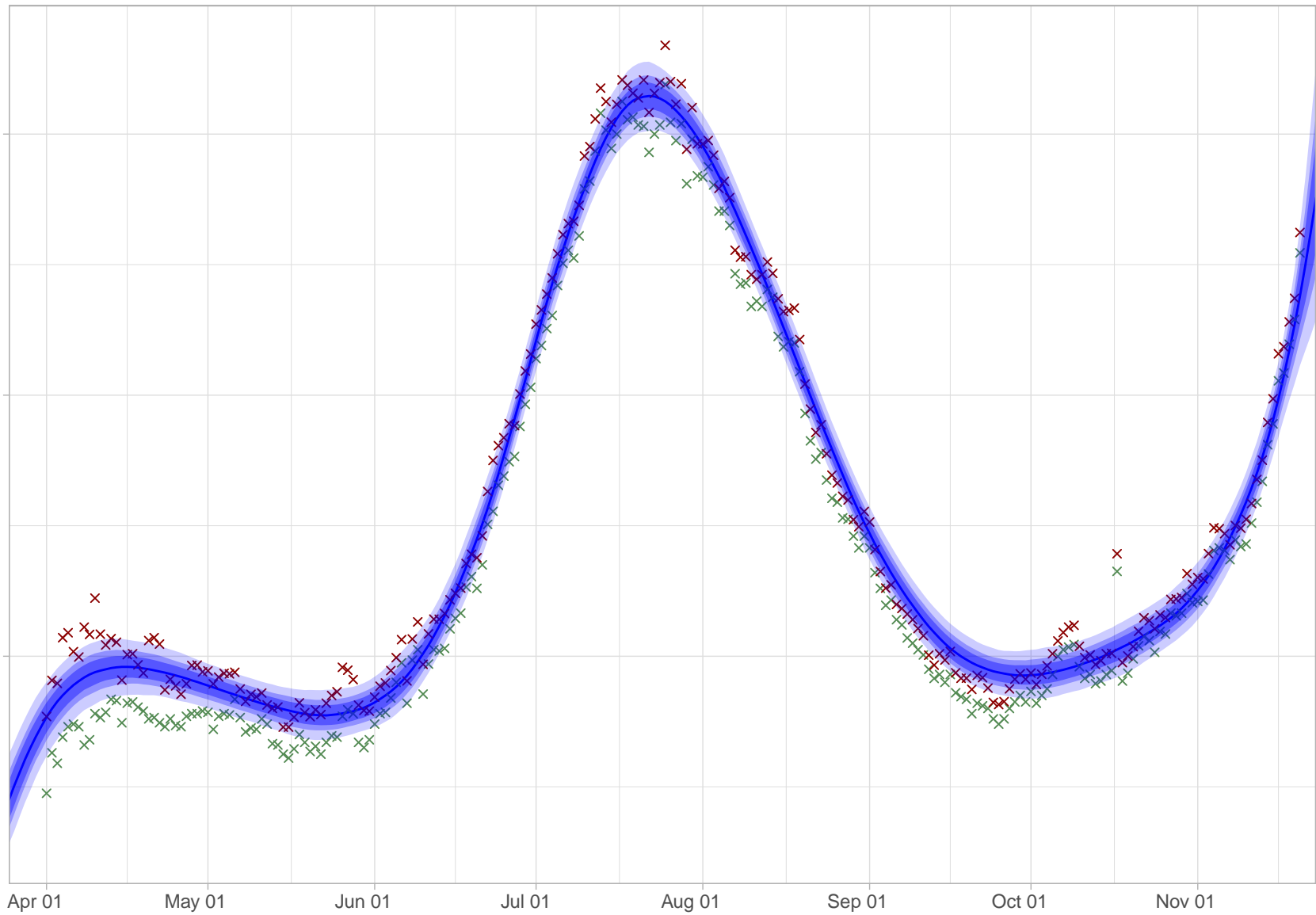


Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital



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

Long Term Hospitalization Projection

Number of COVID19 Patients in Hospital

4000

2000

0

Apr 01

May 01

