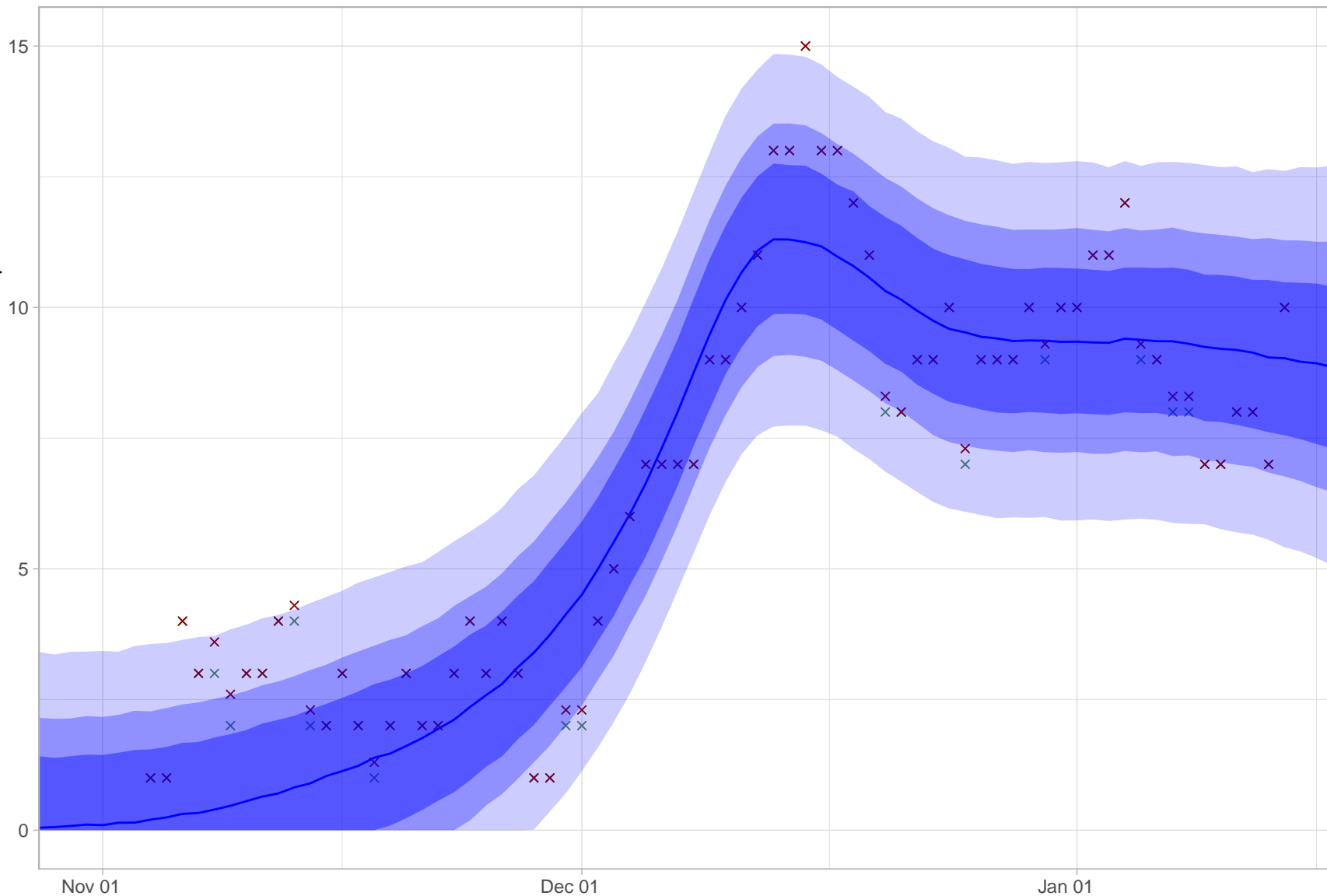


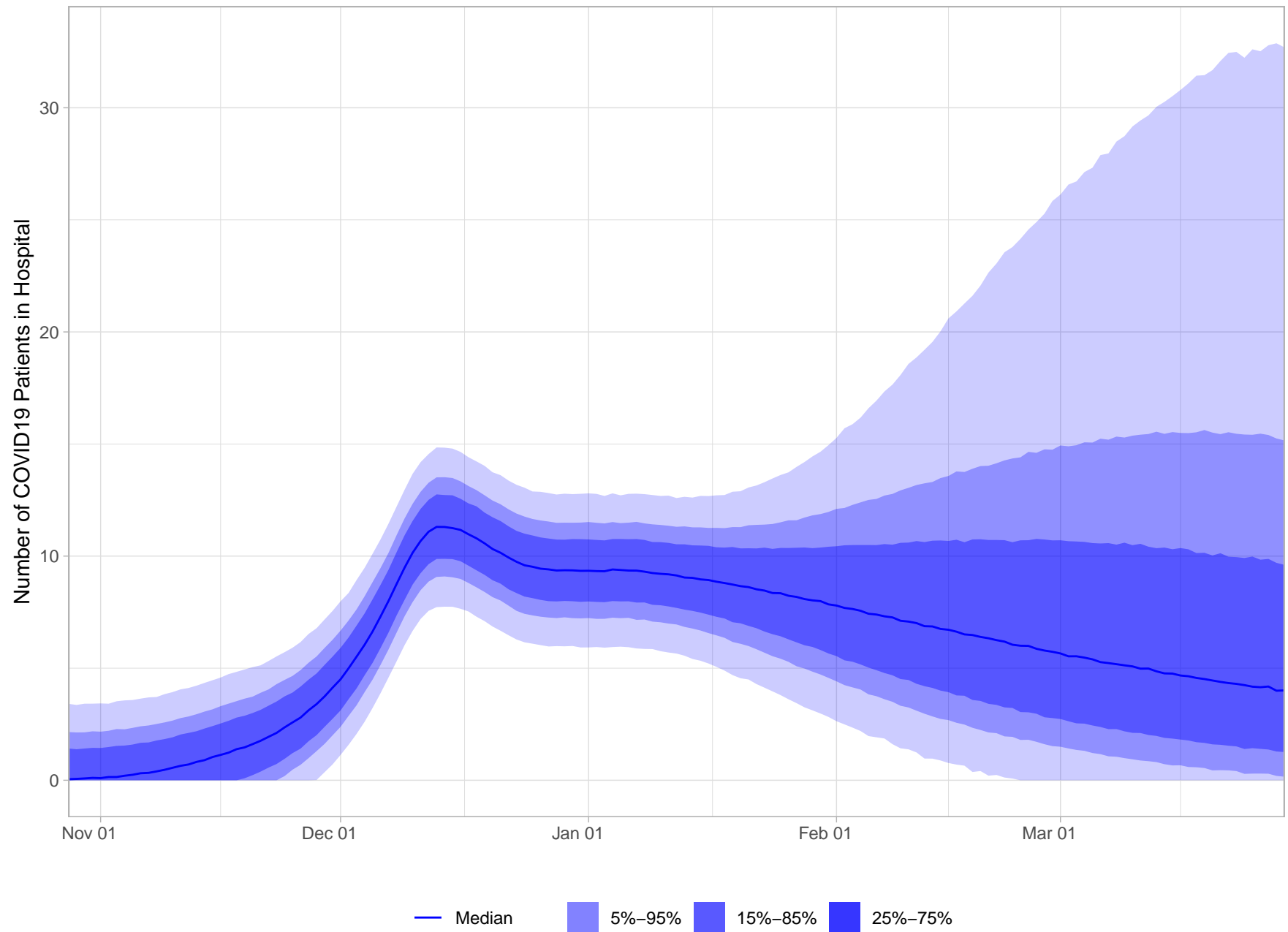
Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital

