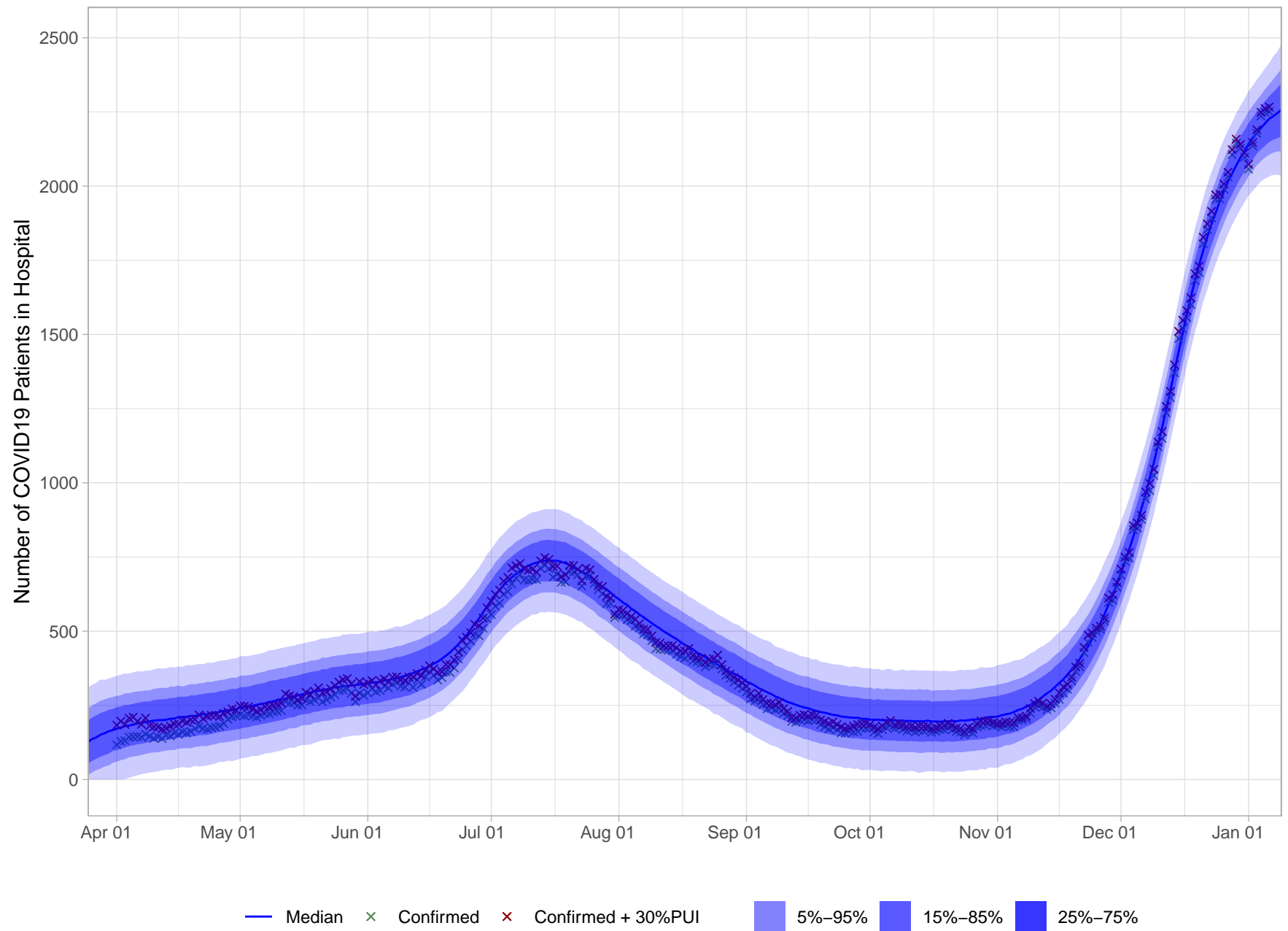
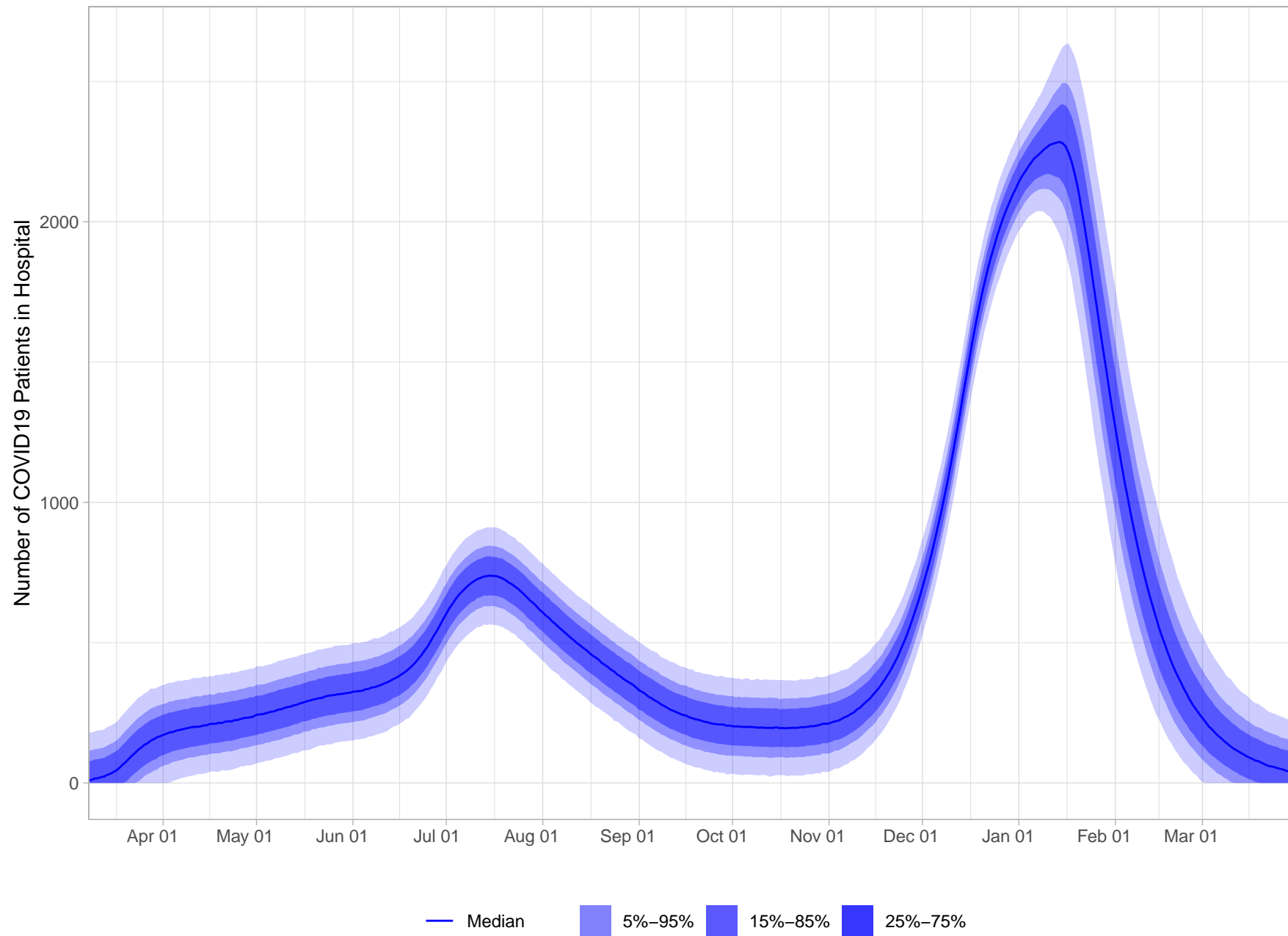