Jun 01

Jul 01

Aug 01

Sep 01

Oct 01

Nov 01

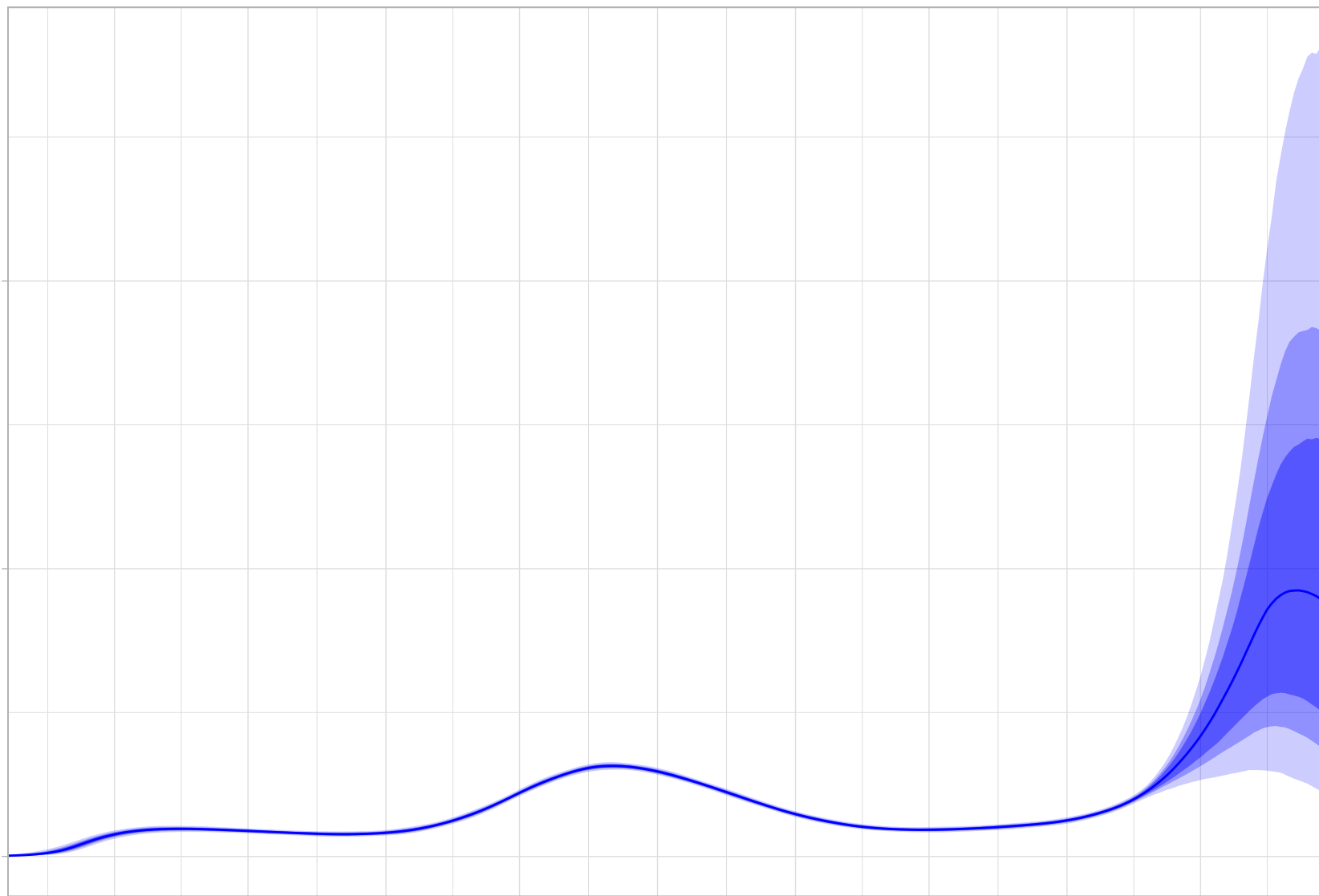
Dec 01

— Median

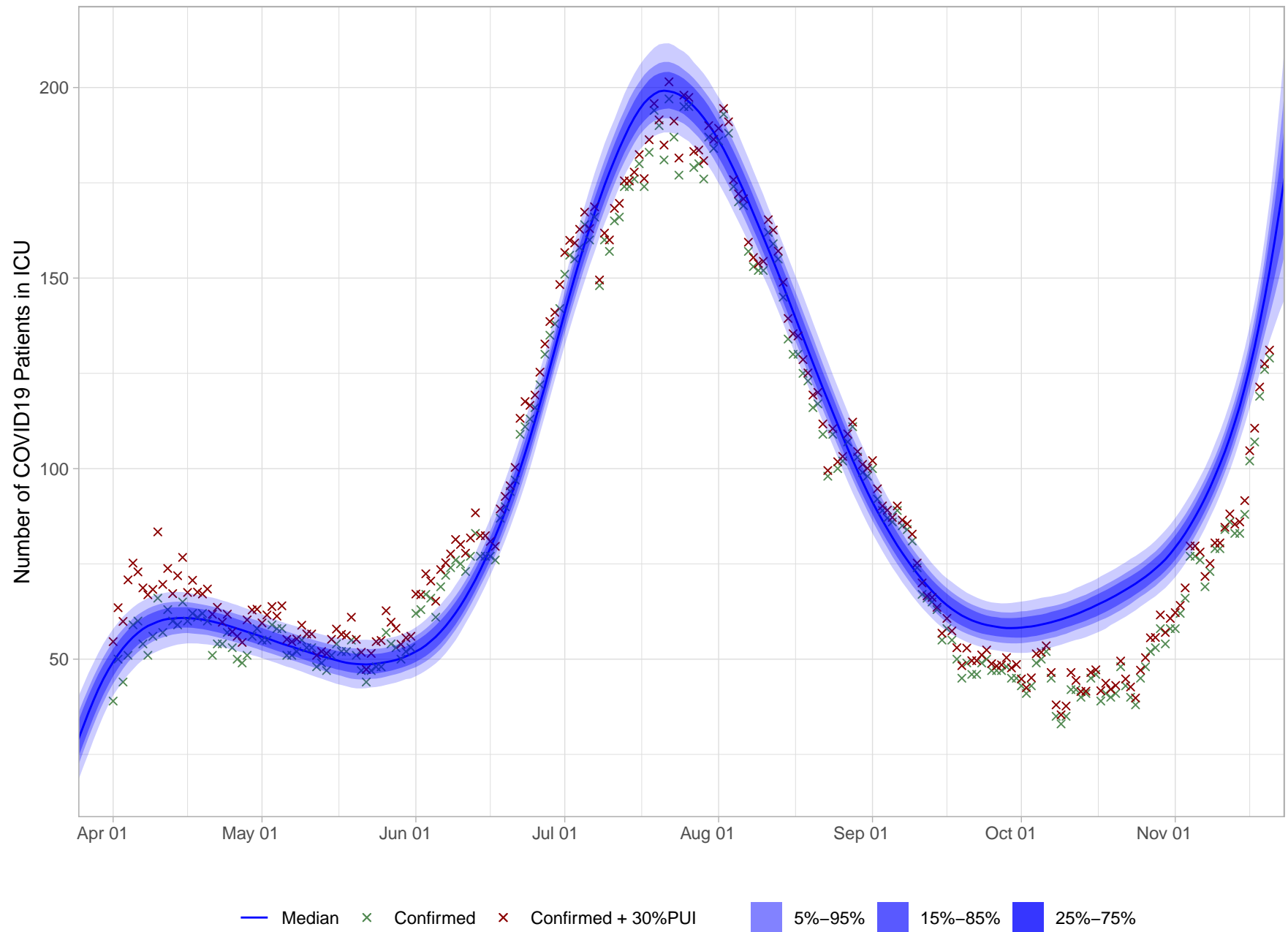
5%–95%

15%–85%

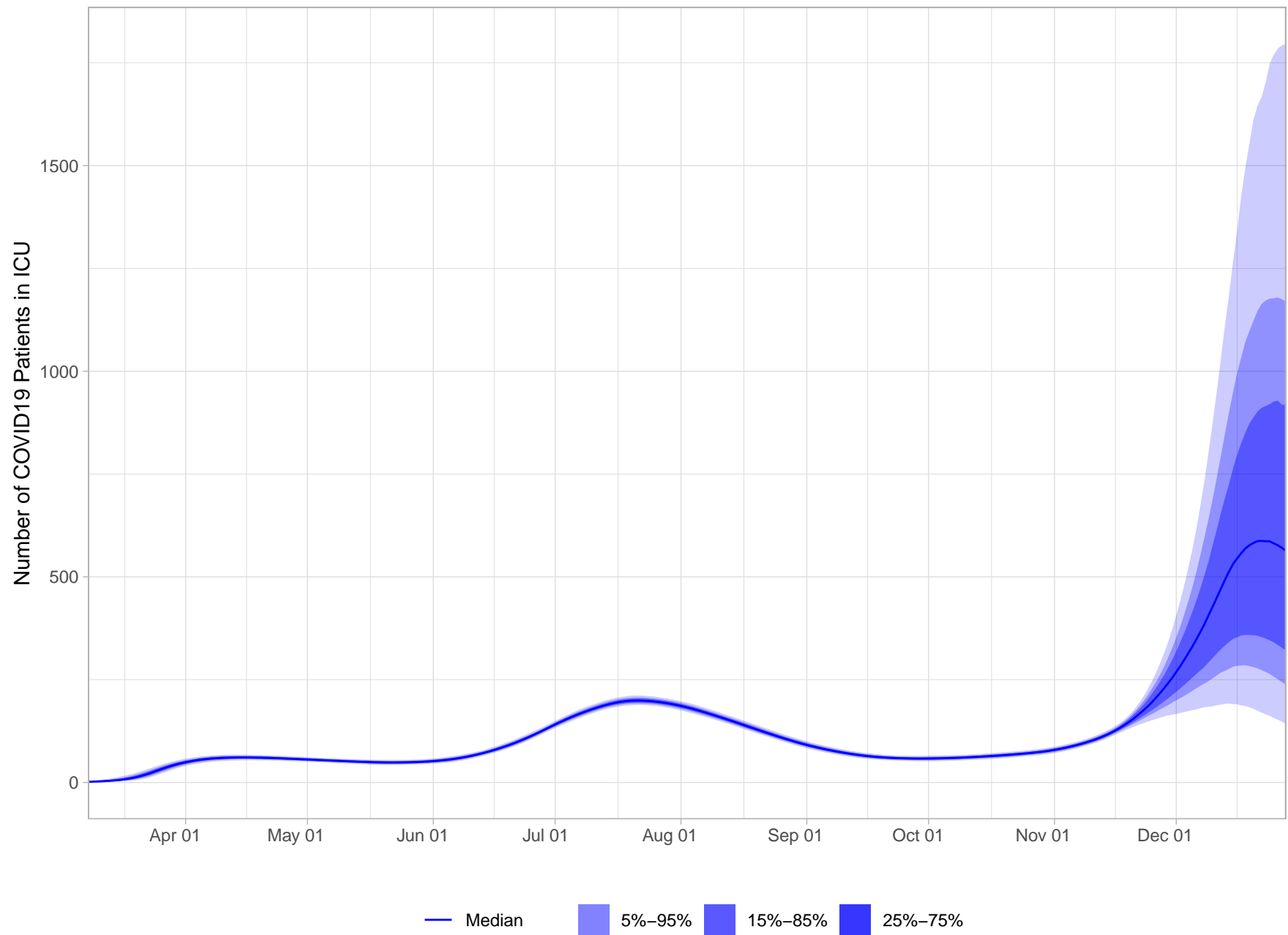
25%–75%



Short Term ICU Projection

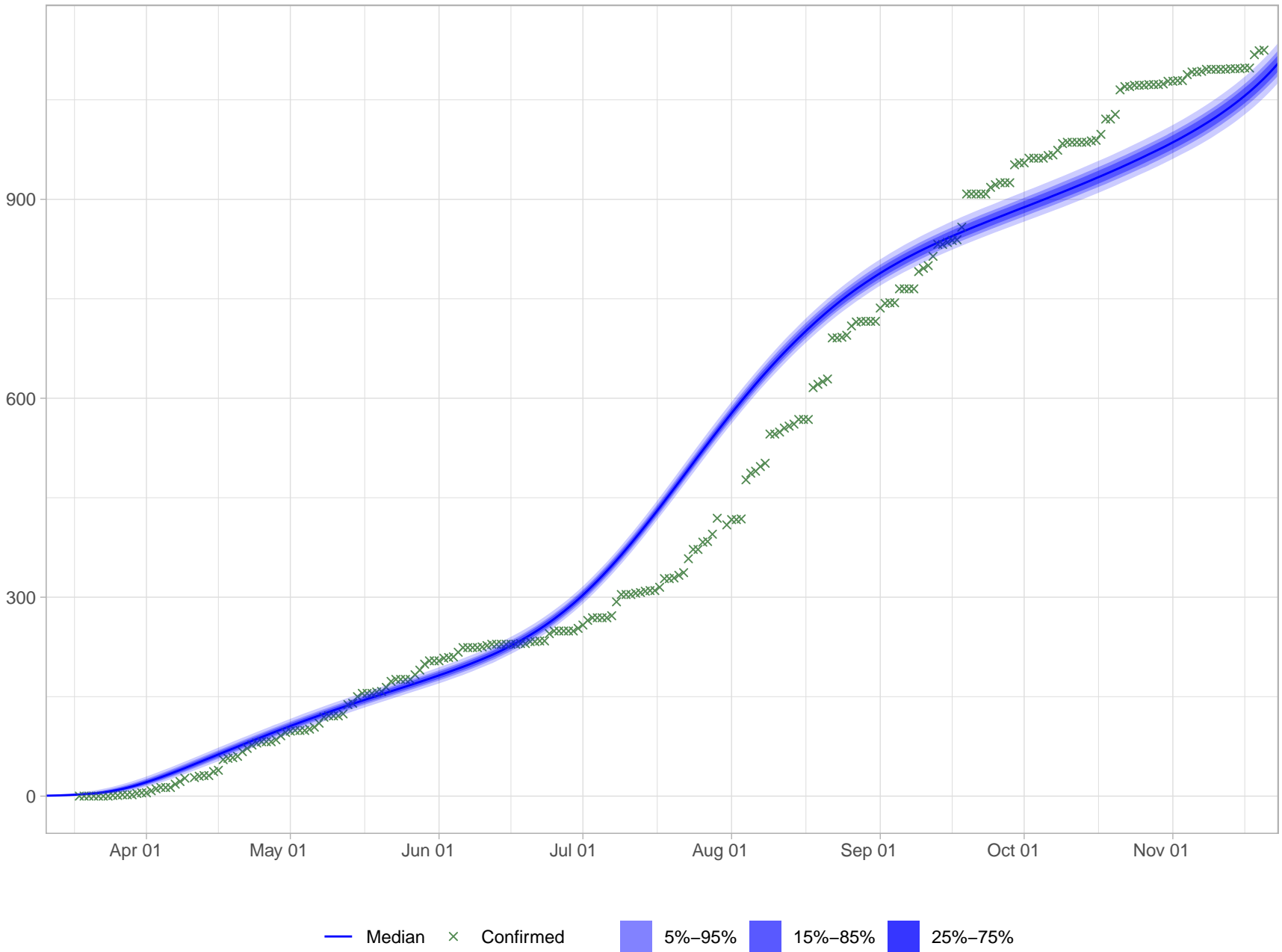


