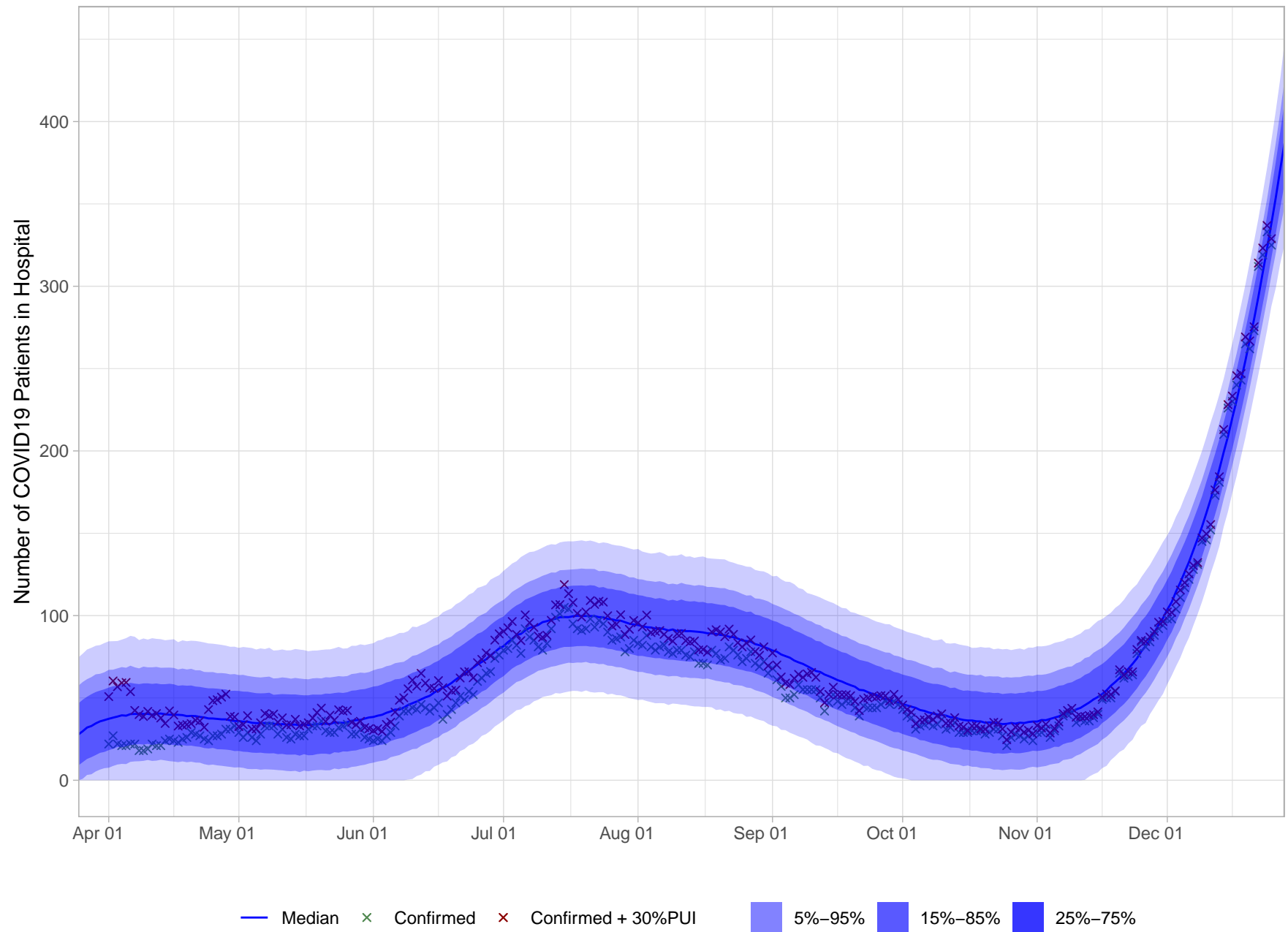