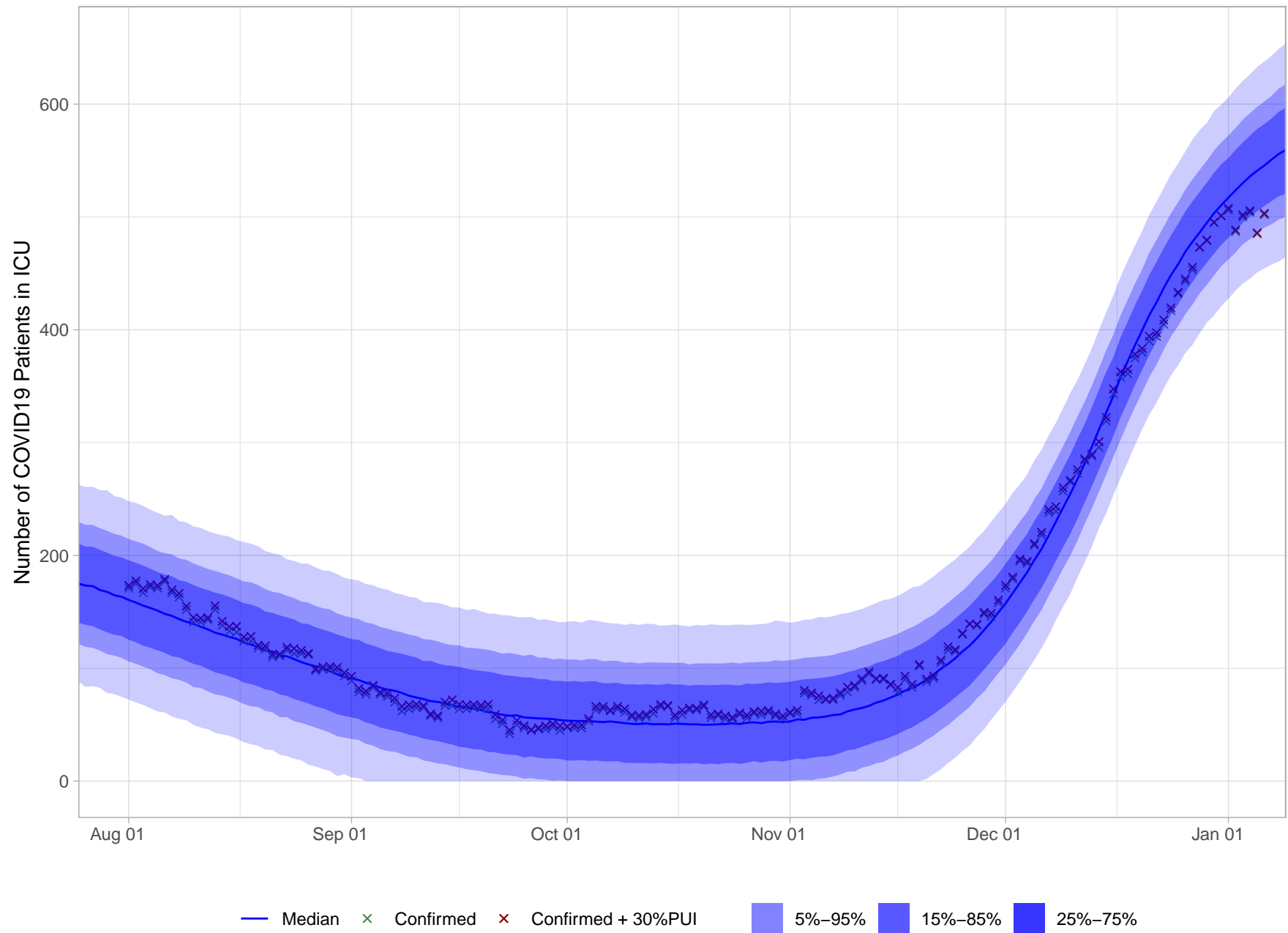
Short Term Hospitalization Projection



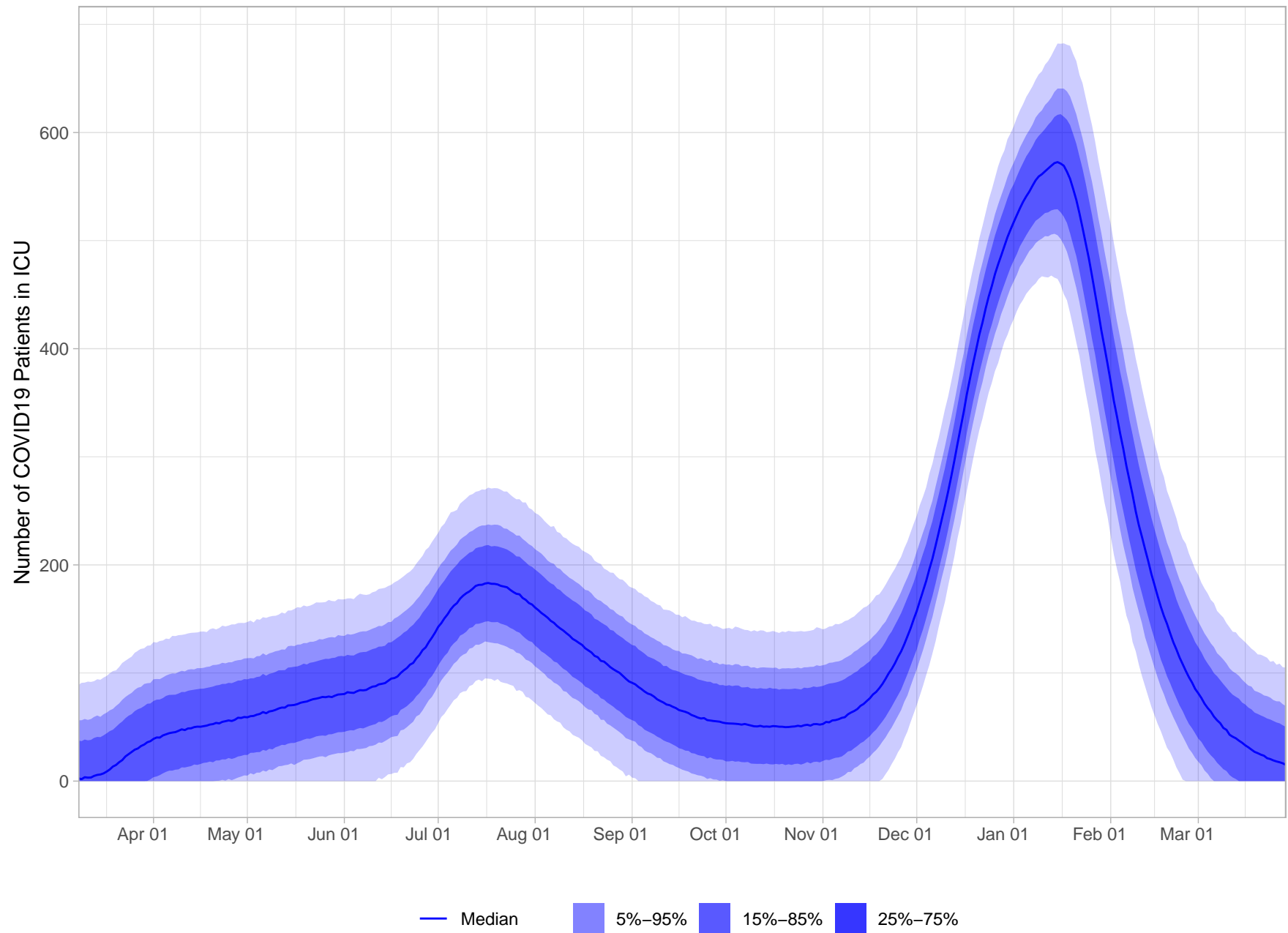
Long Term Hospitalization Projection



Short Term ICU Projection



Long Term ICU Projection