Long Term ICU Projection

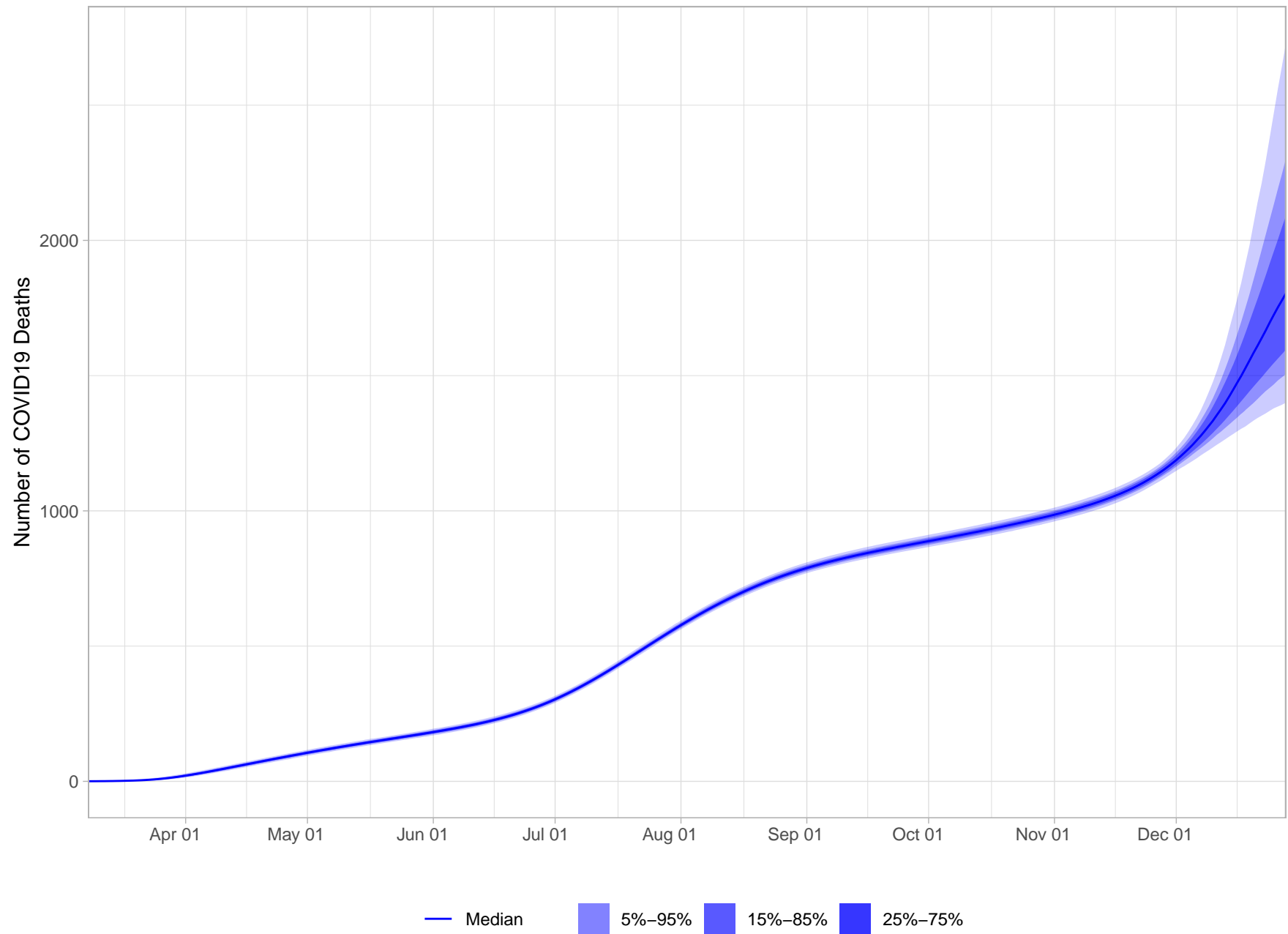


Short Term Death Projection

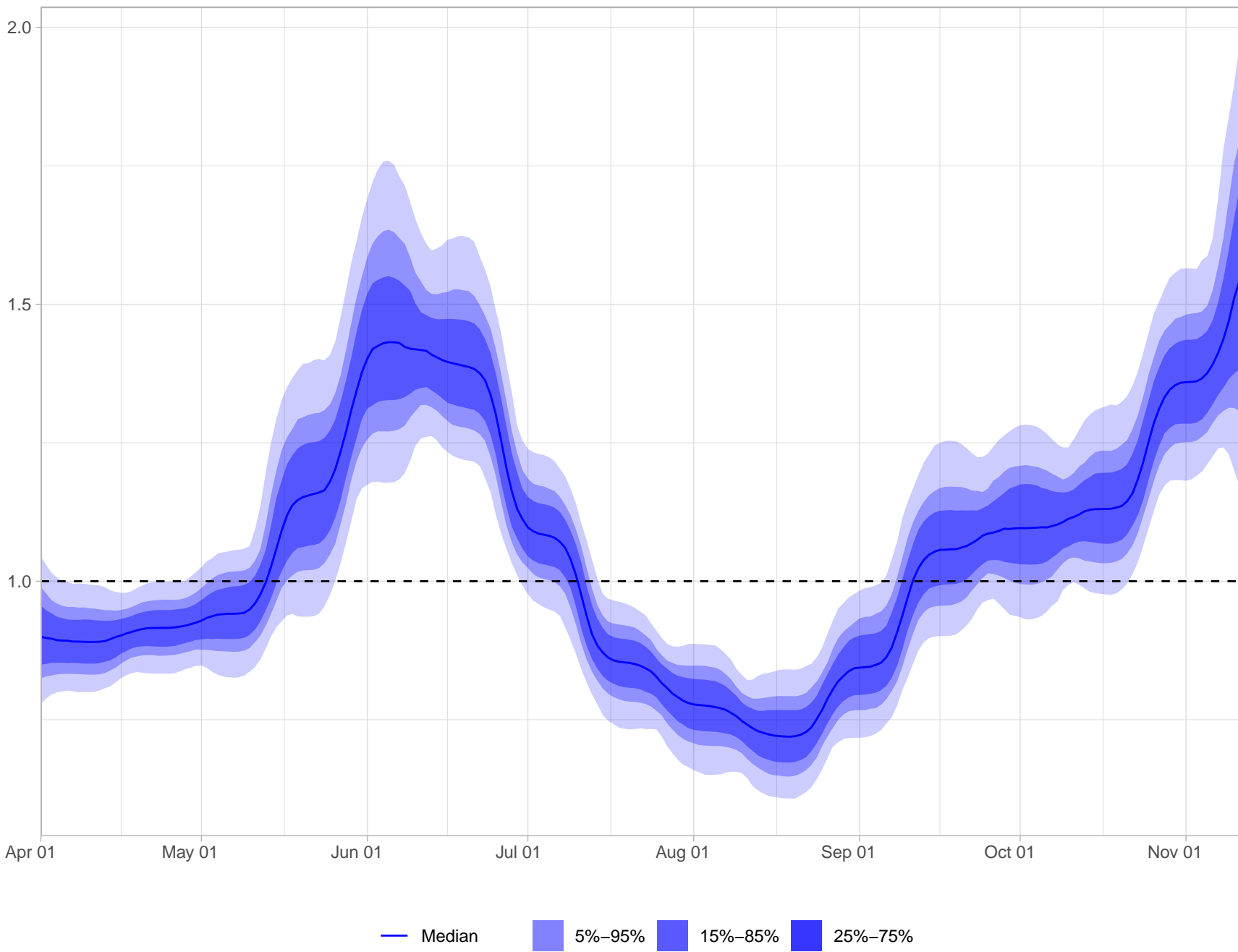
Number of COVID19 Deaths



Long Term Death Projection

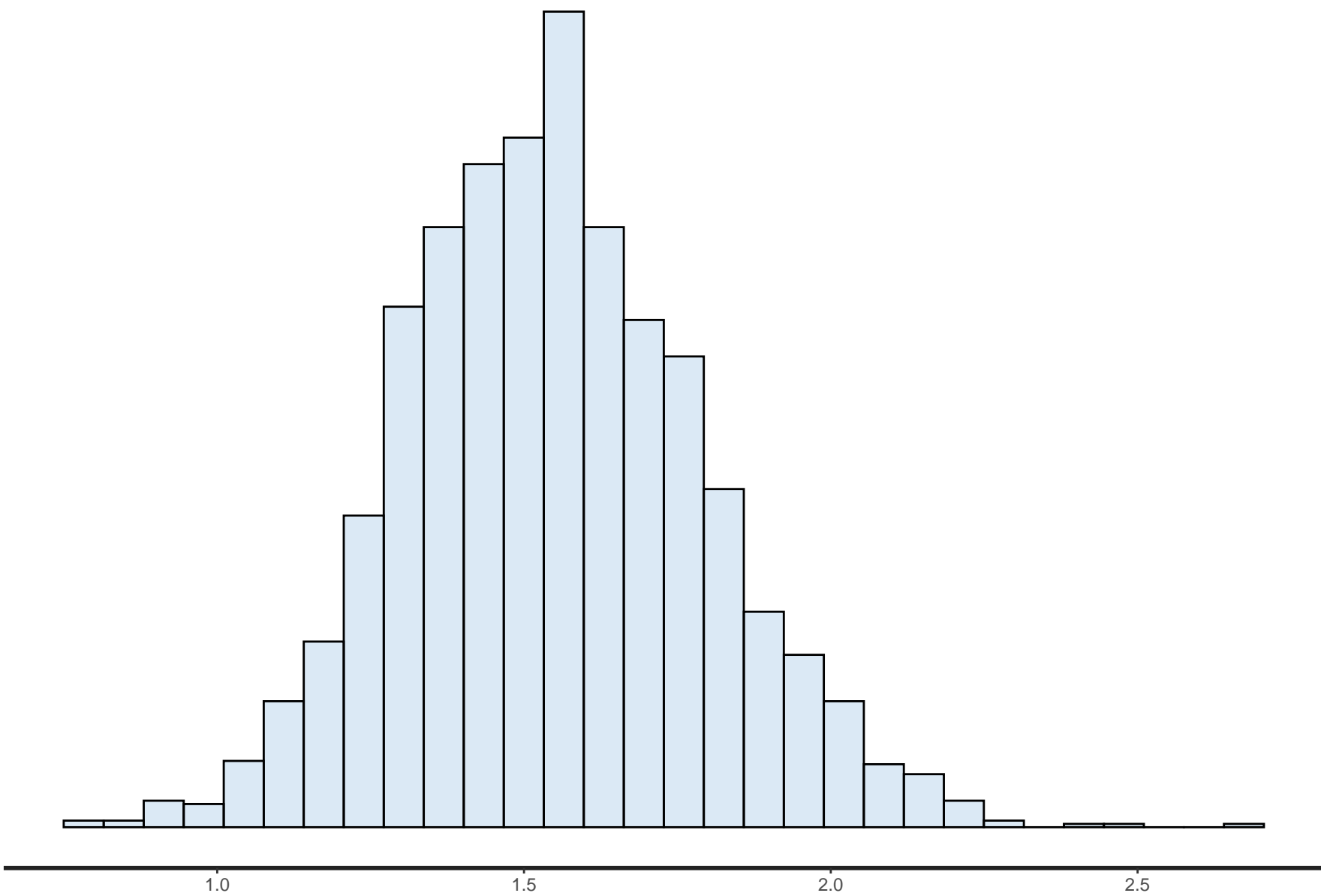


