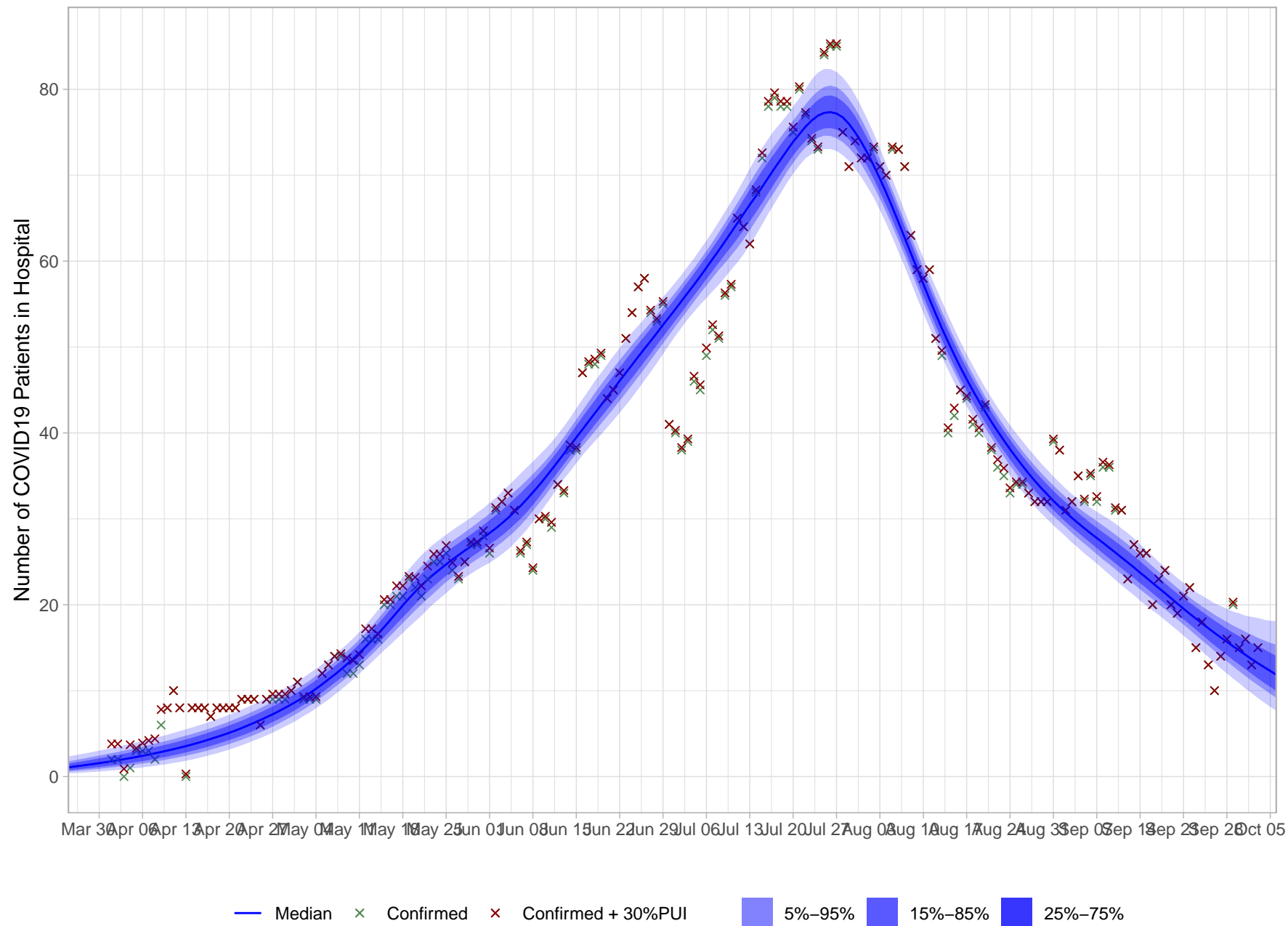
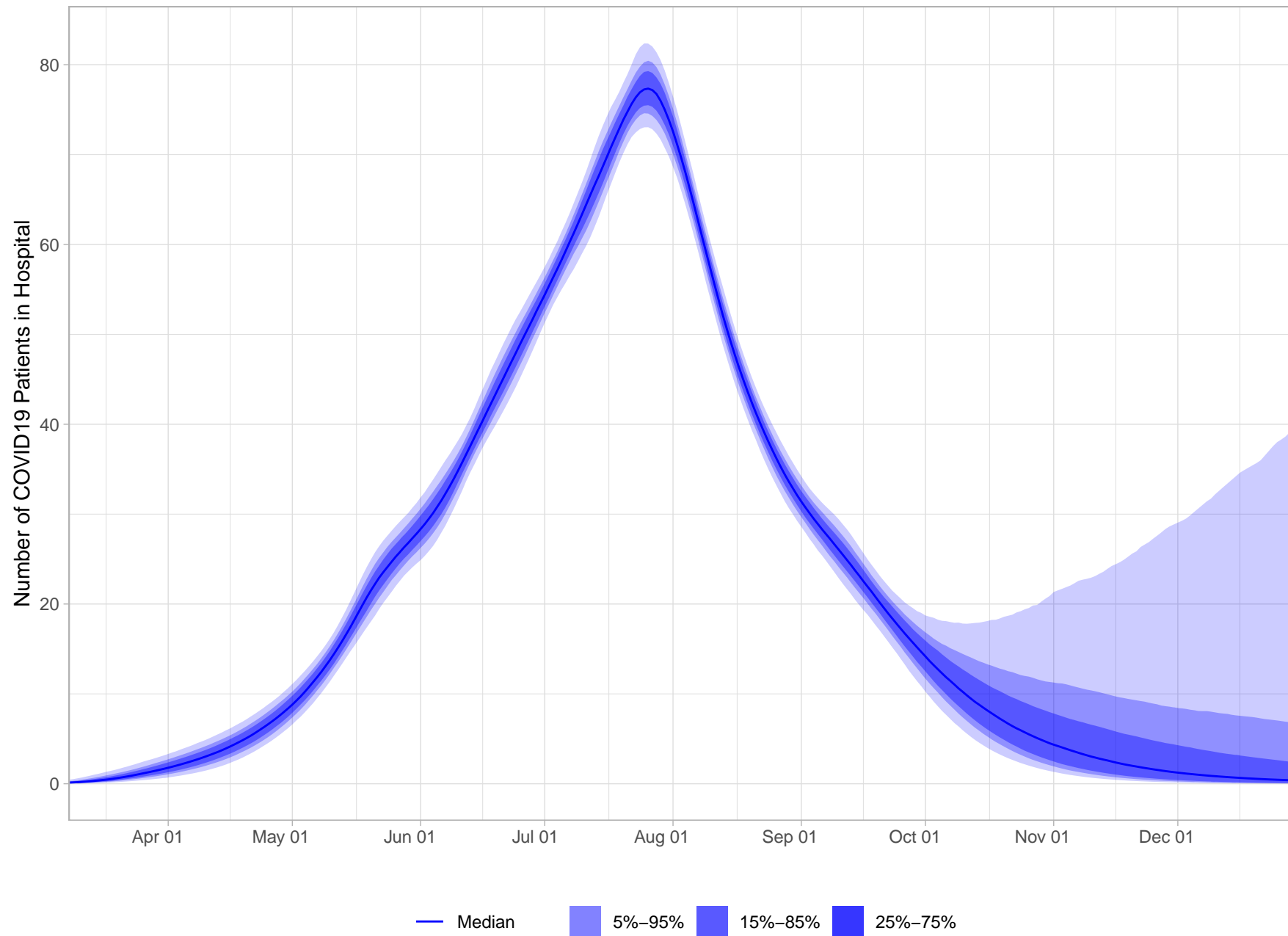


