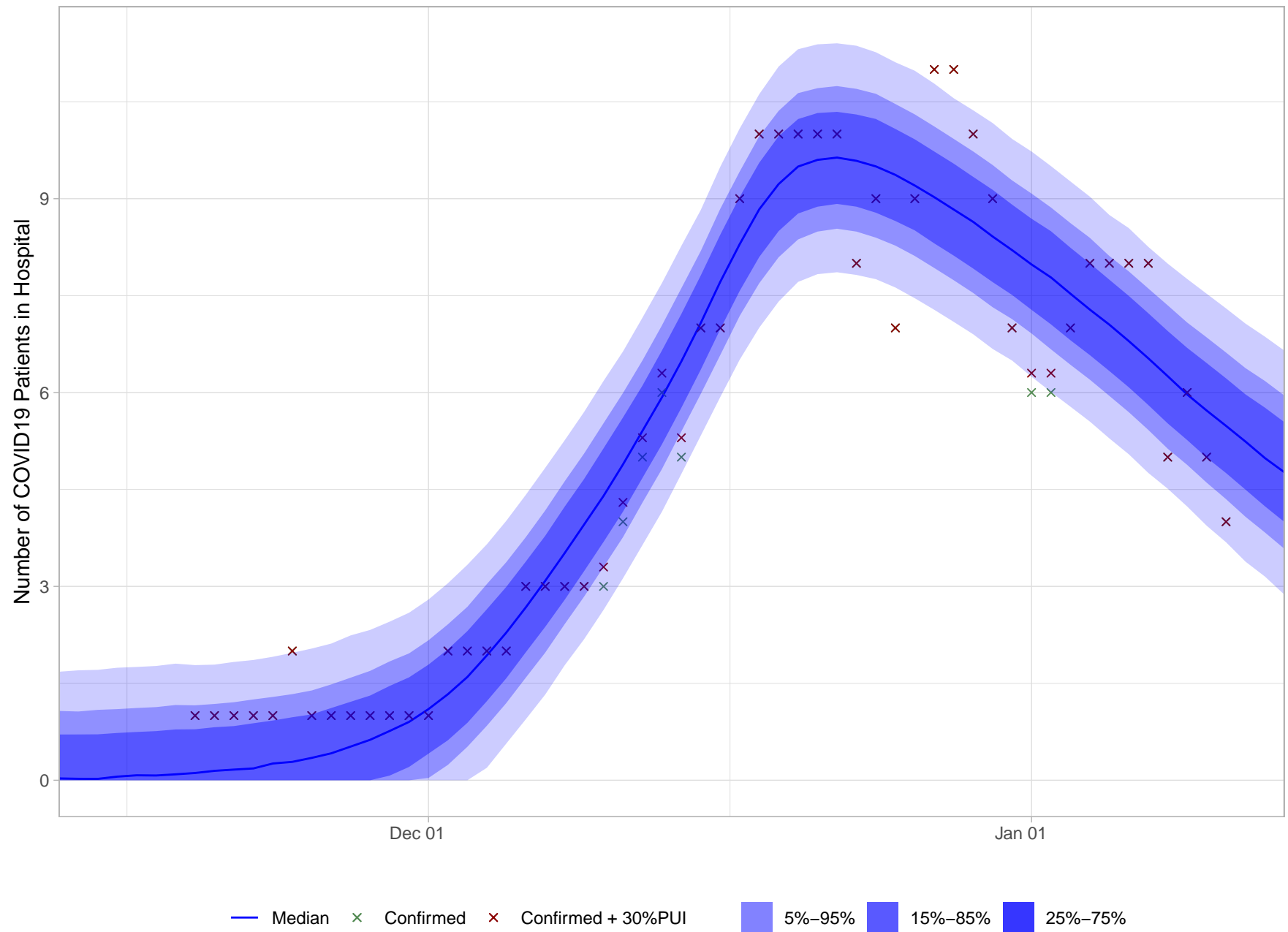
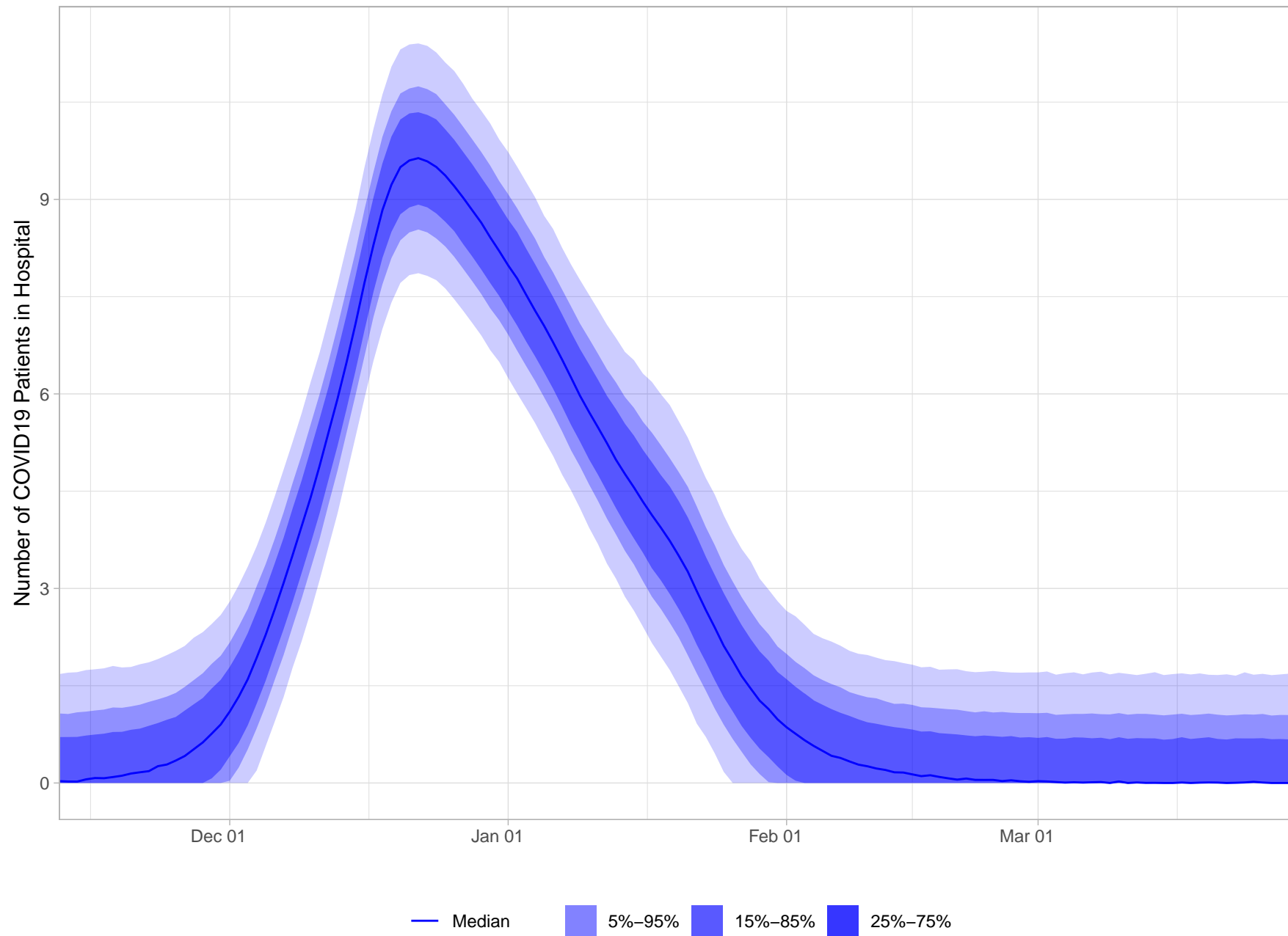