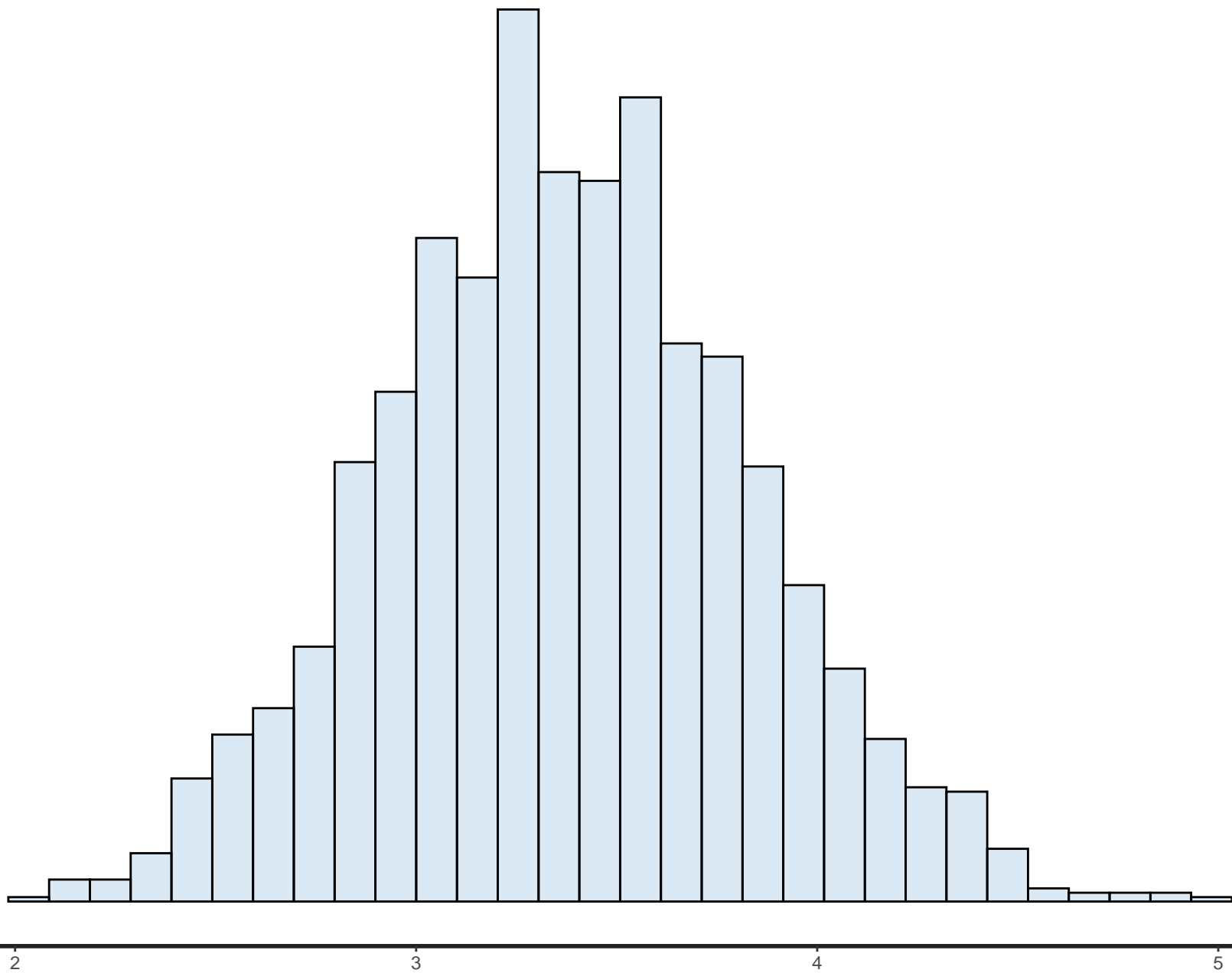
Effective Reproduction Number

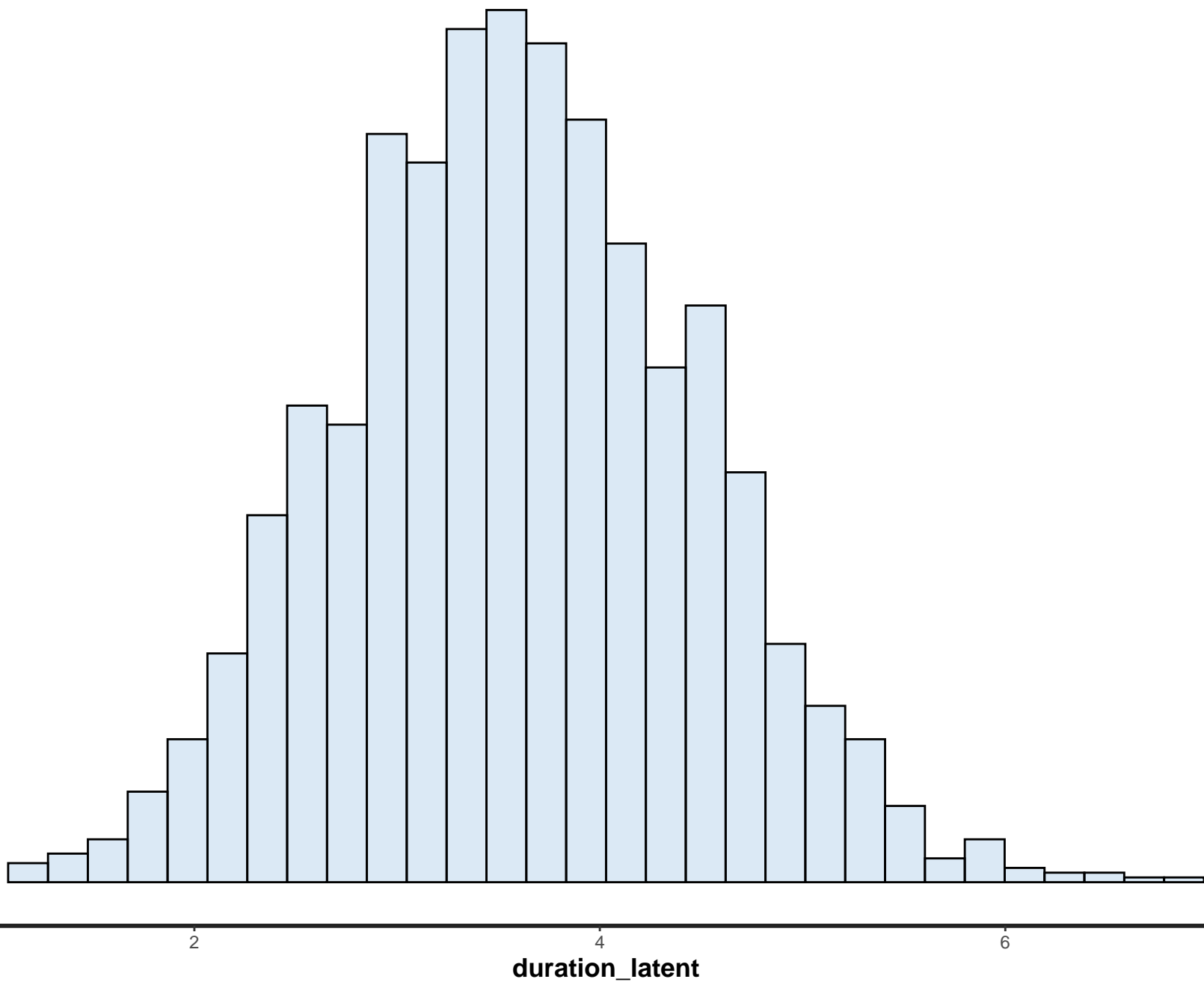


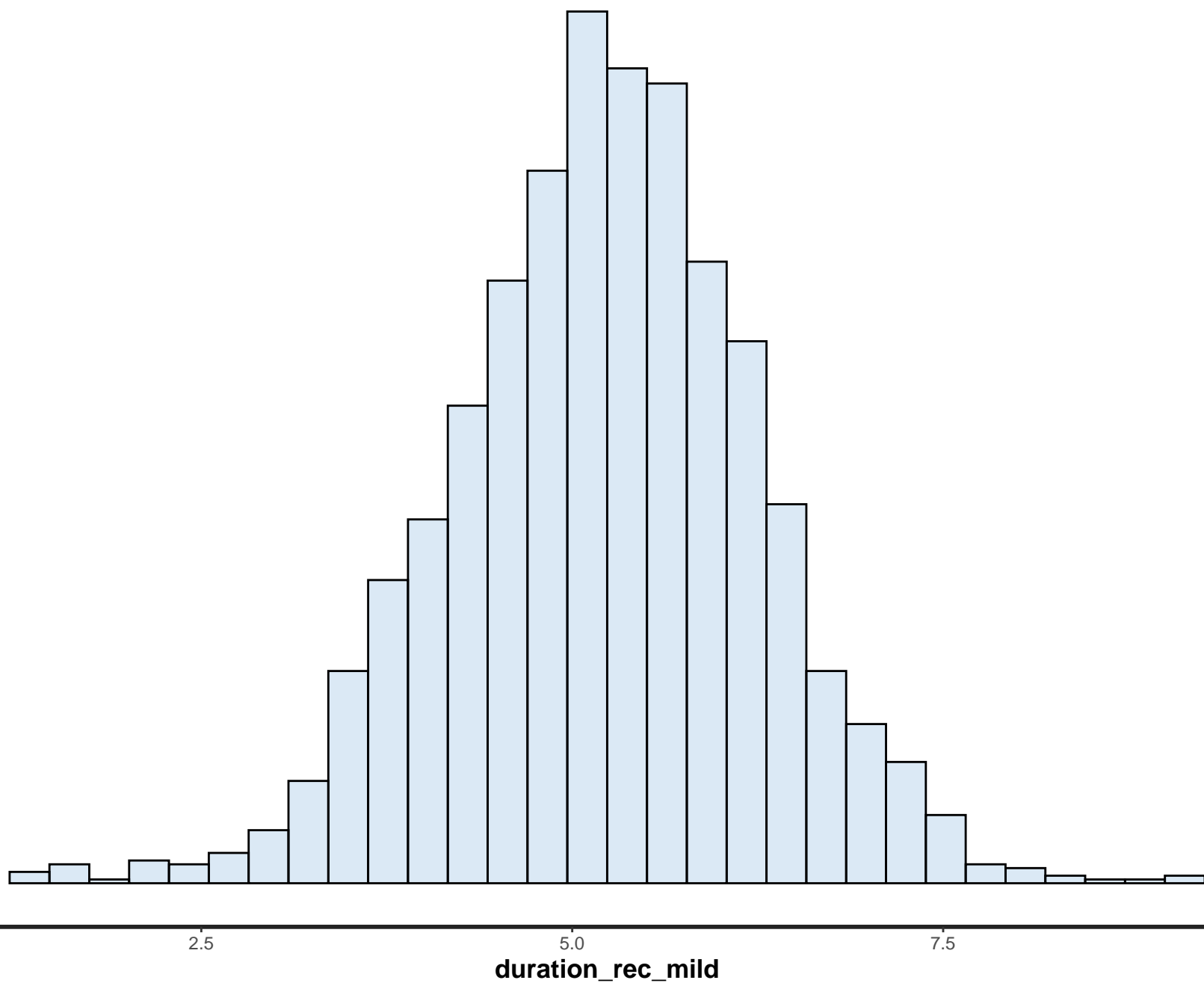
Rt as of 2020-11-11

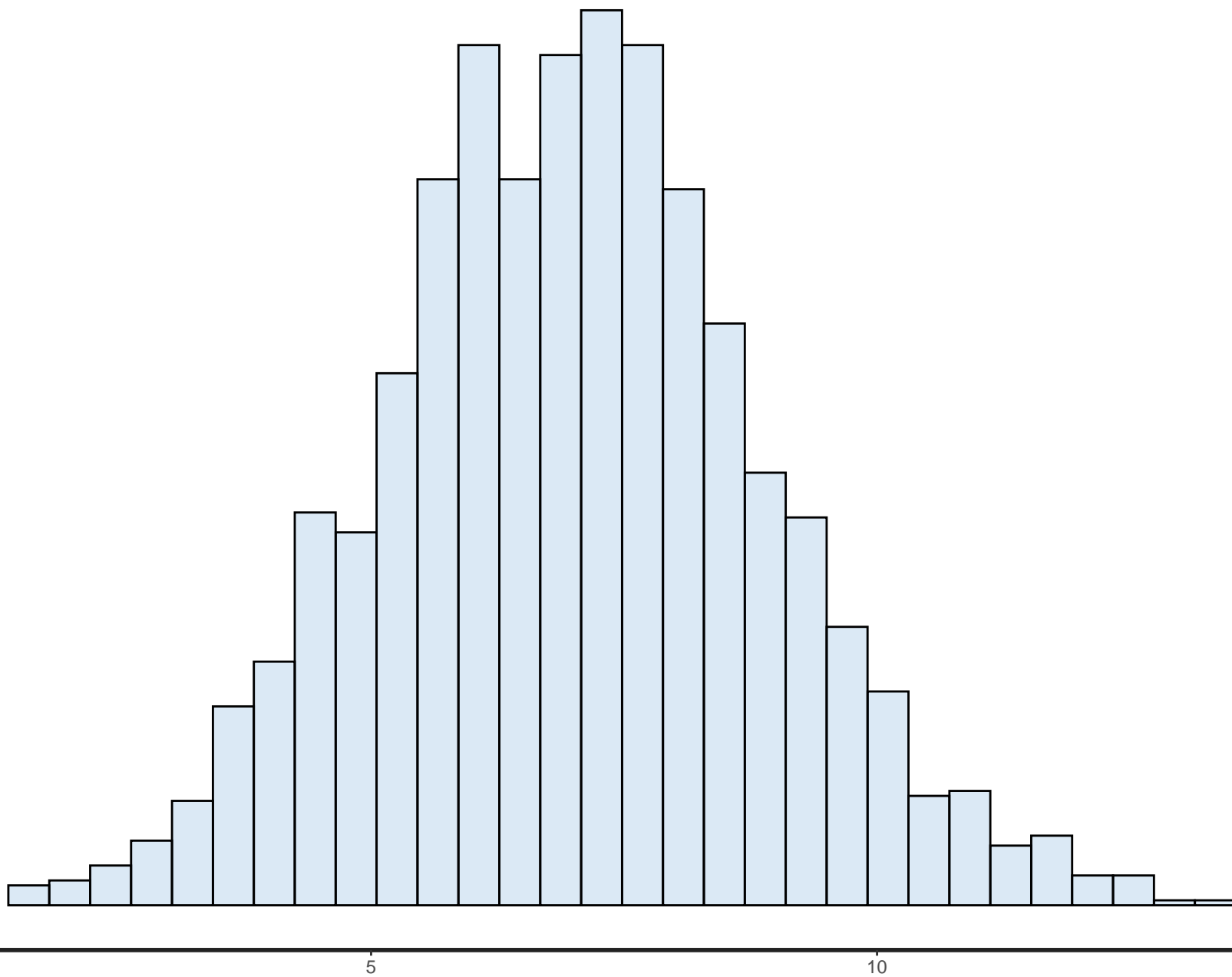
5% 10% 25% 50% 75% 90% 95%
1.17 1.26 1.38 1.54 1.71 1.86 1.97