# Short Term Hospitalization Projection

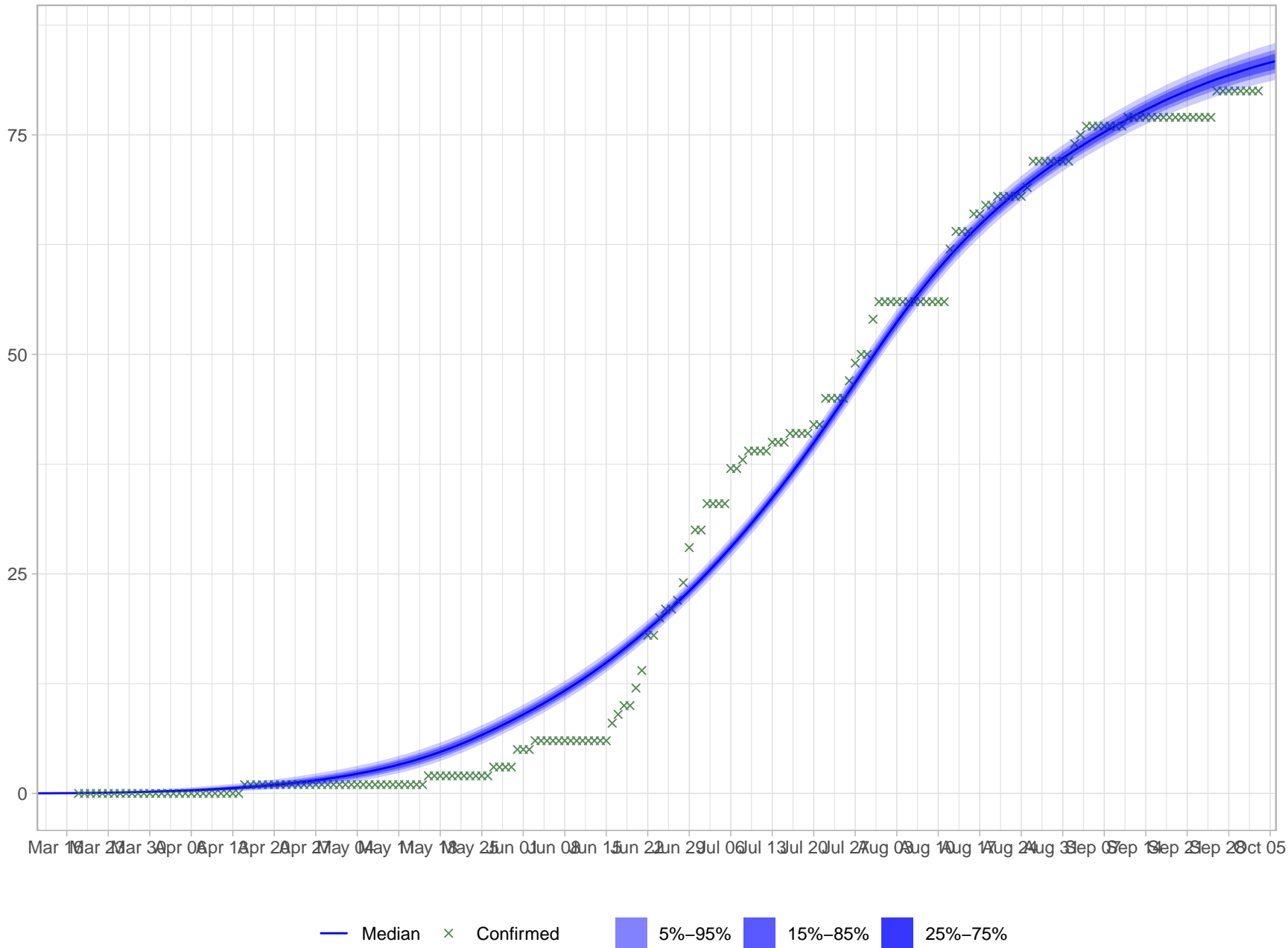


# Long Term Hospitalization Projection

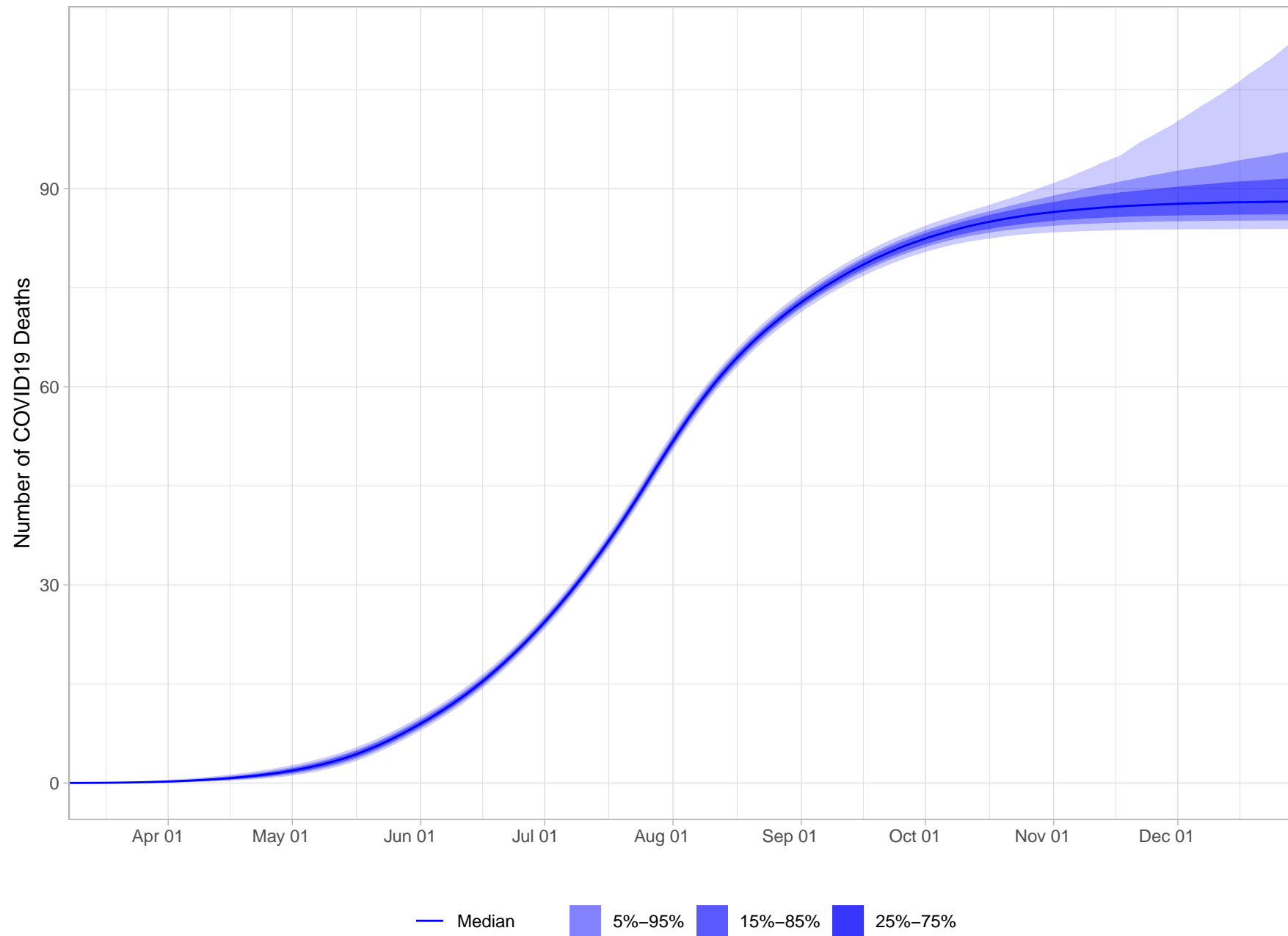


# Short Term Death Projection

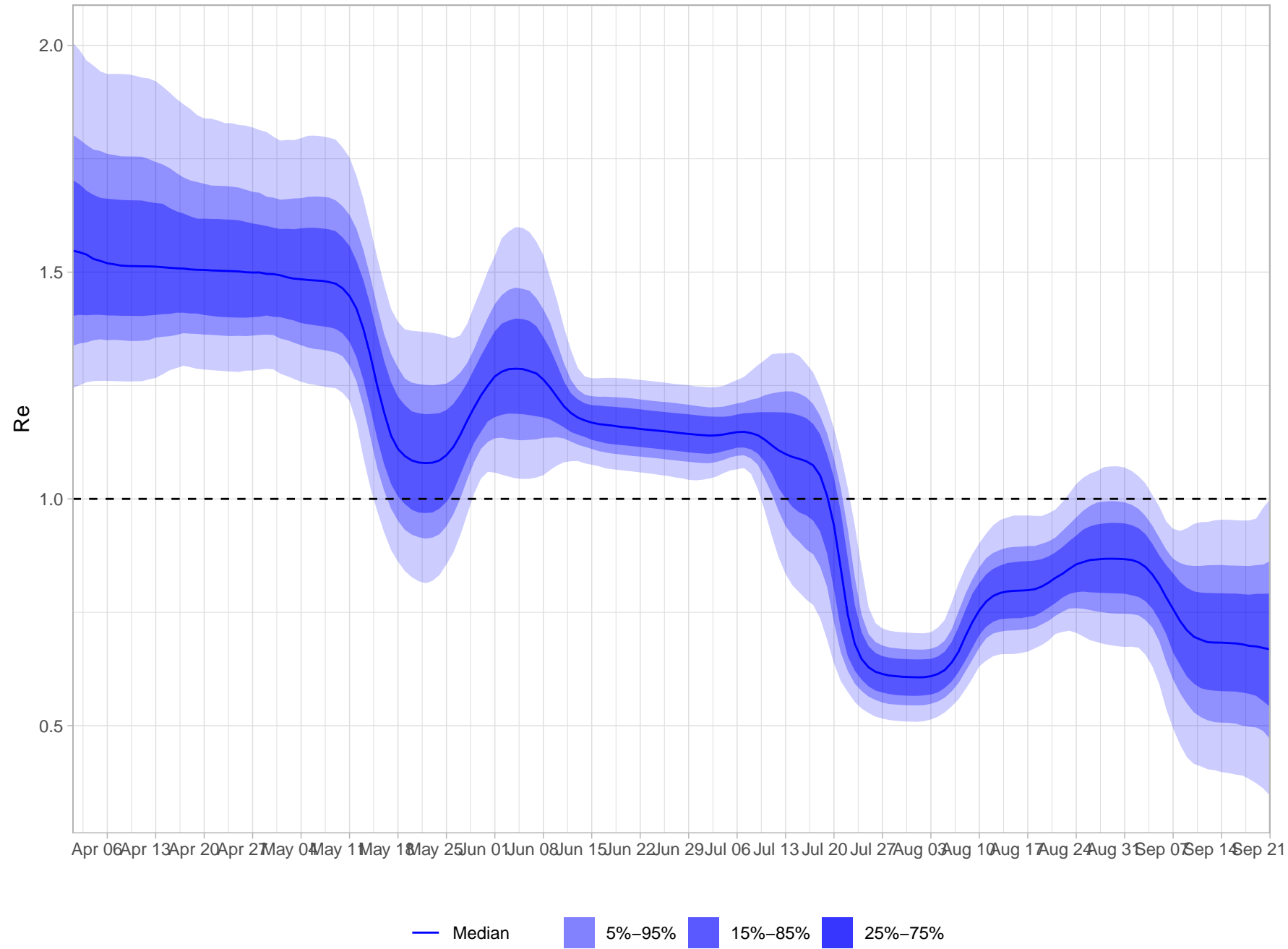
Number of COVID19 Deaths