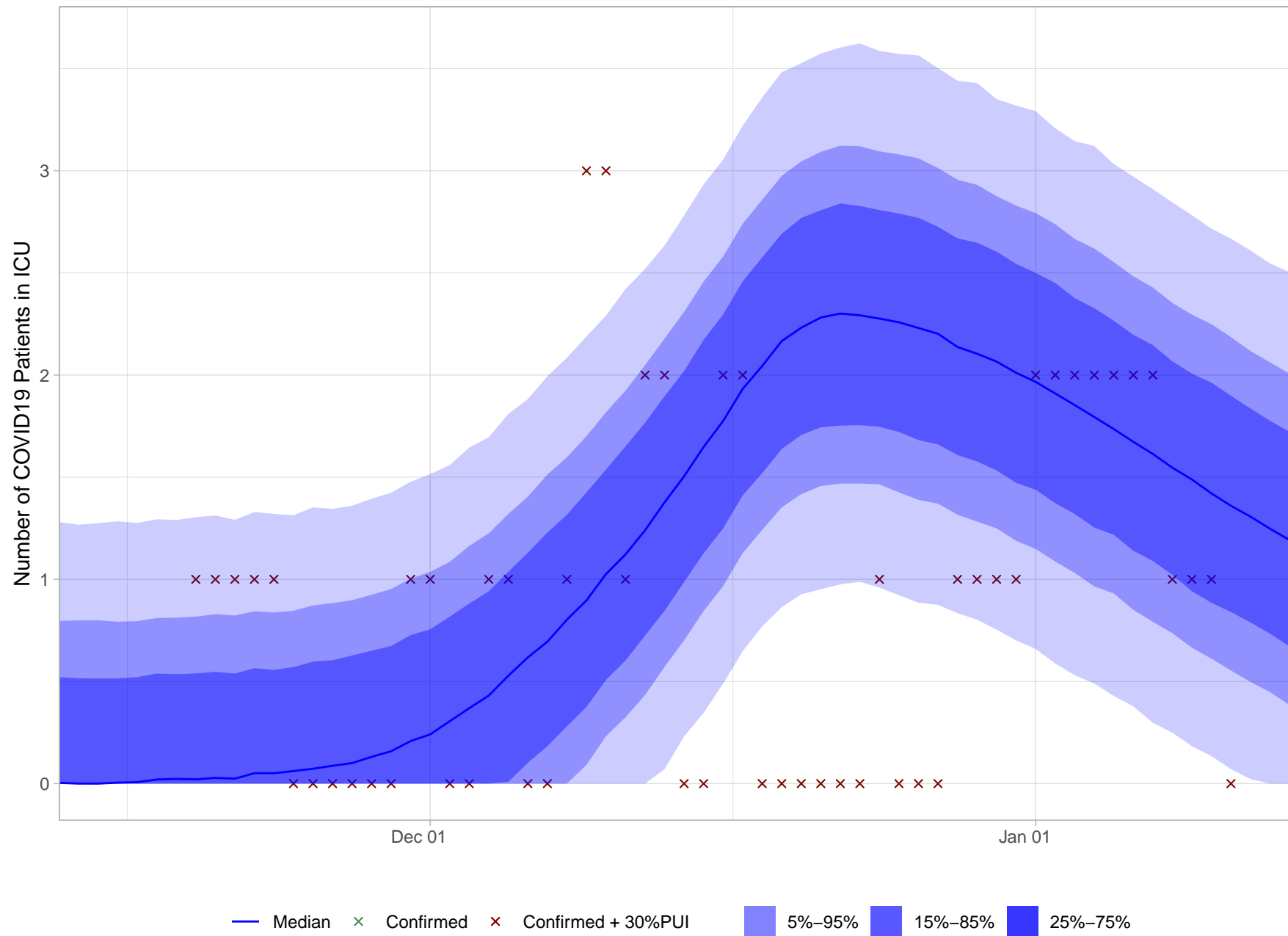
Short Term Hospitalization Projection



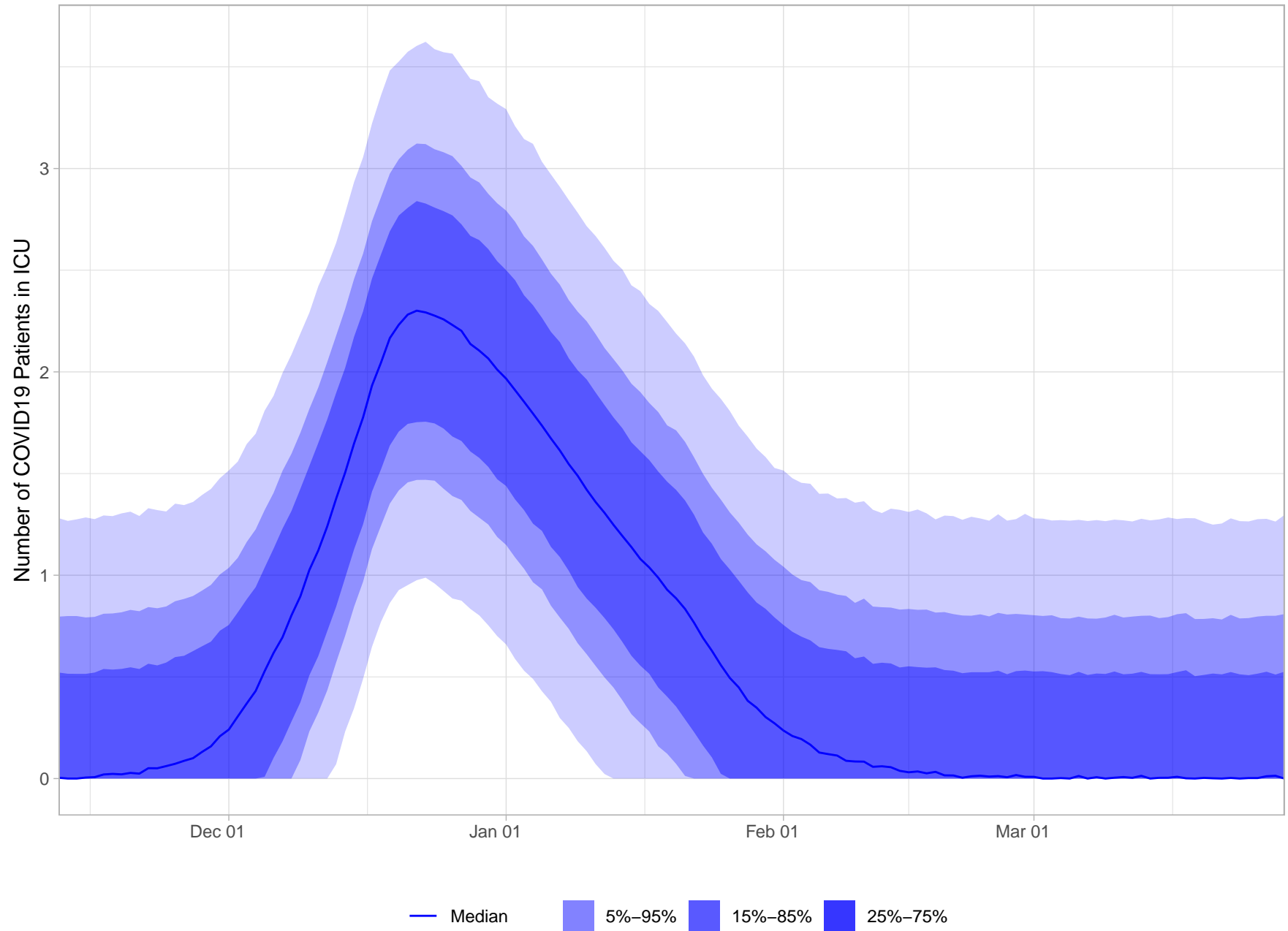
Long Term Hospitalization Projection



Short Term ICU Projection



Long Term ICU Projection



Short Term Death Projection

Number of COVID19 Deaths

27.5

25.0

22.5

20.0

17.5

Dec 01