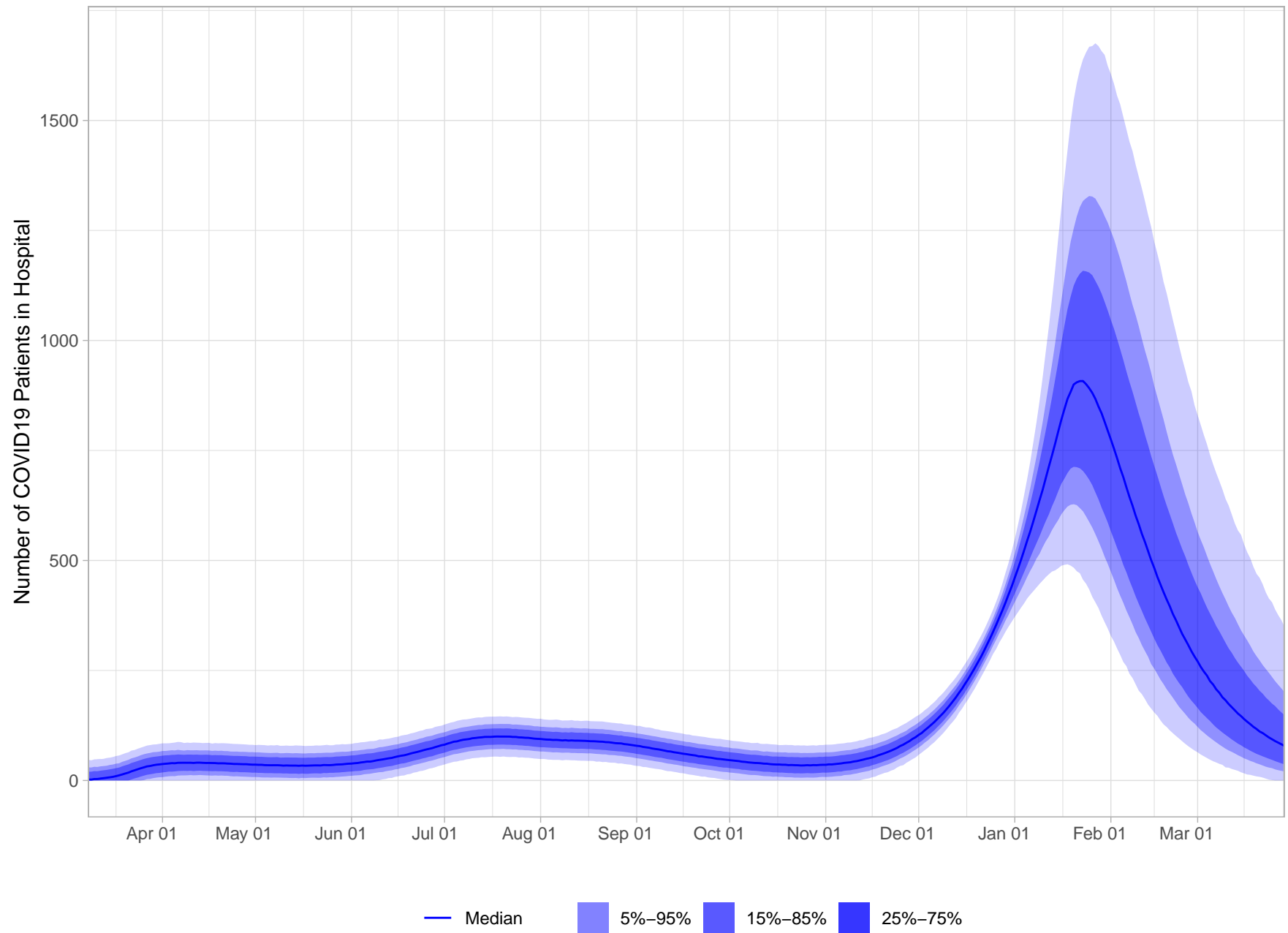