# Long Term Death Projection

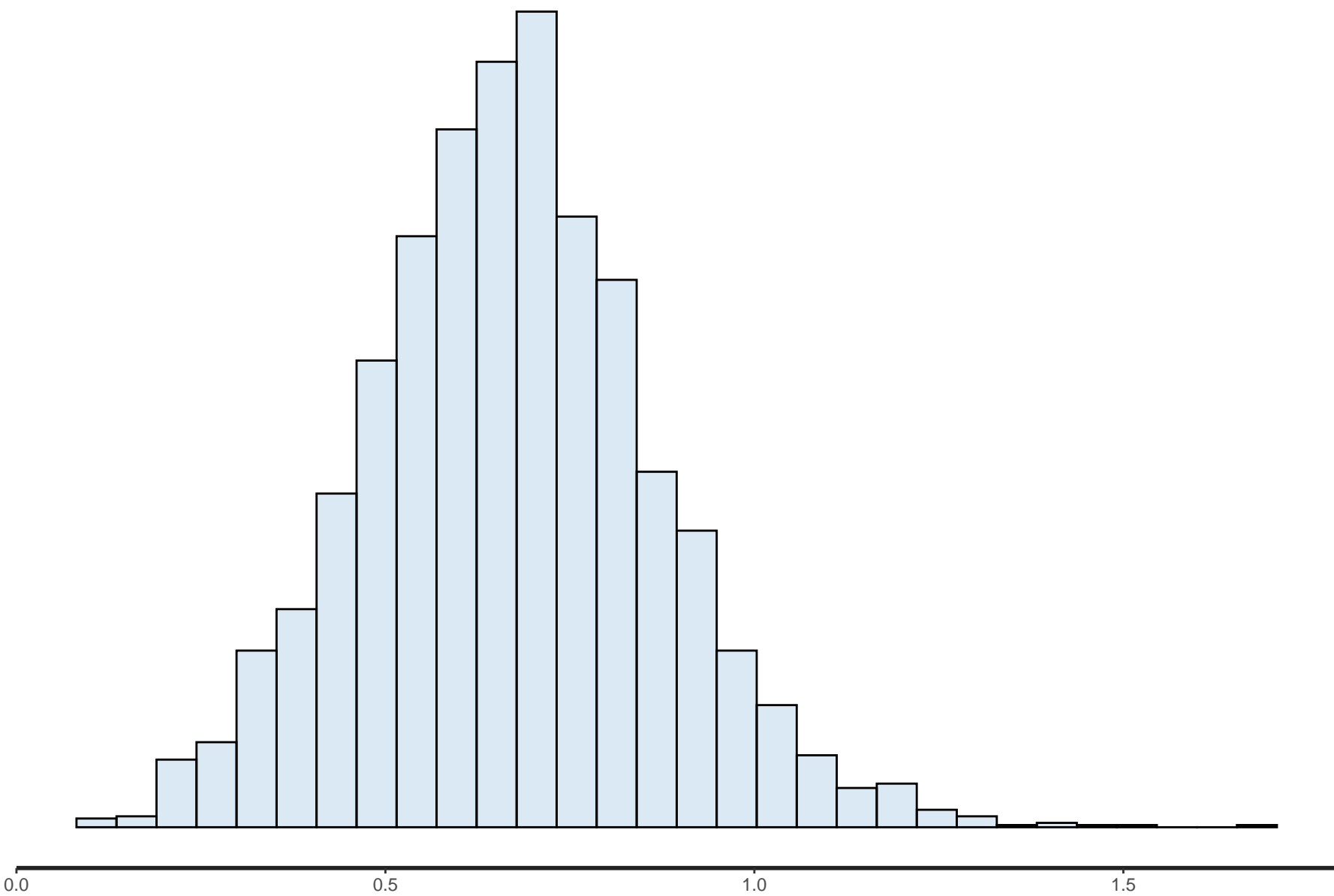


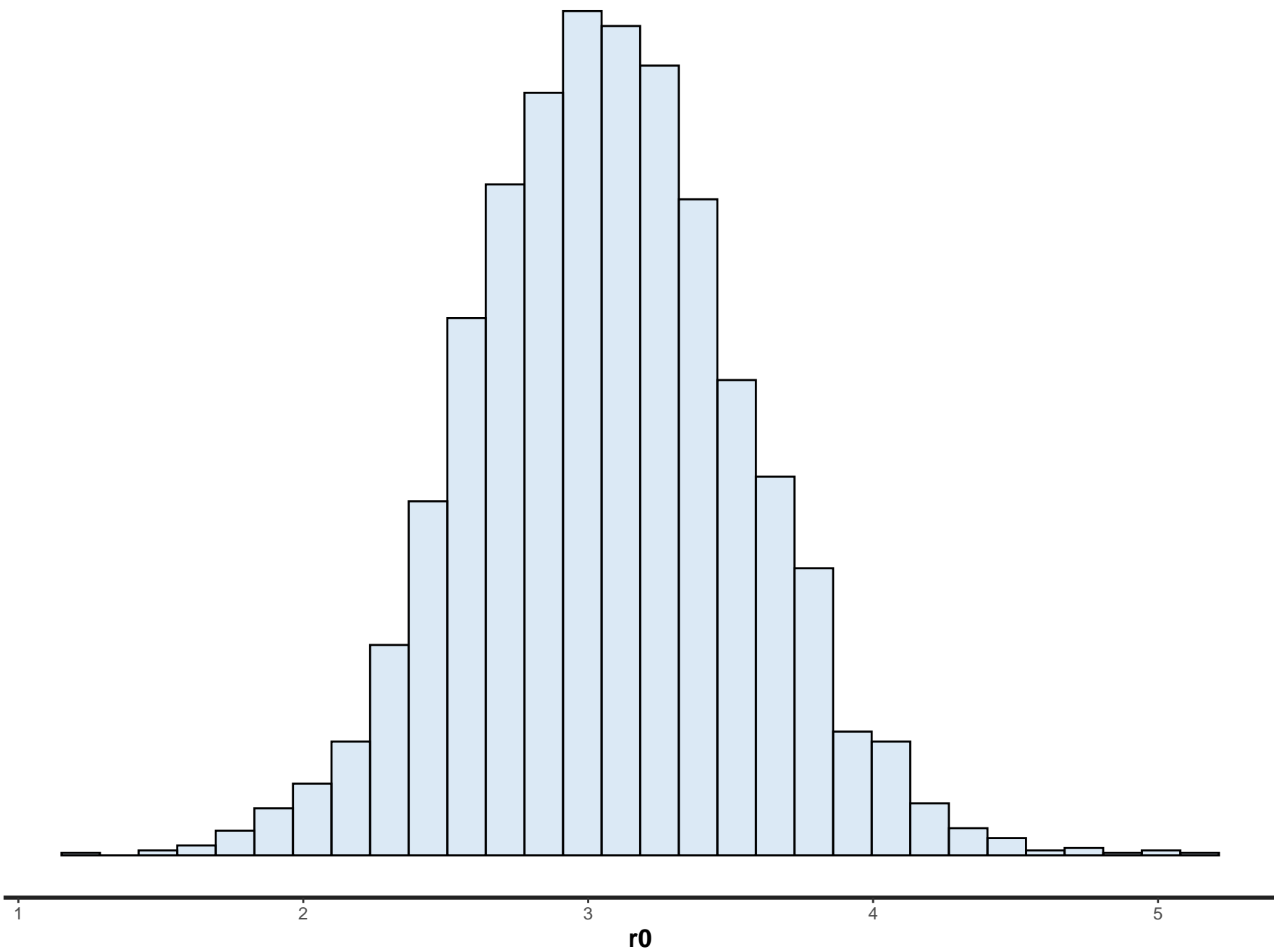
# Effective Reproduction Number

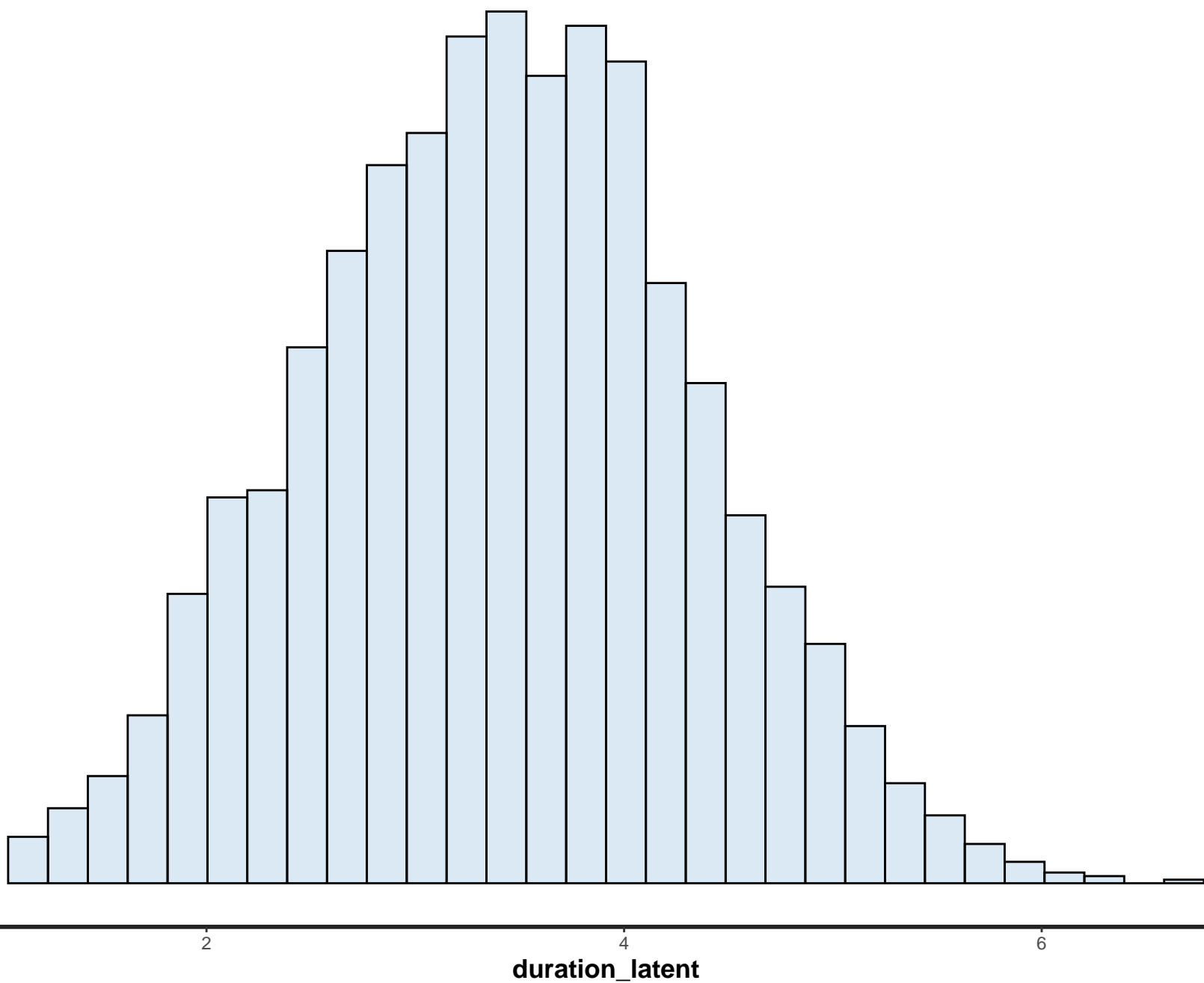


# Rt as of 2020-09-21

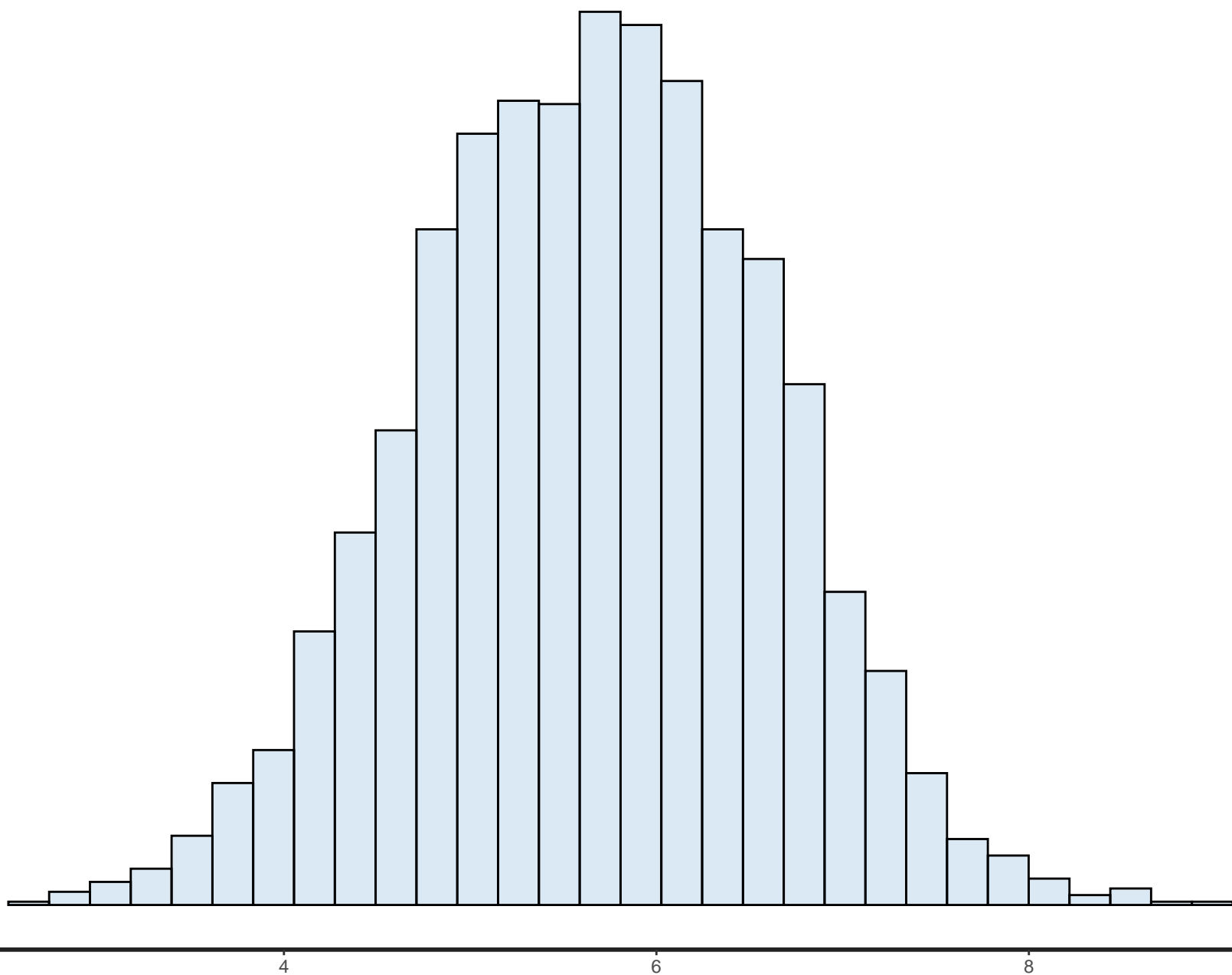
5% 10% 25% 50% 75% 90% 95%  
0.35 0.42 0.54 0.67 0.79 0.92 1.00