Jan 01

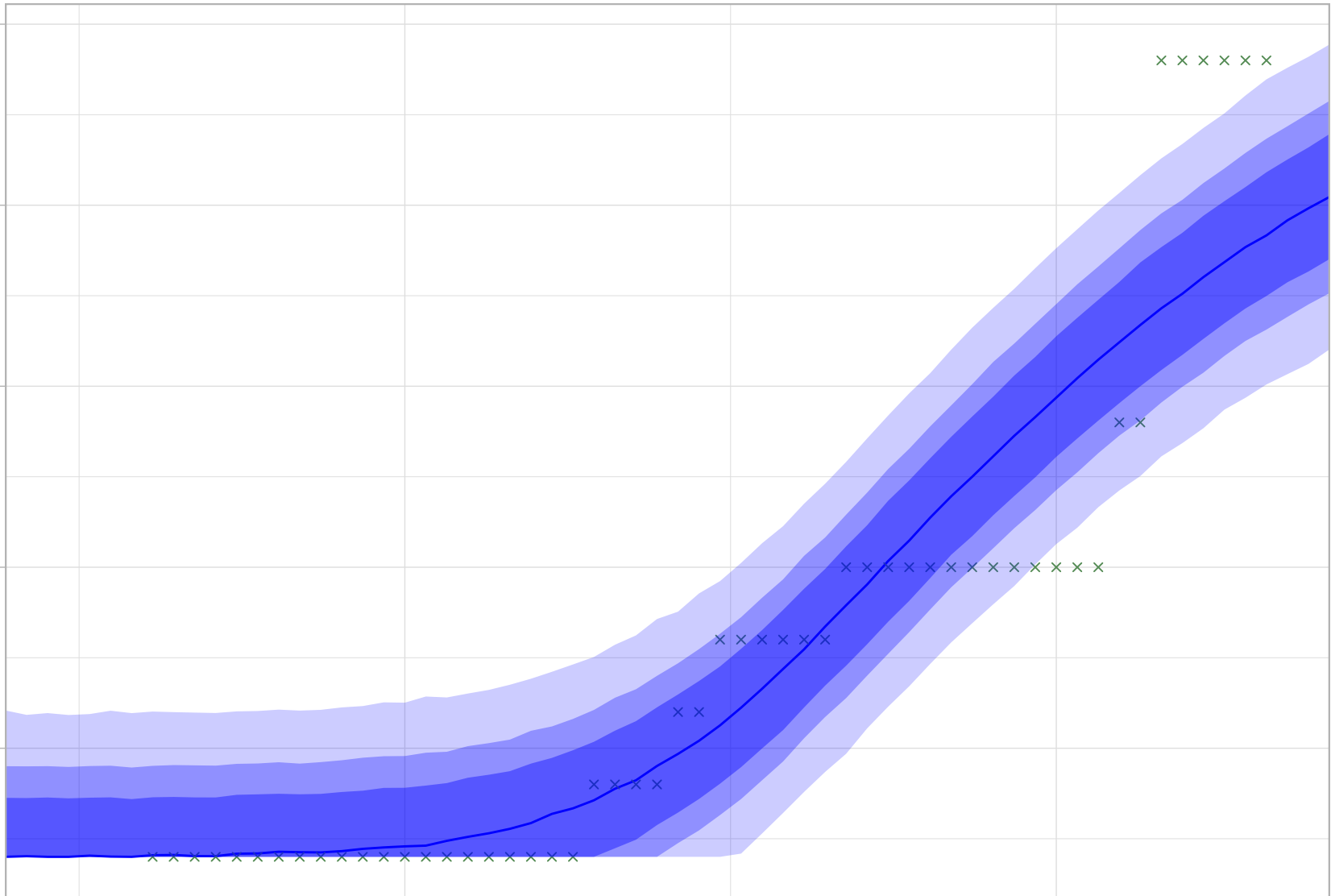
— Median

× Confirmed

5%–95%

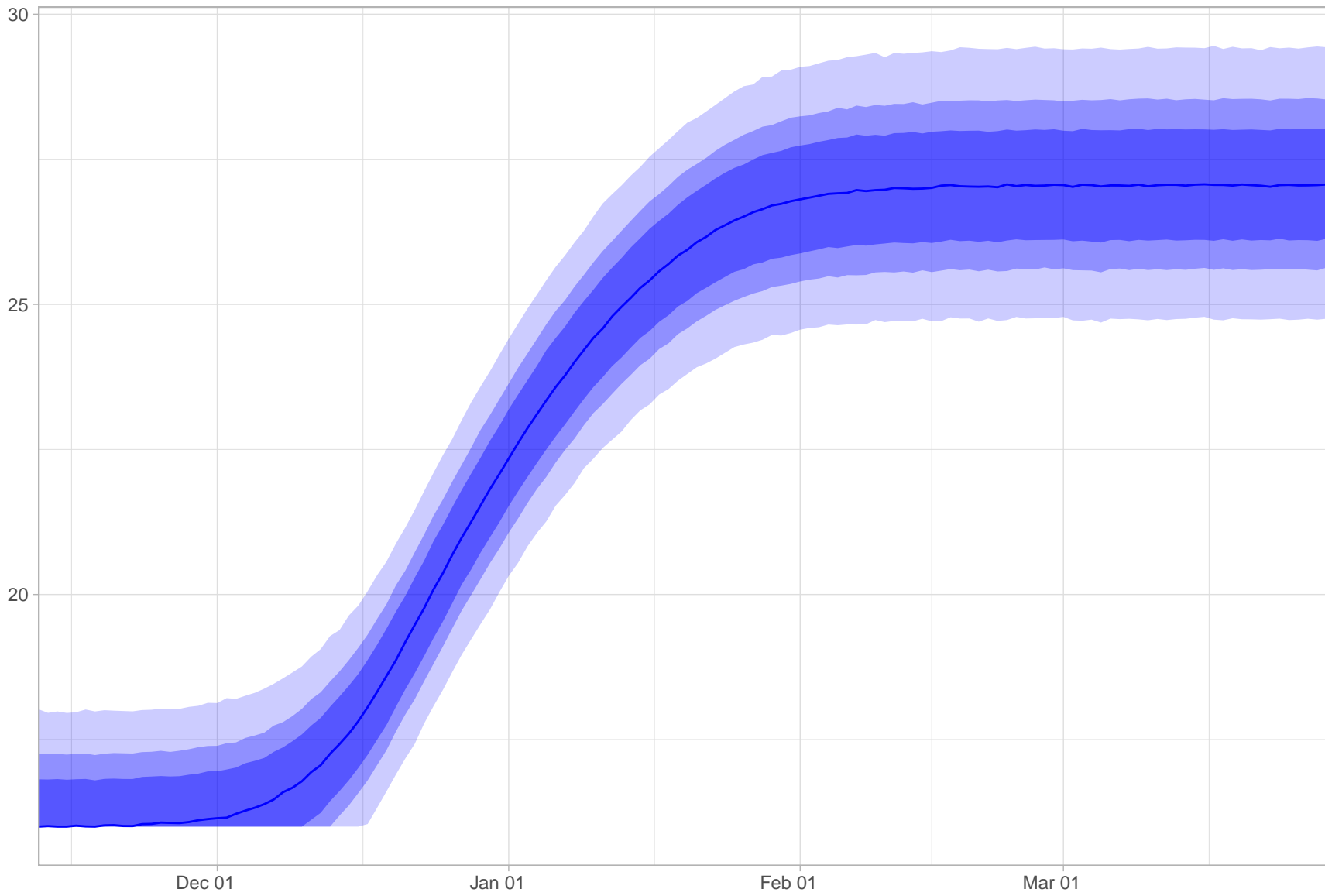
15%–85%

25%–75%



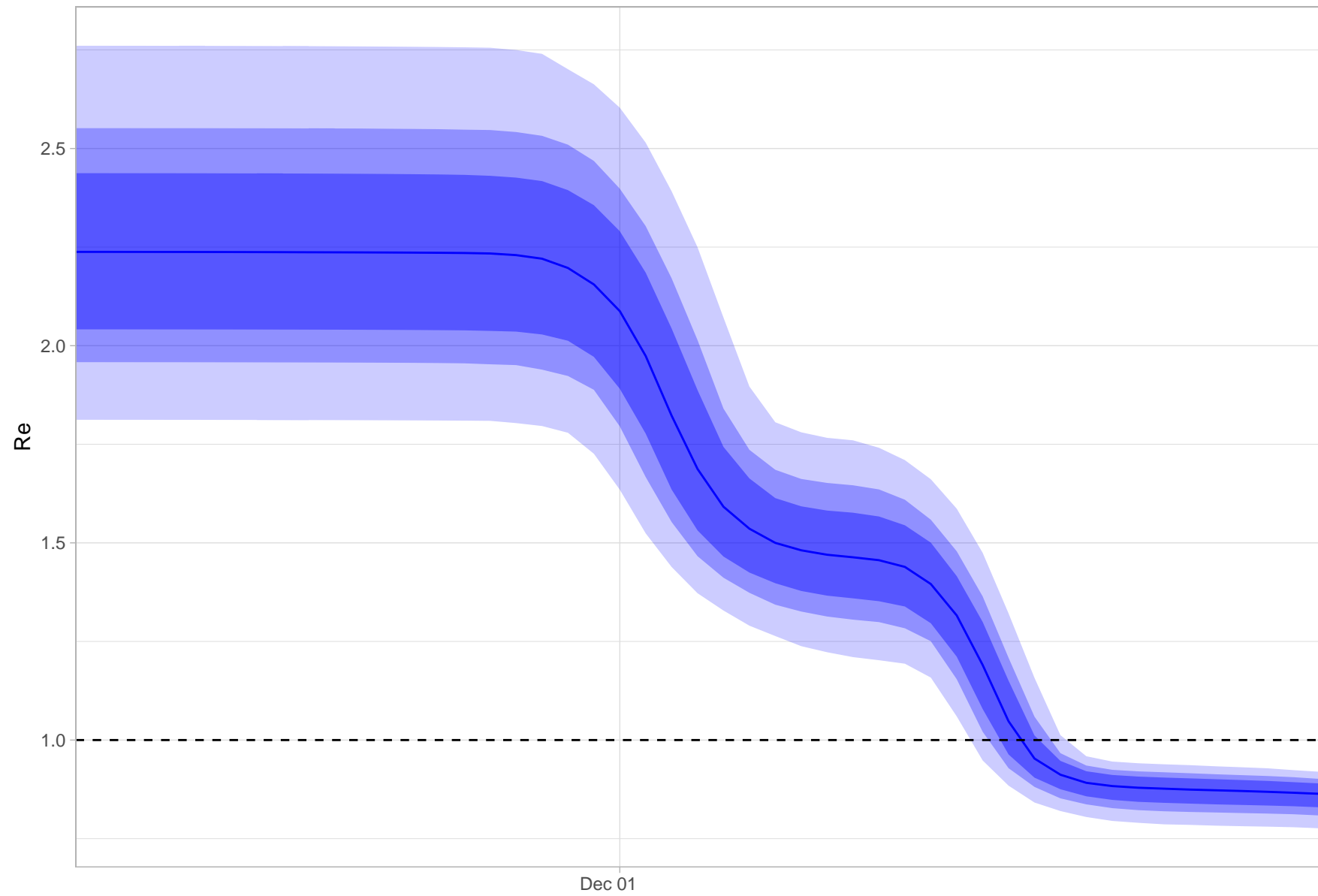
Long Term Death Projection

Number of COVID19 Deaths



— Median 5%–95% 15%–85% 25%–75%

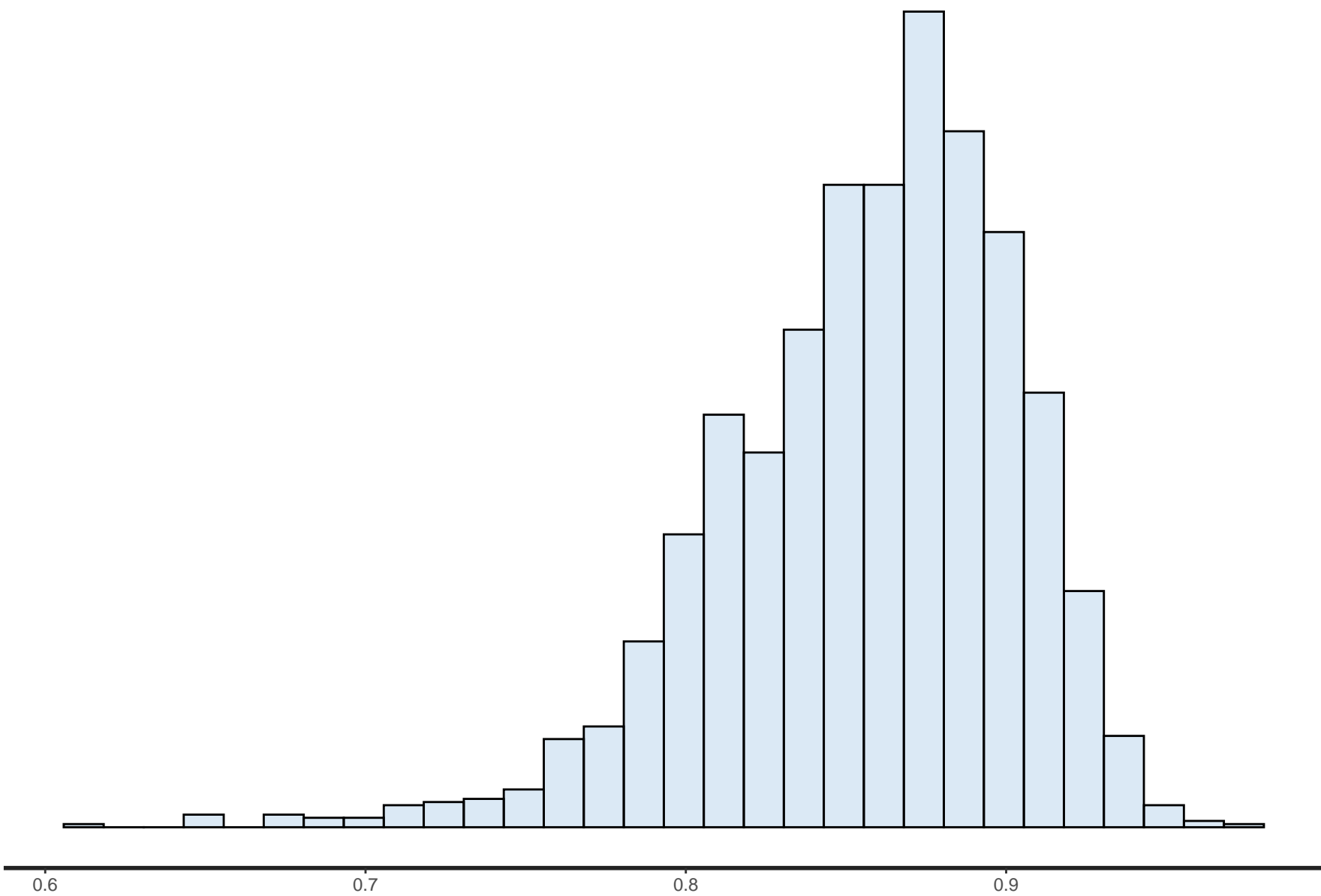