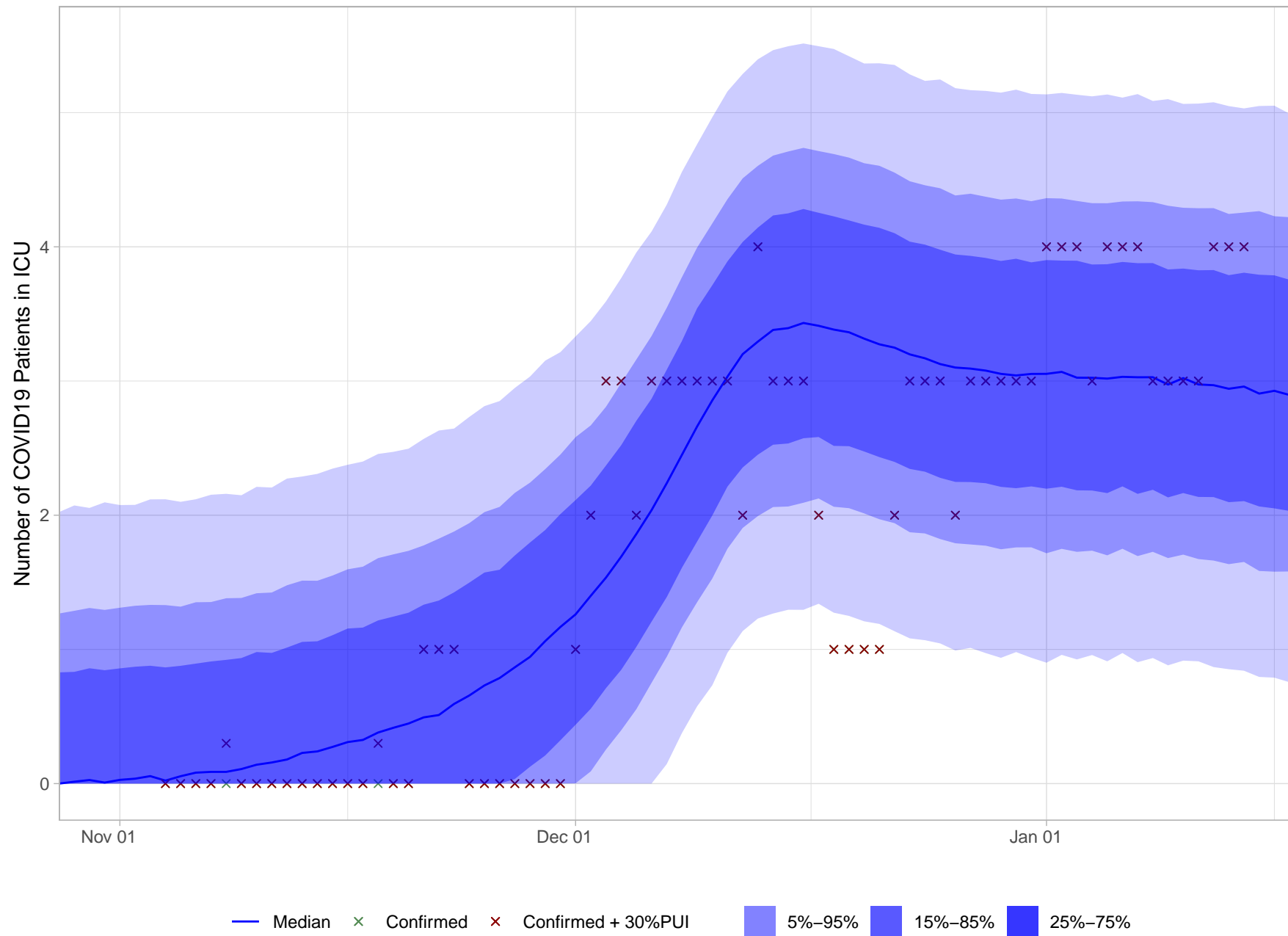


— Median x Confirmed x Confirmed + 30%PUI 5%-95% 15%-85% 25%-75%

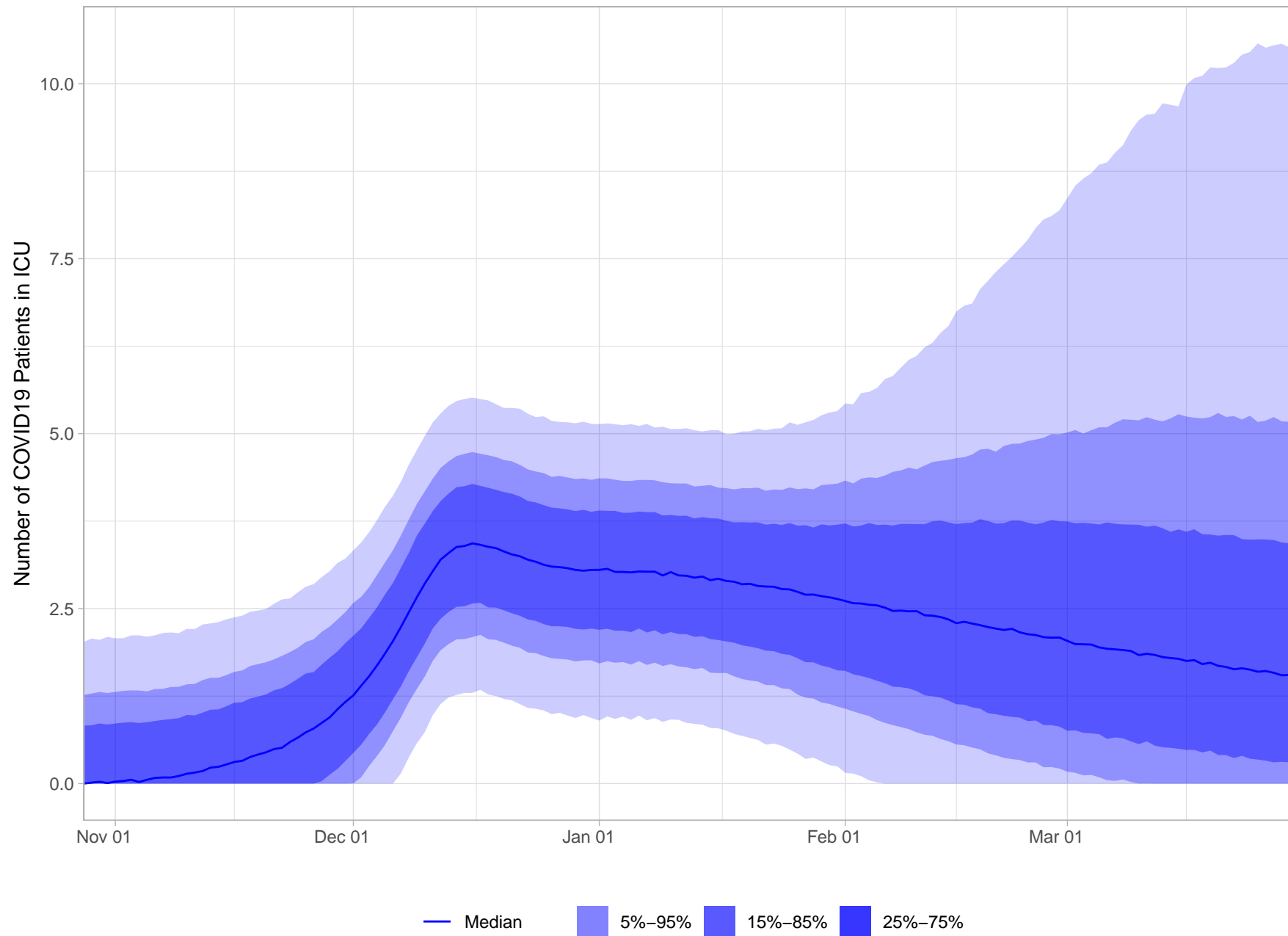
Long Term Hospitalization Projection



Short Term ICU Projection

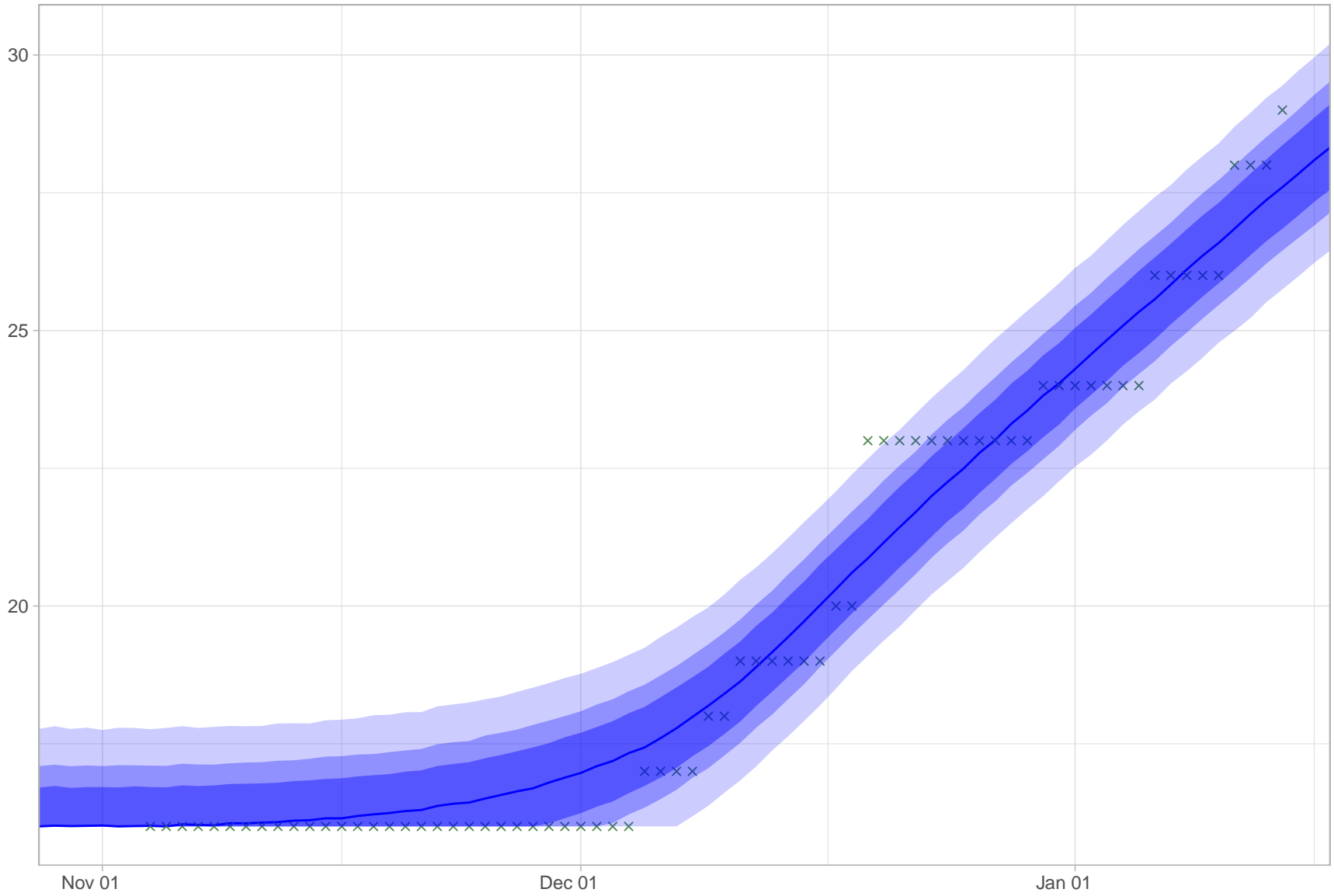


Long Term ICU Projection