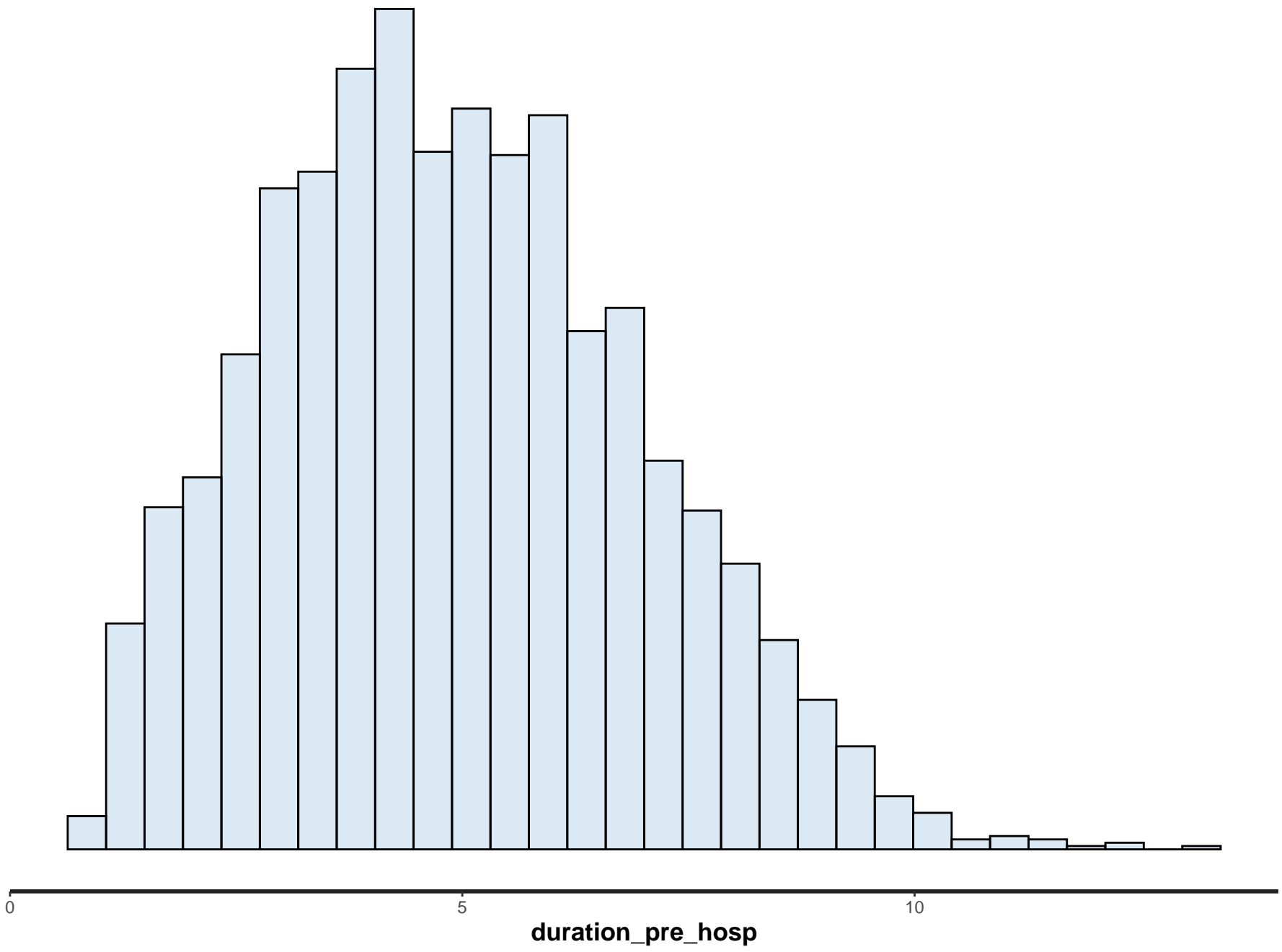


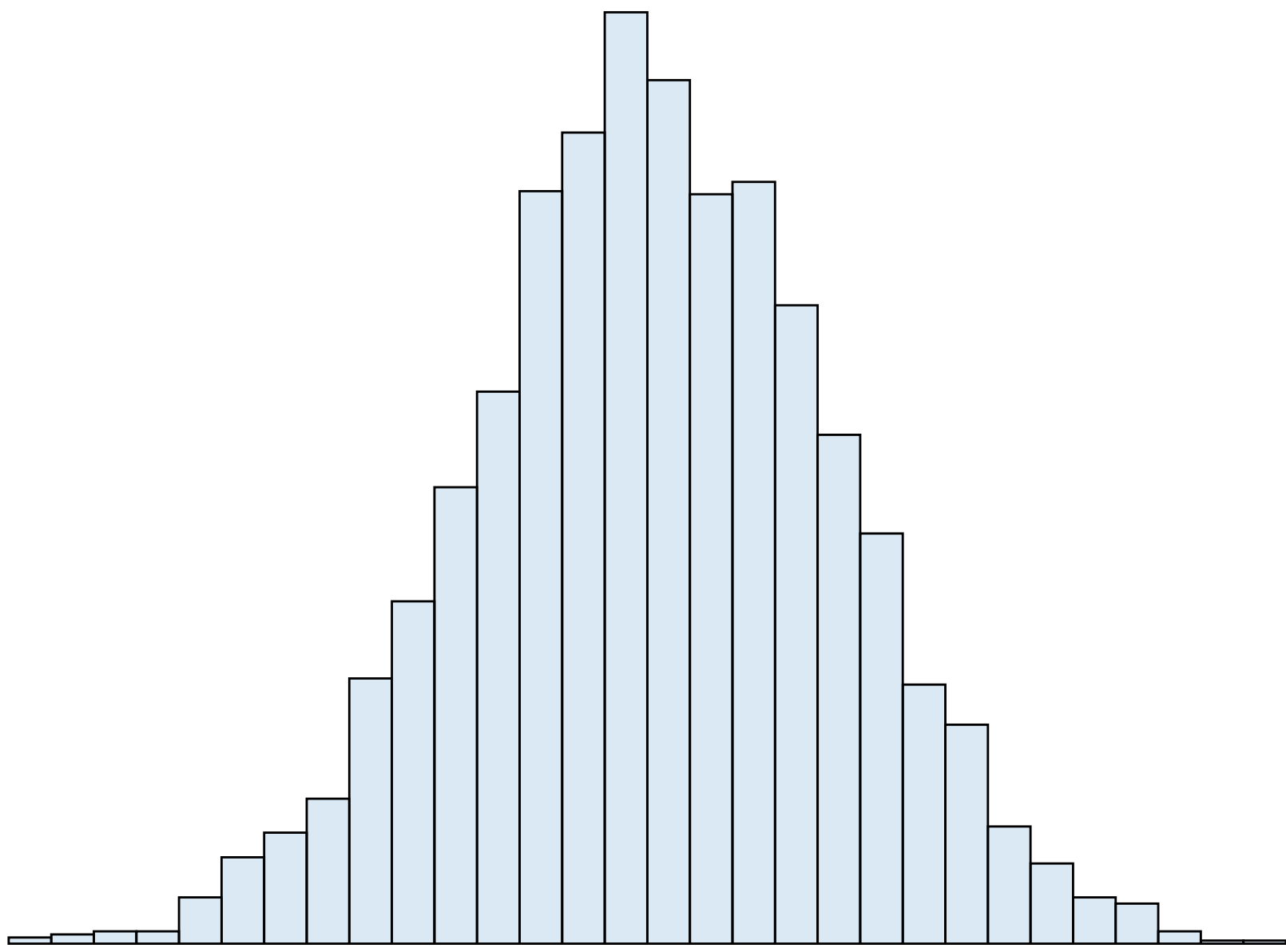




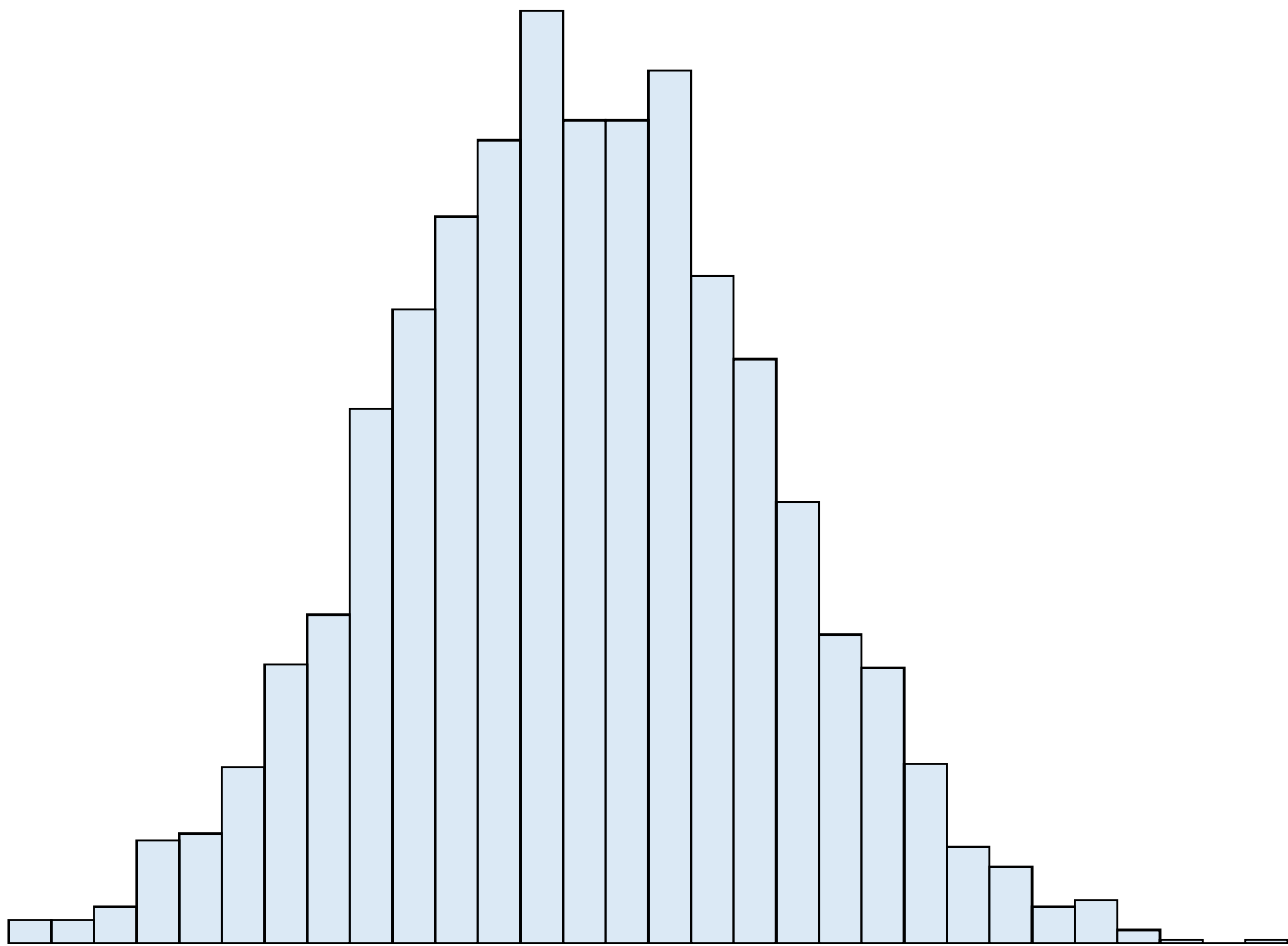








duration\_hosp\_mod



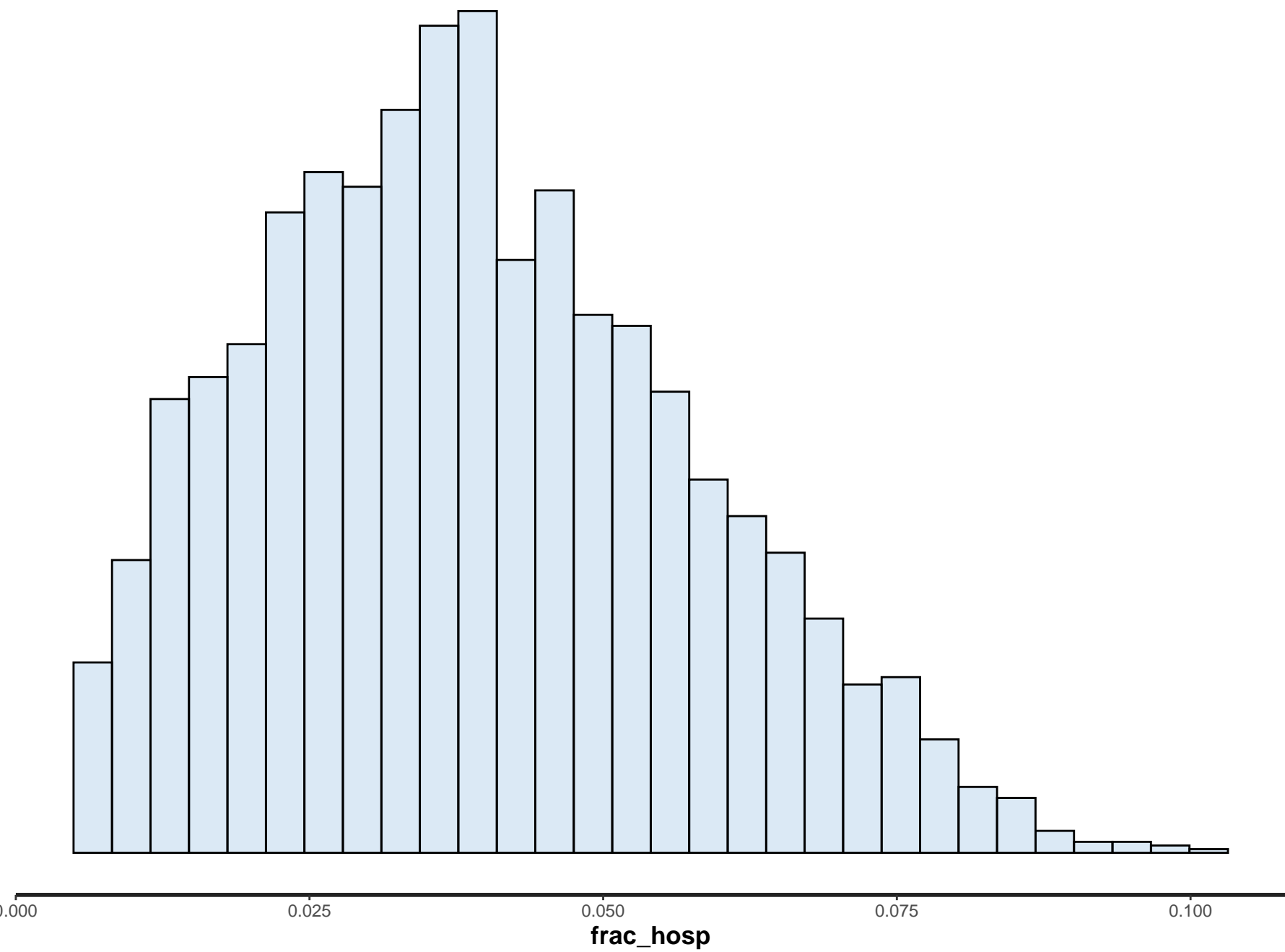
8

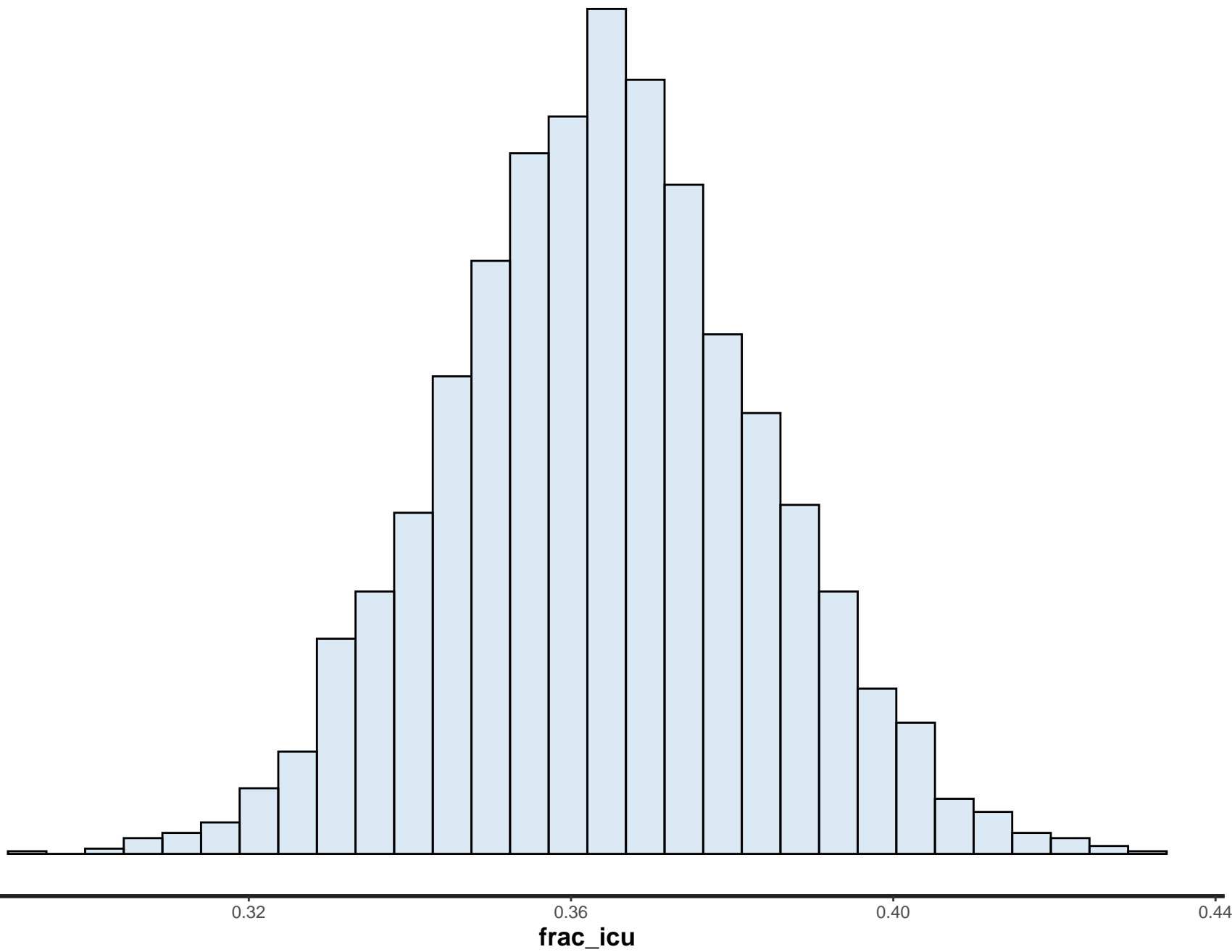
12

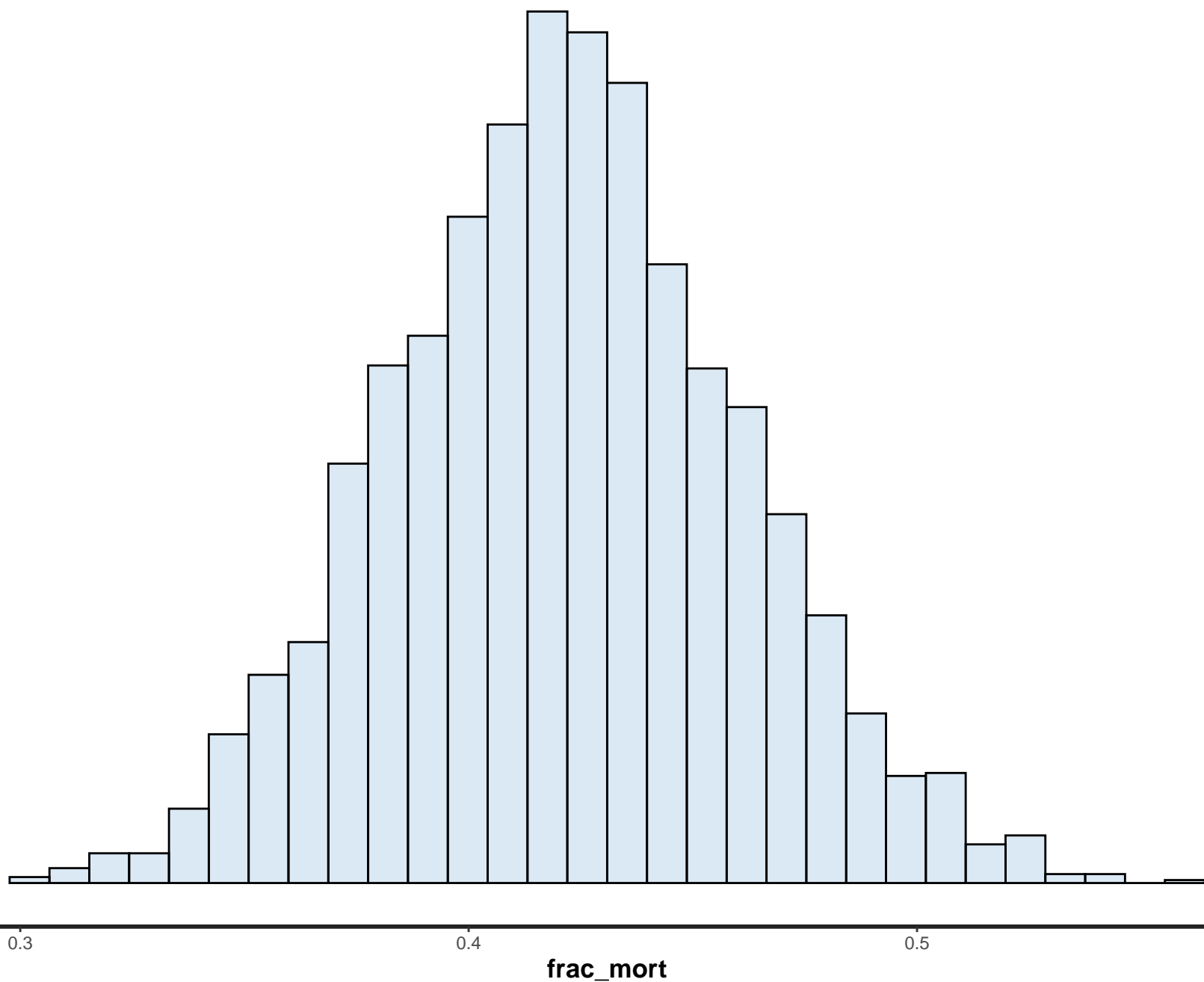
16

20

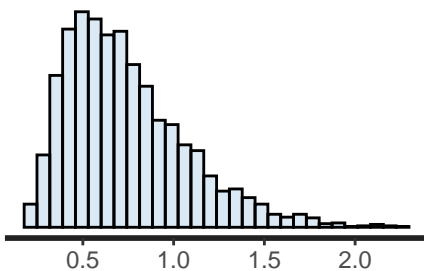
duration\_hosp\_icu



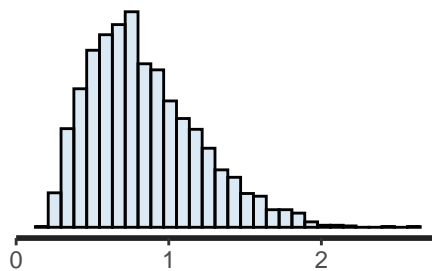




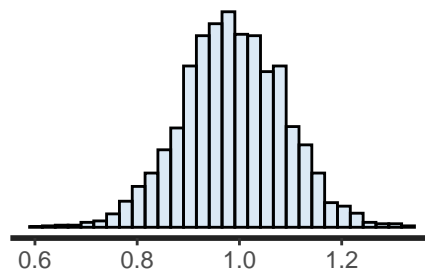
**beta\_multiplier[1]**



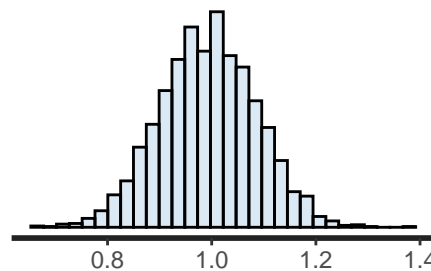
**beta\_multiplier[2]**



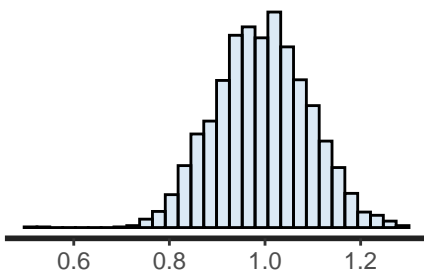
**beta\_multiplier[3]**



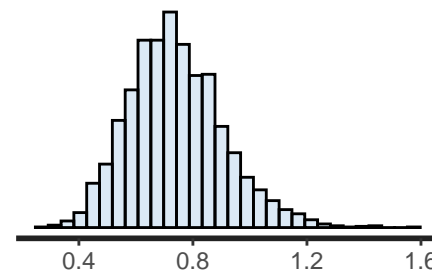