Effective Reproduction Number

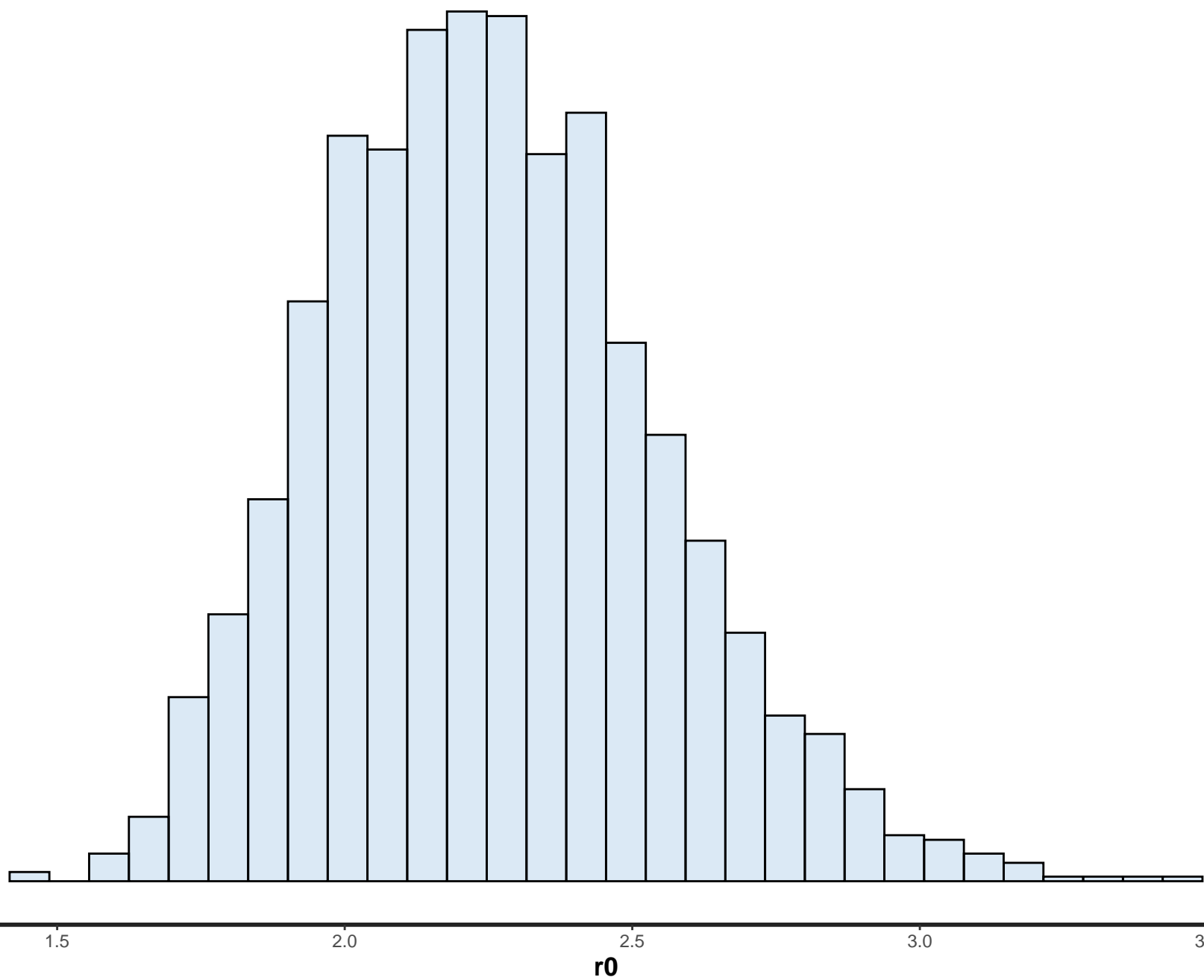


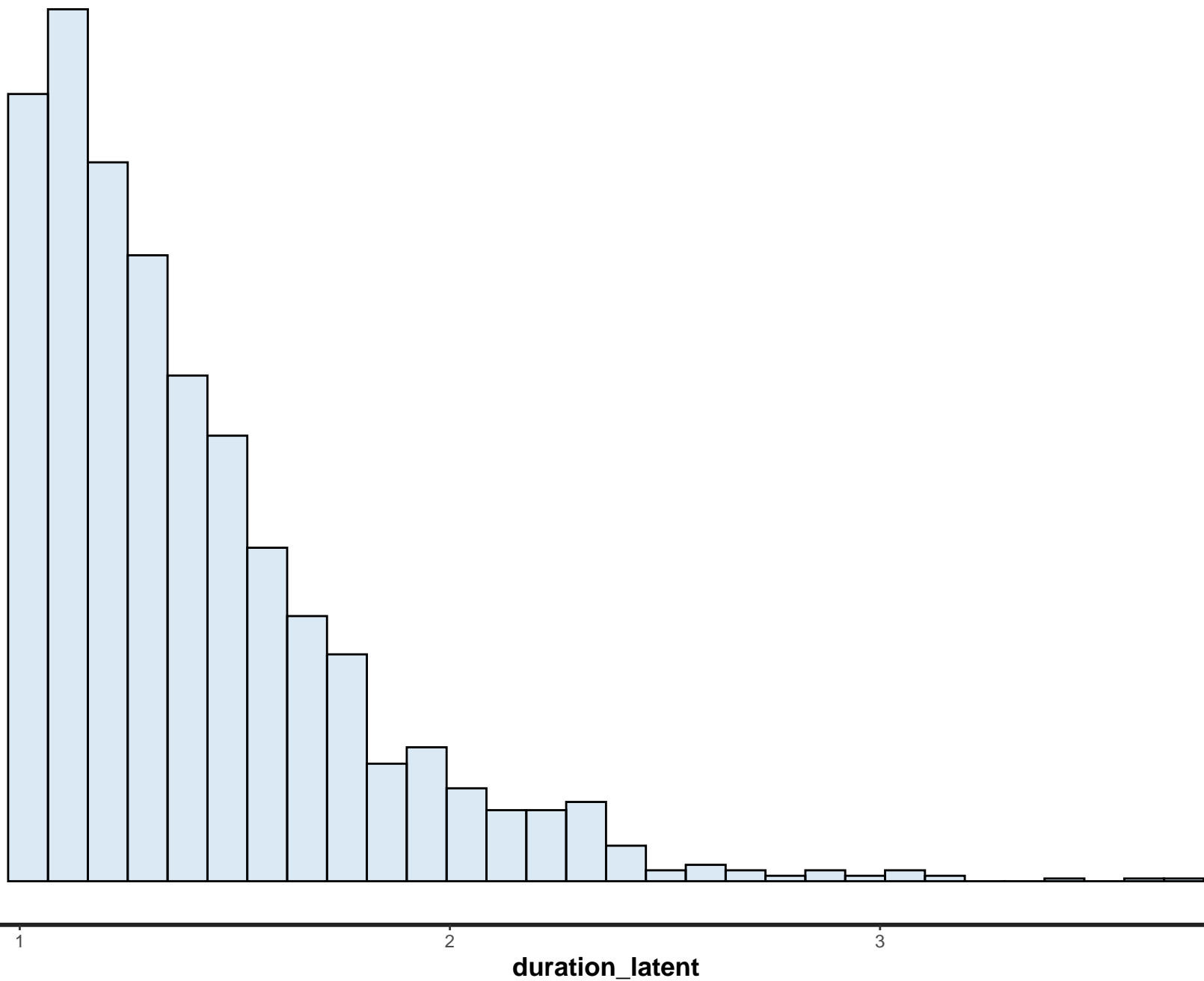
— Median 5%-95% 15%-85% 25%-75%

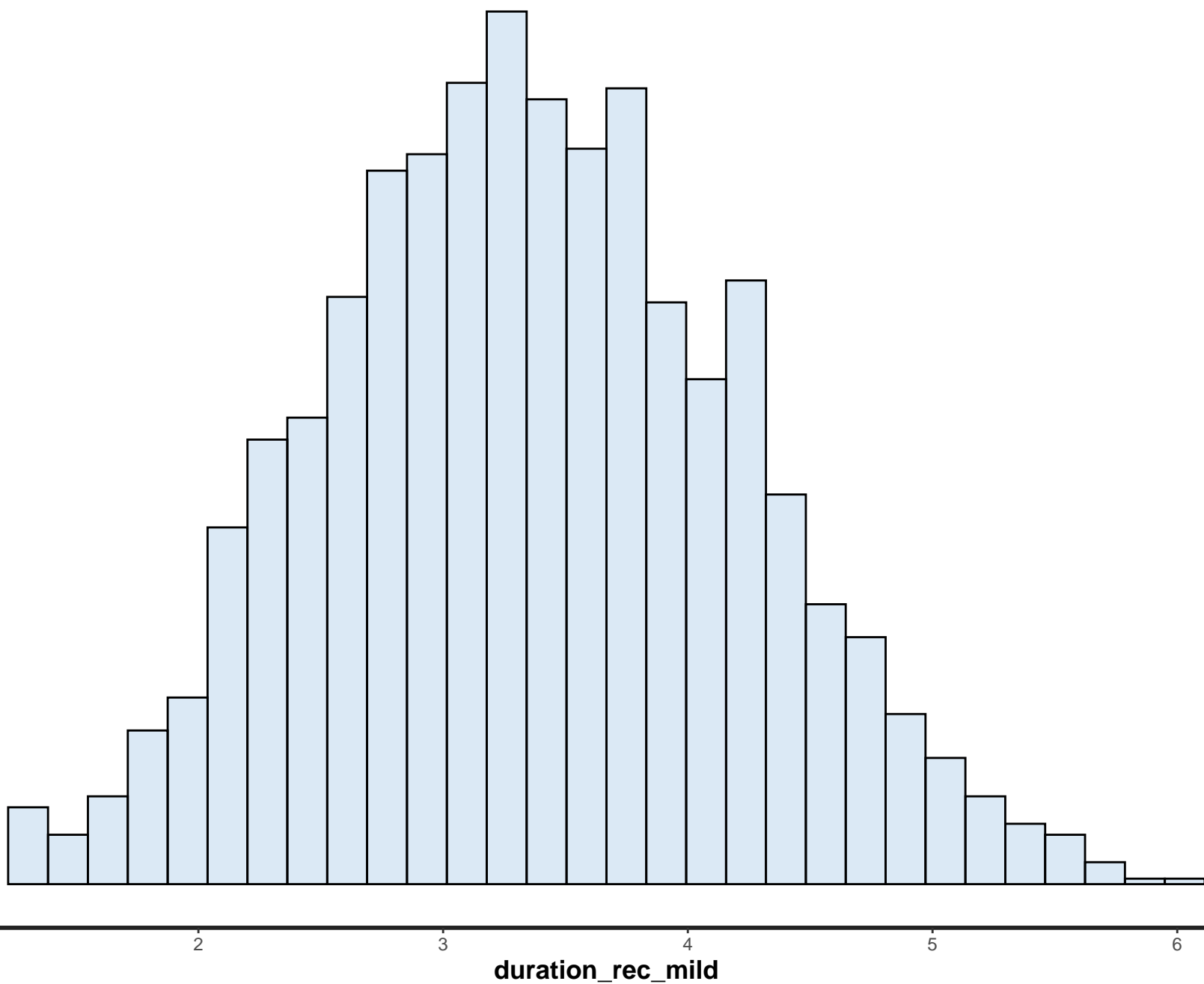
Rt as of 2020-12-28

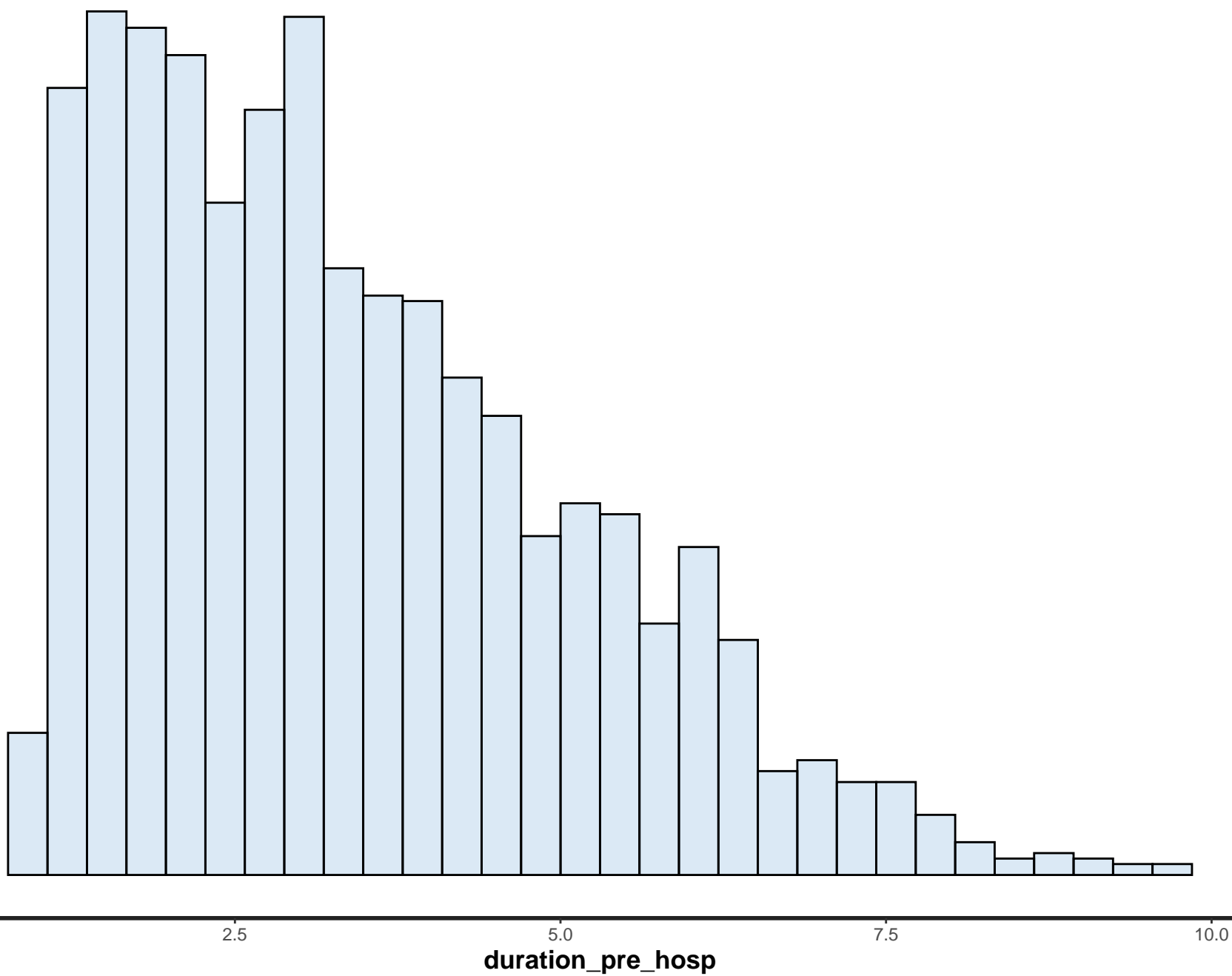
5% 10% 25% 50% 75% 90% 95%
0.78 0.80 0.83 0.86 0.89 0.91 0.92