Short Term Death Projection

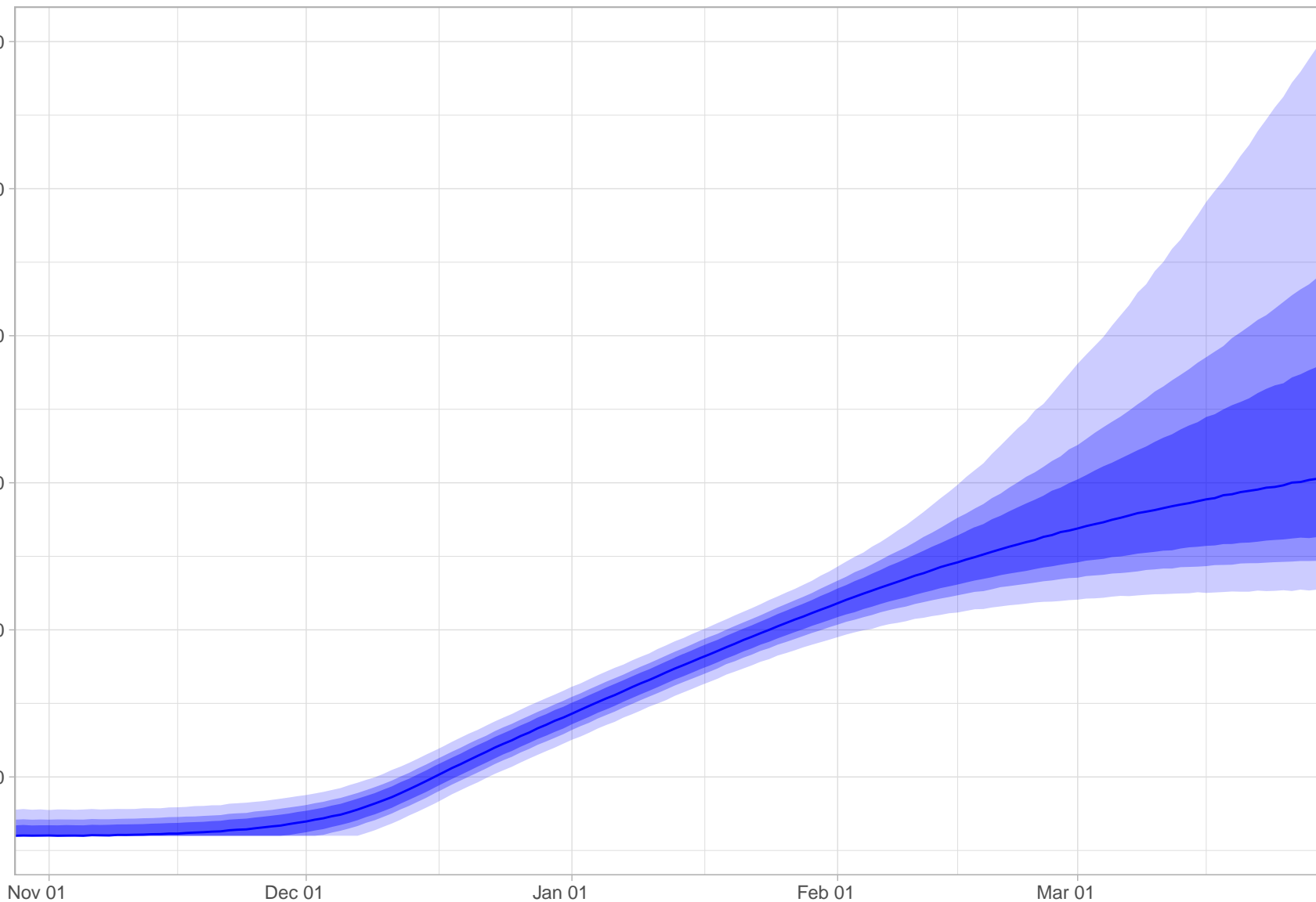
Number of COVID19 Deaths



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

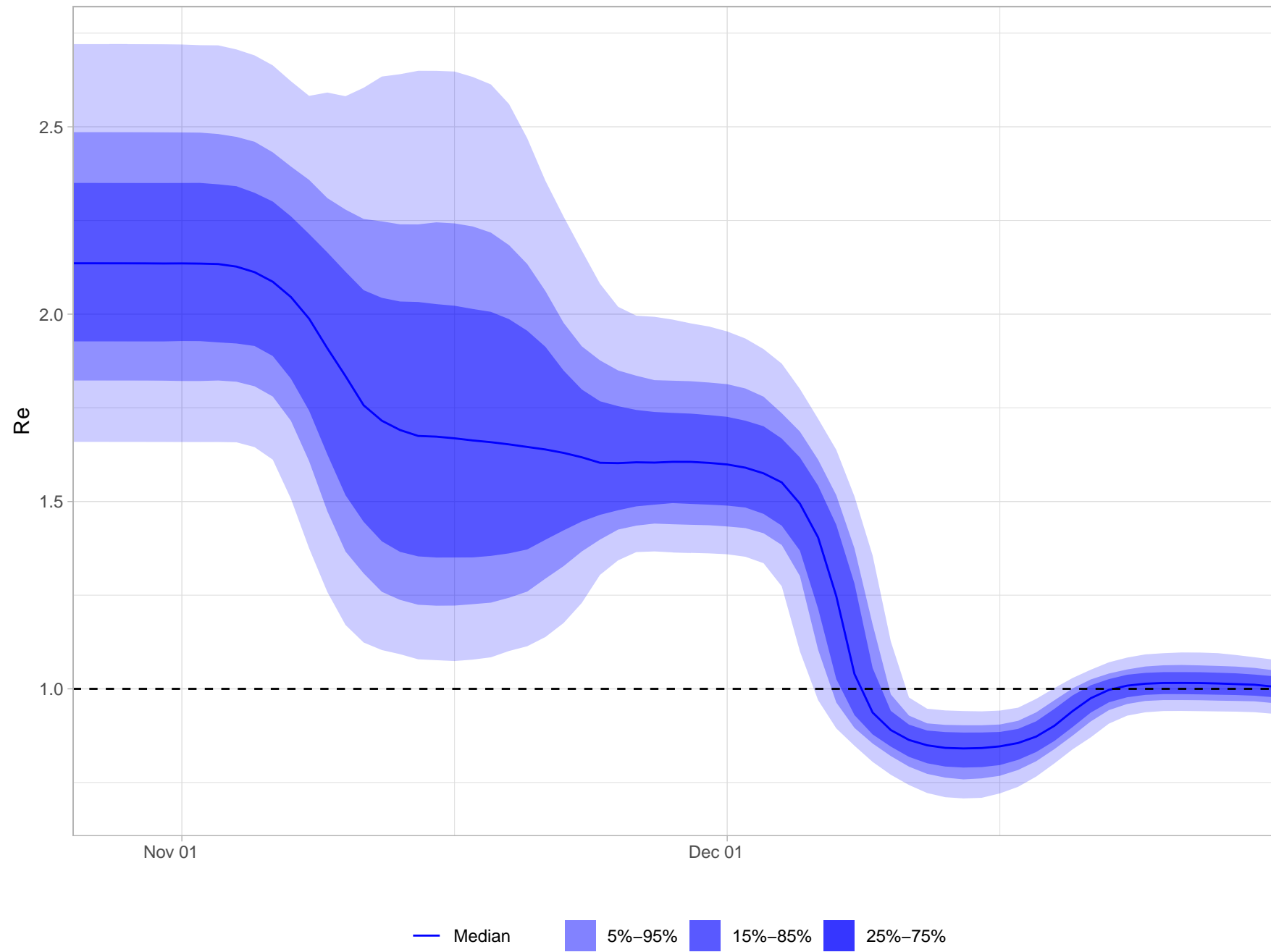
Long Term Death Projection

Number of COVID19 Deaths



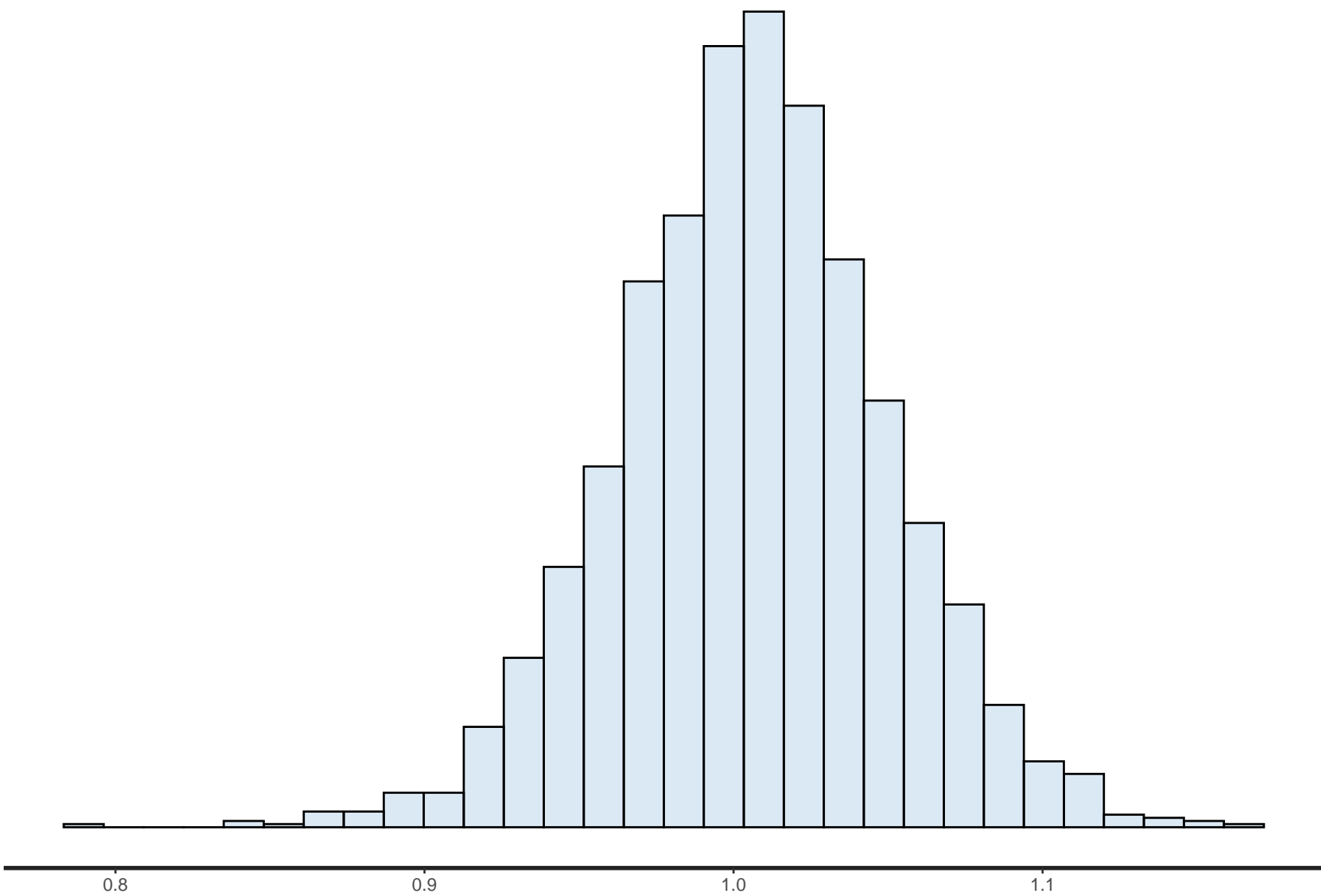