**beta\_multiplier[4]**



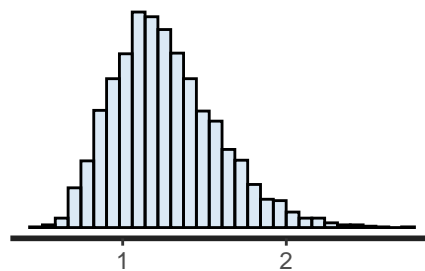
**beta\_multiplier[5]**



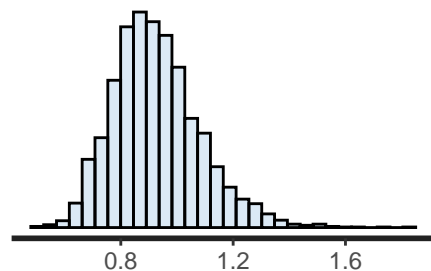
**beta\_multiplier[6]**



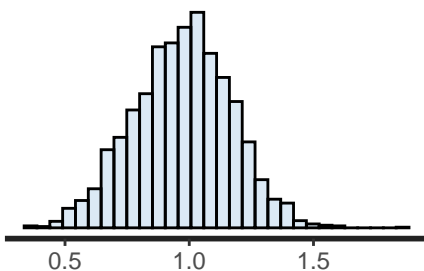
**beta\_multiplier[7]**



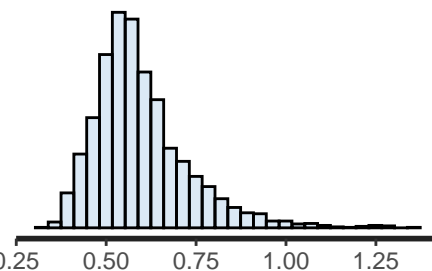
**beta\_multiplier[8]**



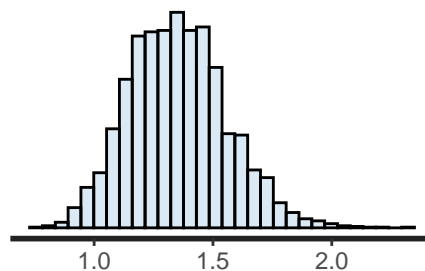
**beta\_multiplier[9]**



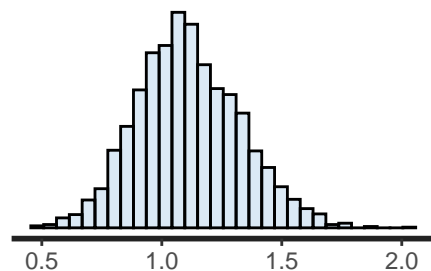
**beta\_multiplier[10]**



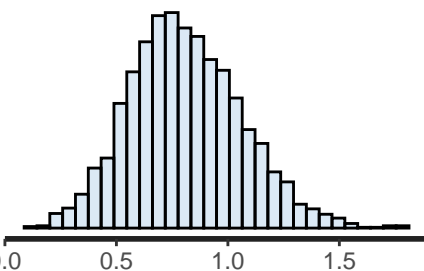
**beta\_multiplier[11]**



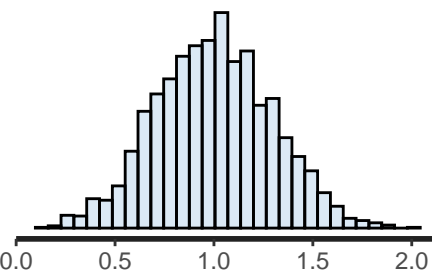
**beta\_multiplier[12]**



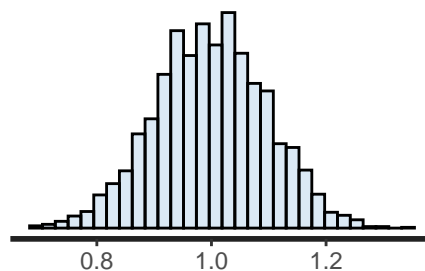