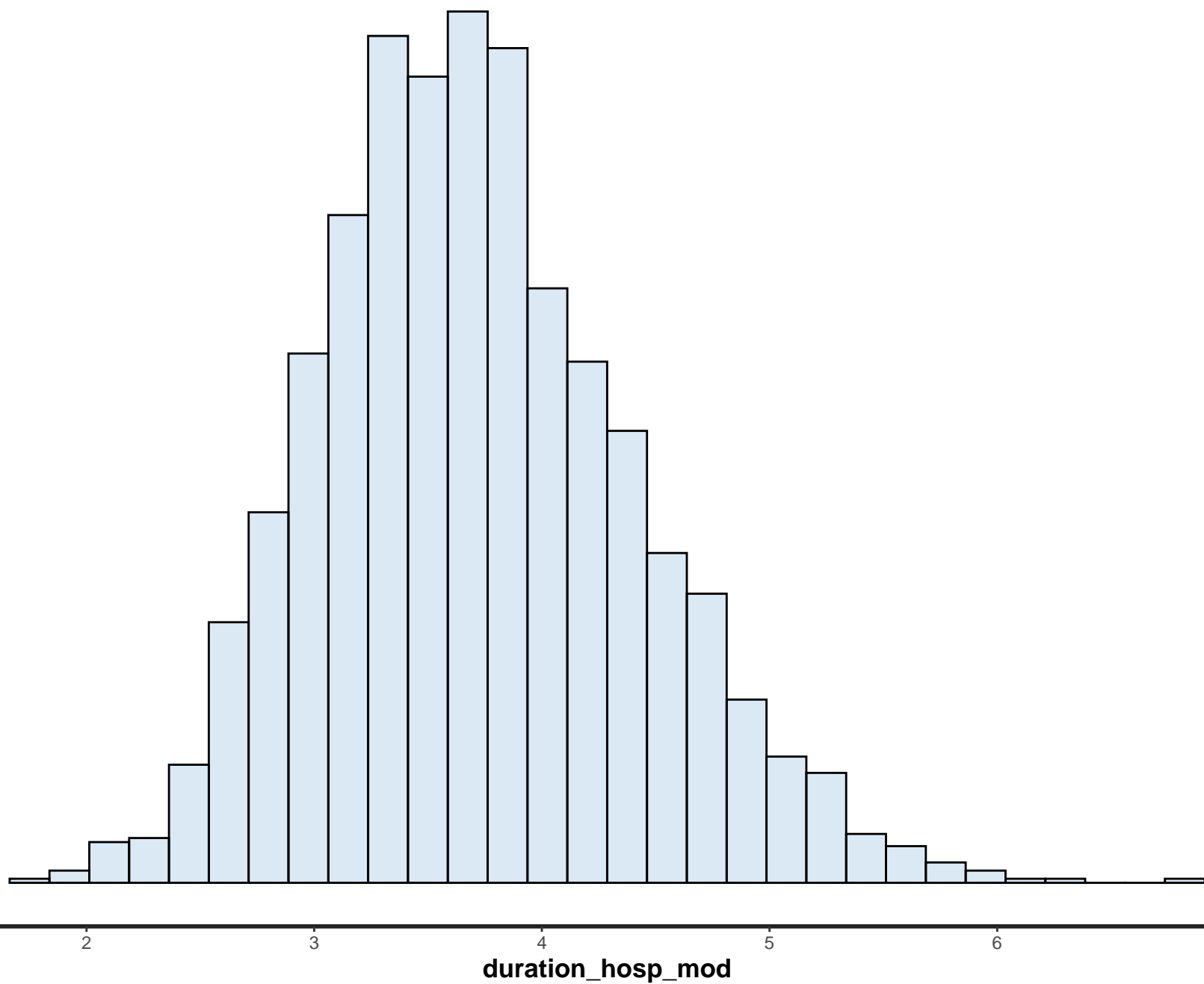


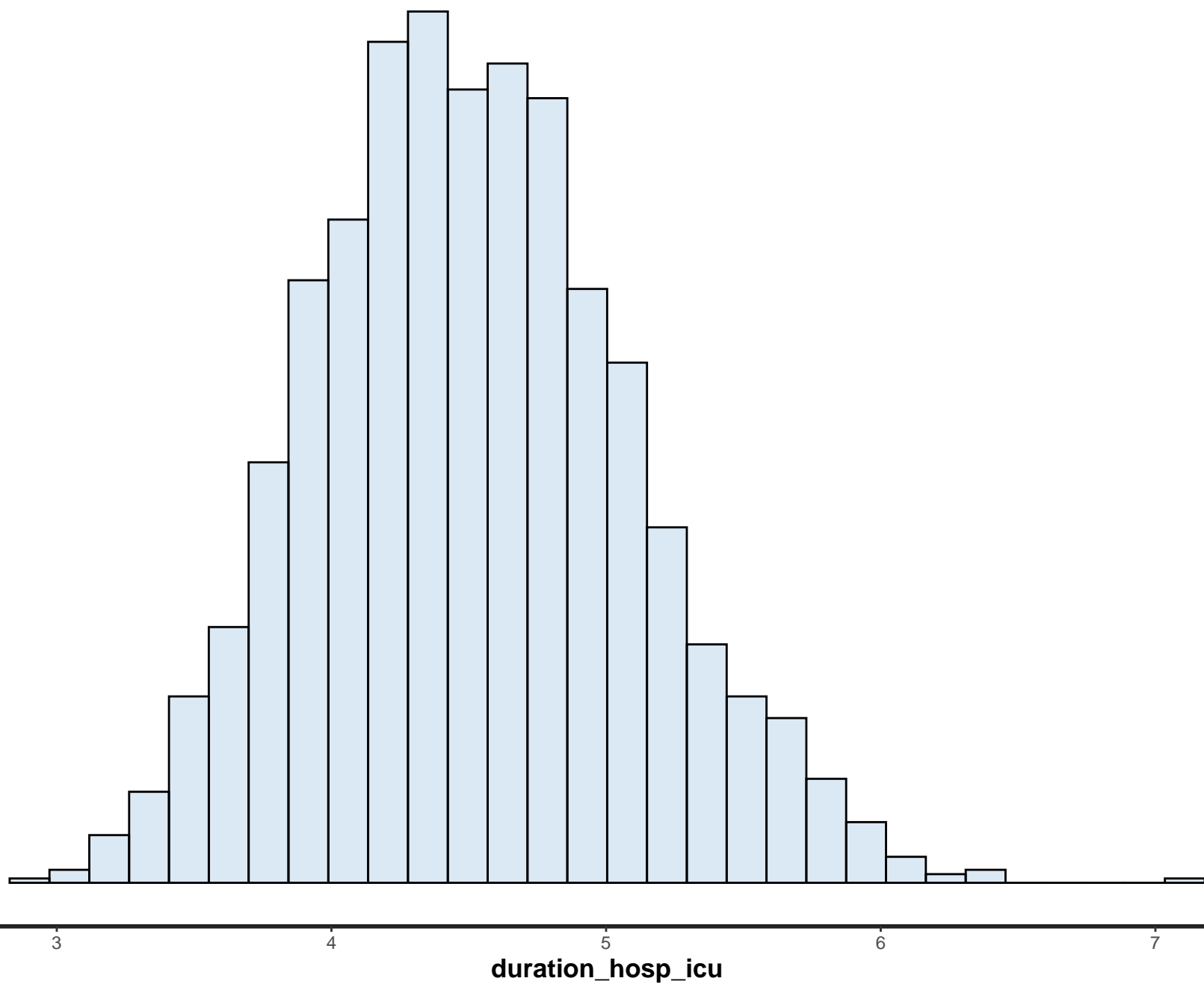


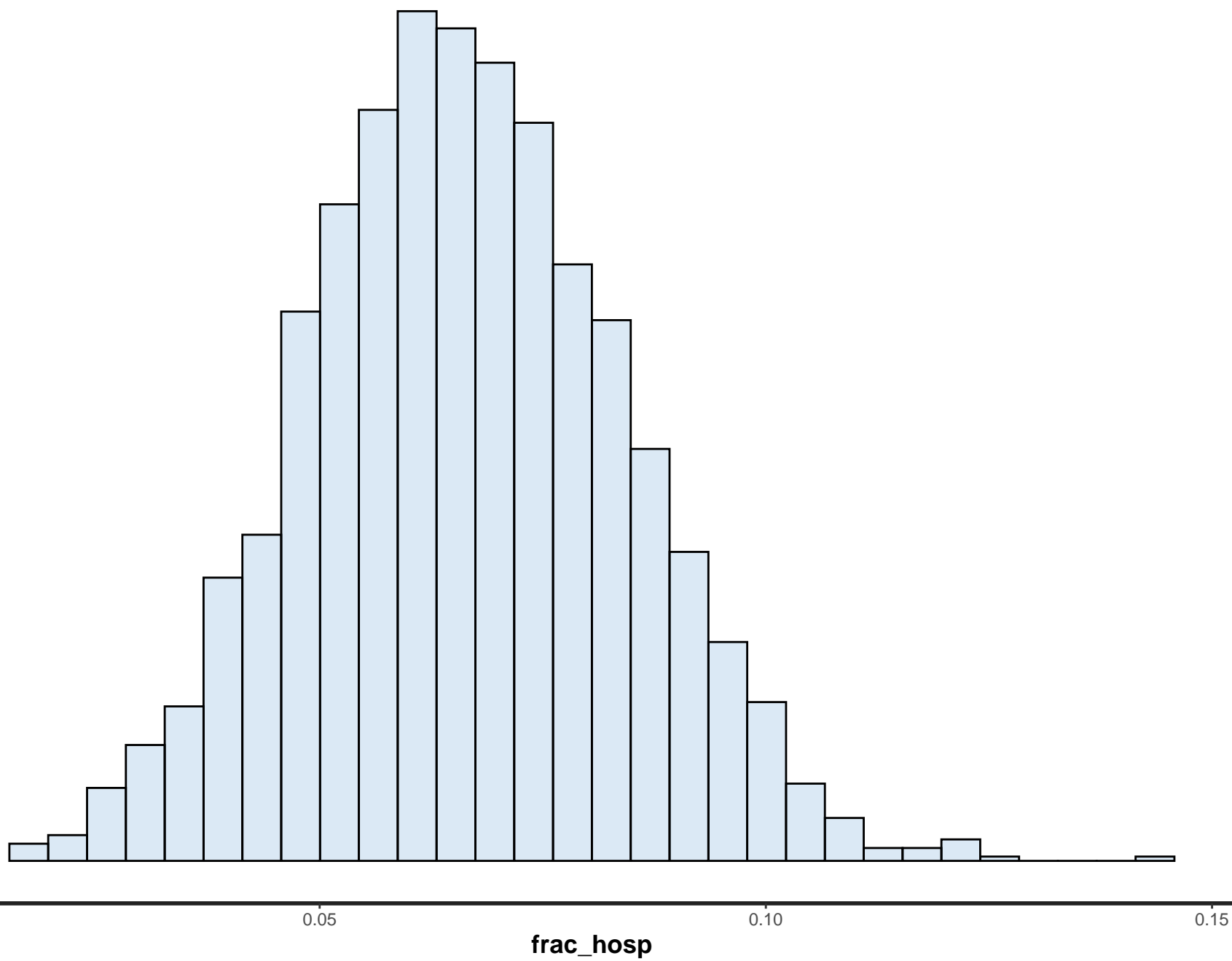


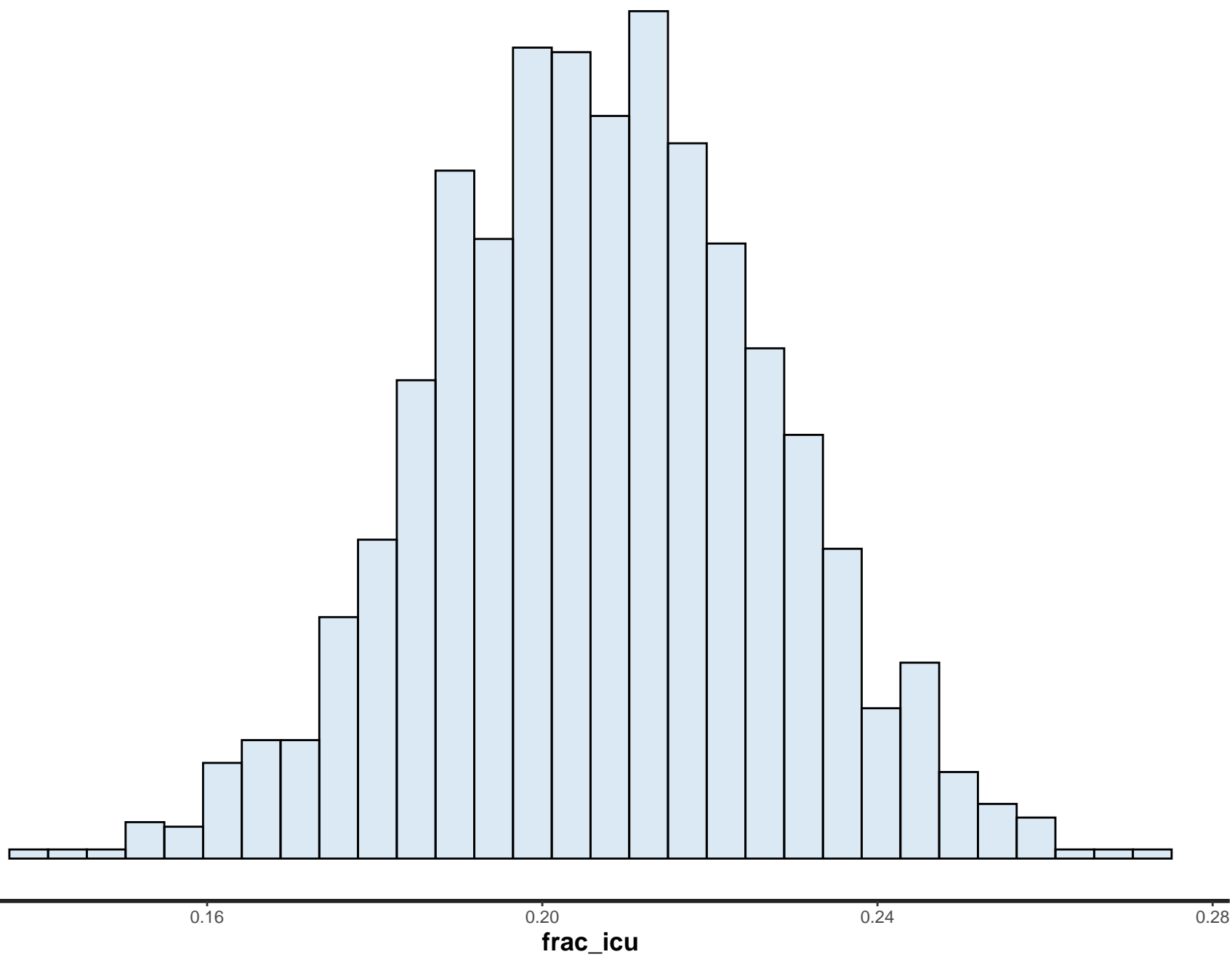


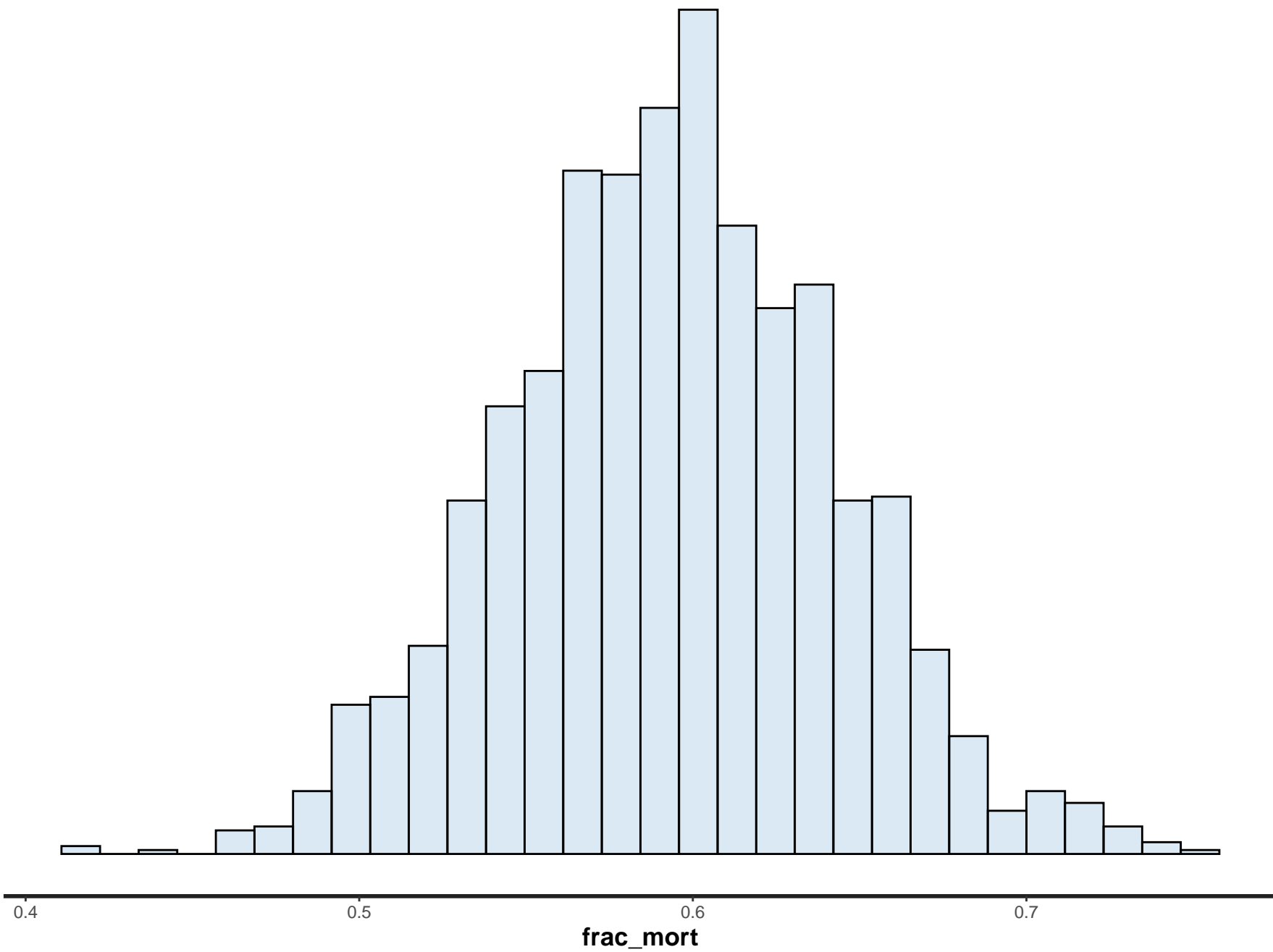