Short Term Hospitalization Projection

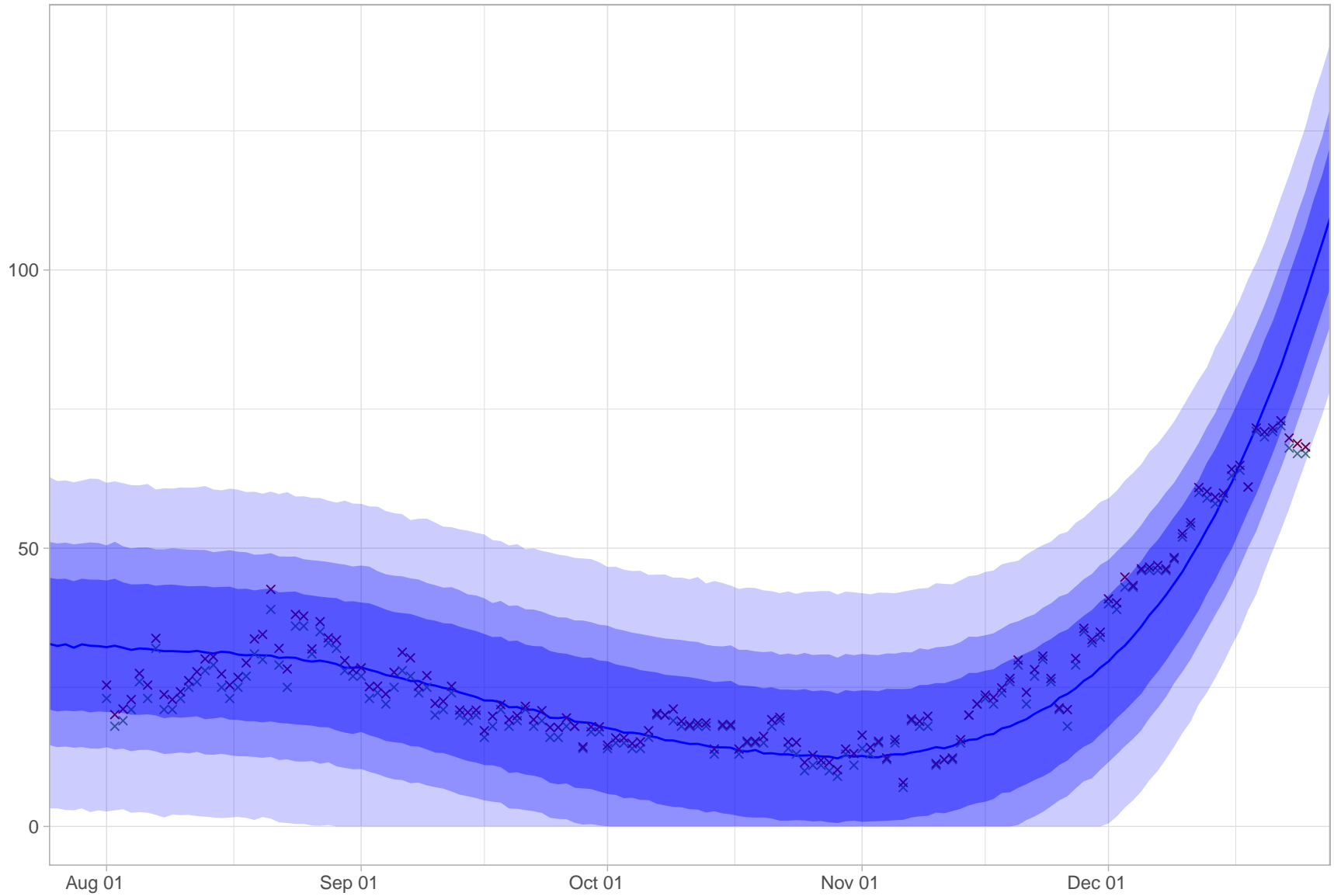


Long Term Hospitalization Projection