Short Term Death Projection

Number of COVID19 Deaths

2000

1000

Aug 01

Sep 01

Oct 01

Nov 01

Dec 01

Jan 01

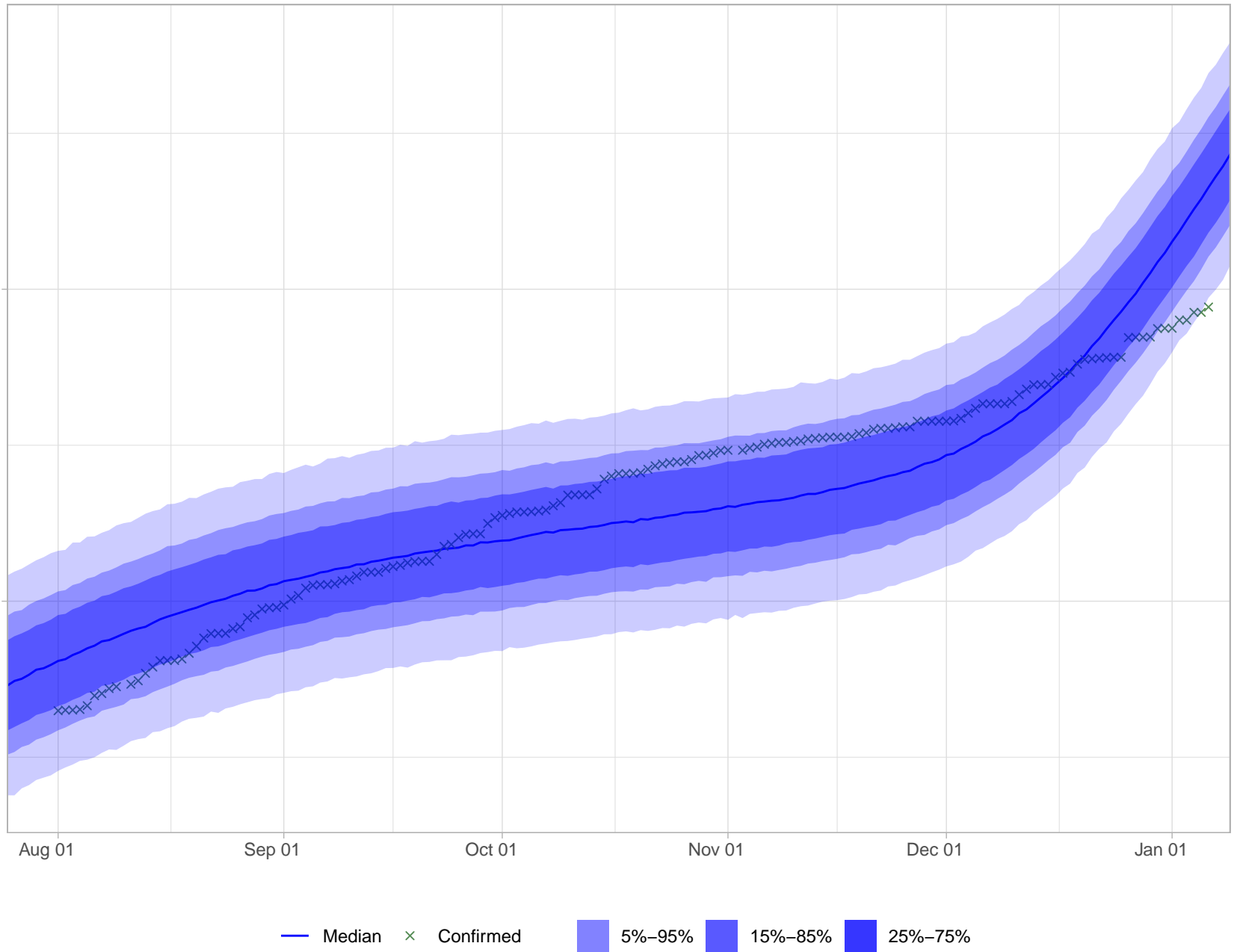
— Median

× Confirmed

5%–95%

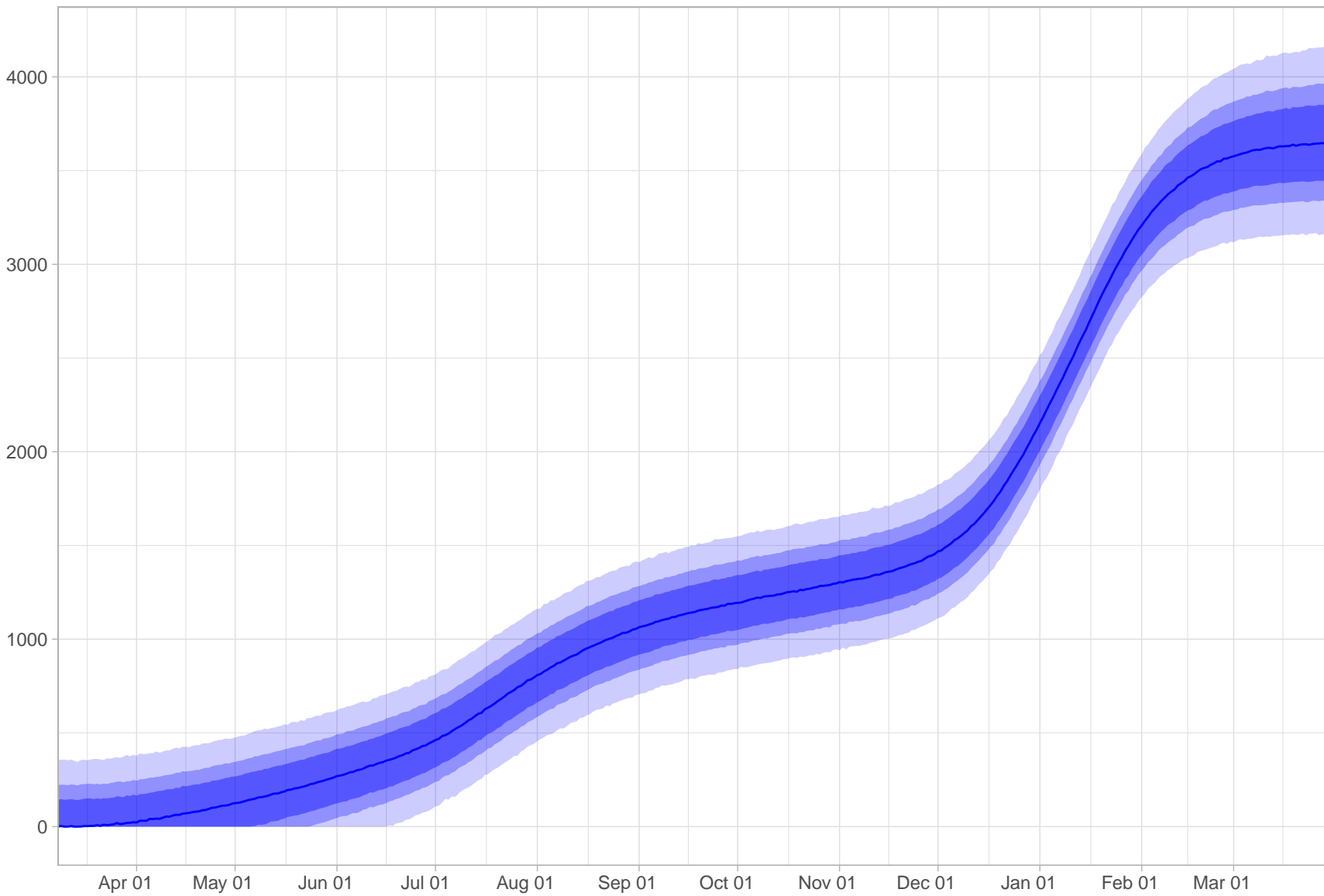
15%–85%