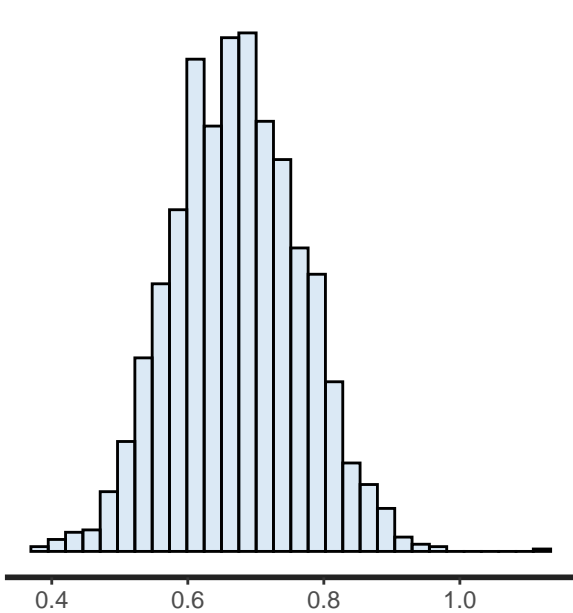




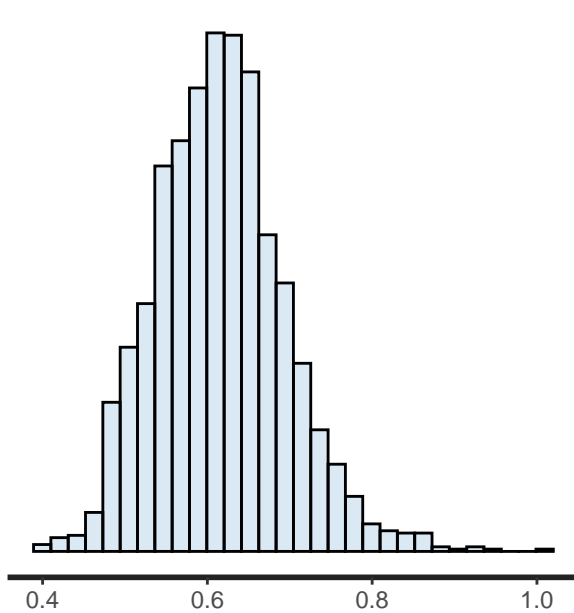




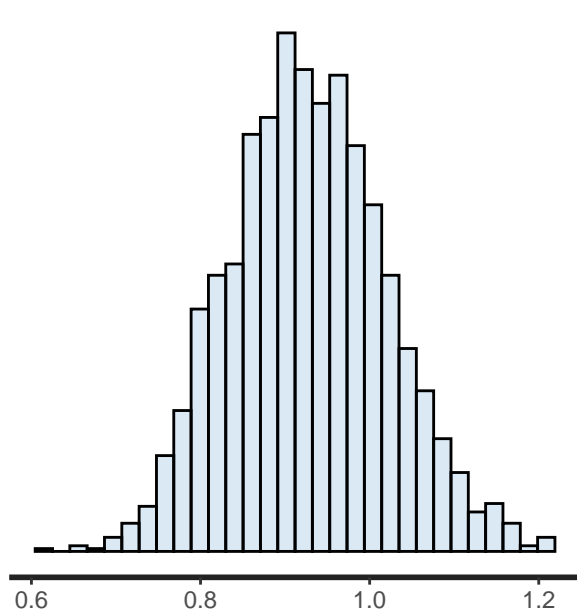
beta_multiplier[1]



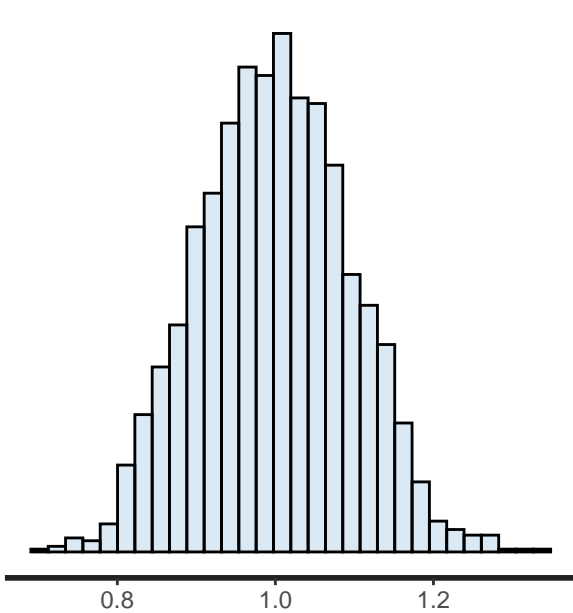
beta_multiplier[2]



