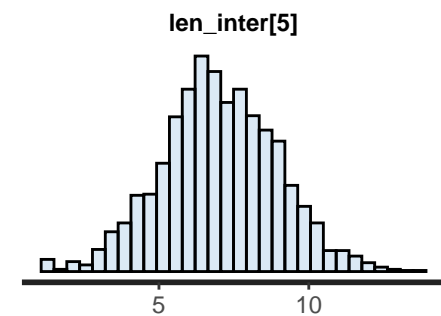
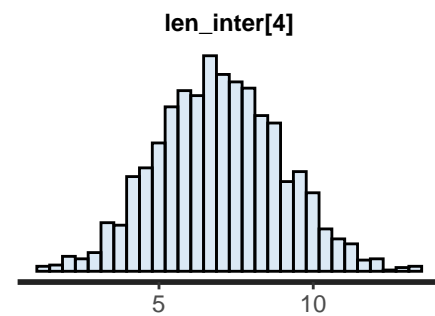
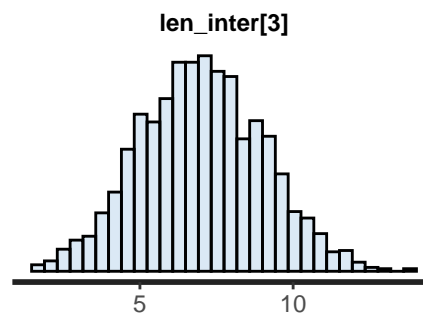
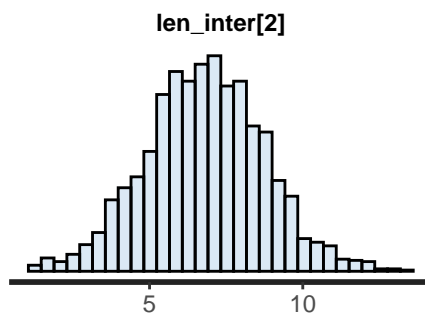
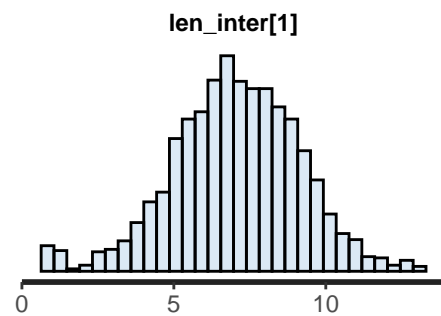