25%–75%



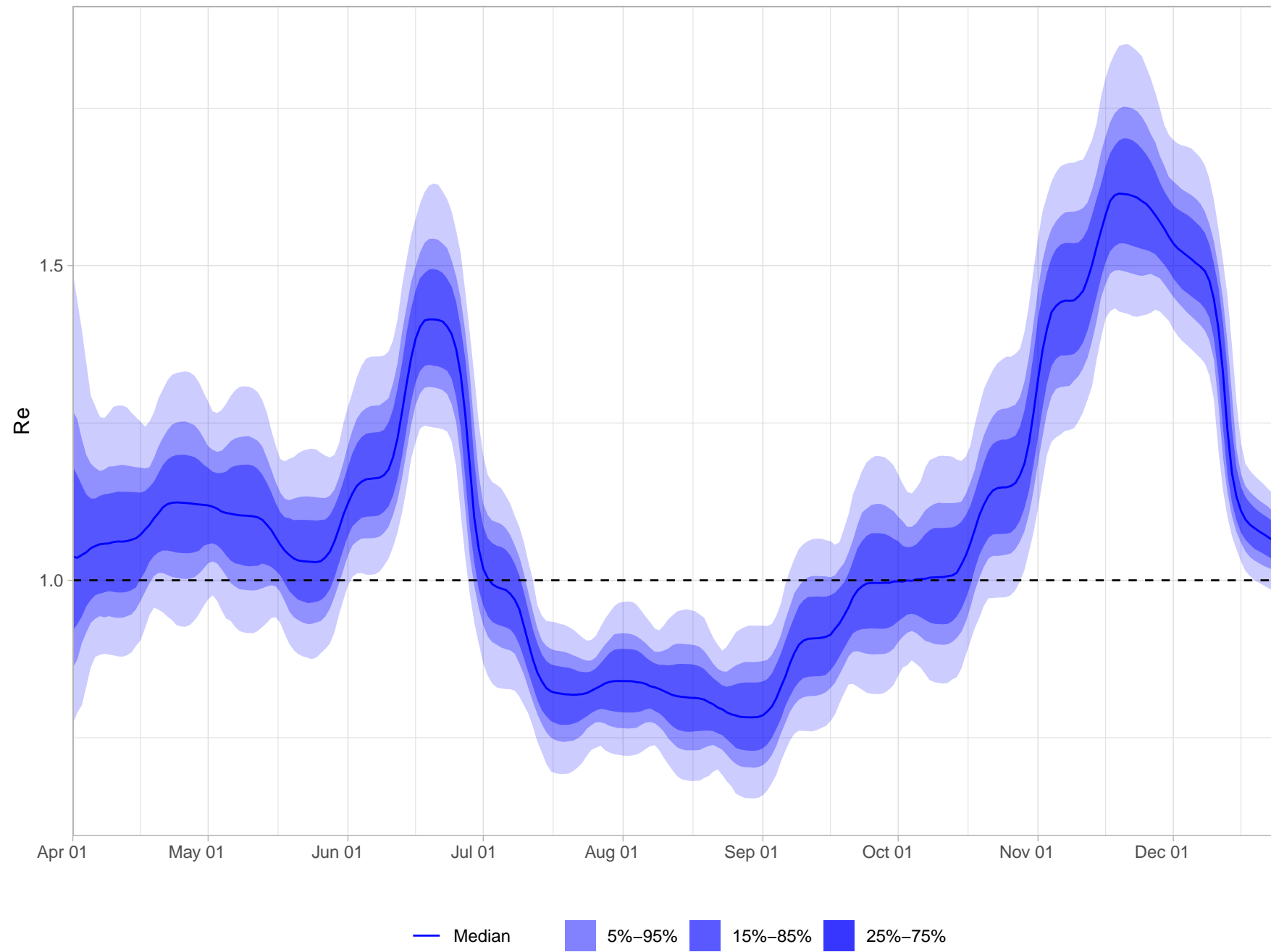
Long Term Death Projection

Number of COVID19 Deaths



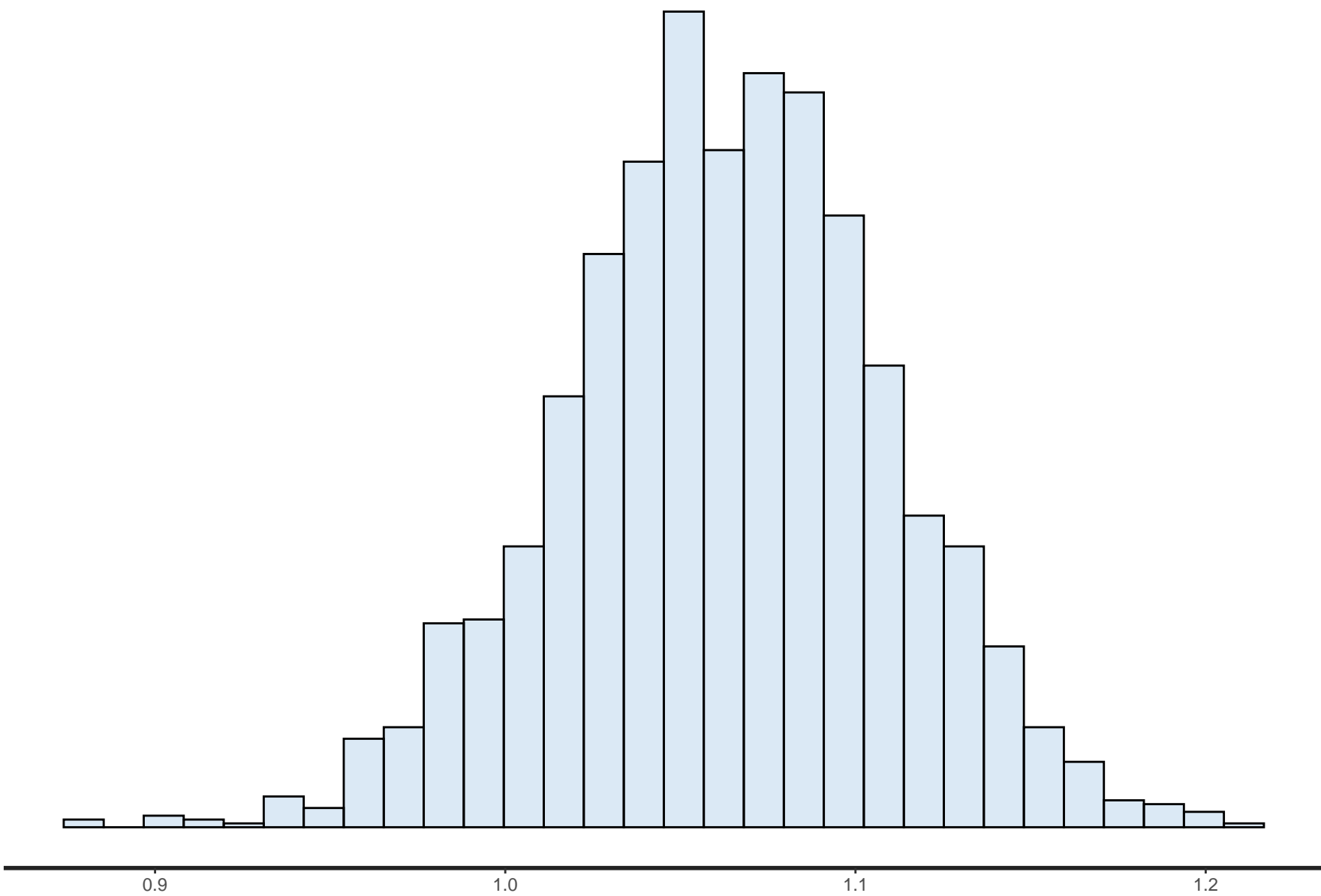
— Median 5%-95% 15%-85% 25%-75%

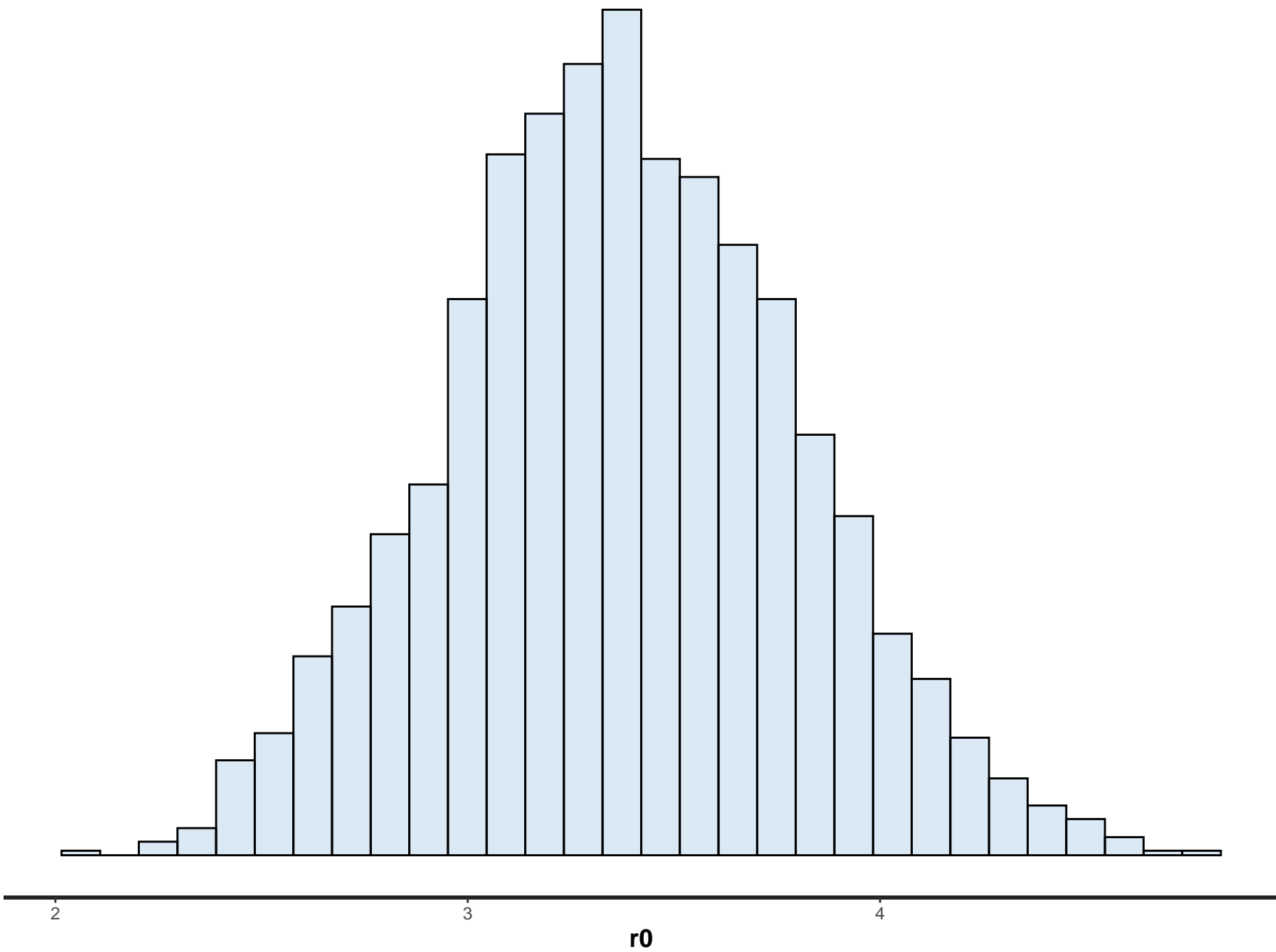