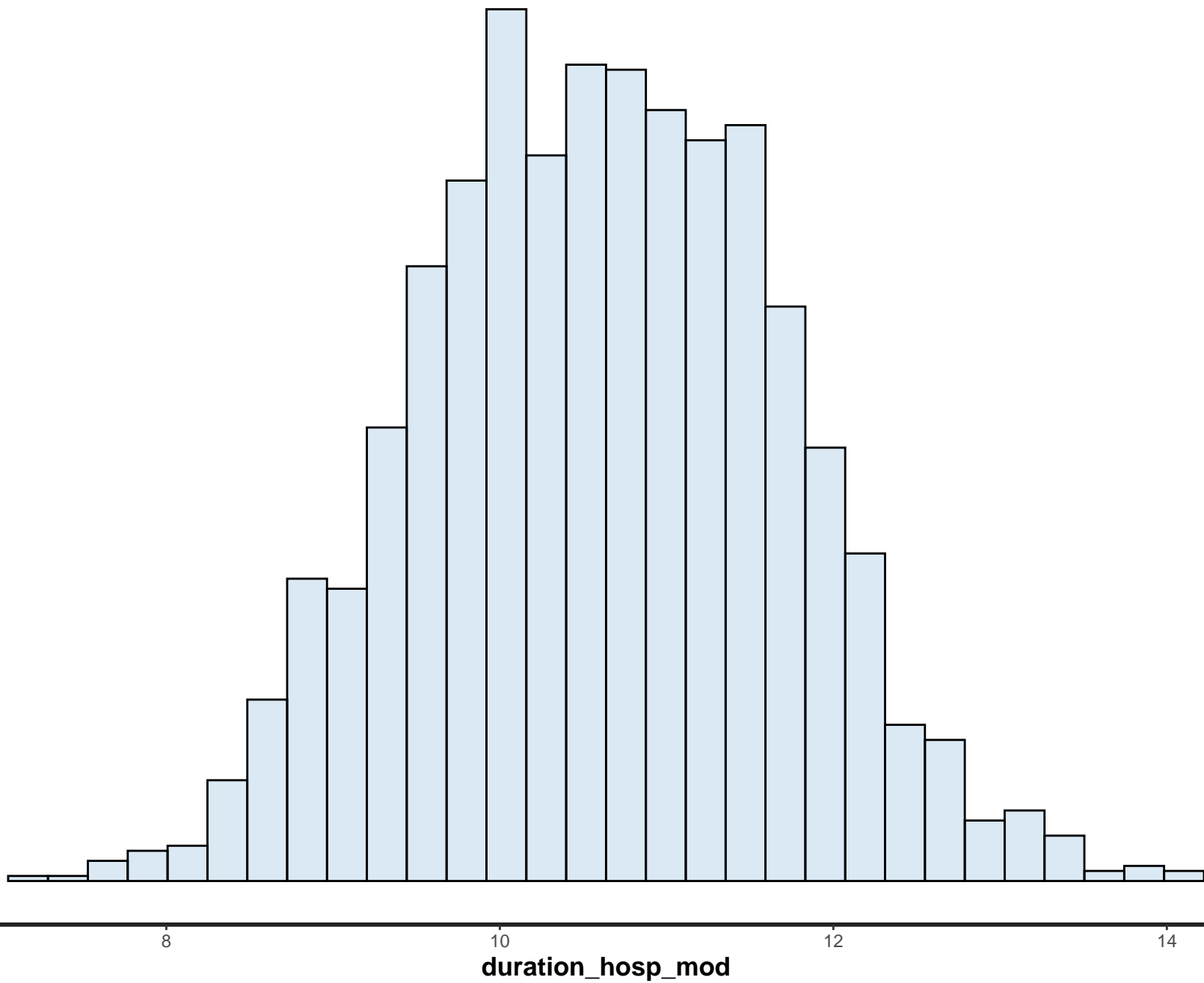


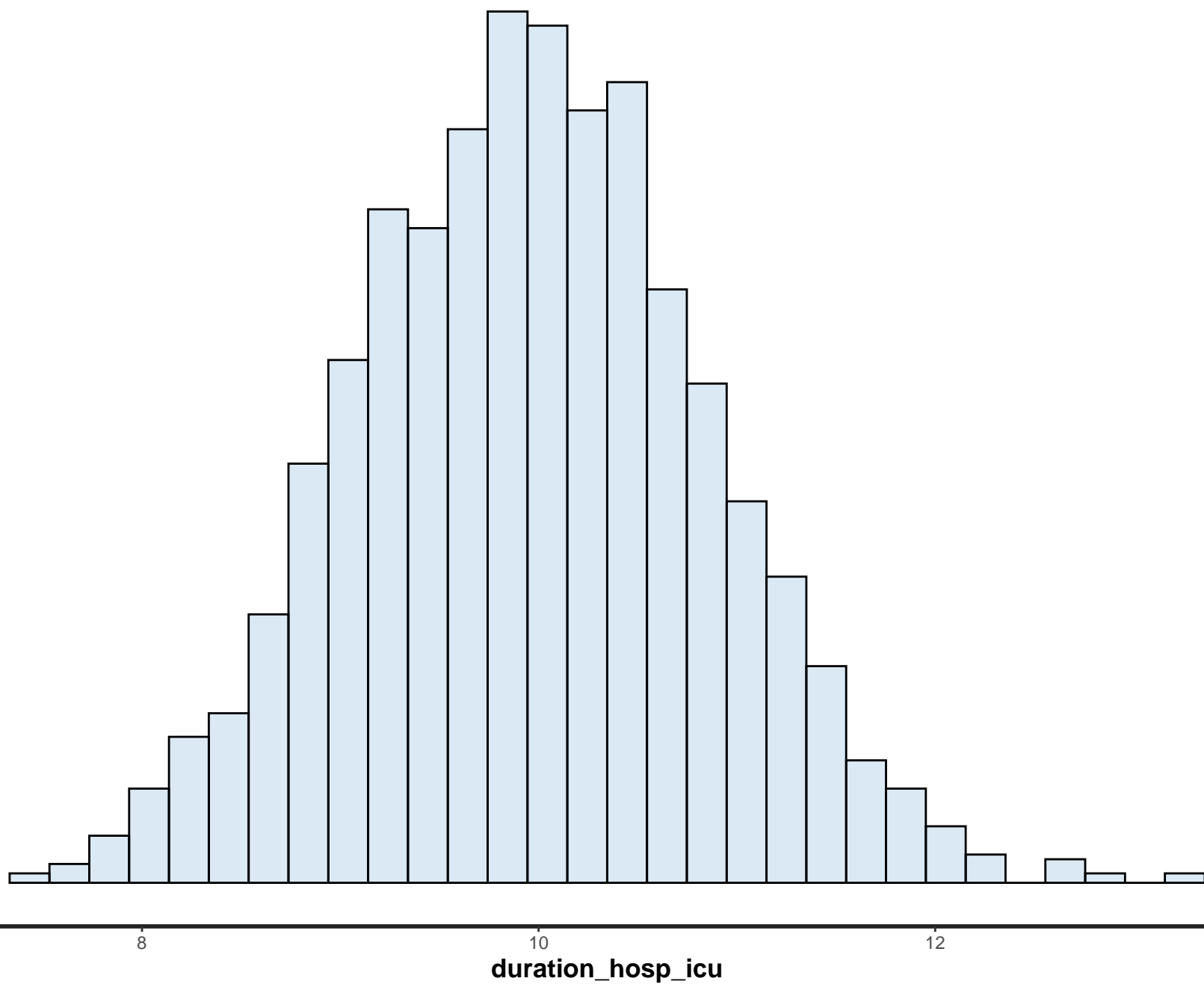


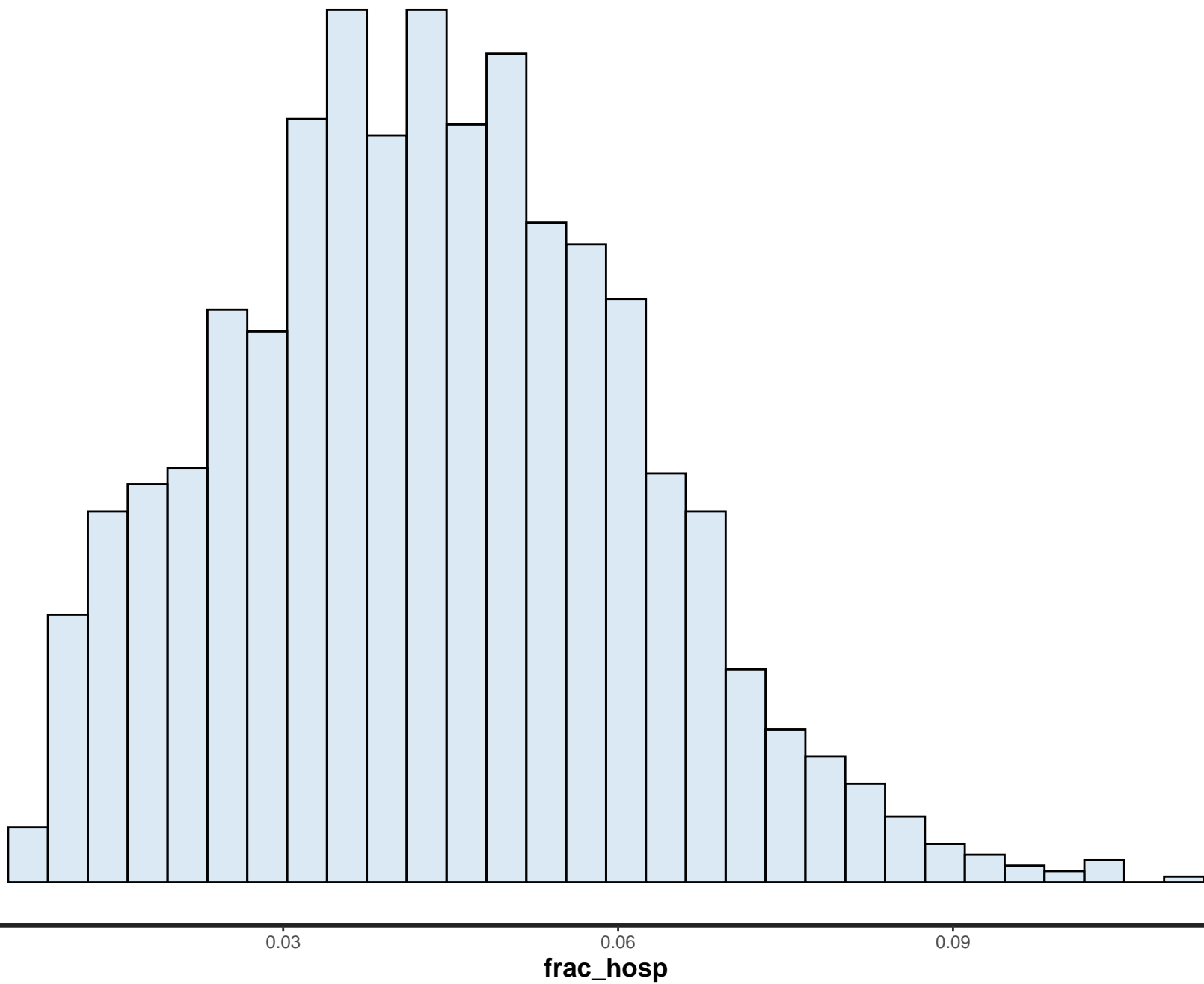


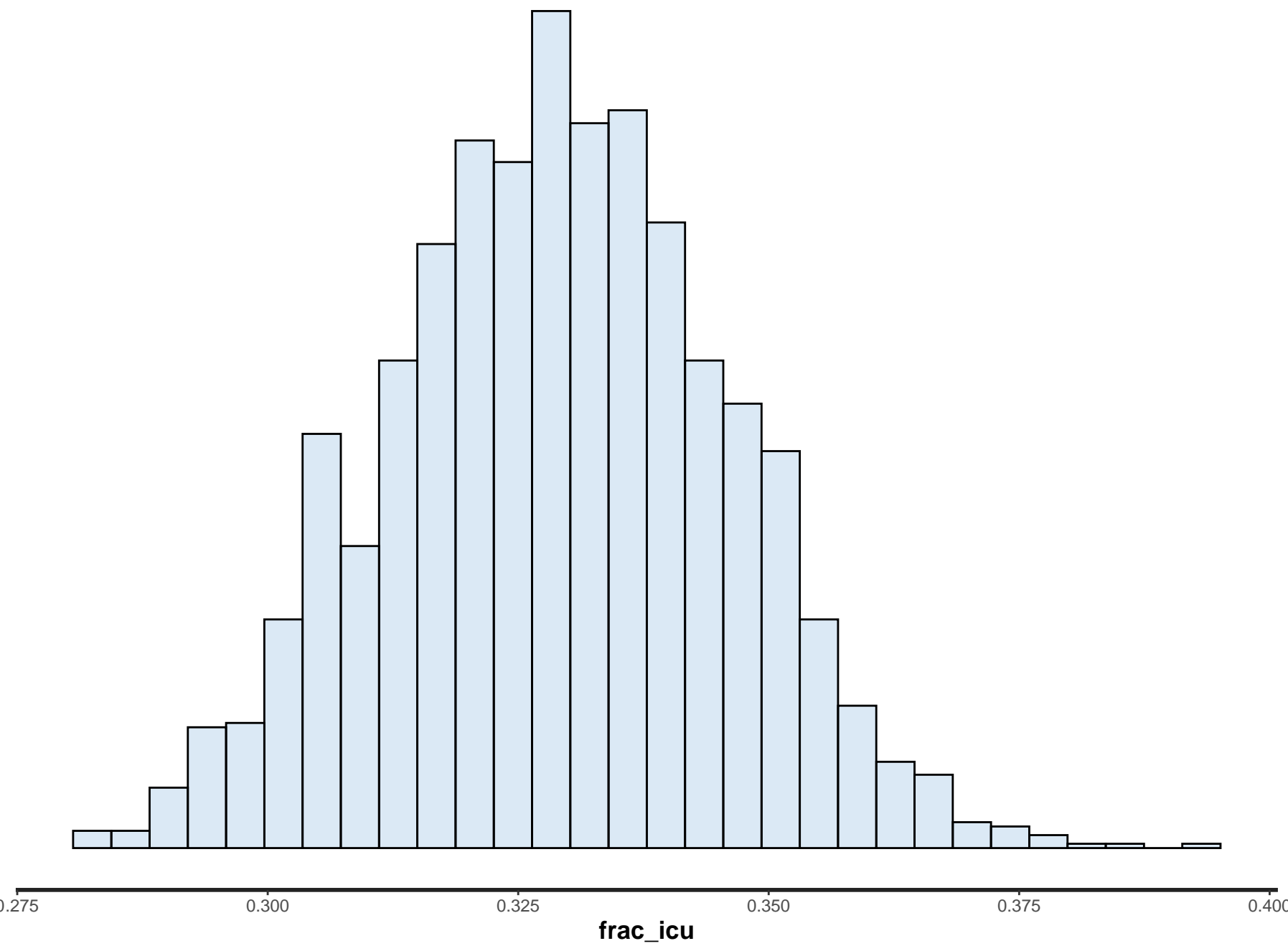


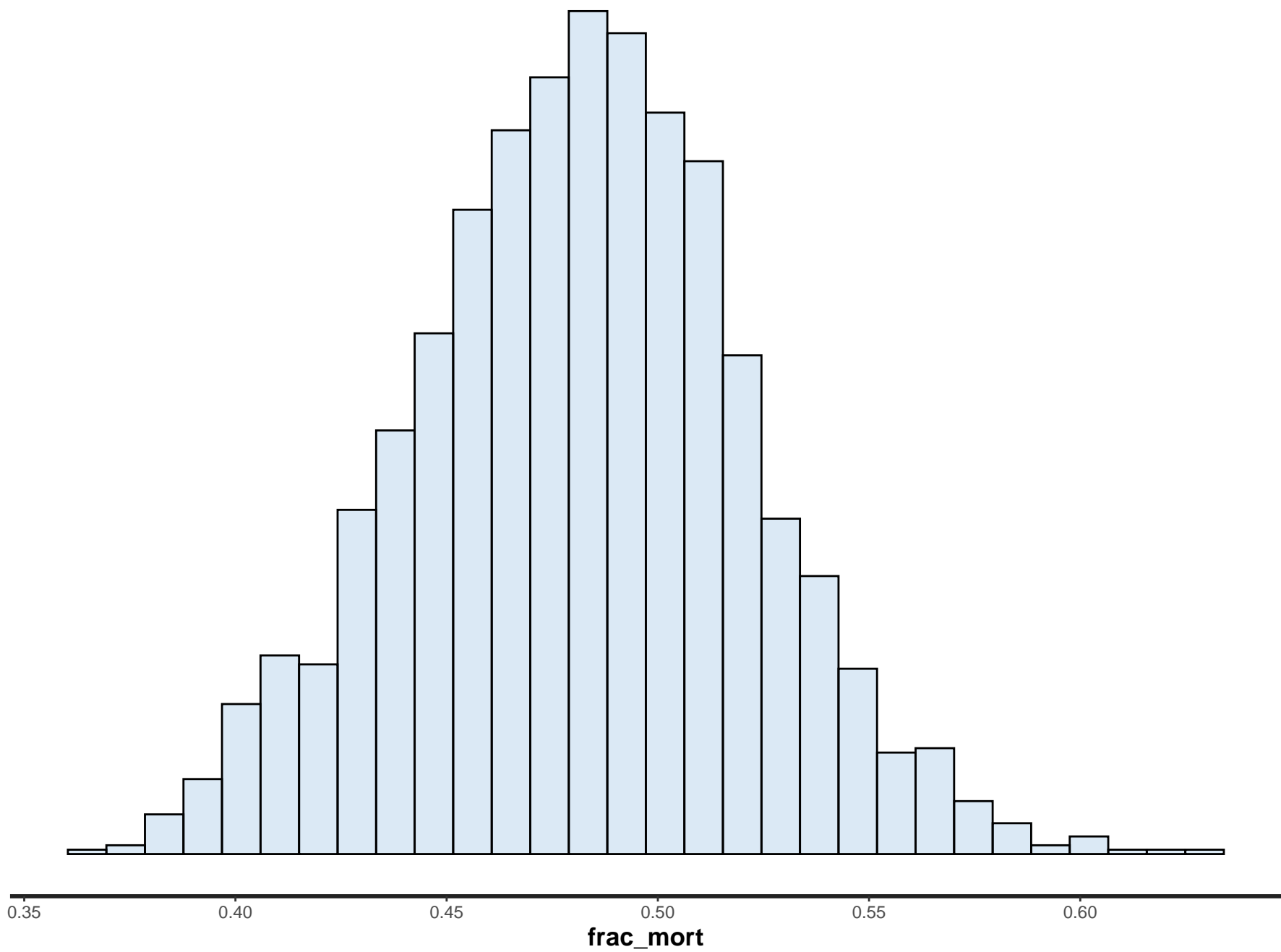


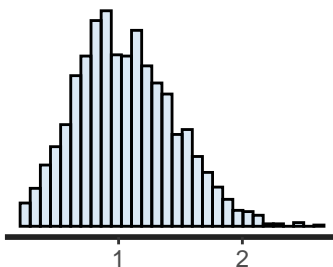
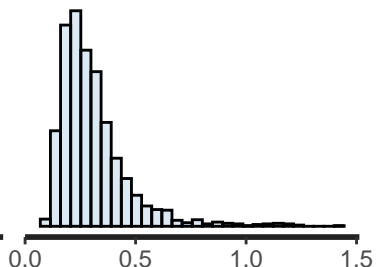
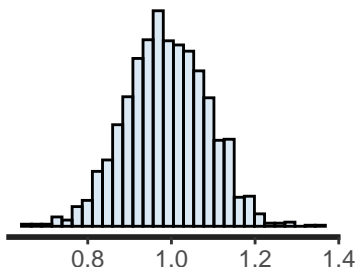
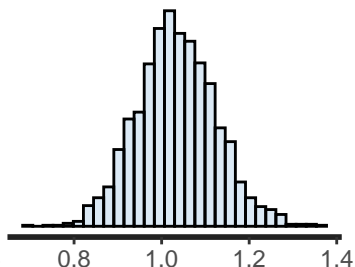
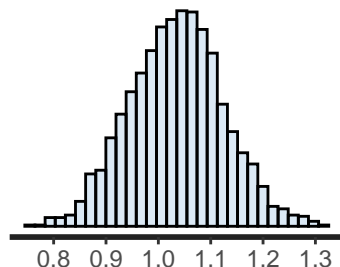
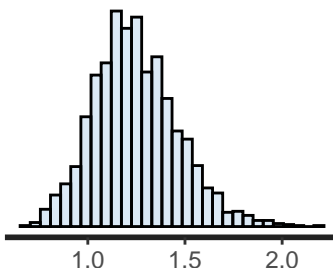
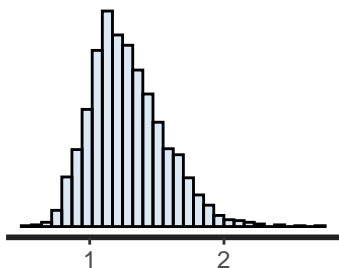