**beta\_multiplier[13]**



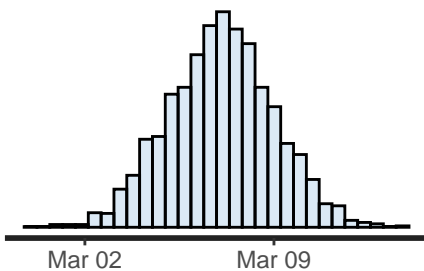
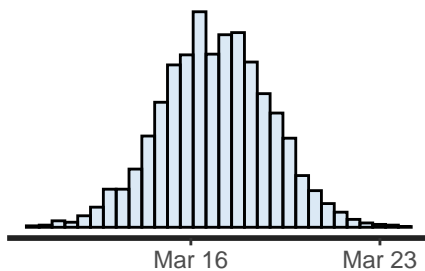
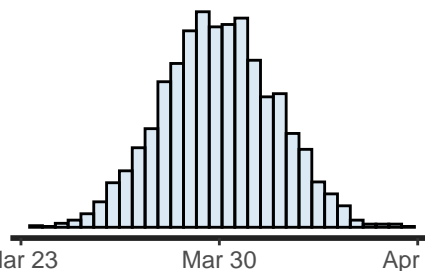
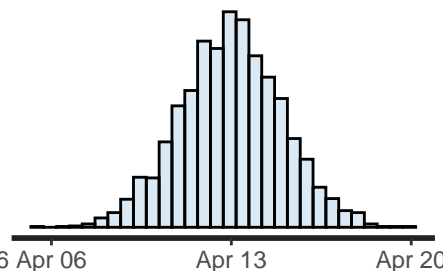
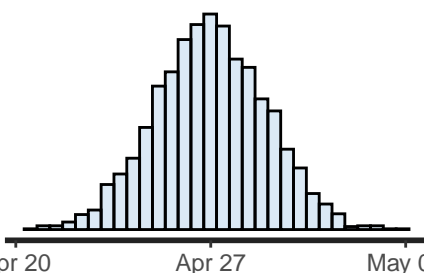
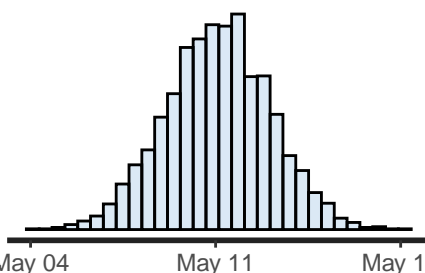
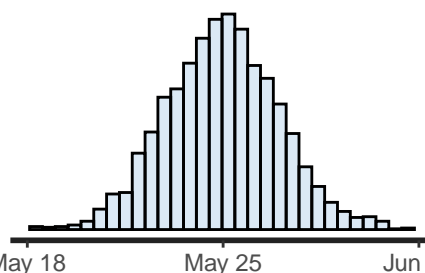
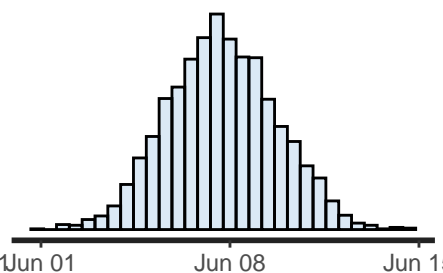
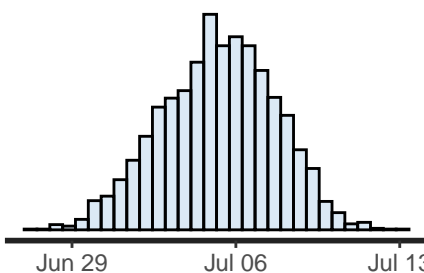
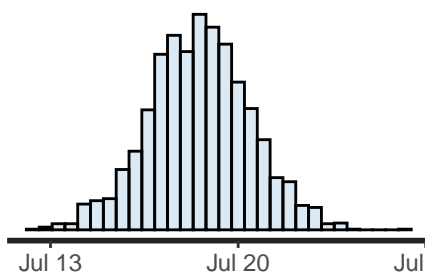
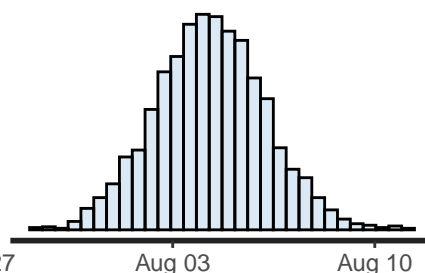
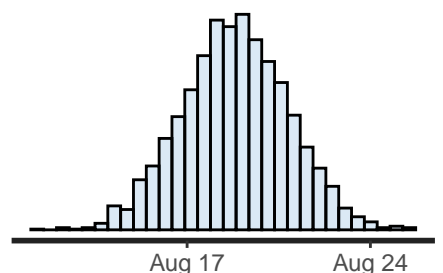
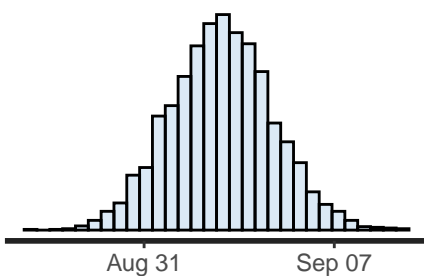
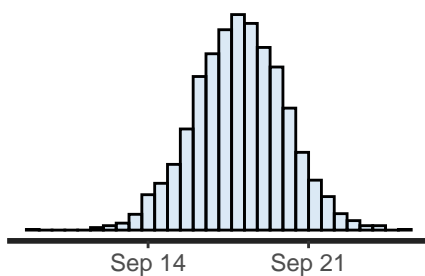
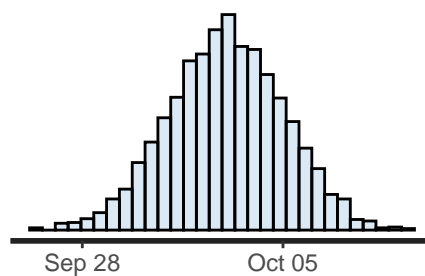
**beta\_multiplier[14]**