Effective Reproduction Number

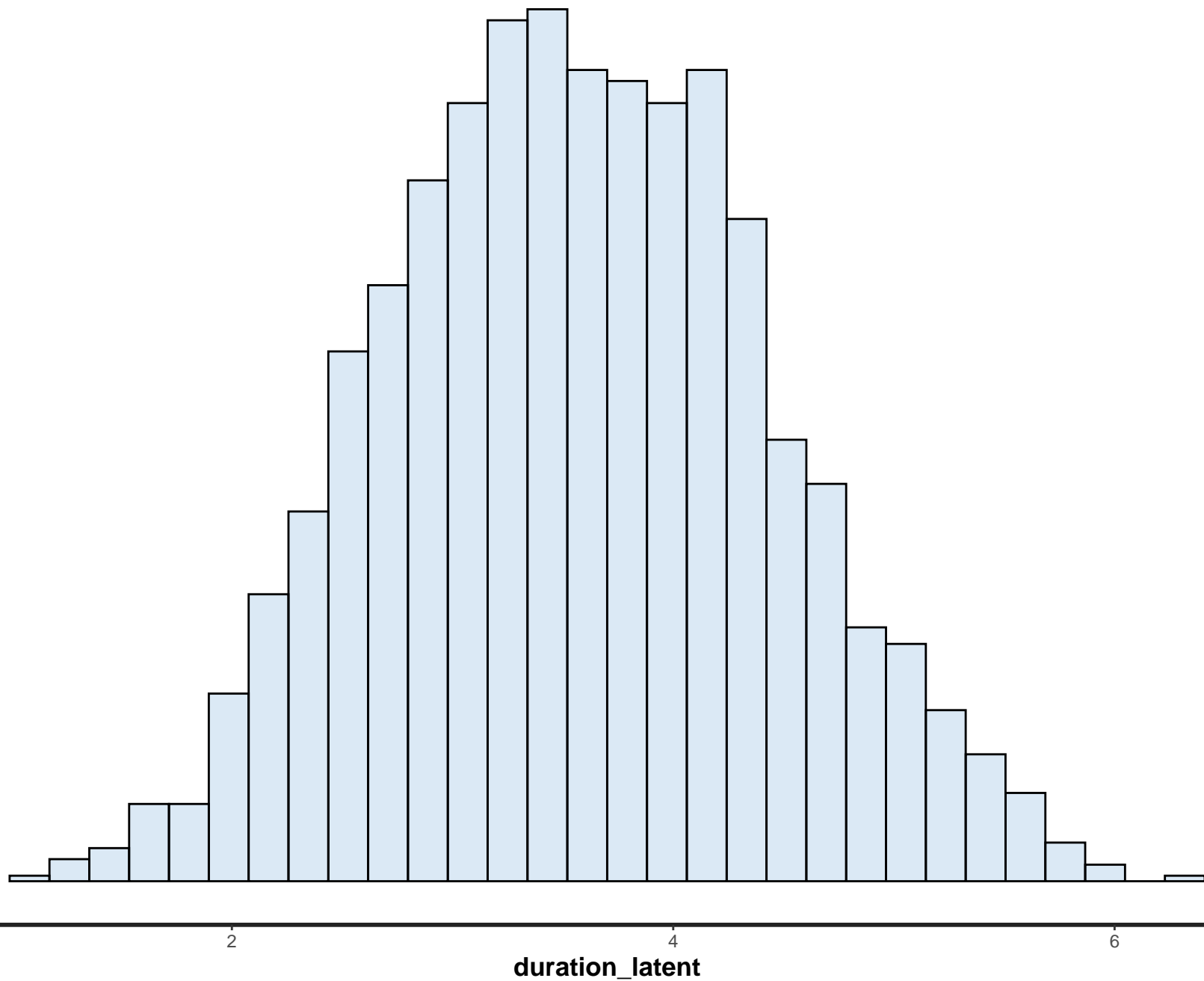


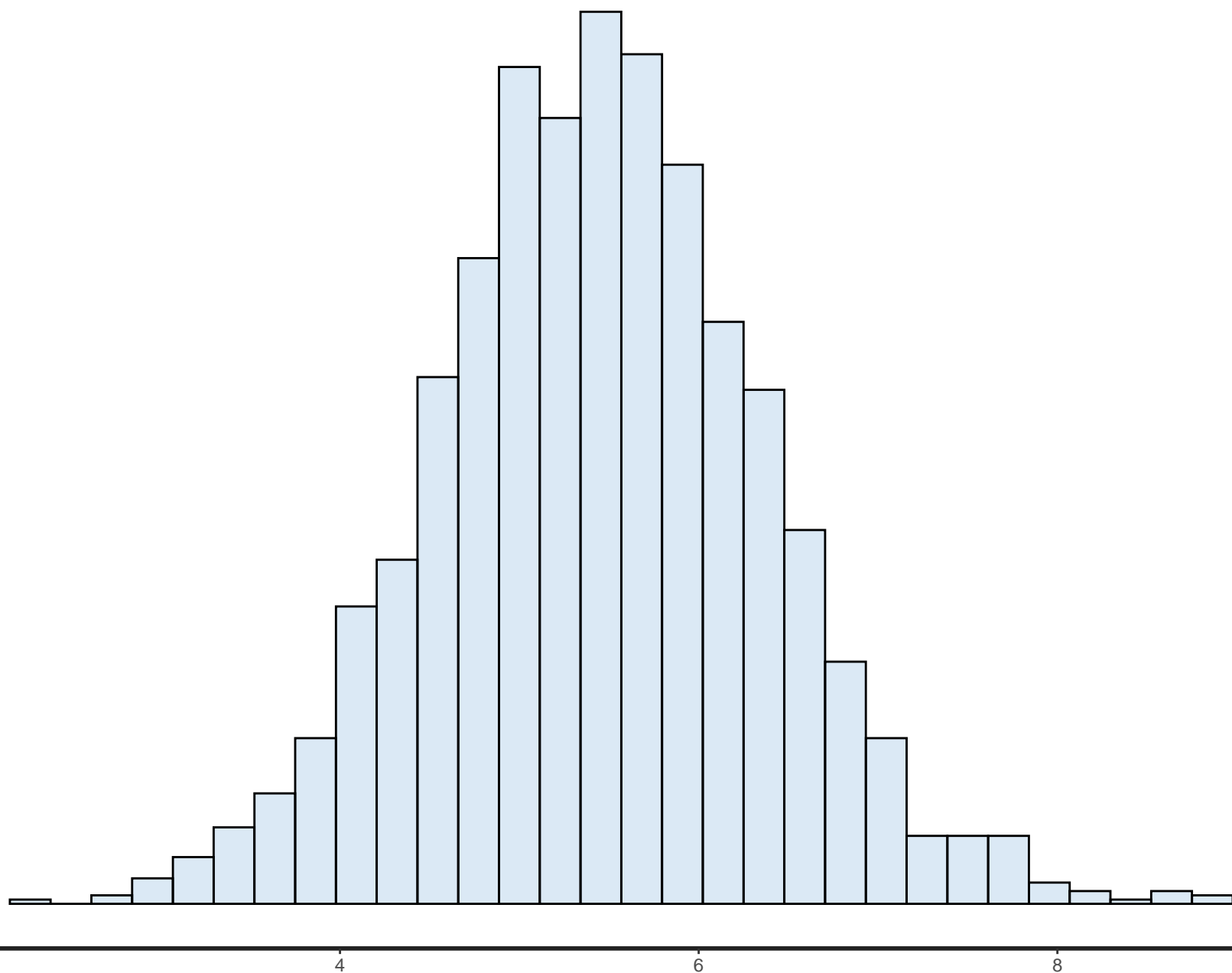
Rt as of 2020-12-23

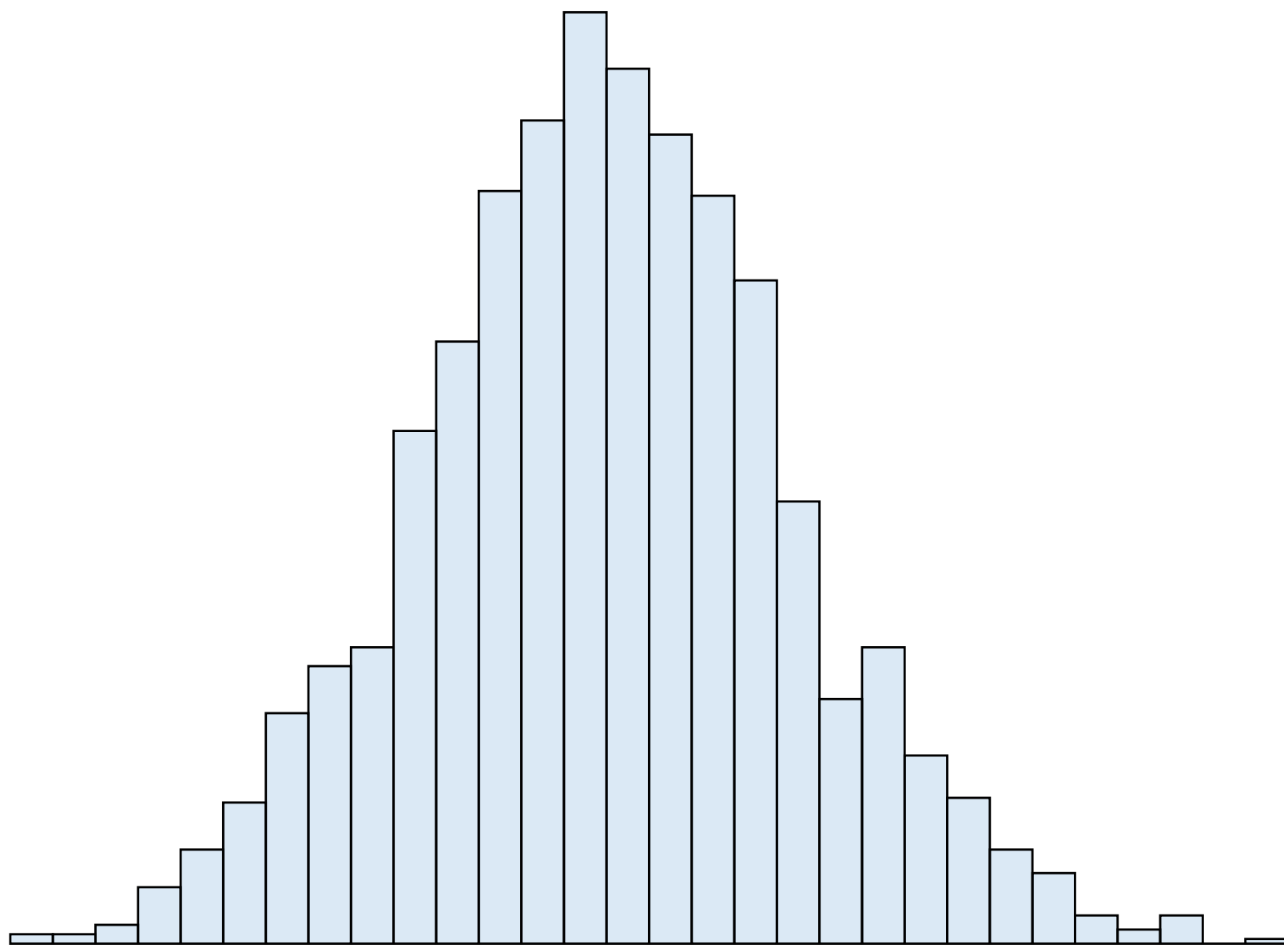
5% 10% 25% 50% 75% 90% 95%
0.98 1.00 1.03 1.06 1.09 1.12 1.14