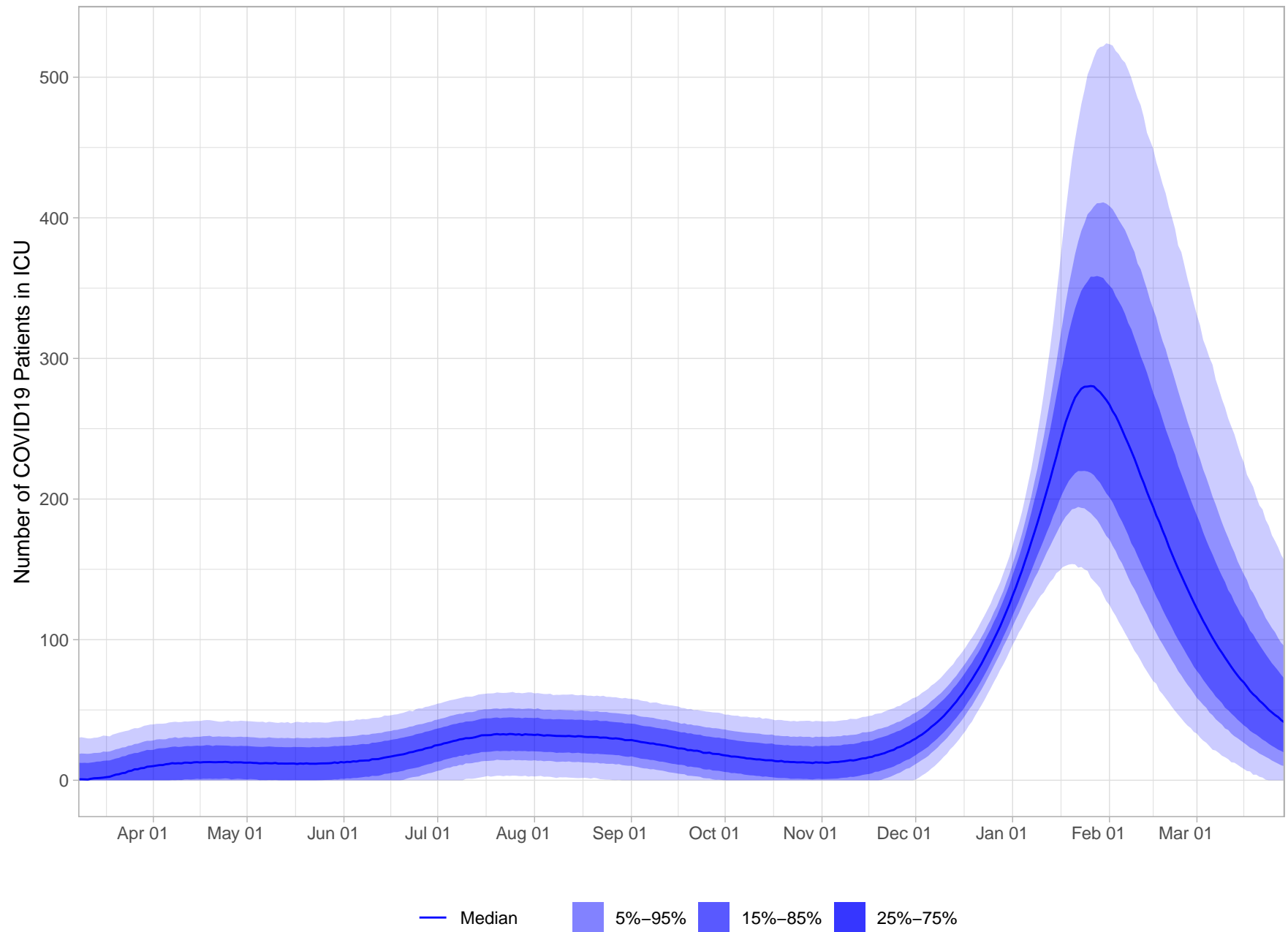
Short Term ICU Projection

Number of COVID19 Patients in ICU