— Median 5%–95% 15%–85% 25%–75%

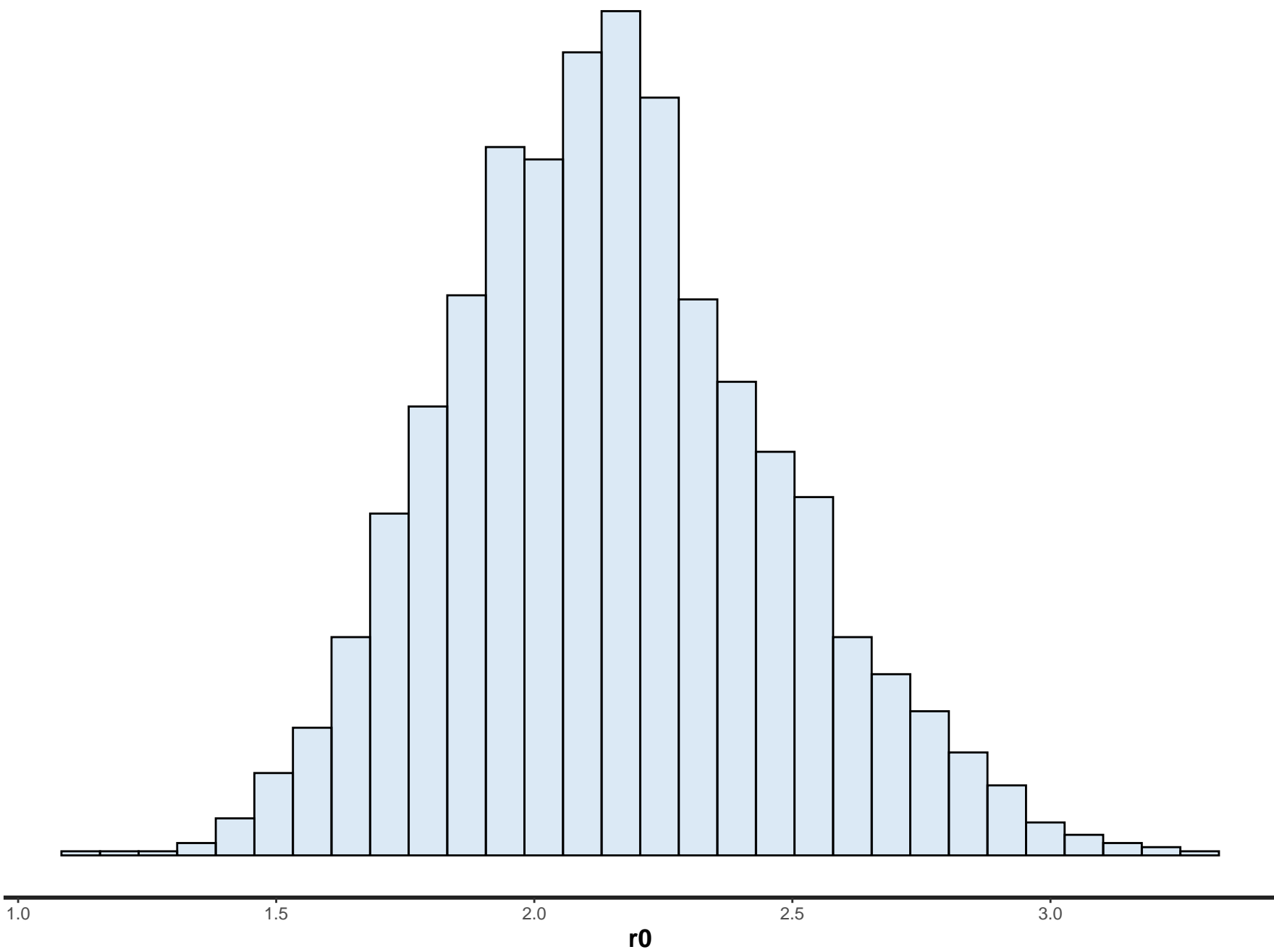
Effective Reproduction Number

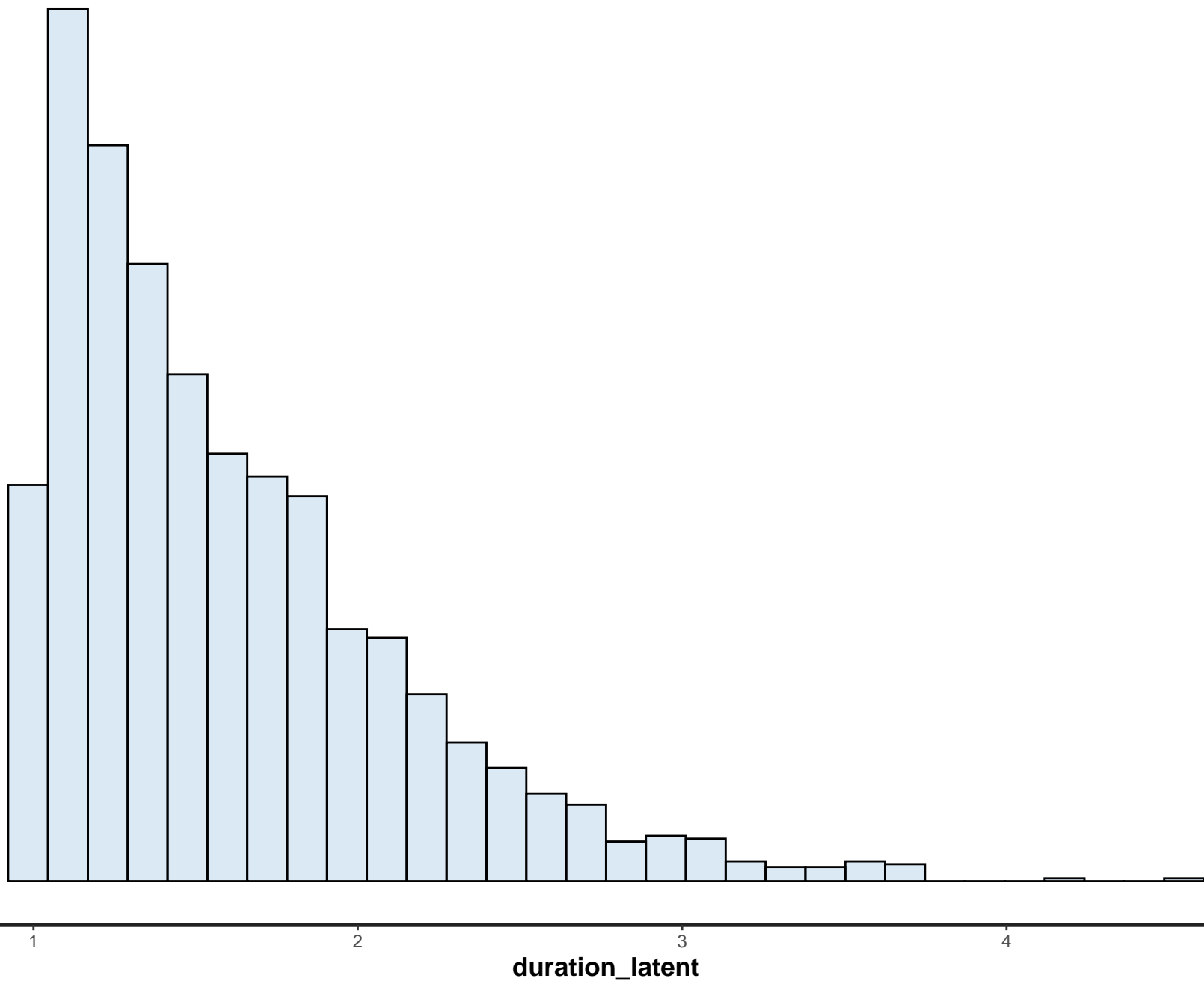


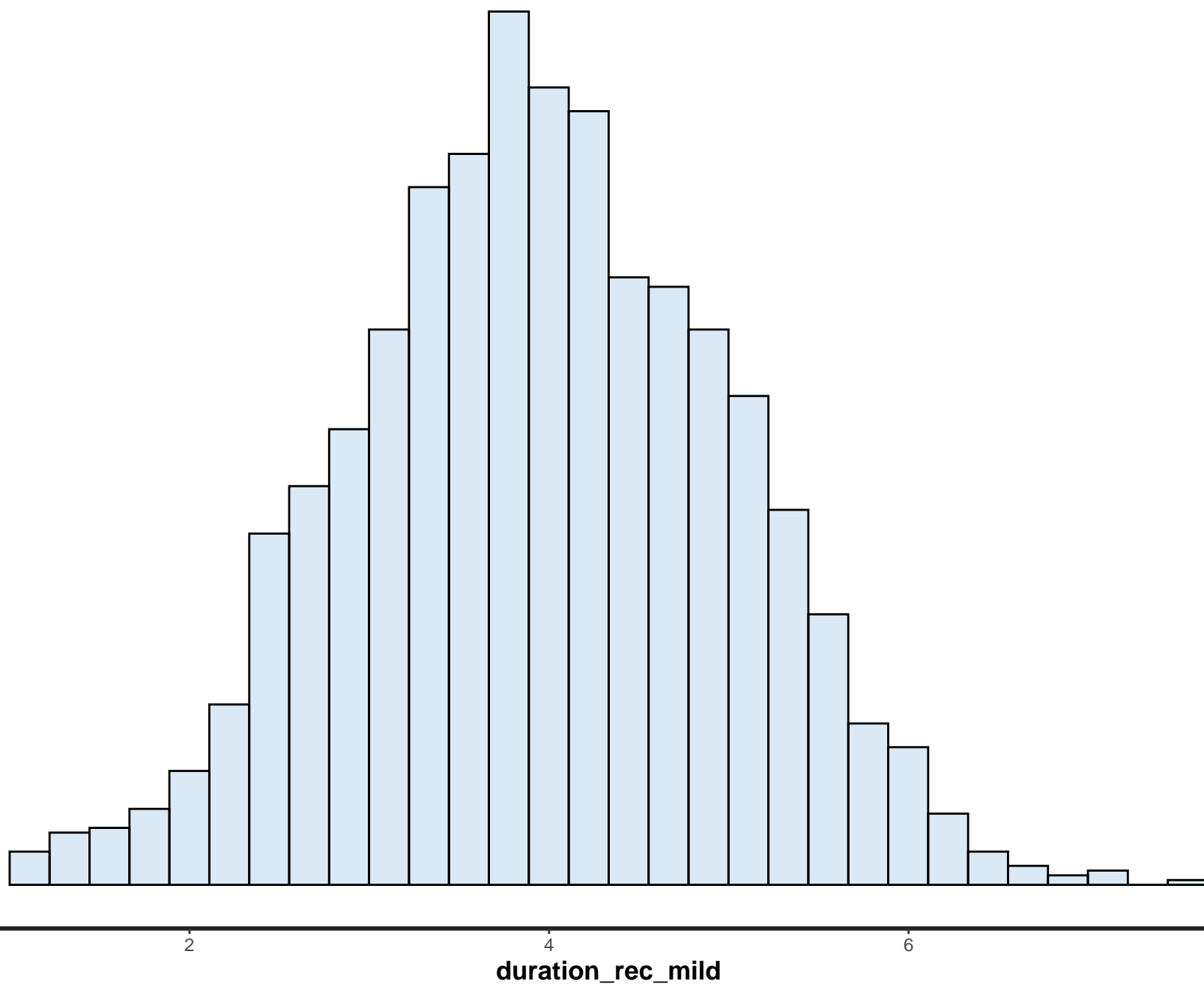
Rt as of 2020-12-31

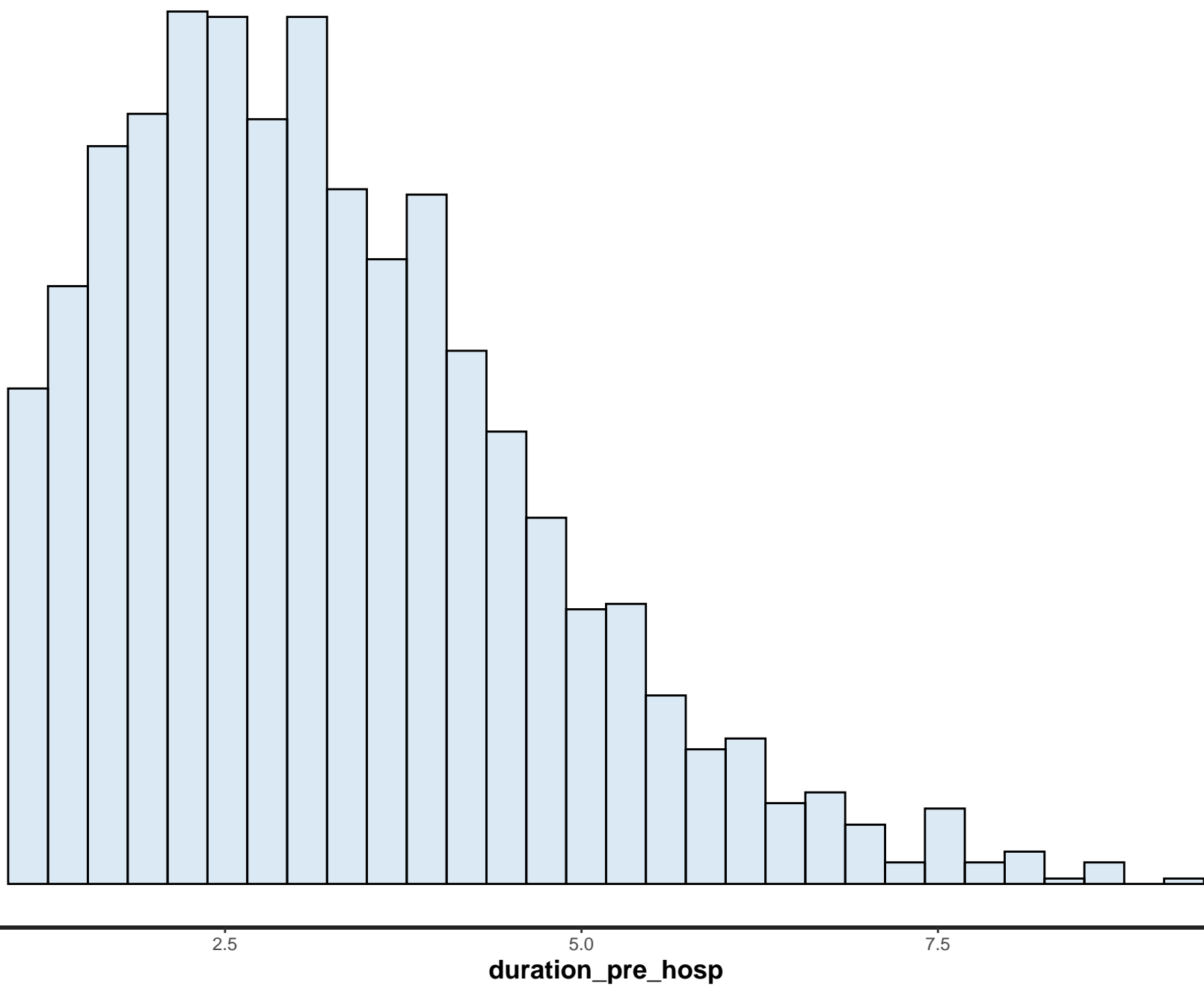
5% 10% 25% 50% 75% 90% 95%
0.93 0.95 0.98 1.01 1.03 1.06 1.08