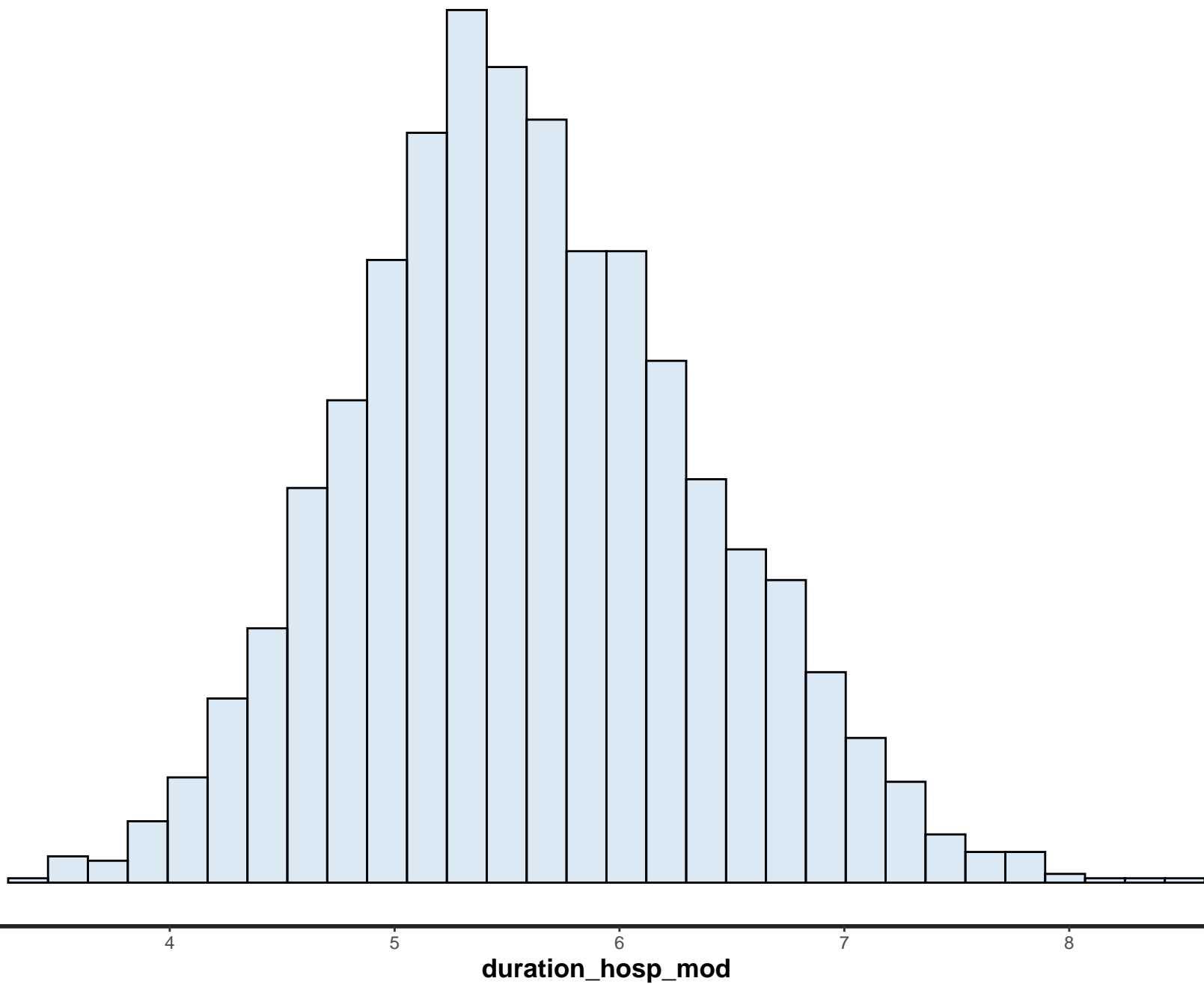


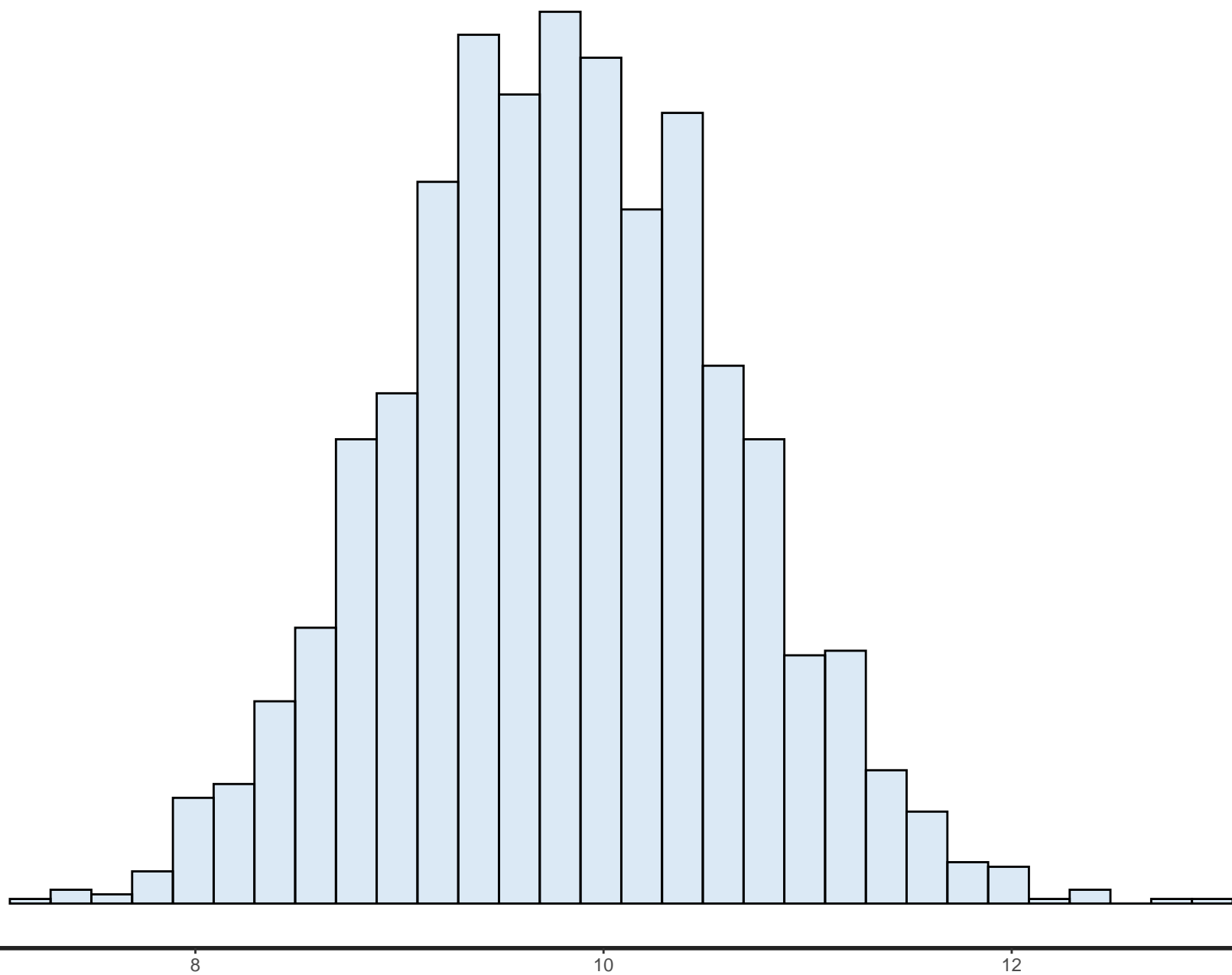


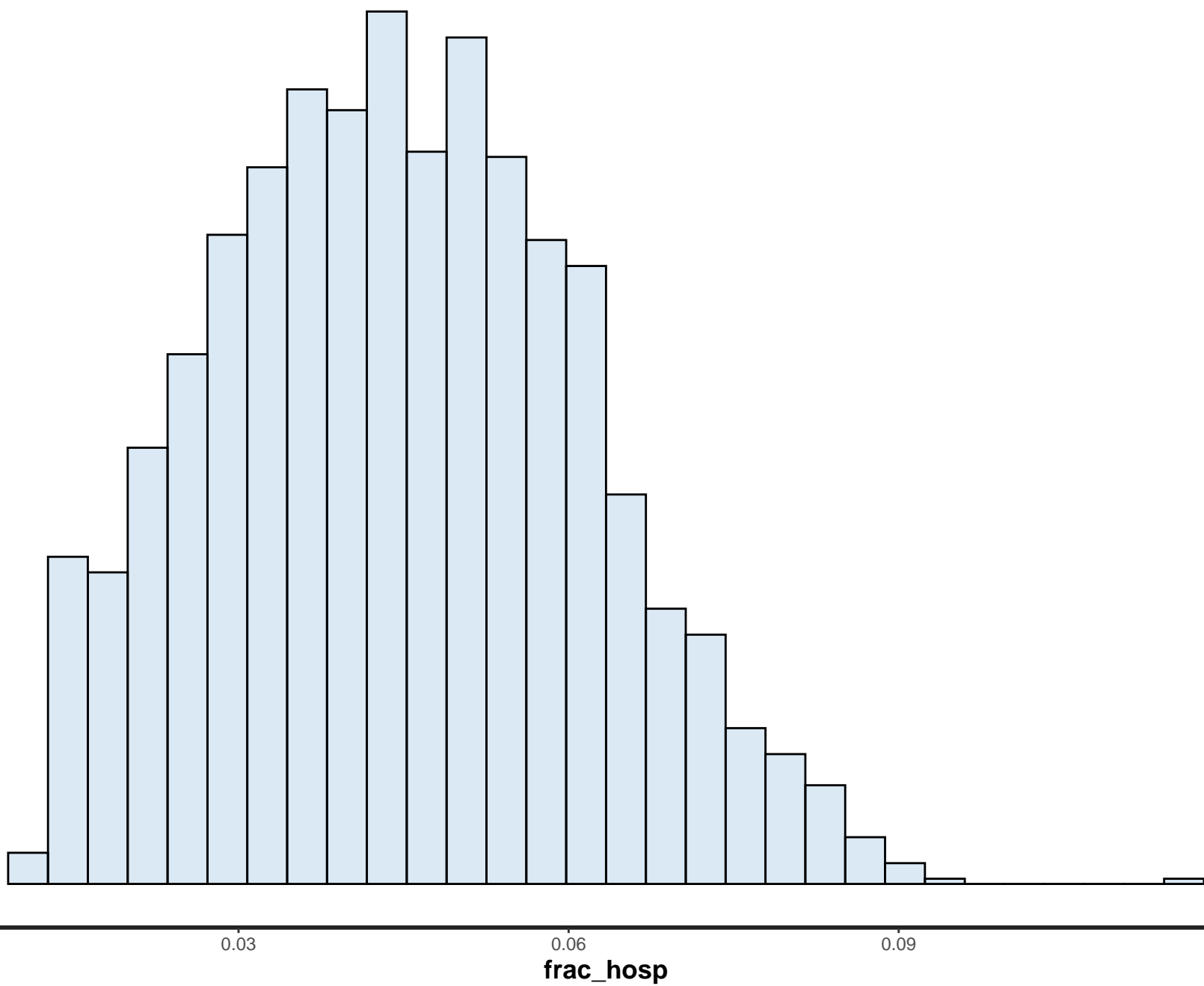


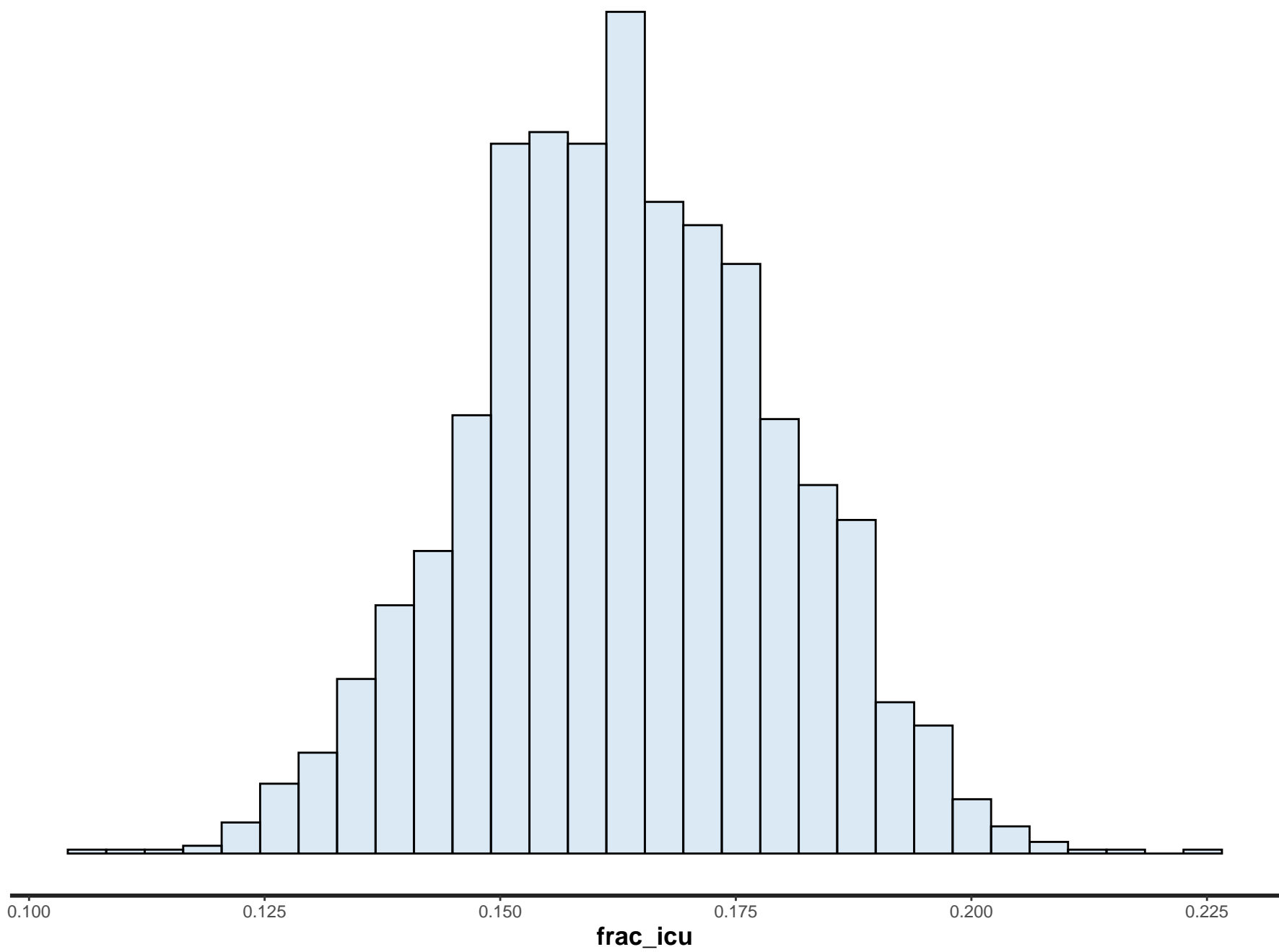


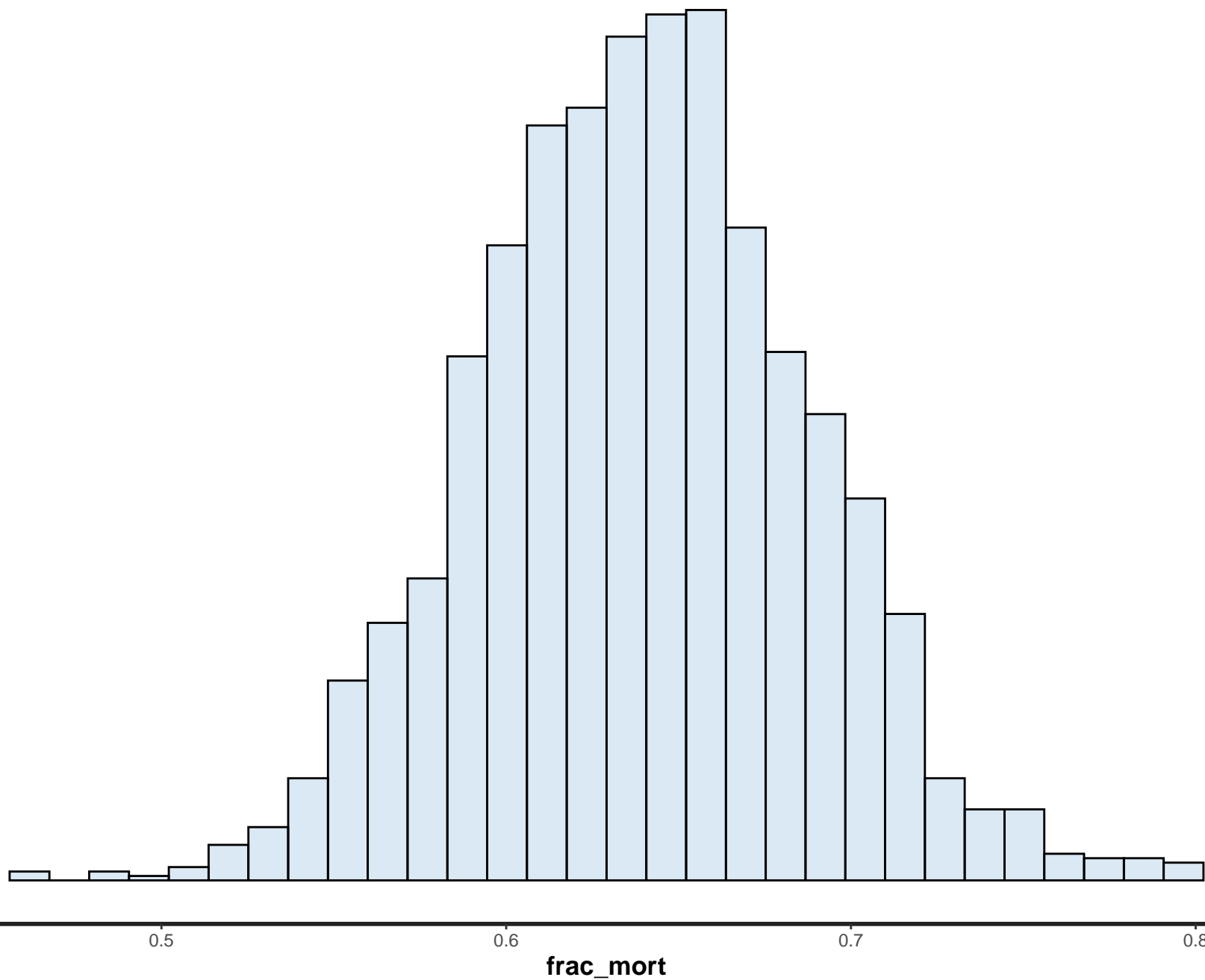
duration_pre_hosp

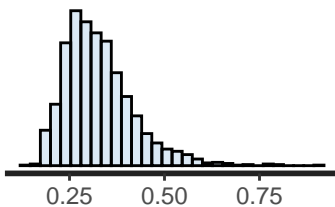
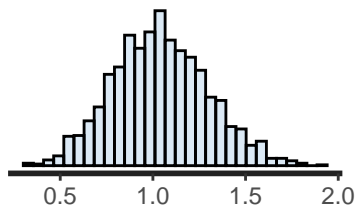
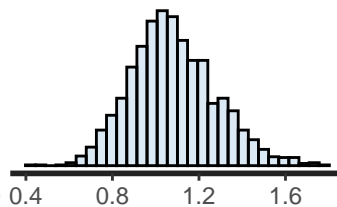
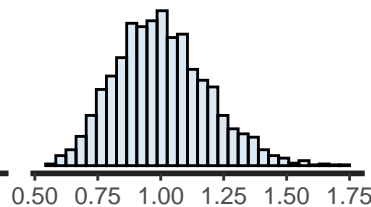
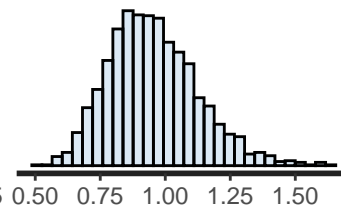
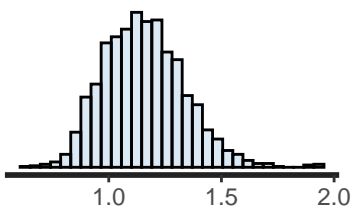
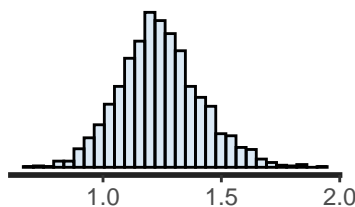
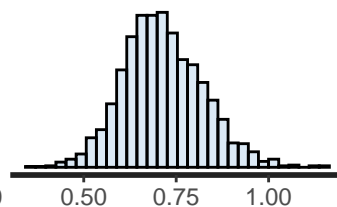
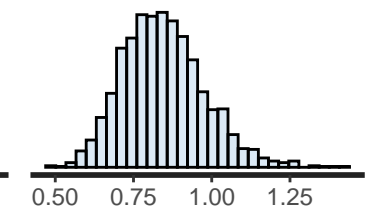