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

Long Term ICU Projection



Short Term Death Projection

Number of COVID19 Deaths

200

100

Aug 01

Sep 01

Oct 01

Nov 01

Dec 01

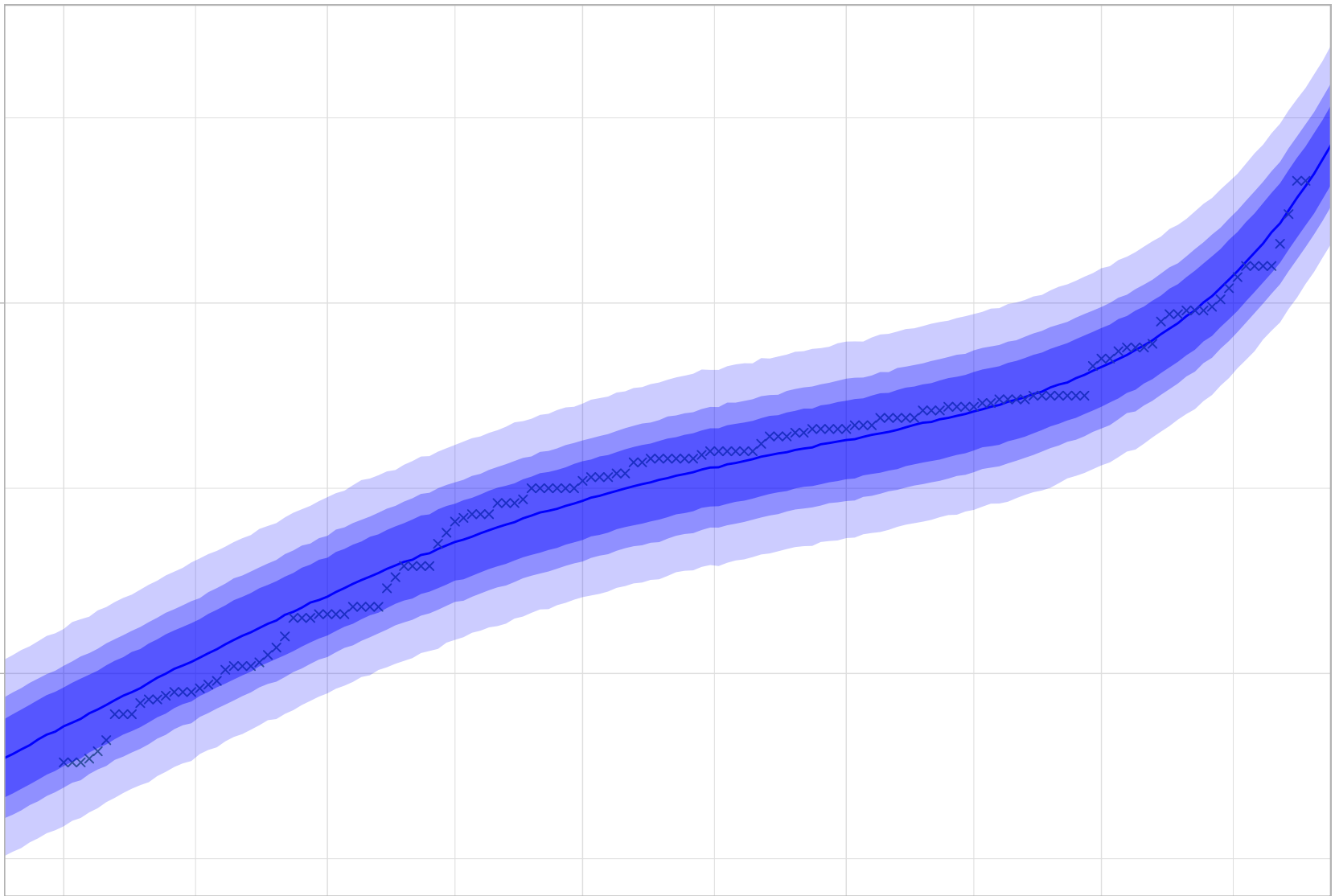
— Median

× Confirmed