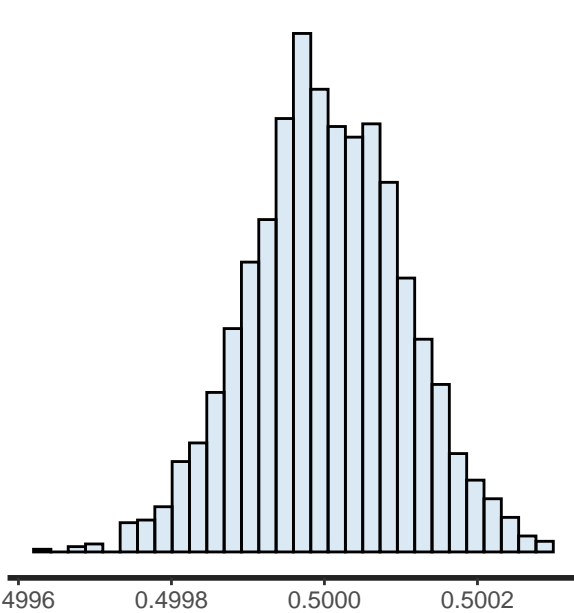
beta_multiplier[3]



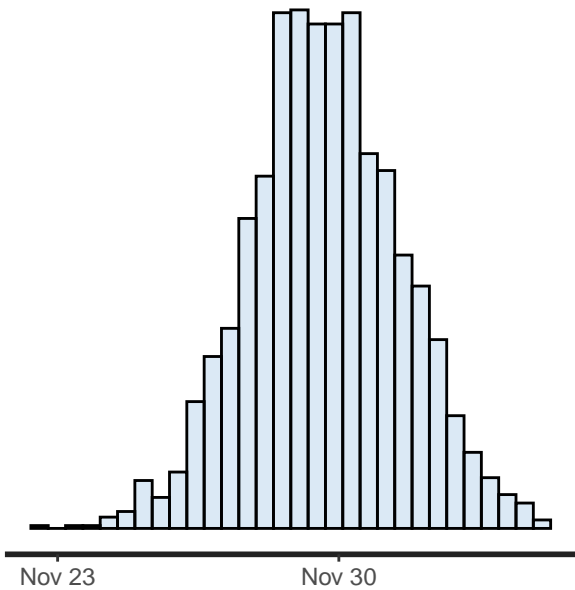
beta_multiplier[4]



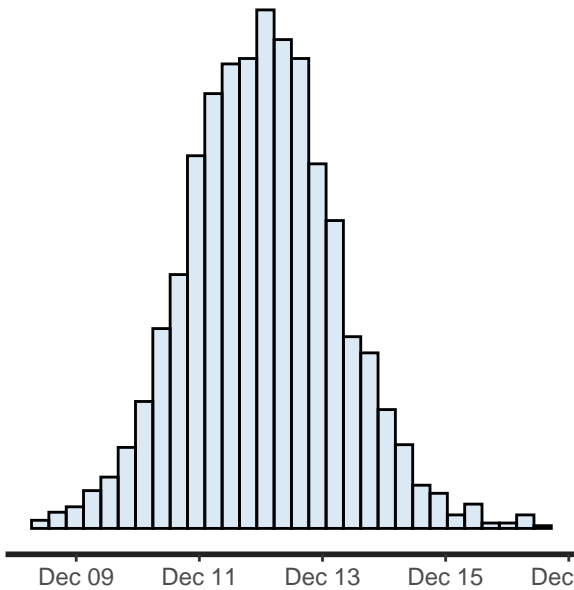
beta_multiplier[5]



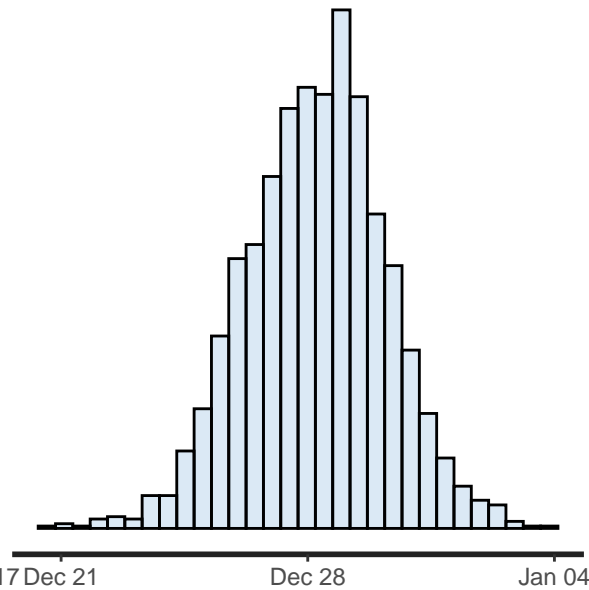
t_inter[1]