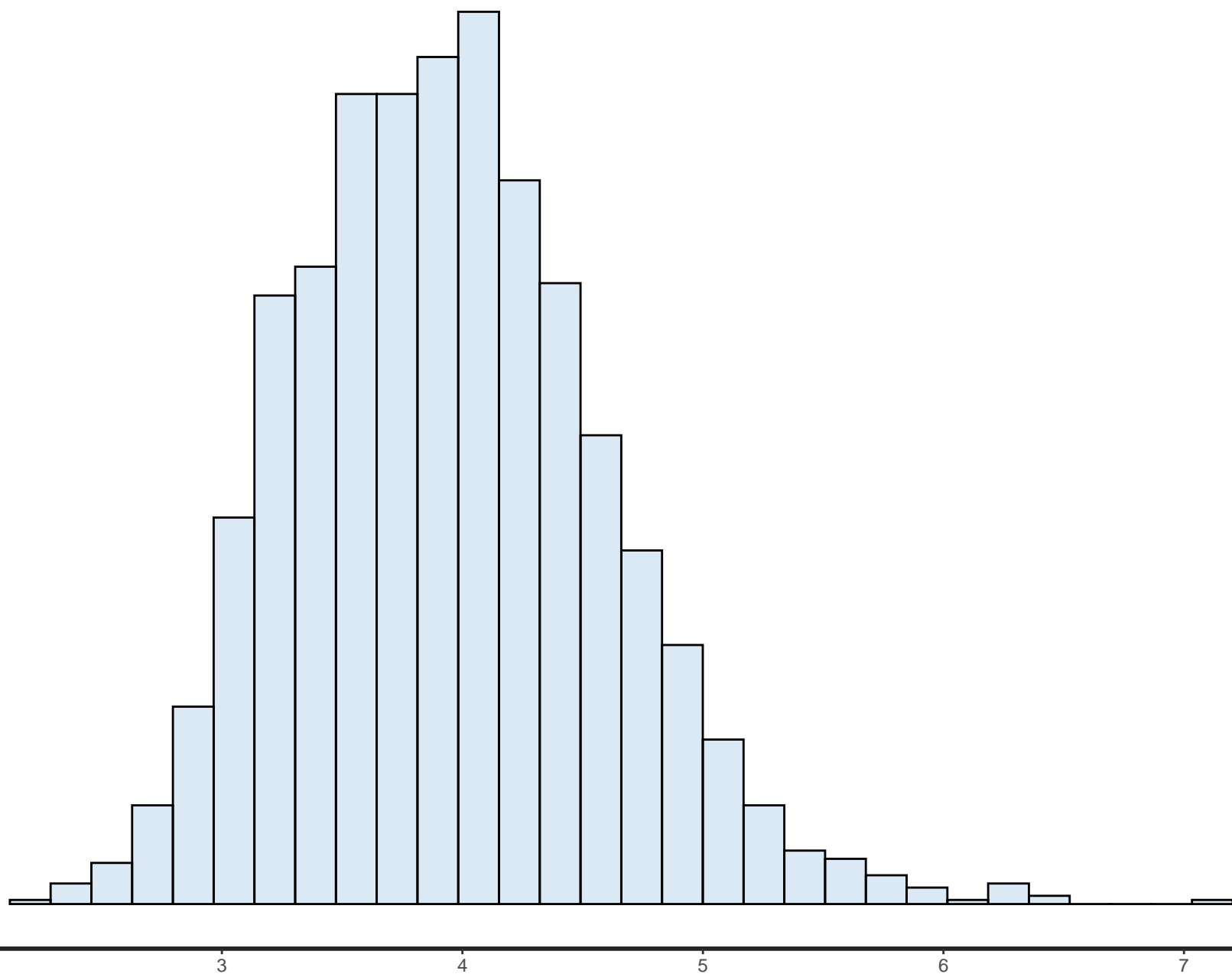


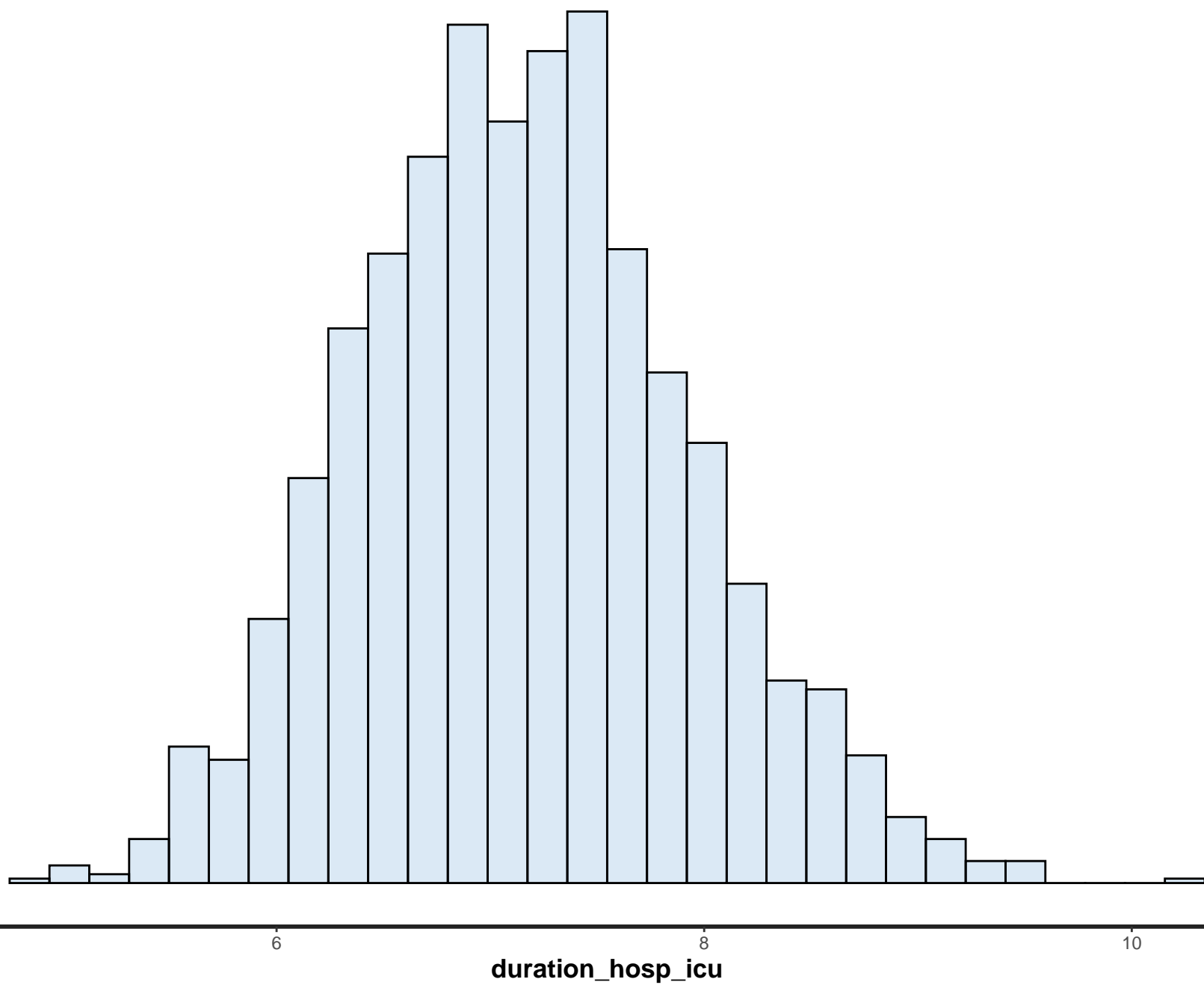


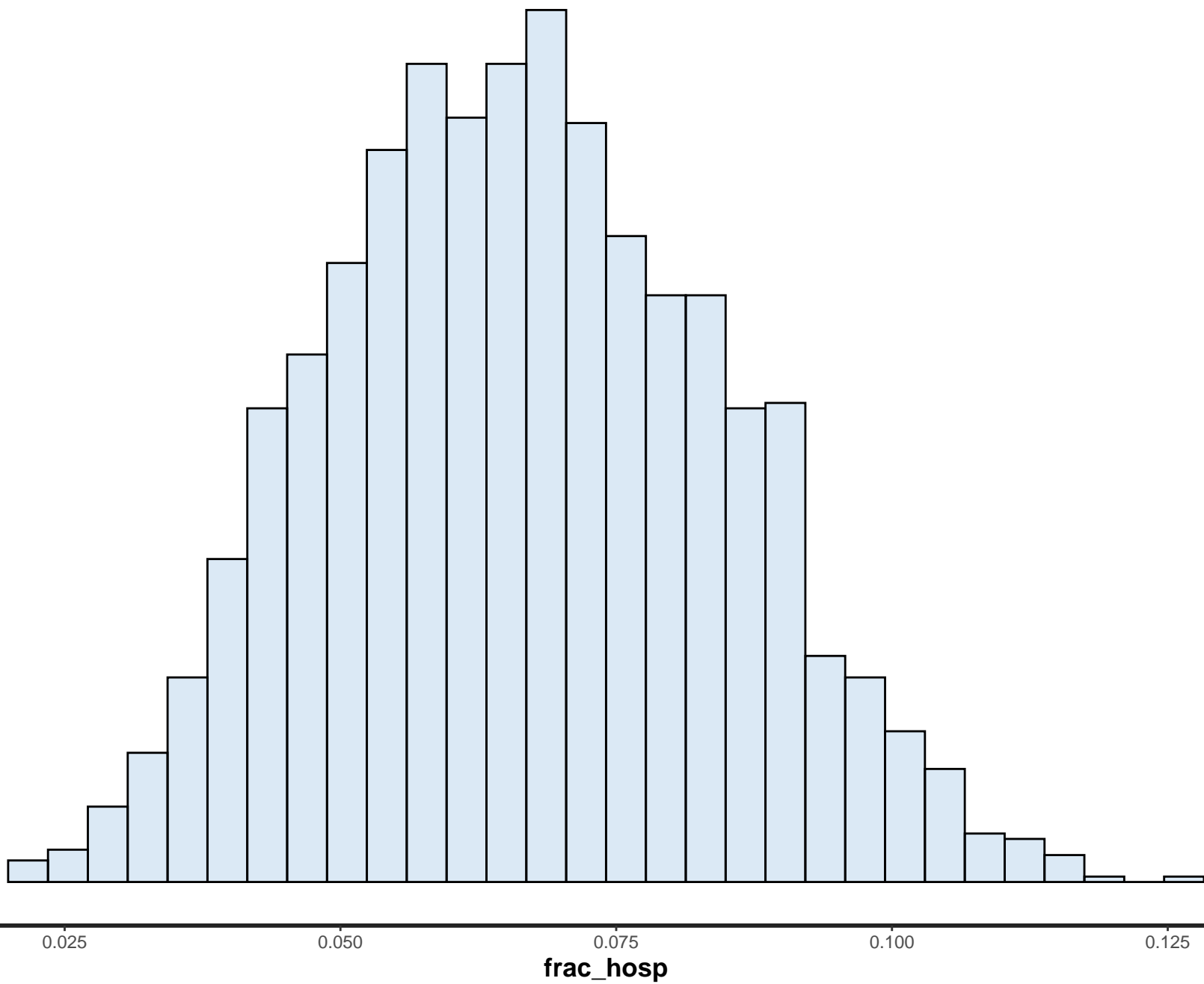


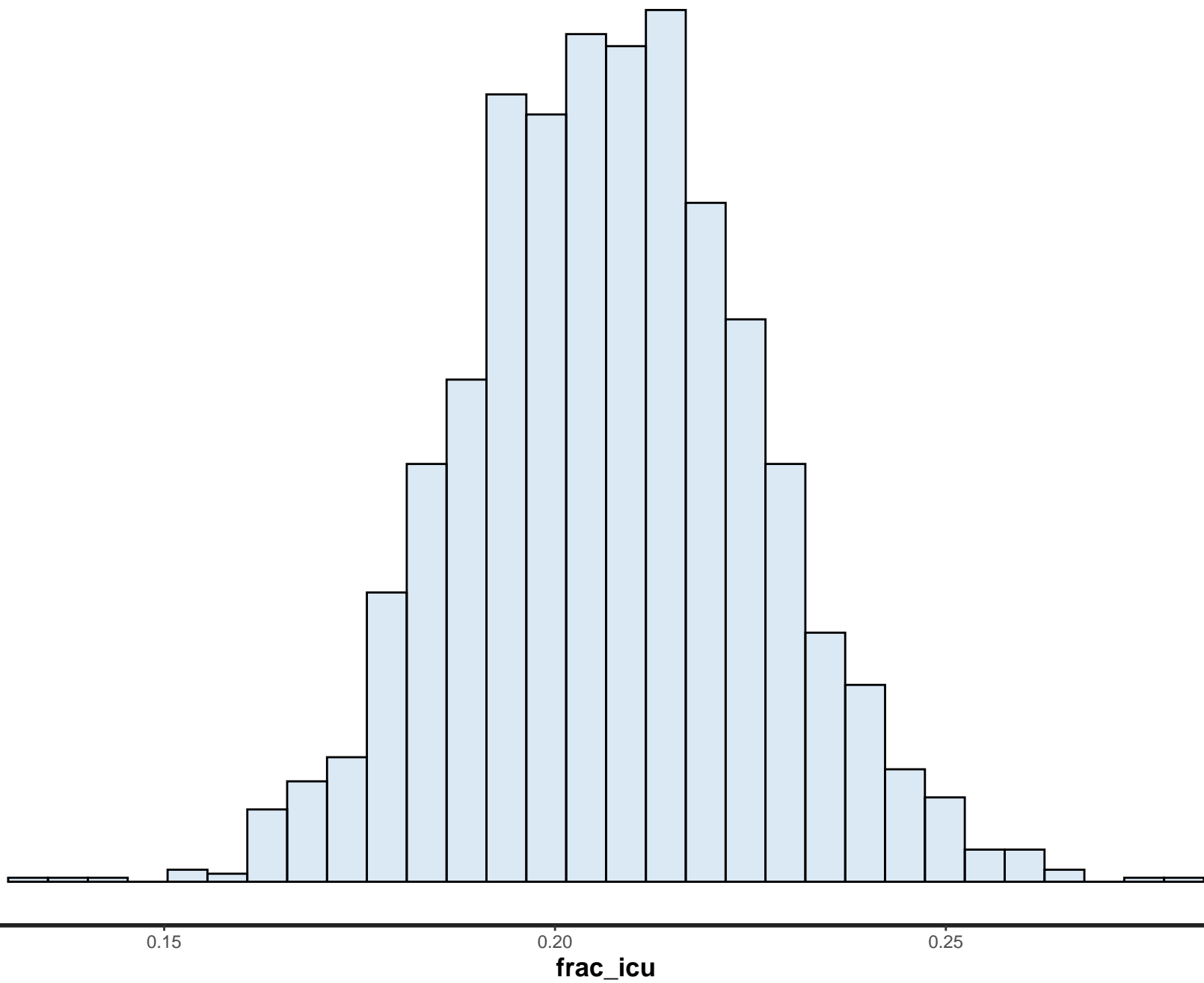


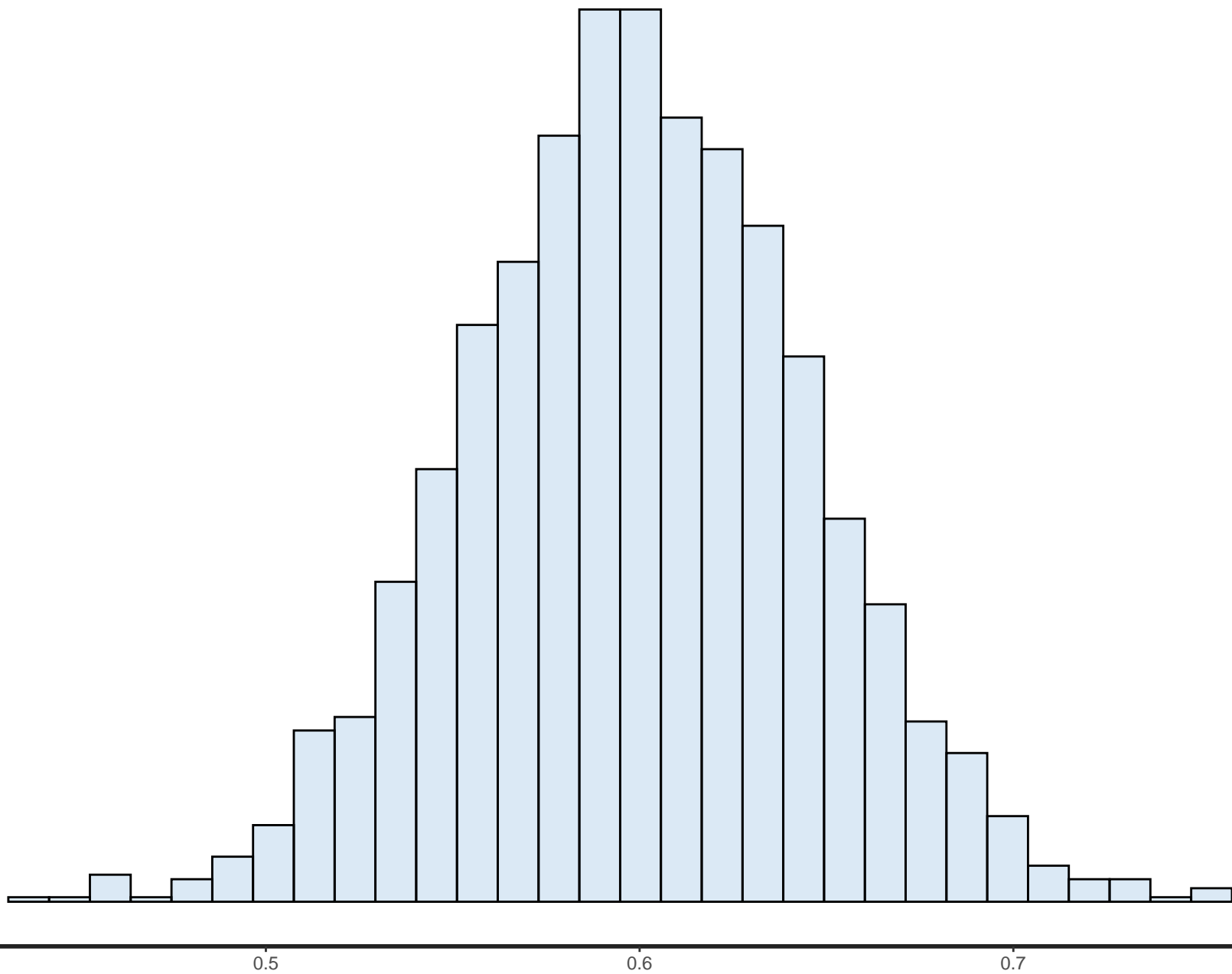




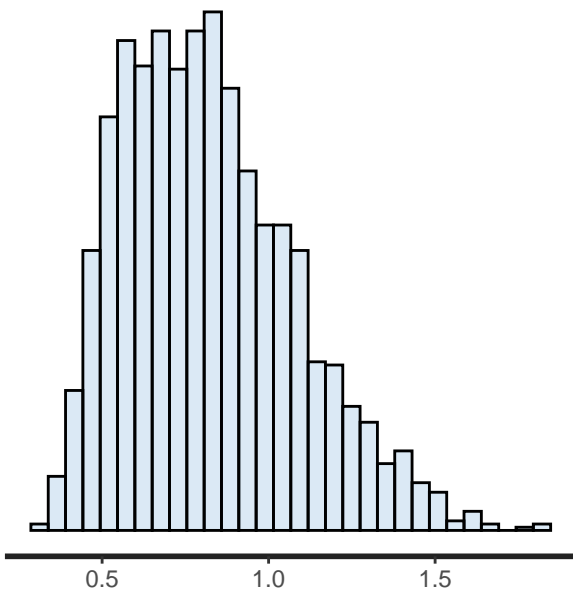