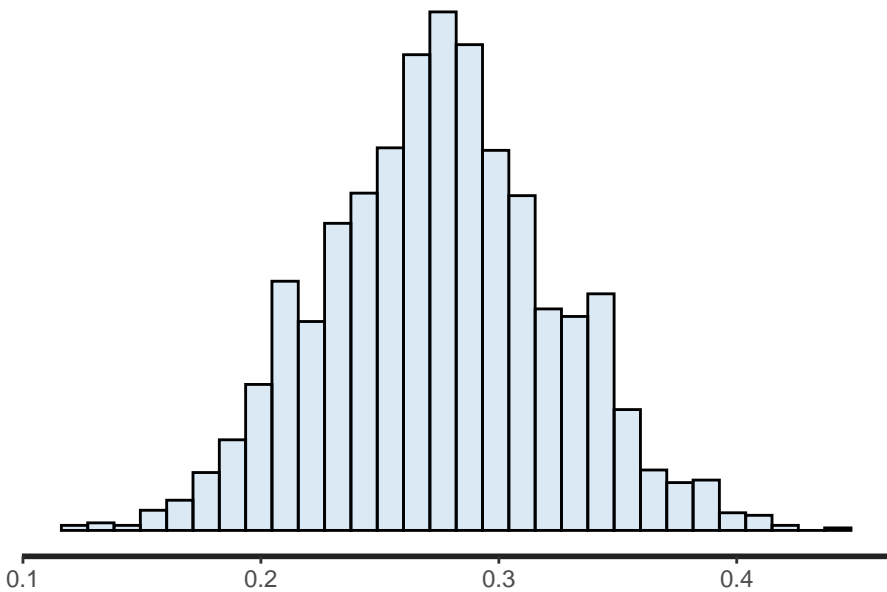


**beta\_multiplier[1]****beta\_multiplier[2]****beta\_multiplier[3]****beta\_multiplier[4]****beta\_multiplier[5]****beta\_multiplier[6]****beta\_multiplier[7]****beta\_multiplier[8]****beta\_multiplier[9]****beta\_multiplier[10]****beta\_multiplier[11]****beta\_multiplier[12]****beta\_multiplier[13]****beta\_multiplier[14]****beta\_multiplier[15]****beta\_multiplier[16]**

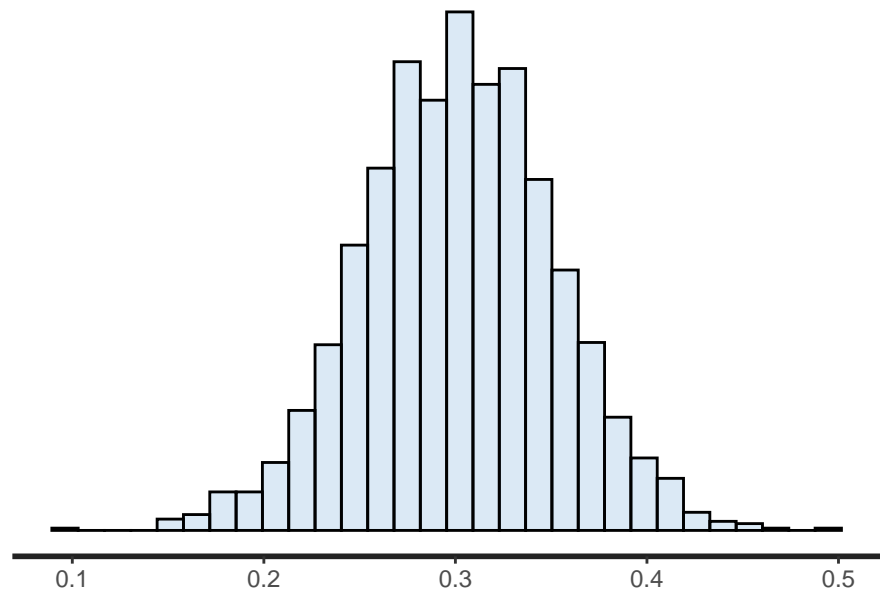
**t\_inter[1]****t\_inter[2]****t\_inter[3]****t\_inter[4]****t\_inter[5]****t\_inter[6]****t\_inter[7]****t\_inter[8]****t\_inter[9]****t\_inter[10]****t\_inter[11]****t\_inter[12]****t\_inter[13]****t\_inter[14]****t\_inter[15]****t\_inter[16]**