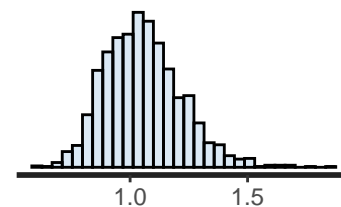
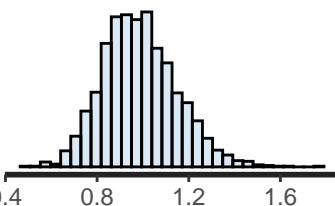
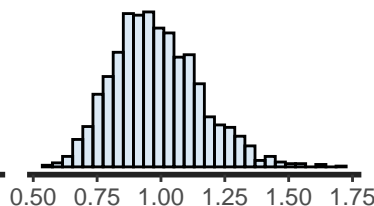
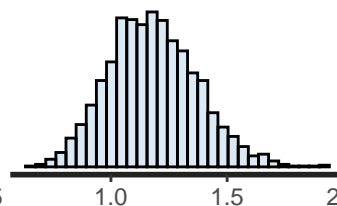
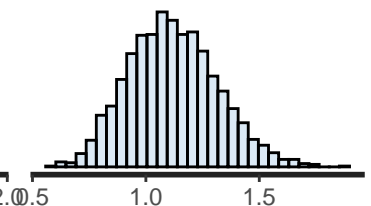
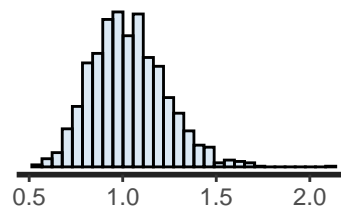
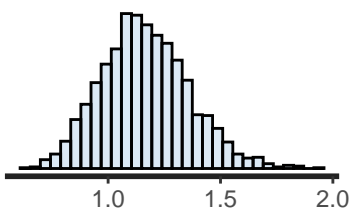
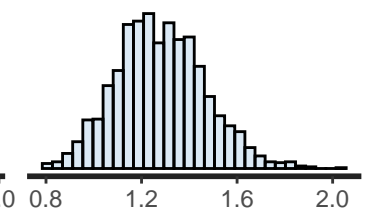
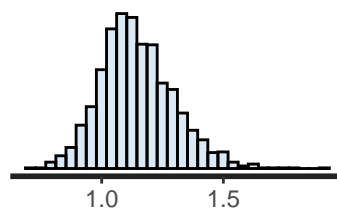
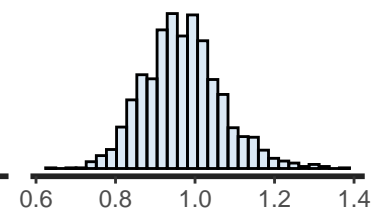
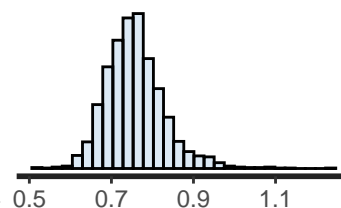
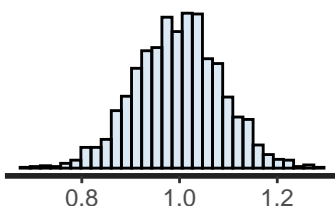
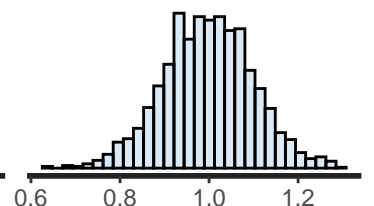
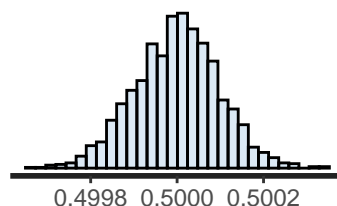