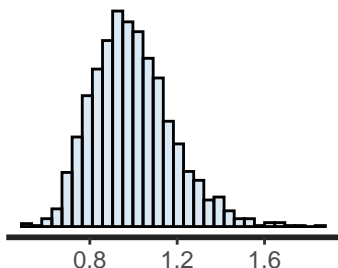
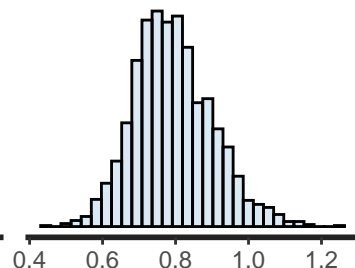
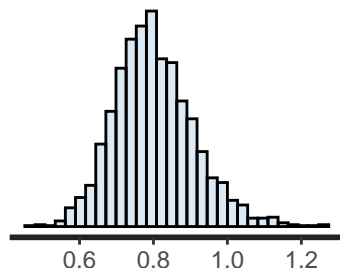
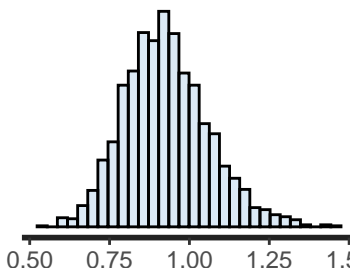
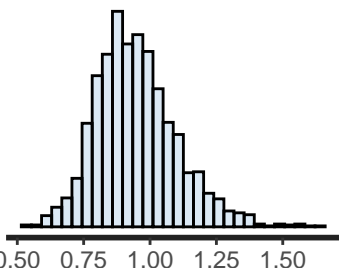
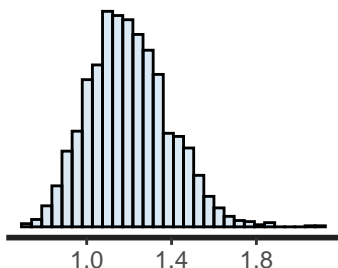
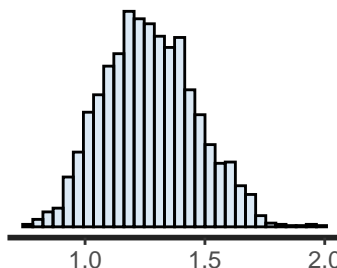
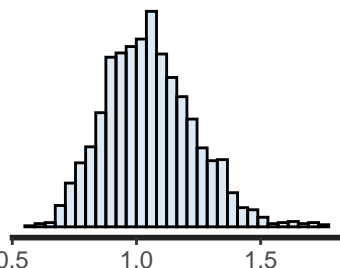
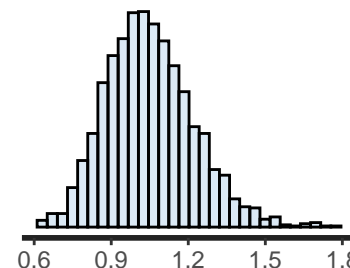
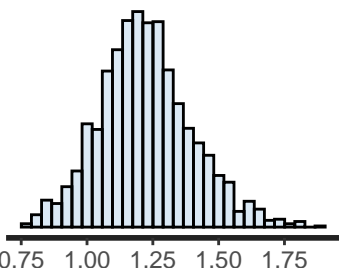
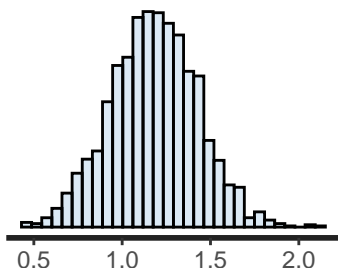
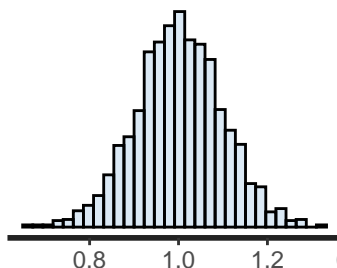
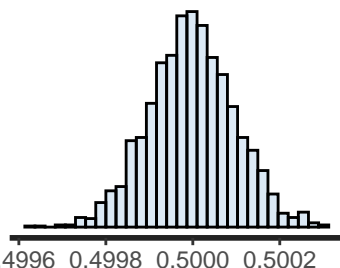