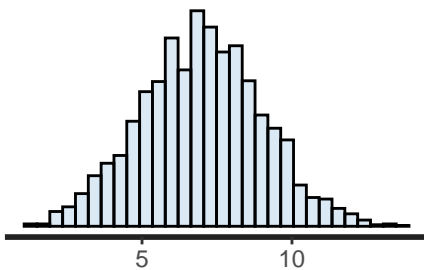
**beta\_multiplier[15]**



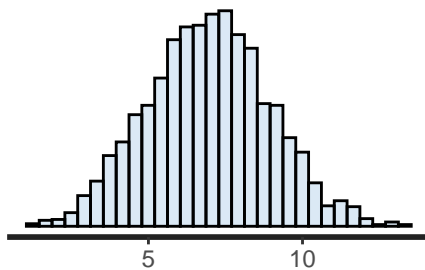


**t\_inter[1]****t\_inter[2]****t\_inter[3]****t\_inter[4]****t\_inter[5]****t\_inter[6]****t\_inter[7]****t\_inter[8]****t\_inter[9]****t\_inter[10]****t\_inter[11]****t\_inter[12]****t\_inter[13]****t\_inter[14]****t\_inter[15]**

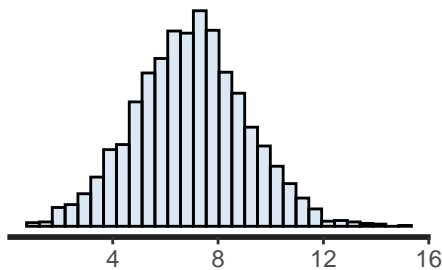
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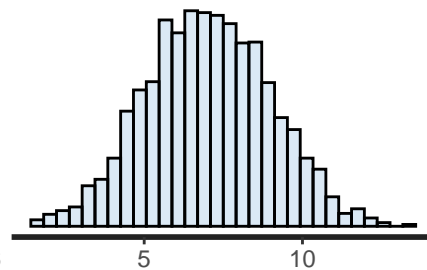
len\_inter[2]



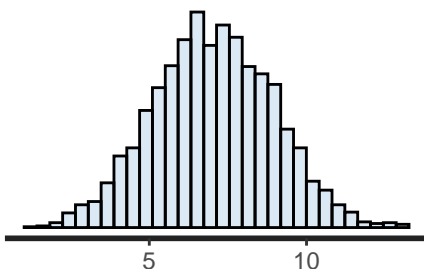
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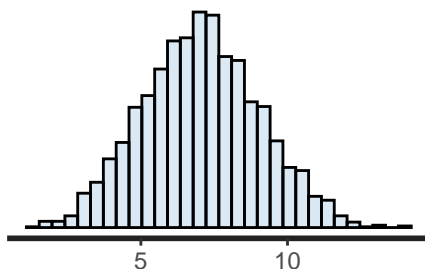
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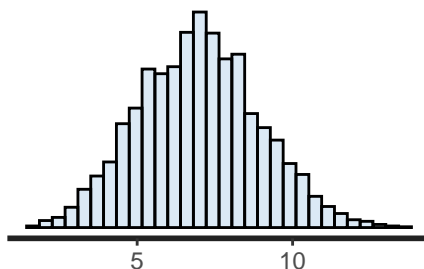
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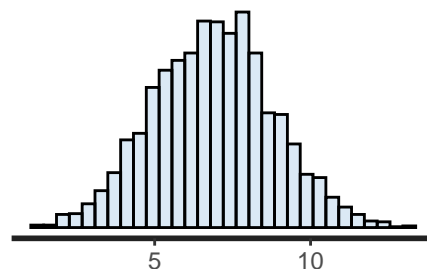
len\_inter[6]



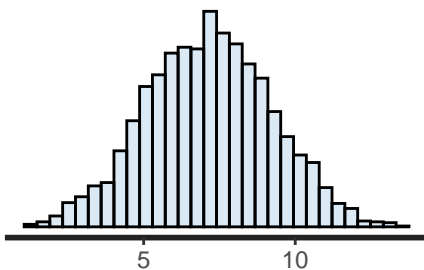
len\_inter[7]



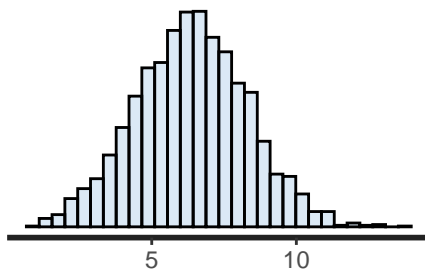
len\_inter[8]



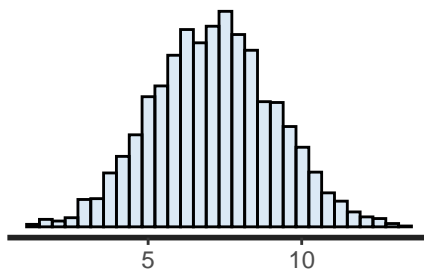
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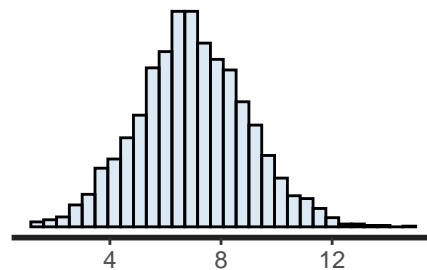
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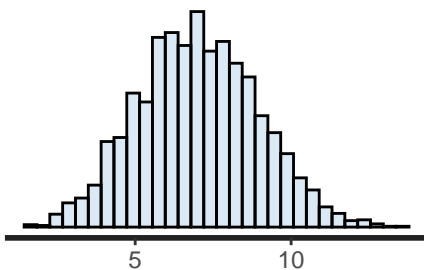
len\_inter[11]



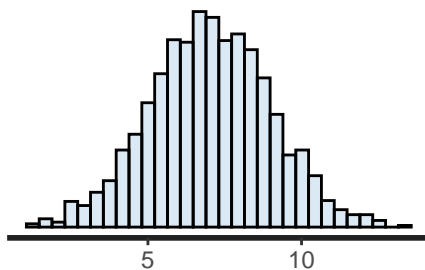
len\_inter[12]



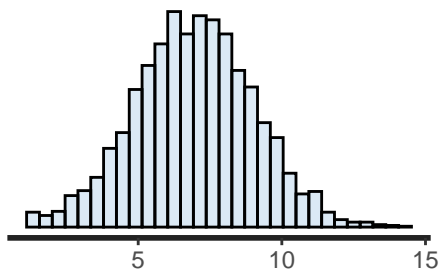
len\_inter[13]



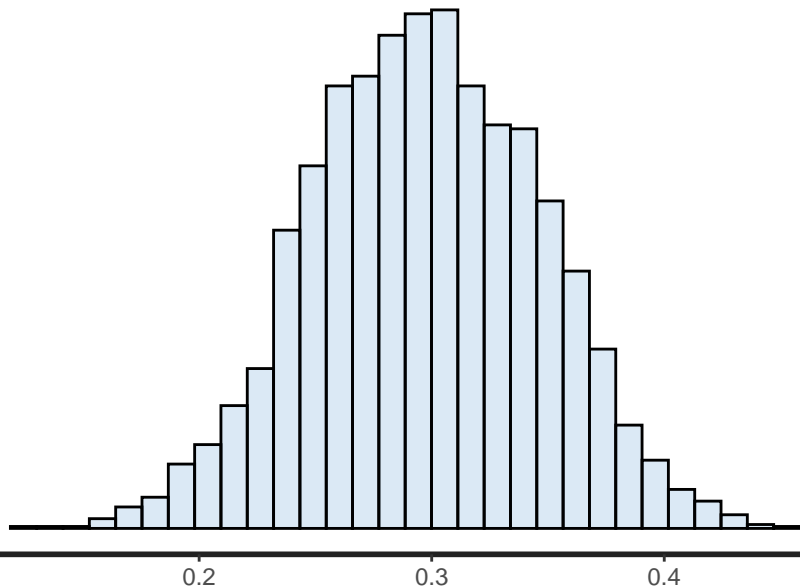
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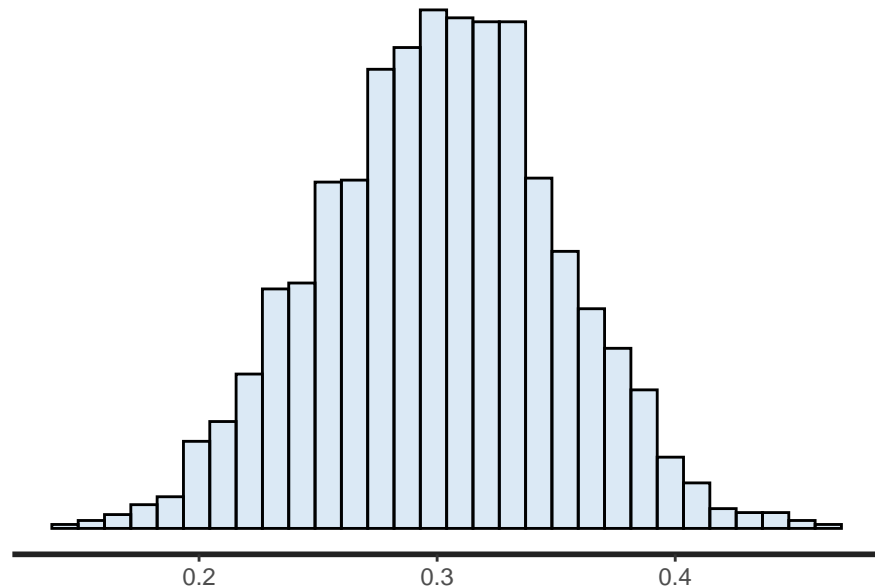
len\_inter[15]