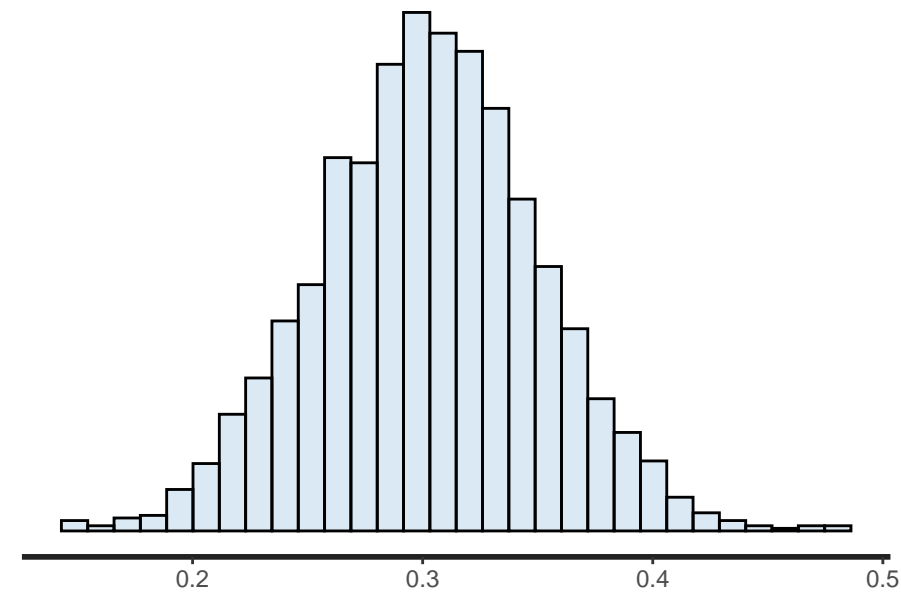
**frac\_PUI[1]**



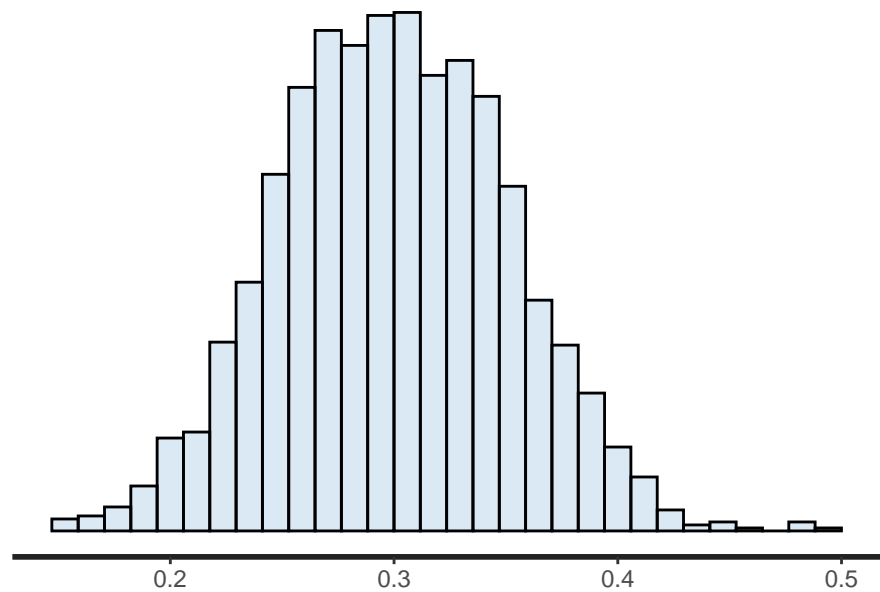
**frac\_PUI[2]**