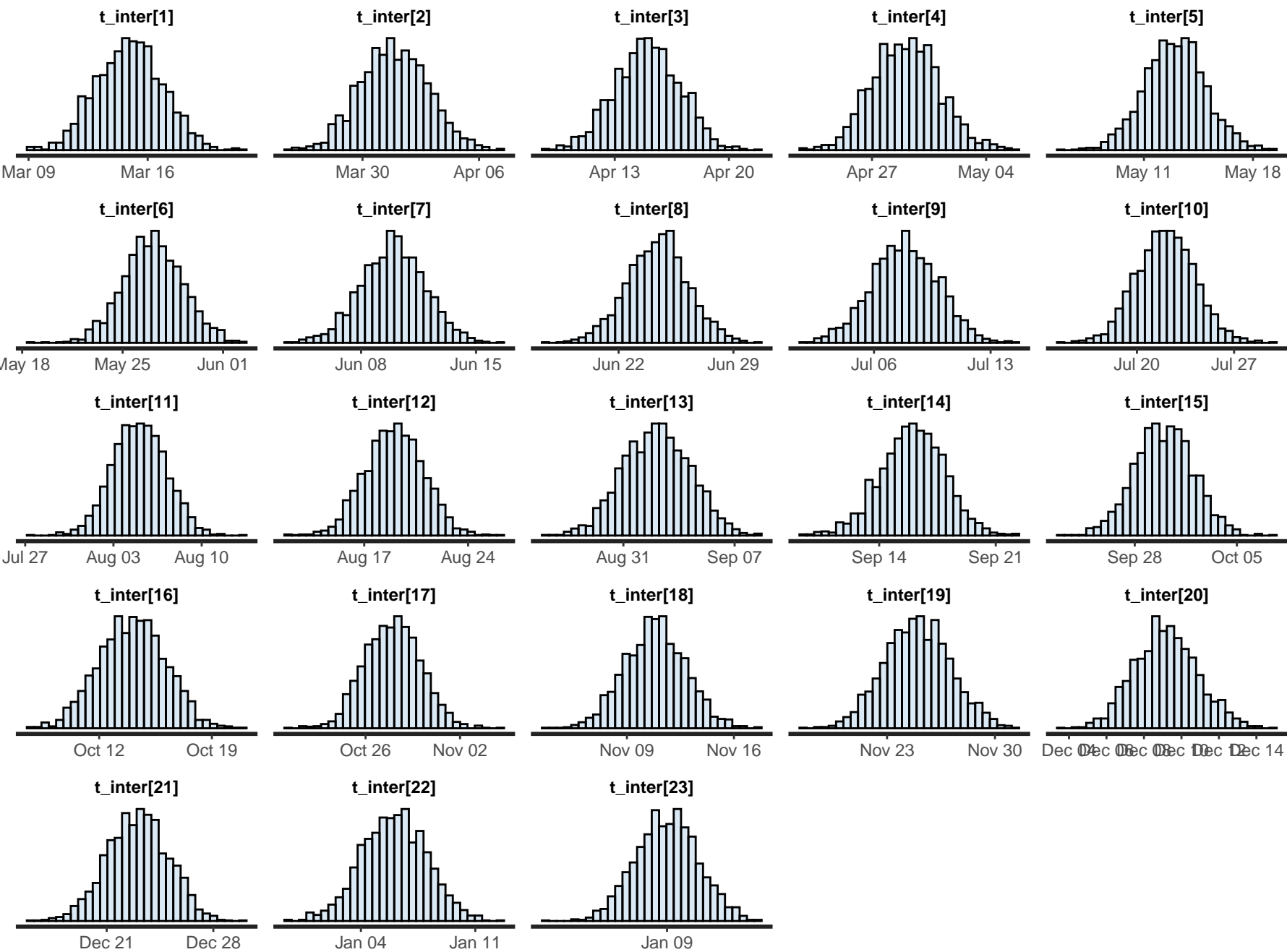


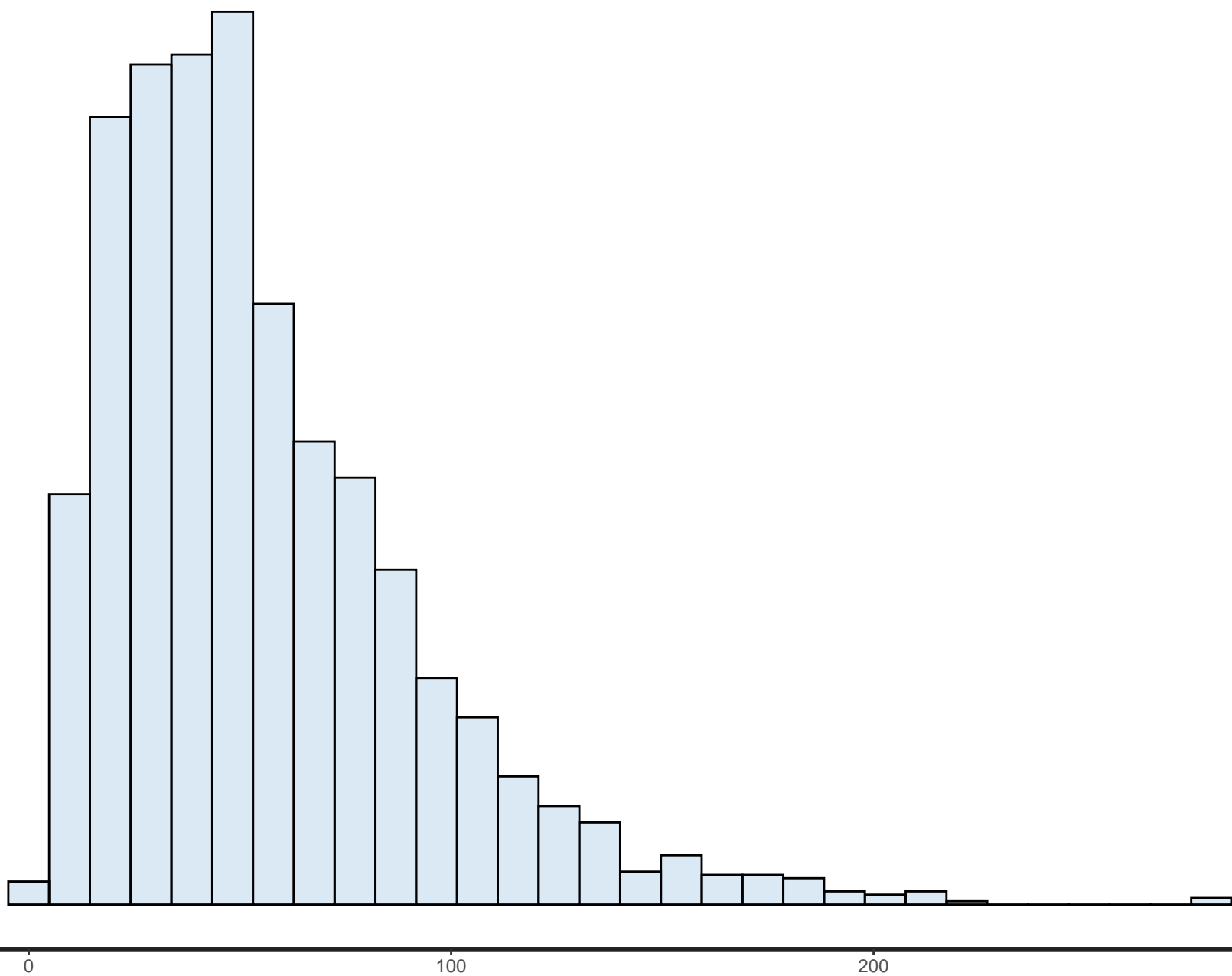






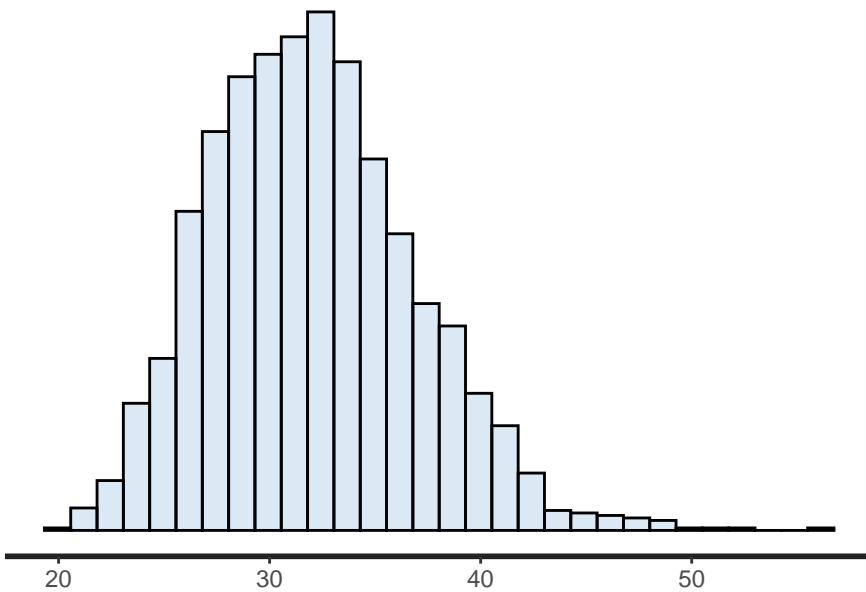
beta_multiplier[1]**beta_multiplier[2]****beta_multiplier[3]****beta_multiplier[4]****beta_multiplier[5]****beta_multiplier[6]****beta_multiplier[7]****beta_multiplier[8]****beta_multiplier[9]****beta_multiplier[10]****beta_multiplier[11]****beta_multiplier[12]****beta_multiplier[13]****beta_multiplier[14]****beta_multiplier[15]****beta_multiplier[16]****beta_multiplier[17]****beta_multiplier[18]****beta_multiplier[19]****beta_multiplier[20]****beta_multiplier[21]****beta_multiplier[22]****beta_multiplier[23]**



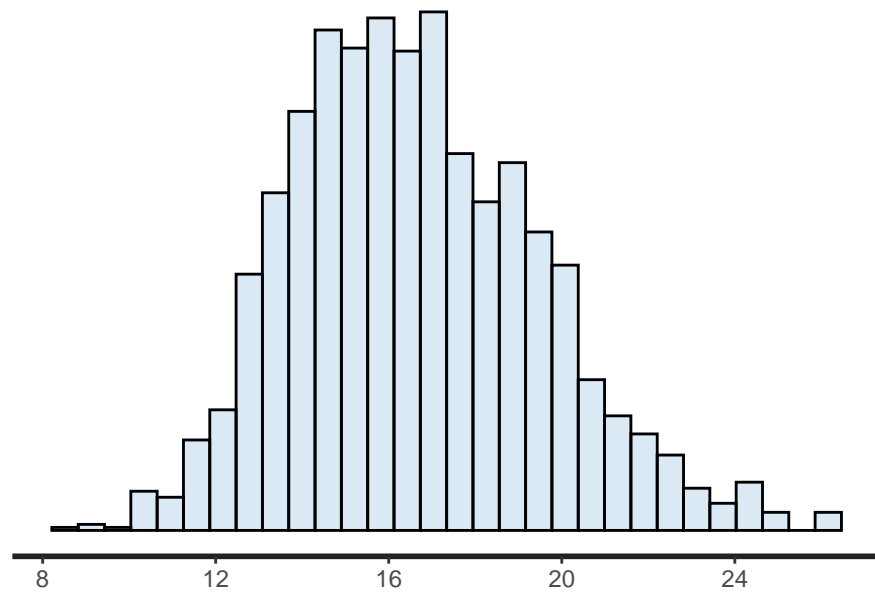


ini_exposed

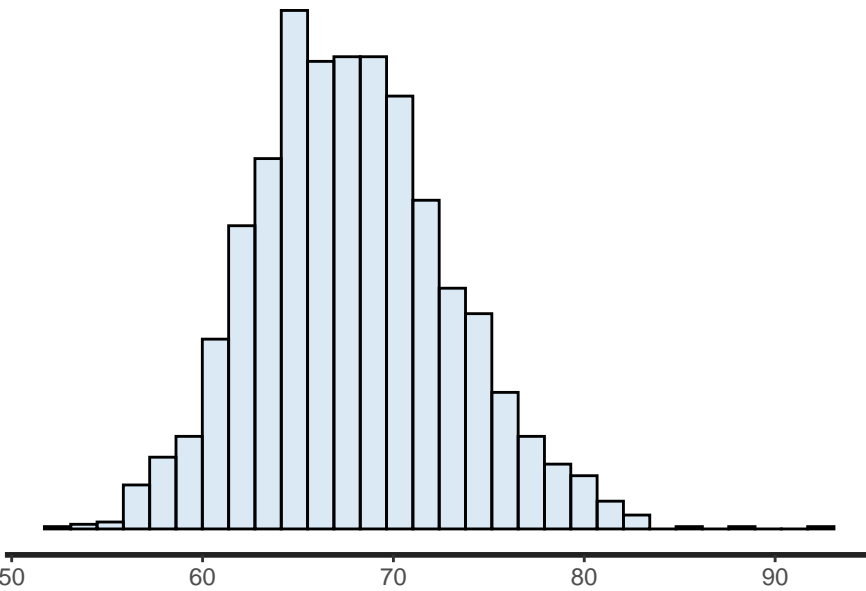
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