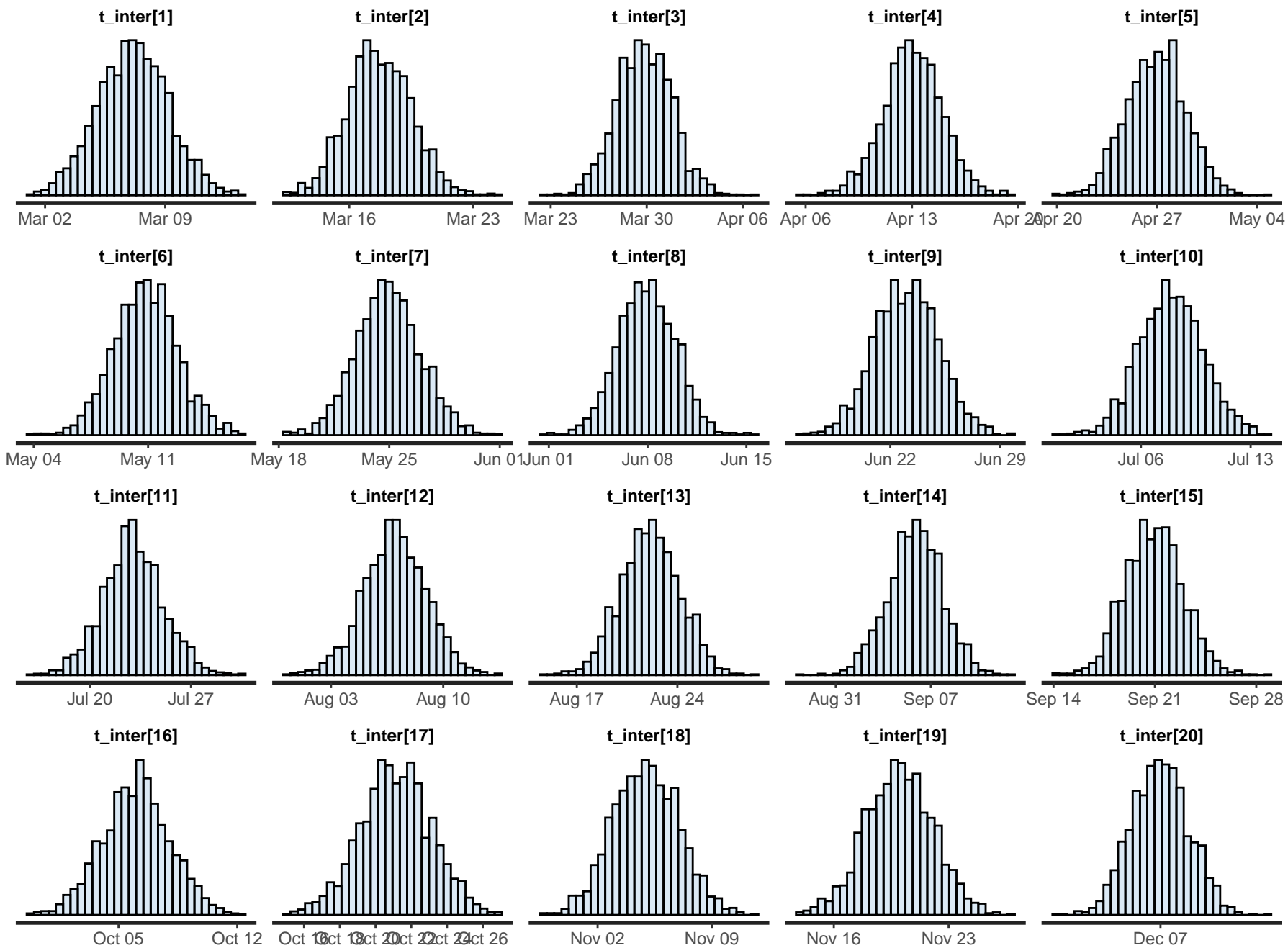




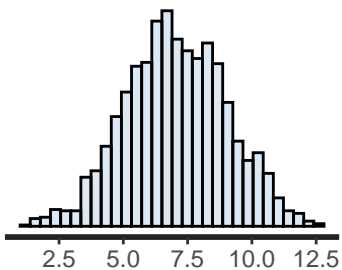




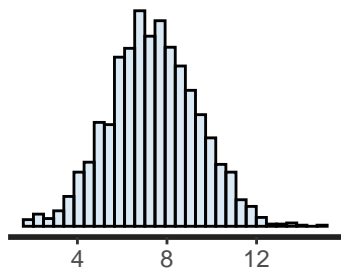
beta_multiplier[1]**beta_multiplier[2]****beta_multiplier[3]****beta_multiplier[4]****beta_multiplier[5]****beta_multiplier[6]****beta_multiplier[7]****beta_multiplier[8]****beta_multiplier[9]****beta_multiplier[10]****beta_multiplier[11]****beta_multiplier[12]****beta_multiplier[13]****beta_multiplier[14]****beta_multiplier[15]****beta_multiplier[16]****beta_multiplier[17]****beta_multiplier[18]****beta_multiplier[19]****beta_multiplier[20]**



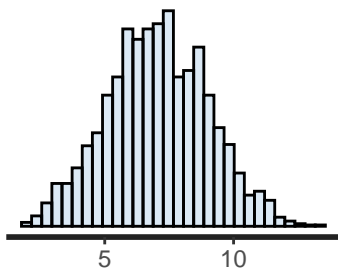
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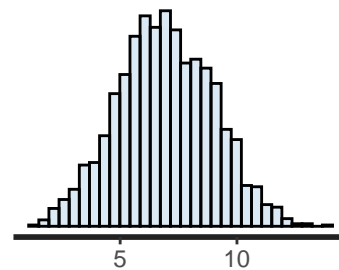
len_inter[2]



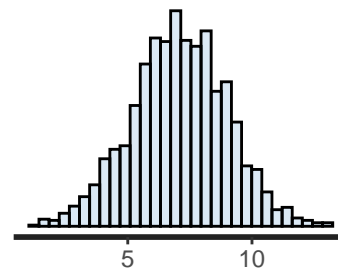
len_inter[3]



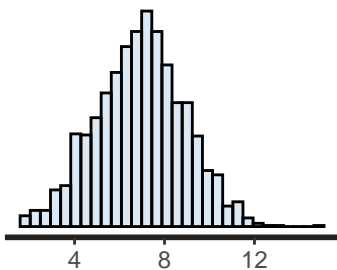
len_inter[4]



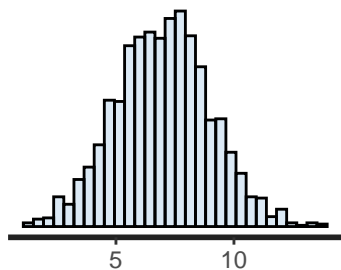
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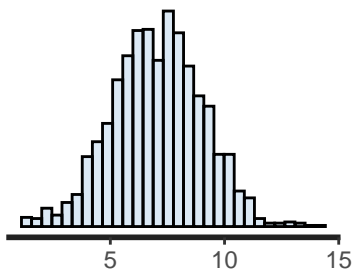
len_inter[6]



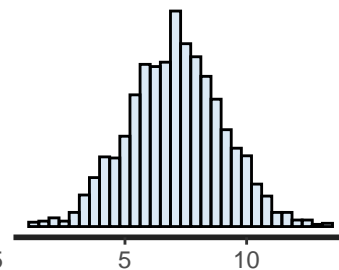
len_inter[7]



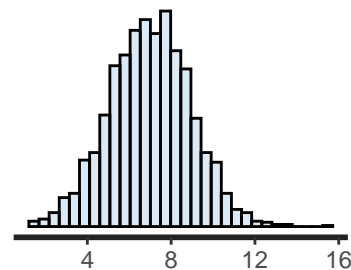
len_inter[8]



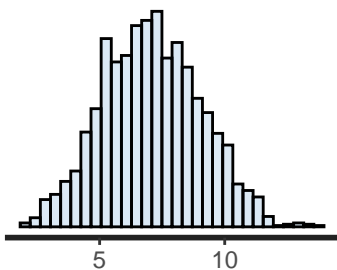
len_inter[9]



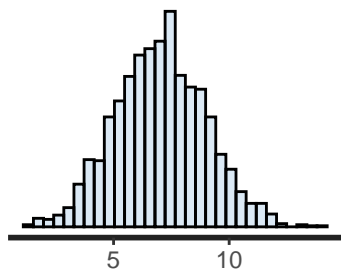
len_inter[10]



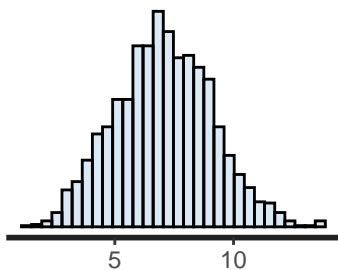
len_inter[11]



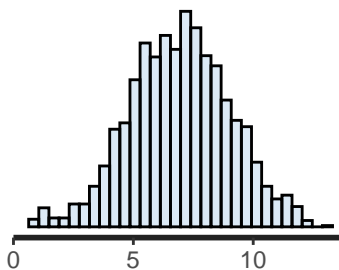
len_inter[12]



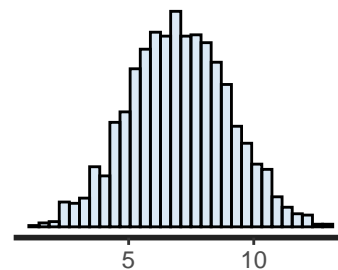
len_inter[13]



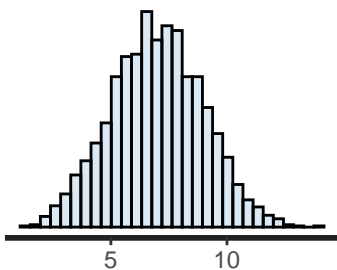
len_inter[14]



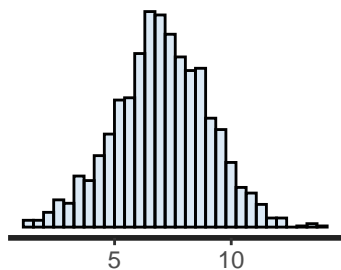
len_inter[15]



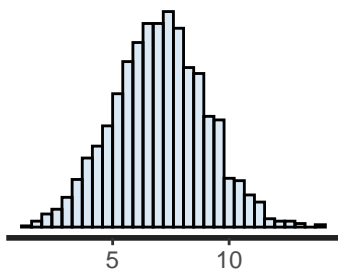
len_inter[16]



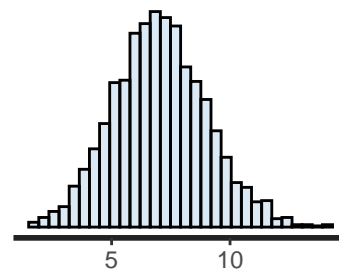
len_inter[17]



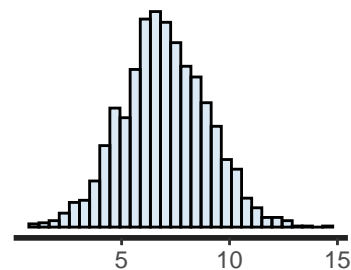
len_inter[18]



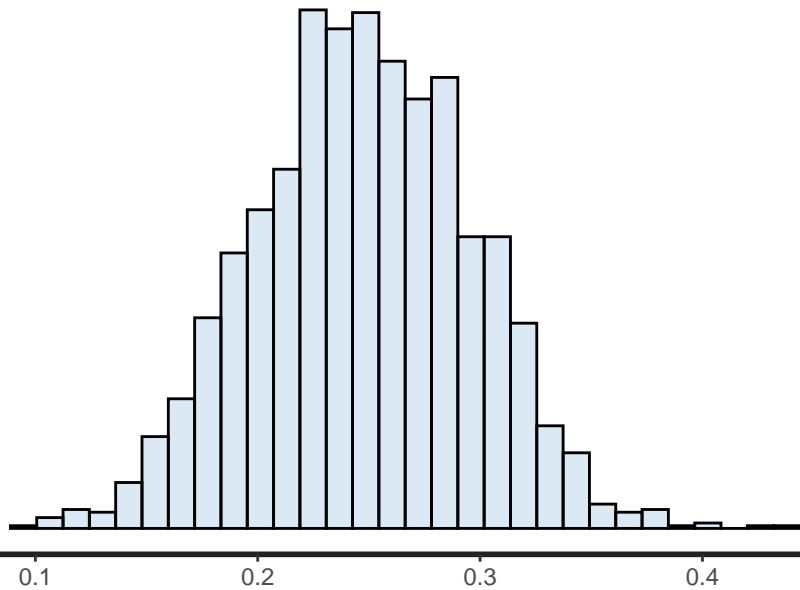
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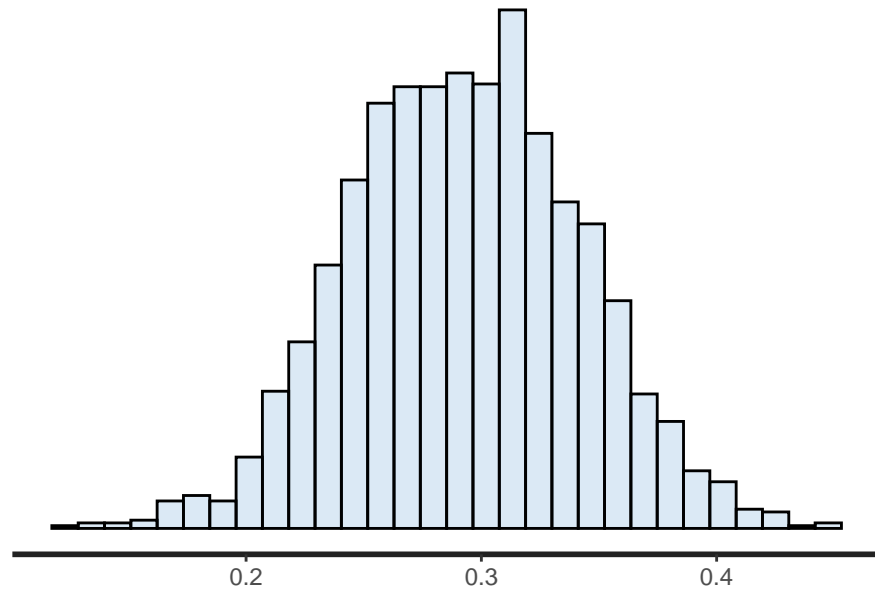
len_inter[20]