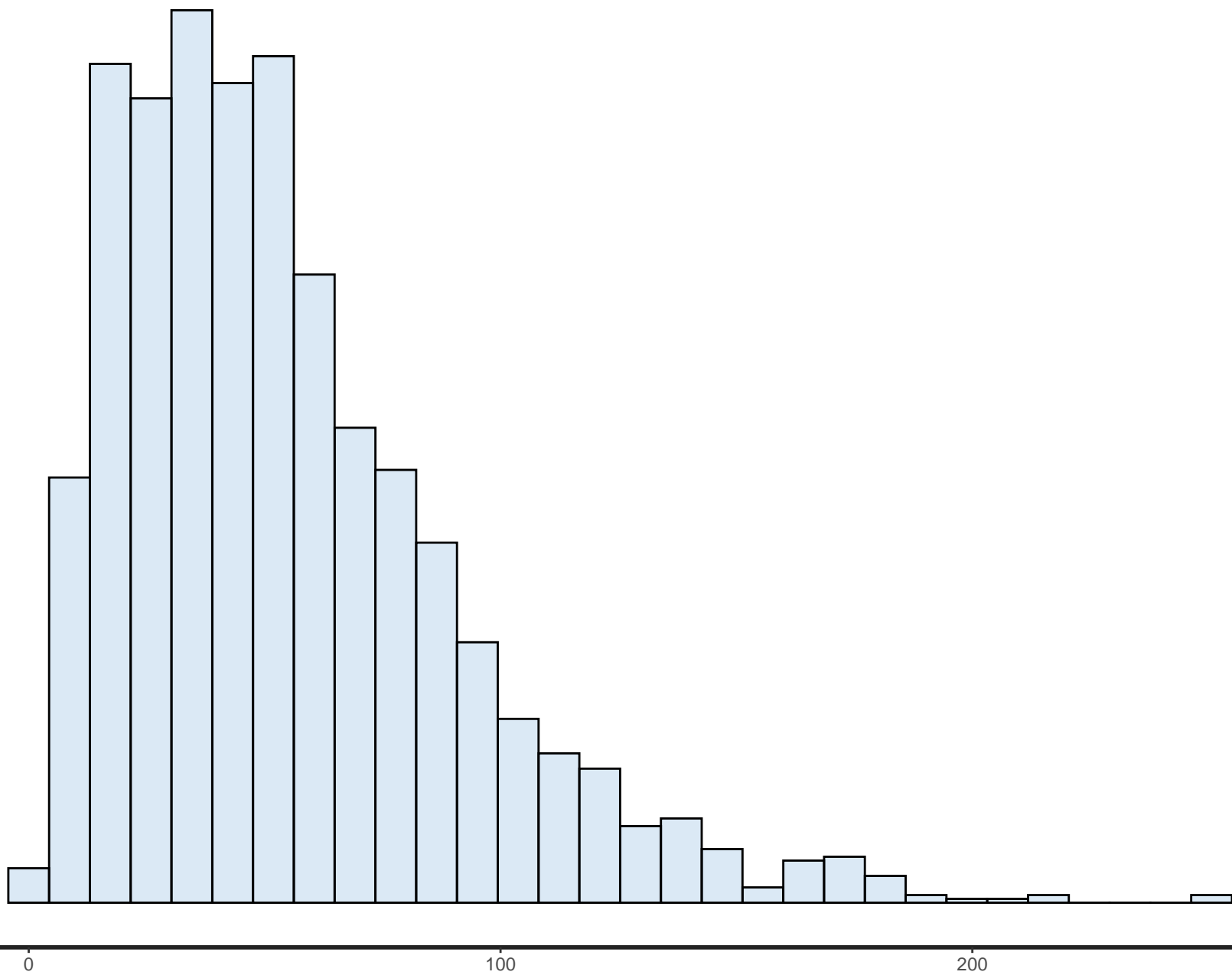


**frac\_PUI[3]**

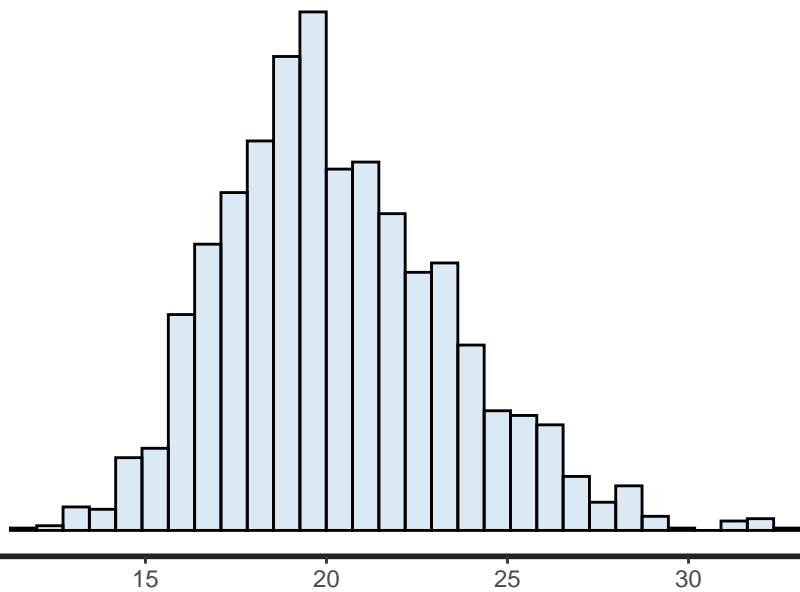


**frac\_PUI[4]**