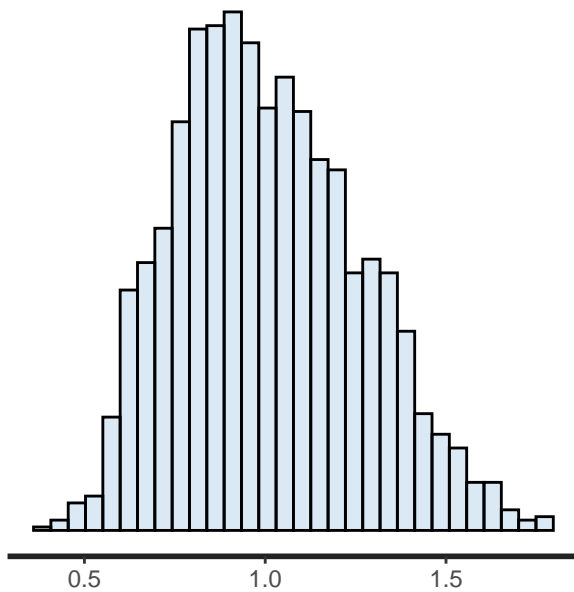




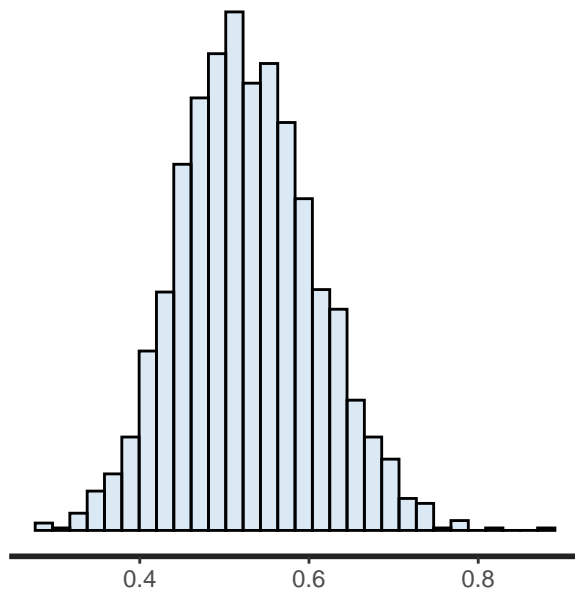
beta_multiplier[1]



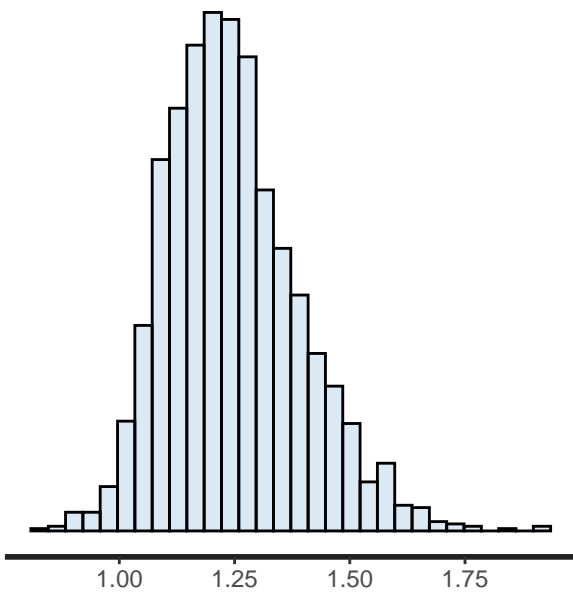
beta_multiplier[2]



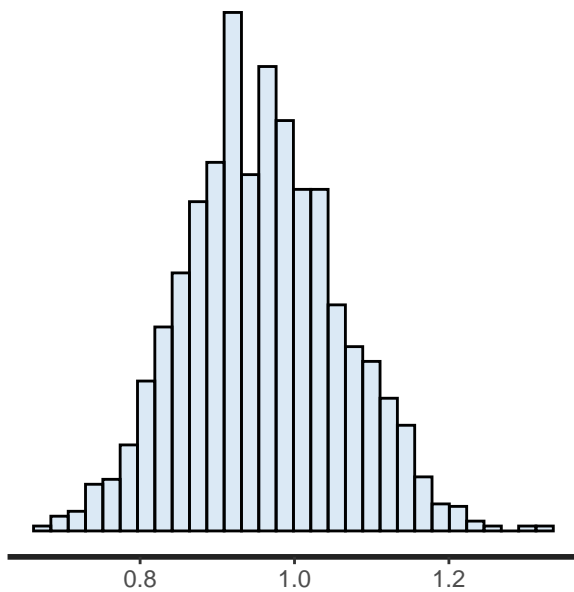
beta_multiplier[3]



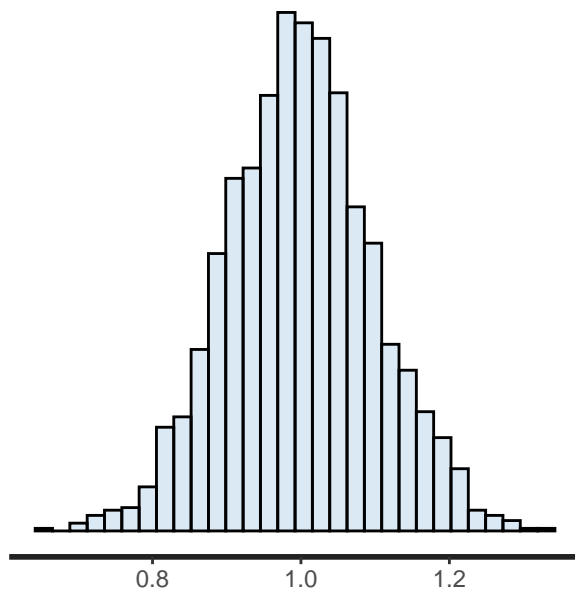