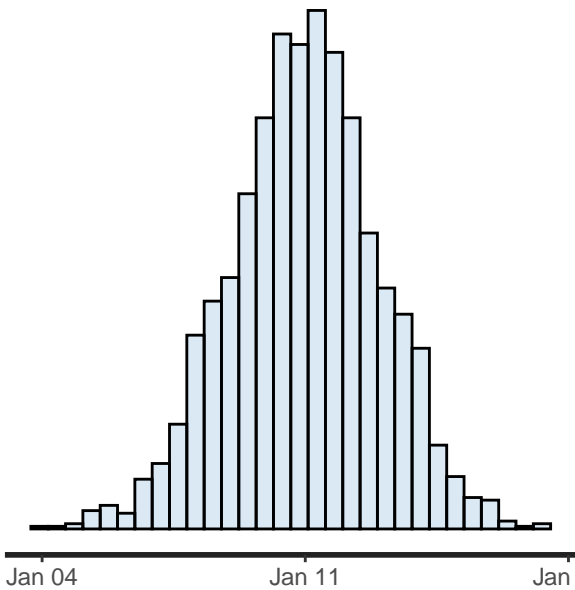
t_inter[2]



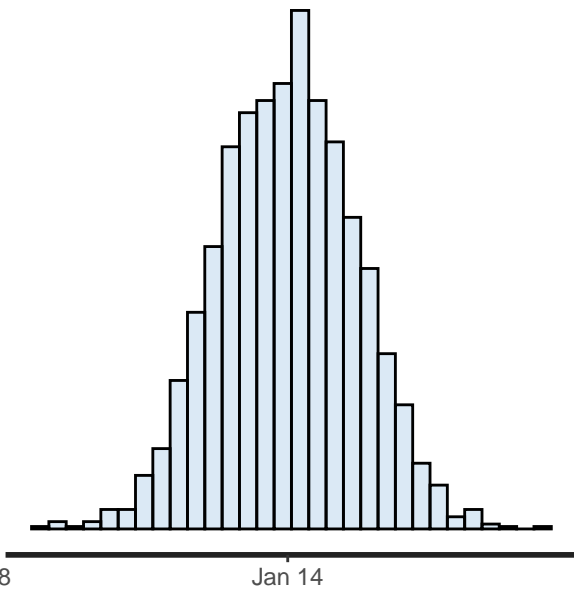
t_inter[3]

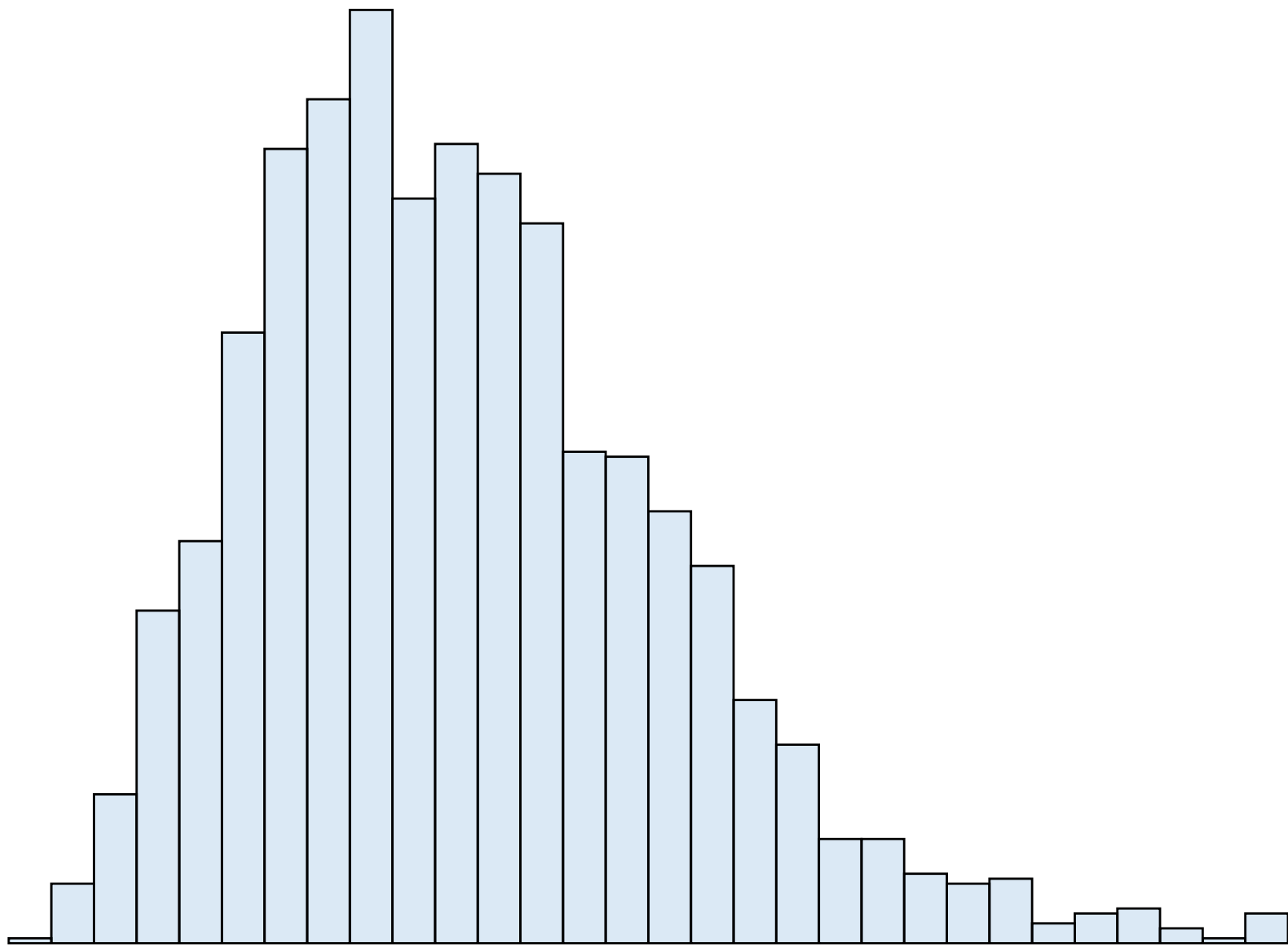


t_inter[4]



t_inter[5]





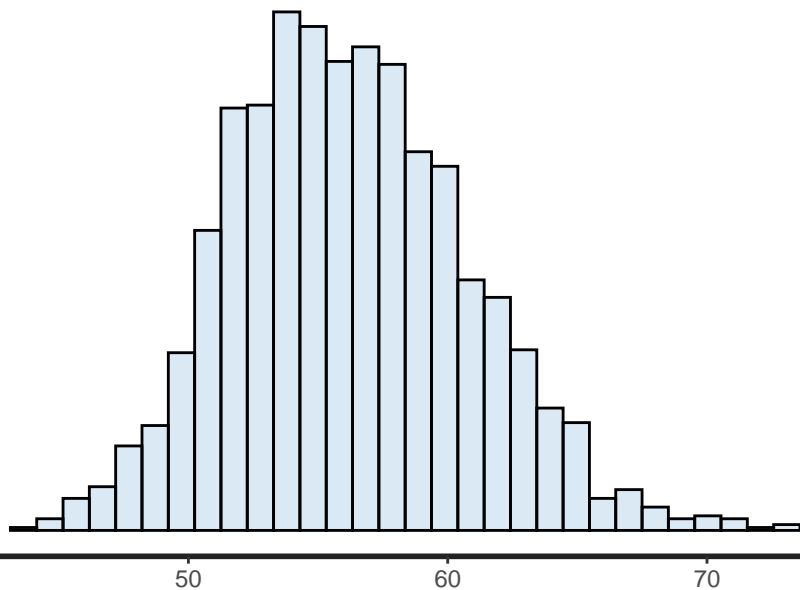
0

1

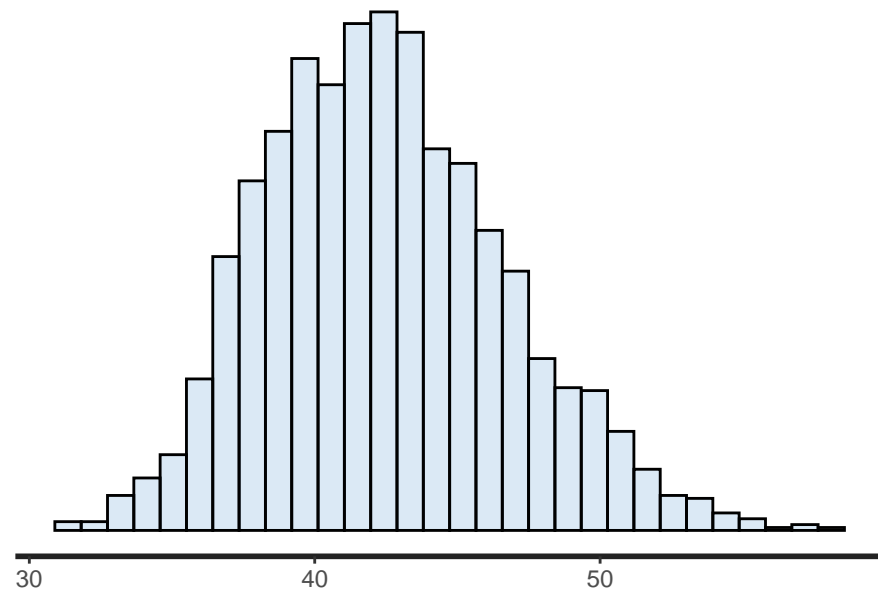
2

`ini_exposed`

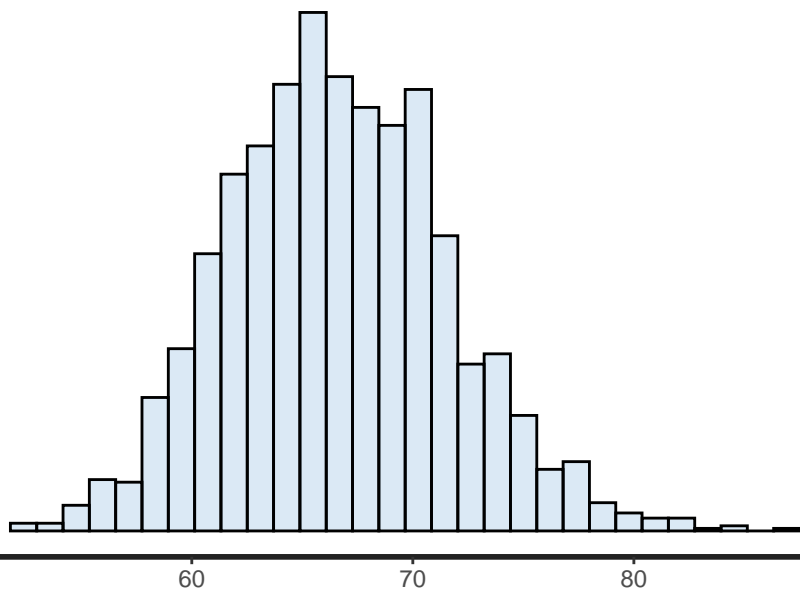
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