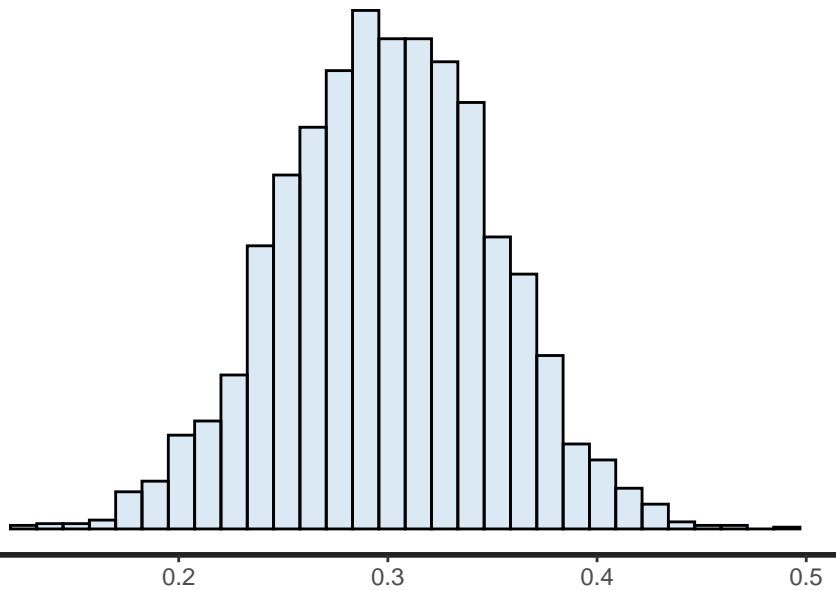
**frac\_PUI[1]**



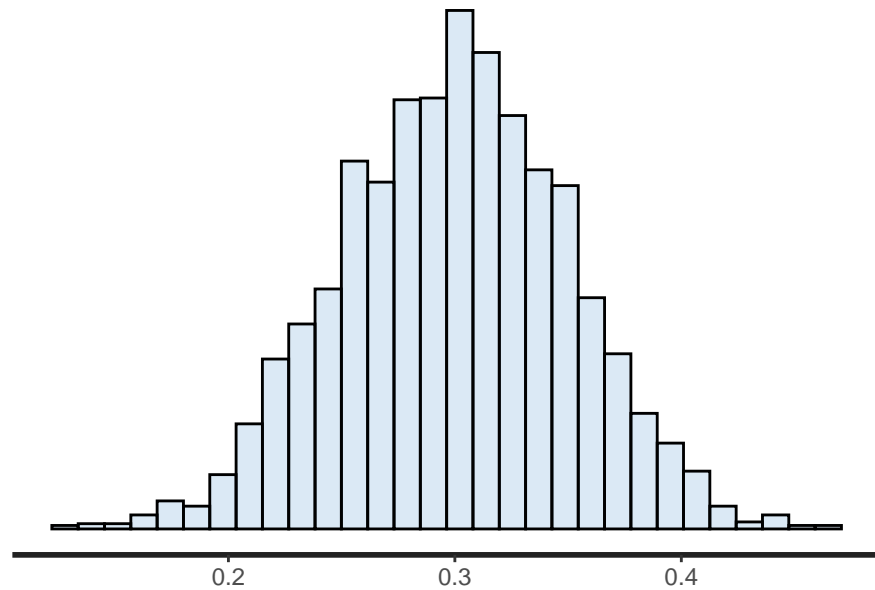
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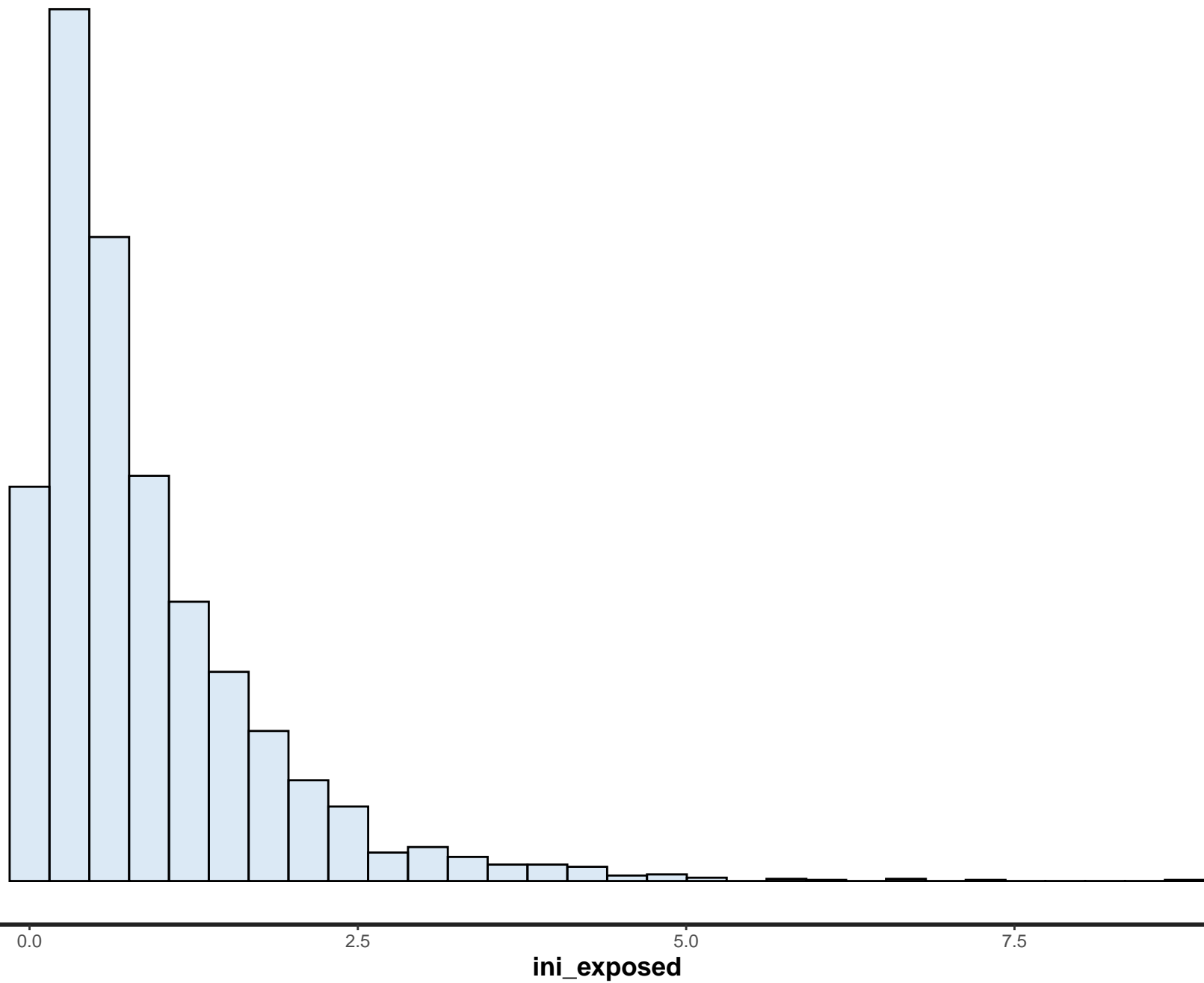


**frac\_PUI[3]**

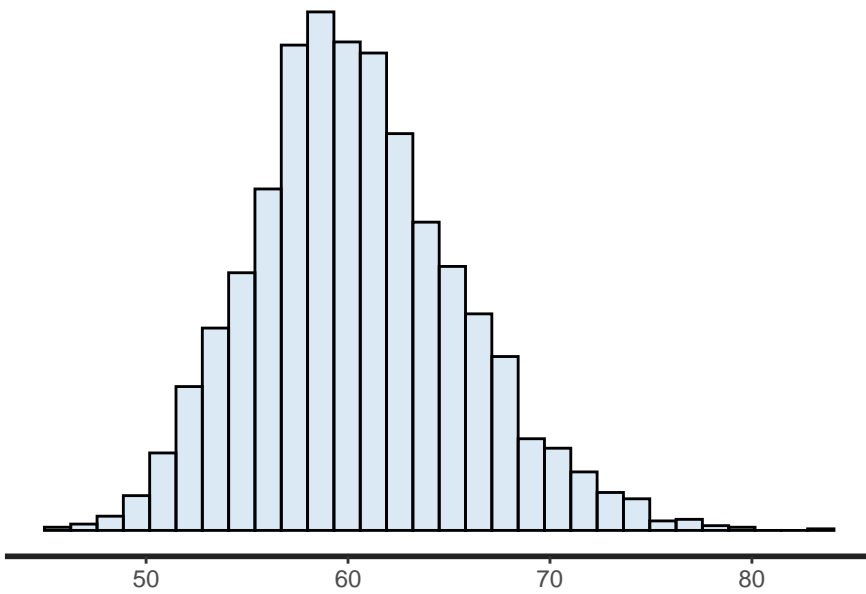


**frac\_PUI[4]**

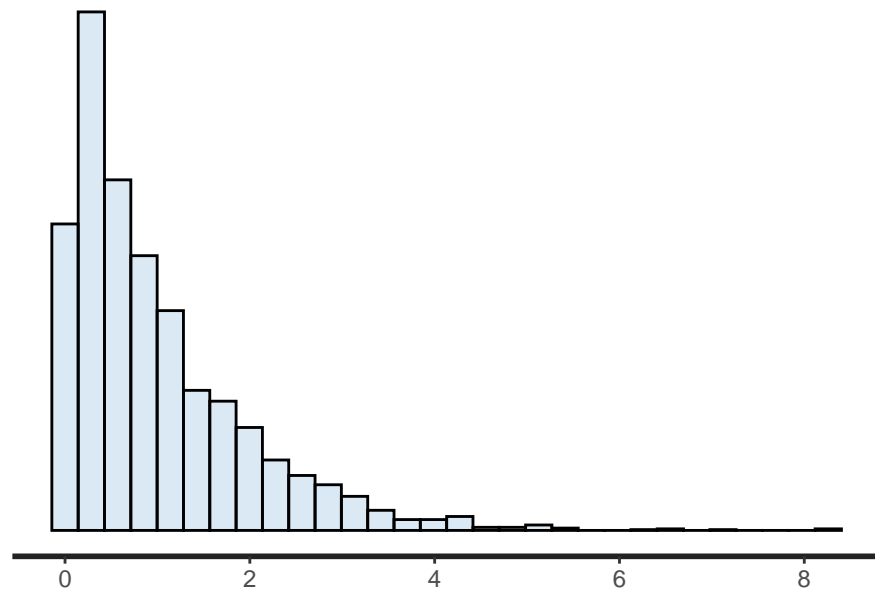




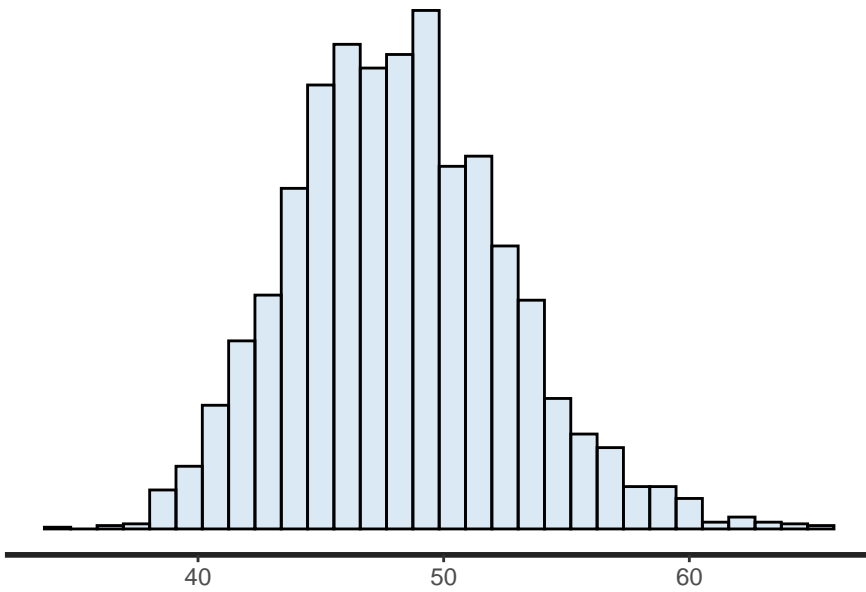
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