beta_multiplier[4]



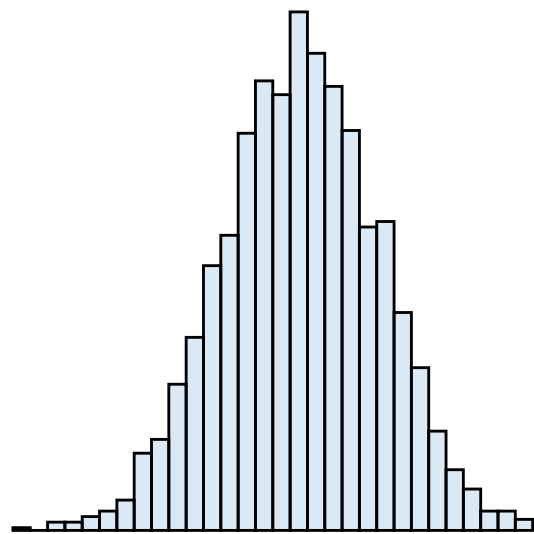
beta_multiplier[5]



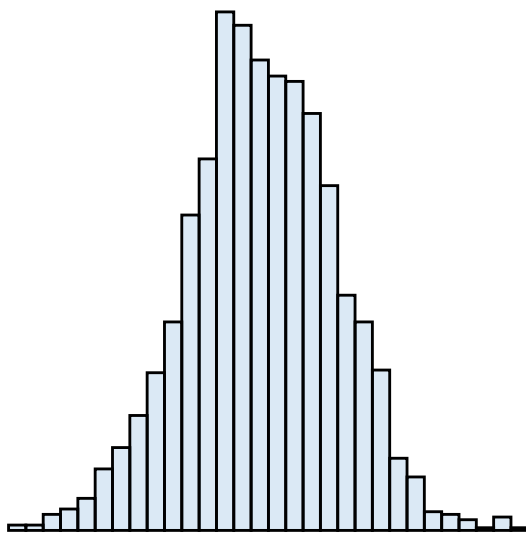
beta_multiplier[6]



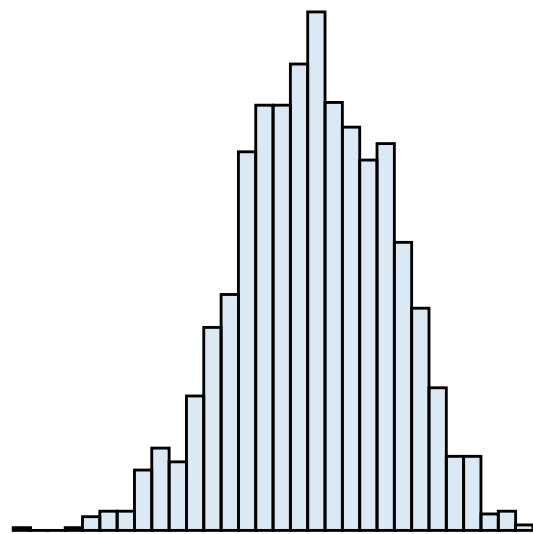
t_inter[1]



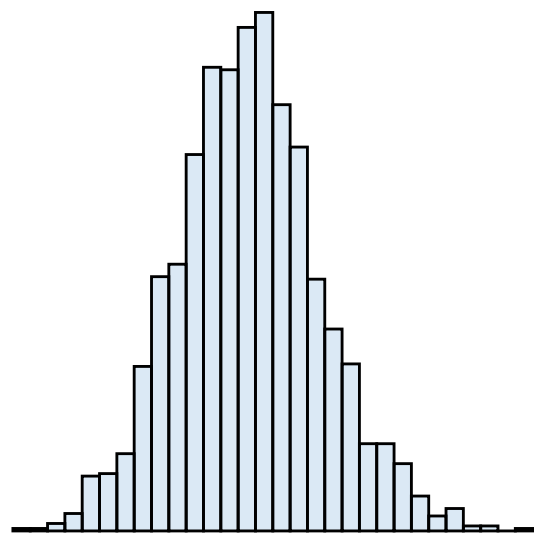
t_inter[2]