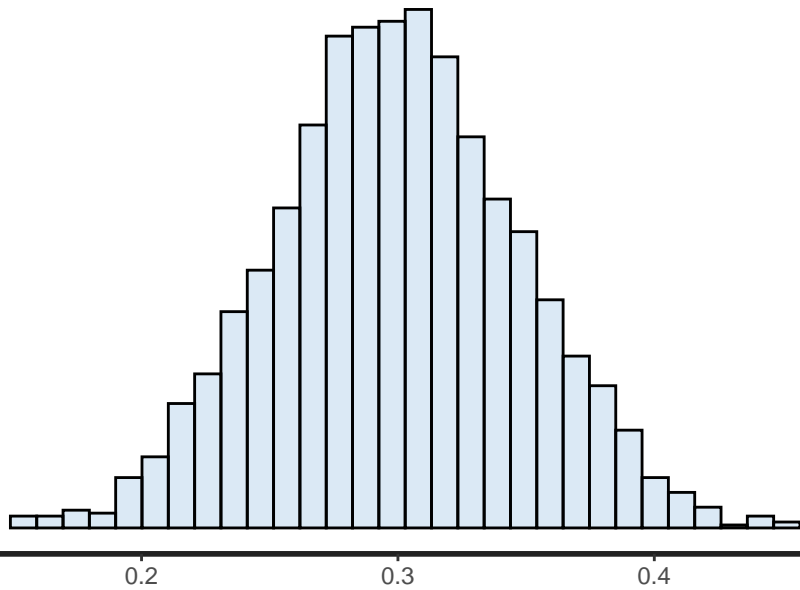
frac_PUI[1]



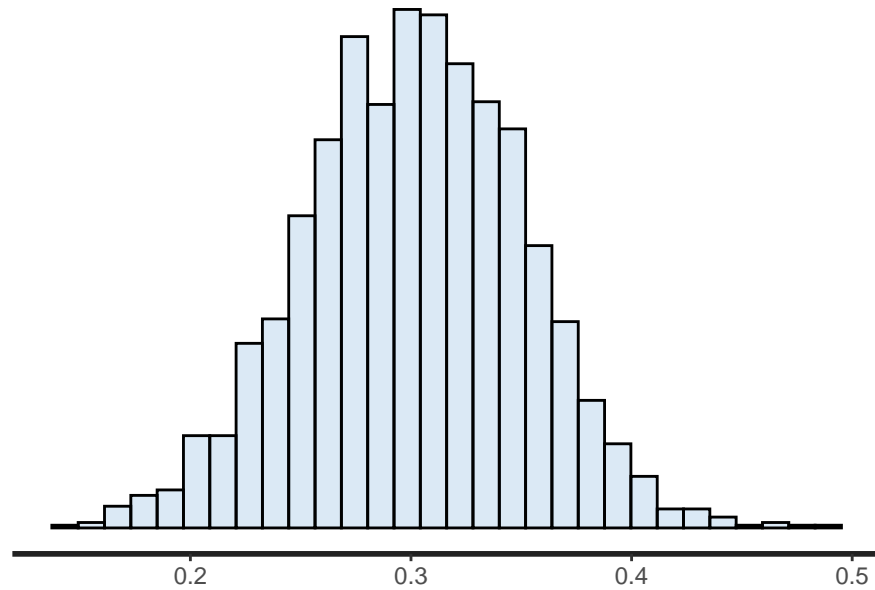
frac_PUI[2]

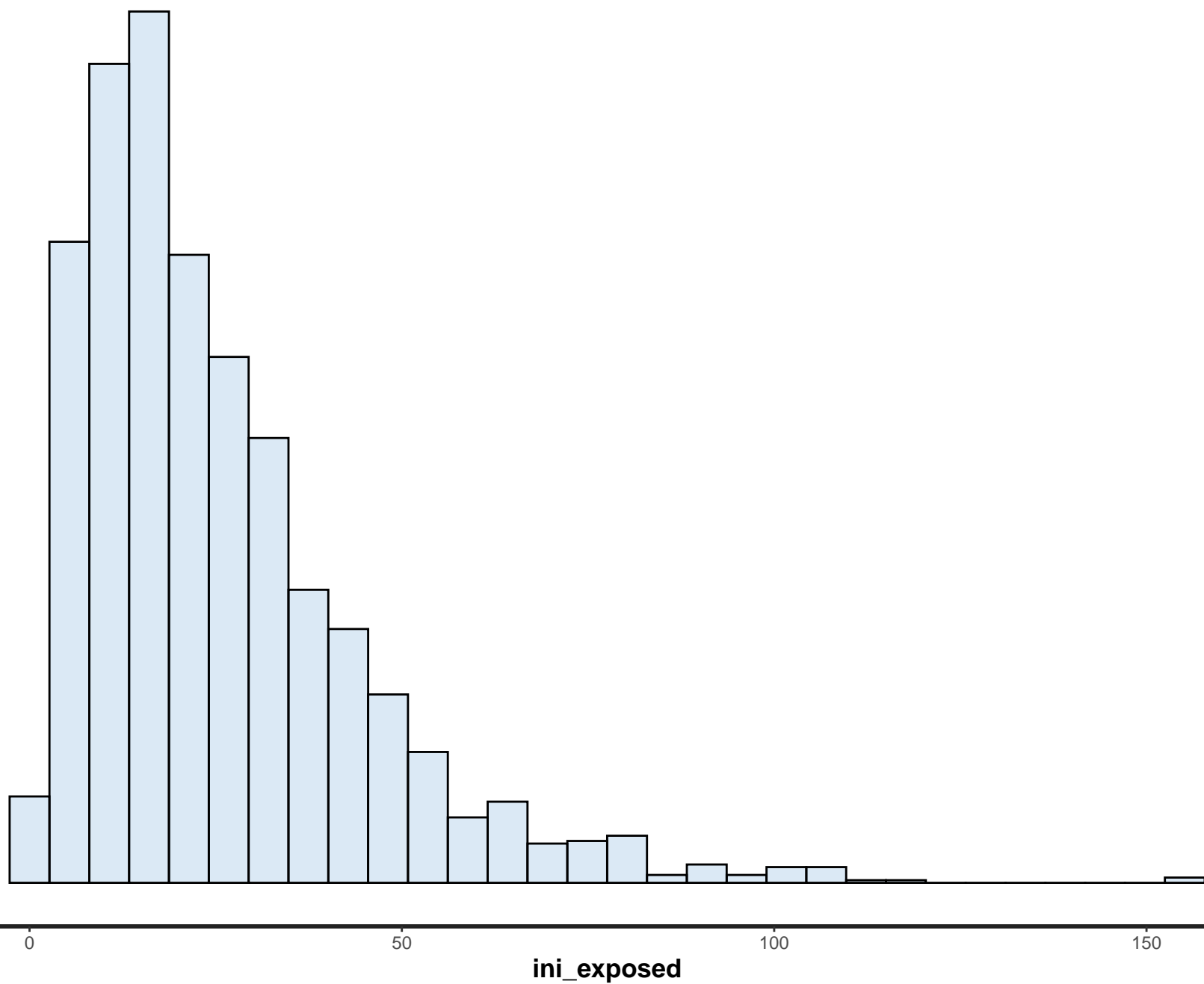


frac_PUI[3]

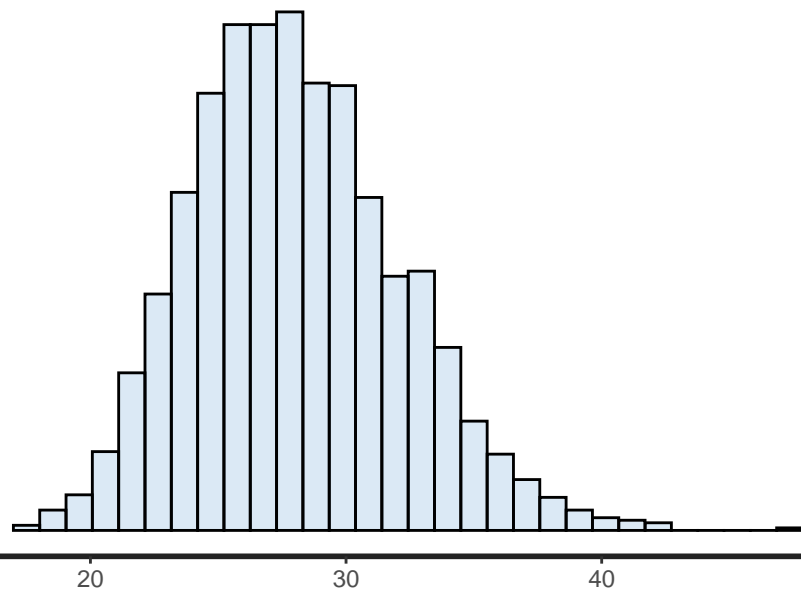


frac_PUI[4]

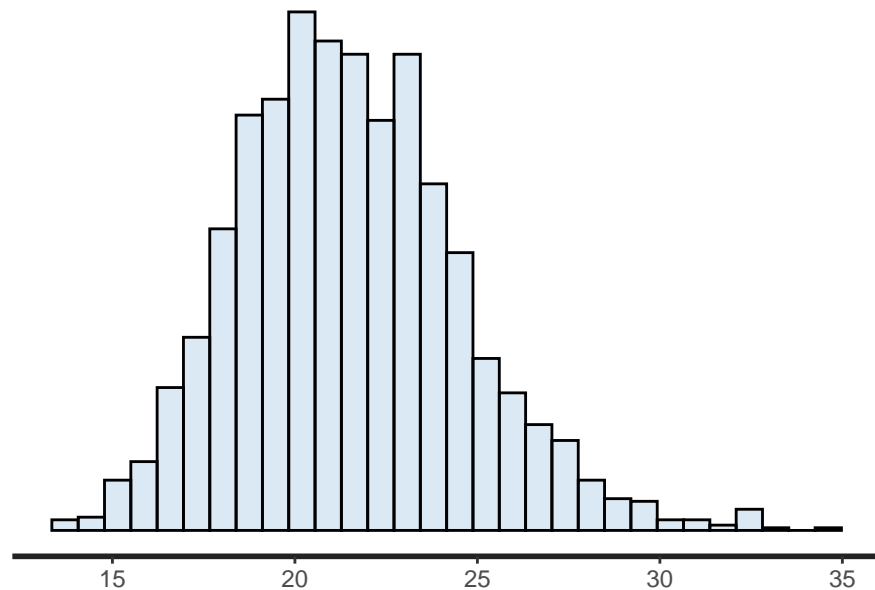




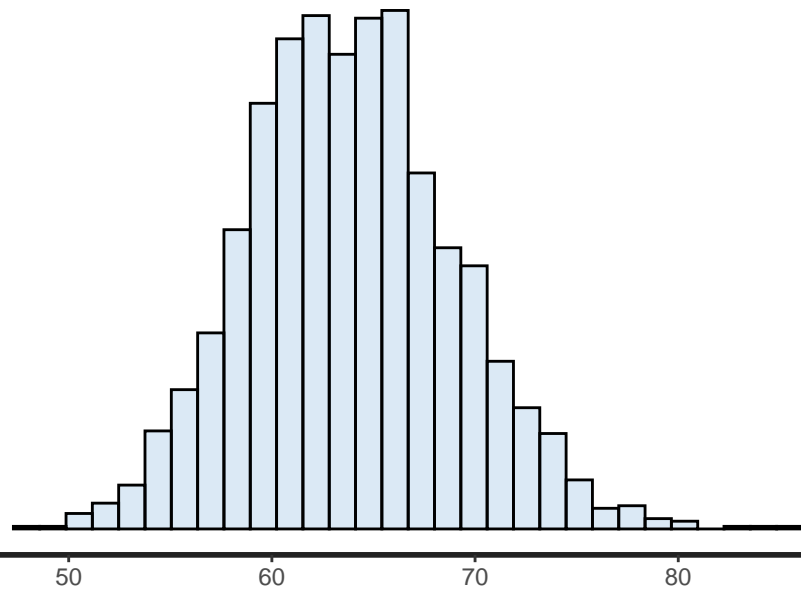
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