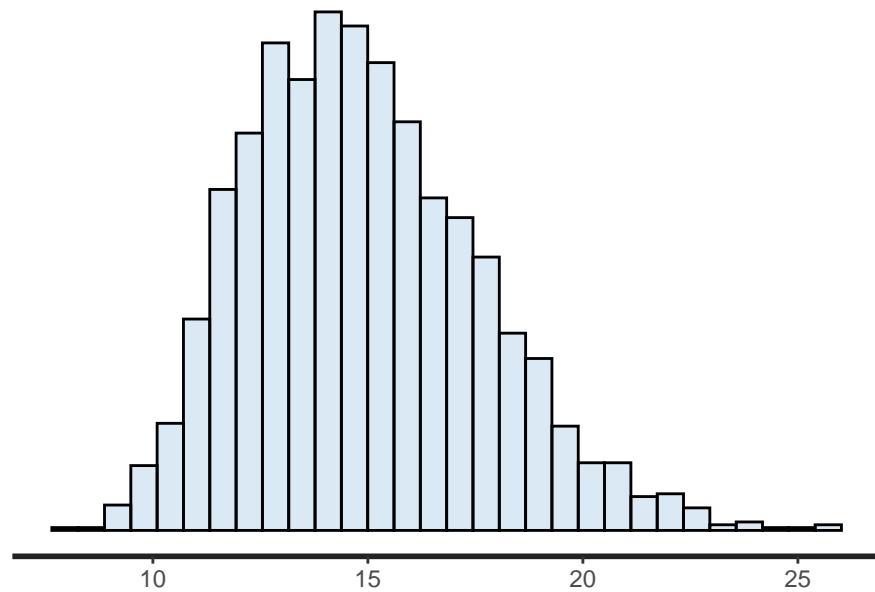




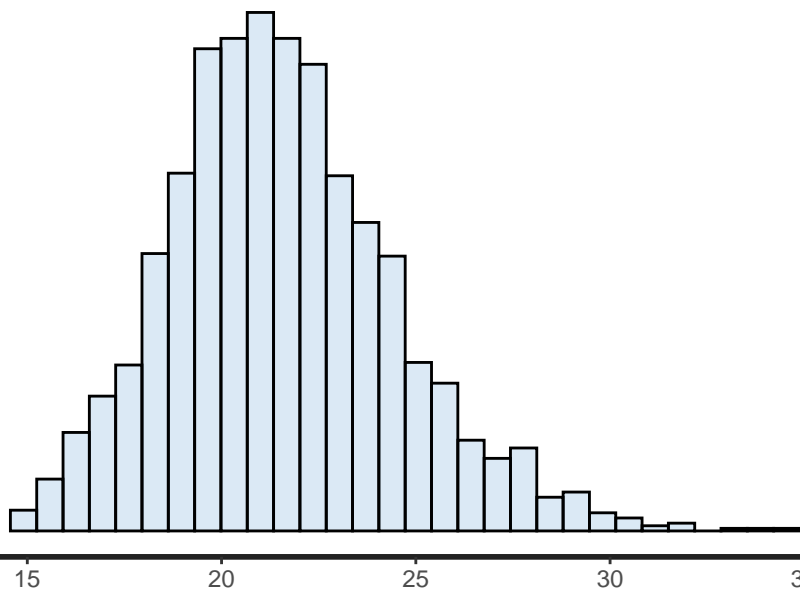
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