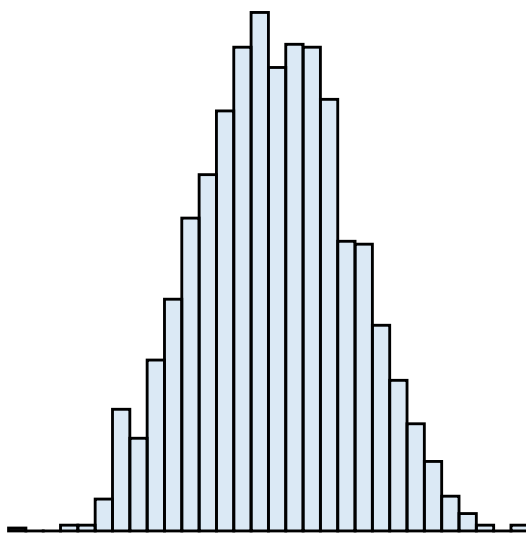
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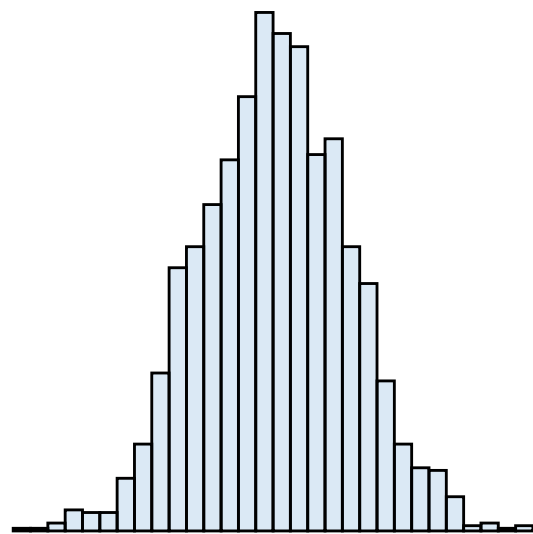
t_inter[4]



t_inter[5]



t_inter[6]



Dec 14

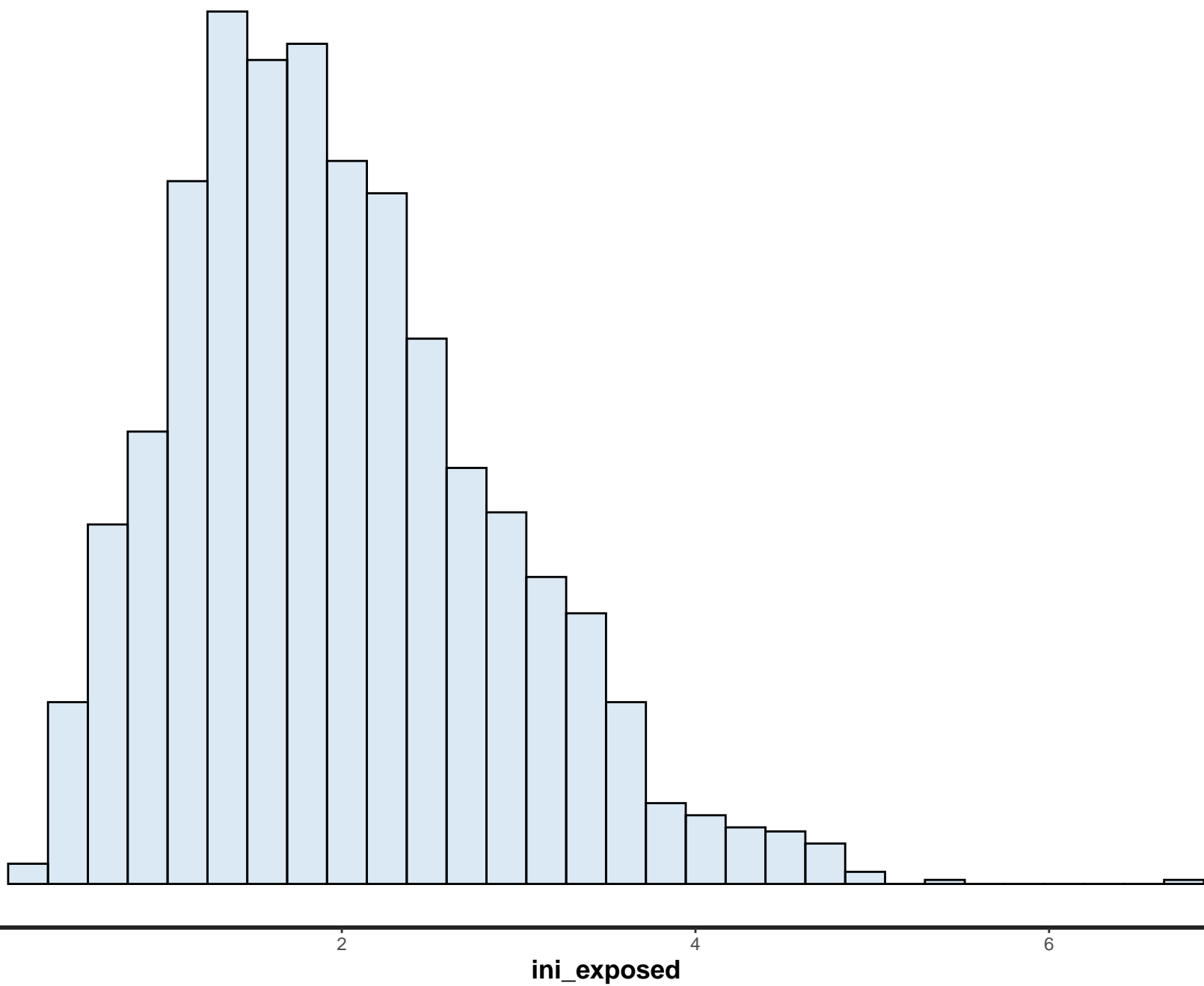
Dec 21

Dec 28

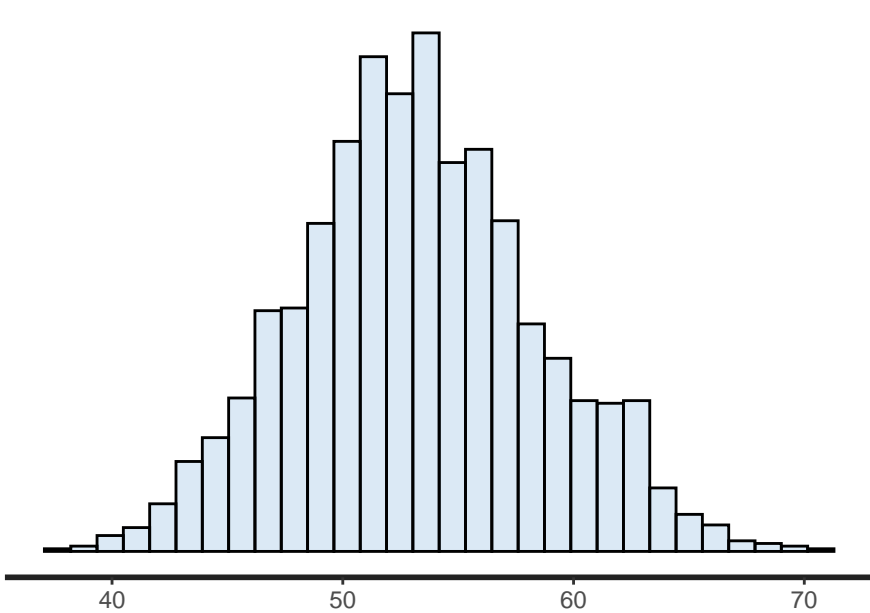
Jan 04

Jan 11

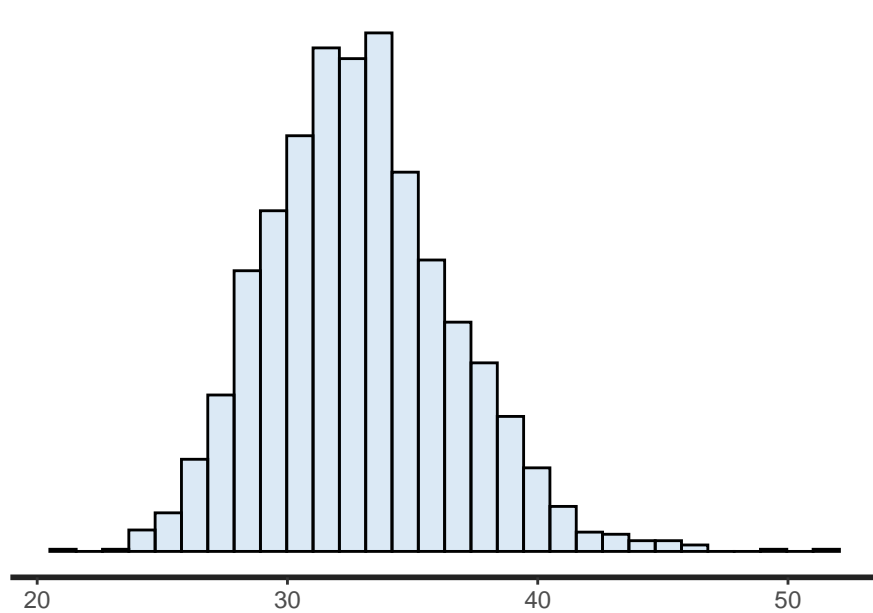
Jan 18



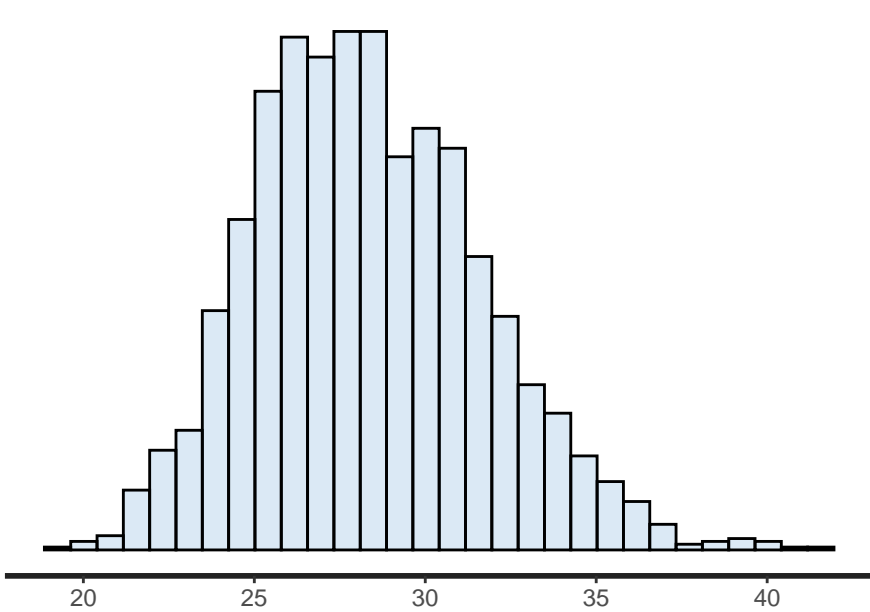
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