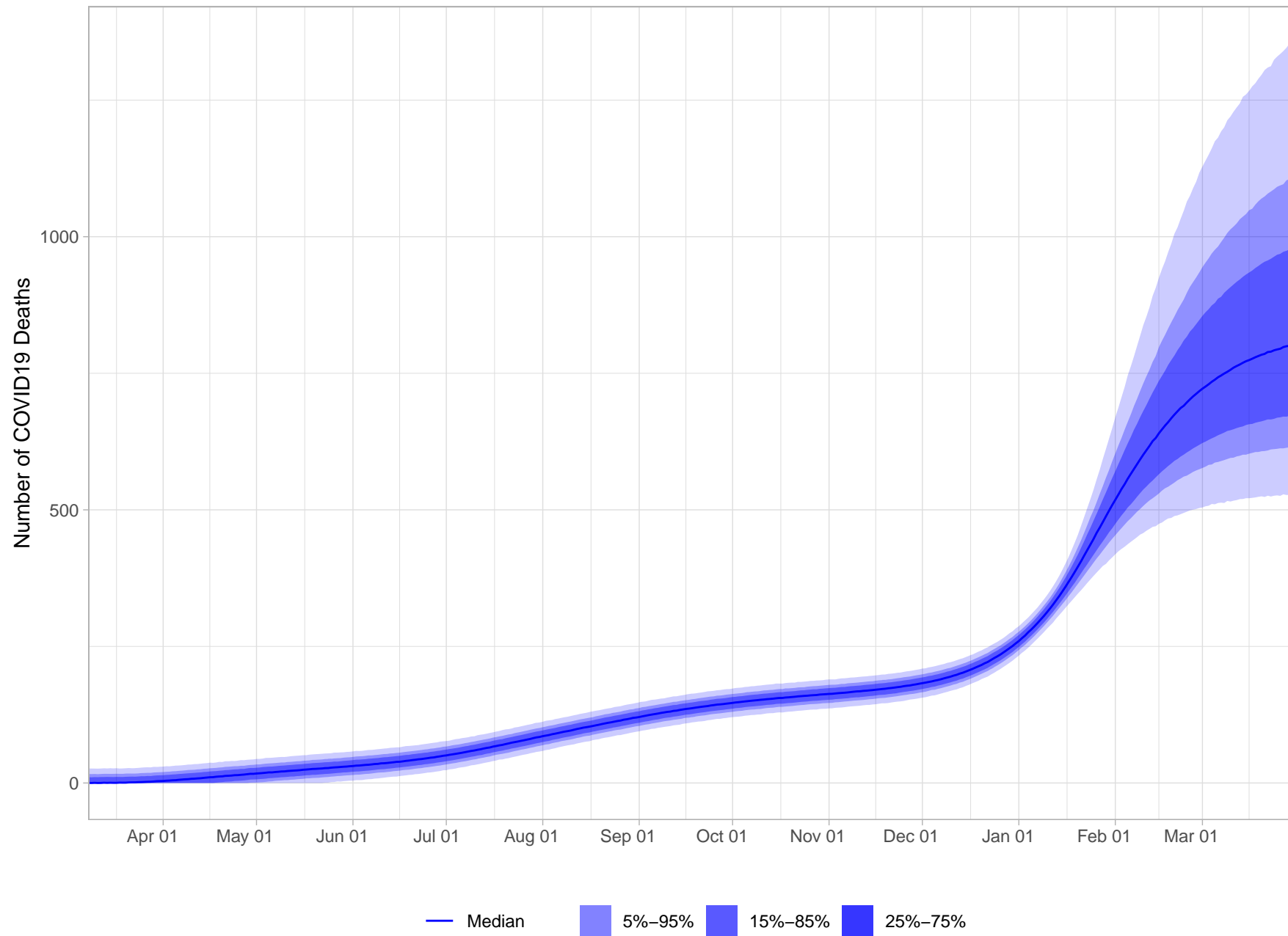
5%–95%

15%–85%

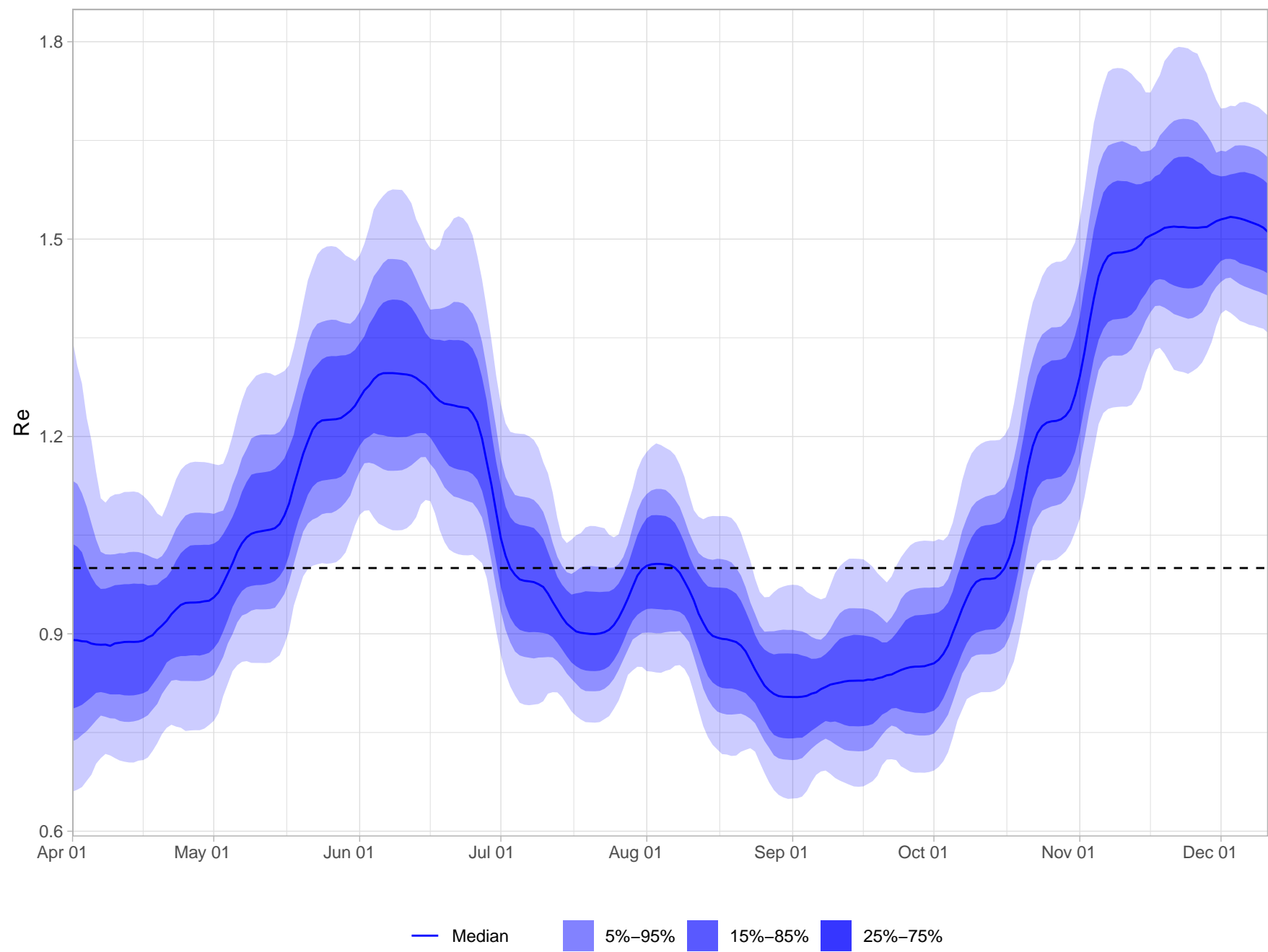
25%–75%



Long Term Death Projection

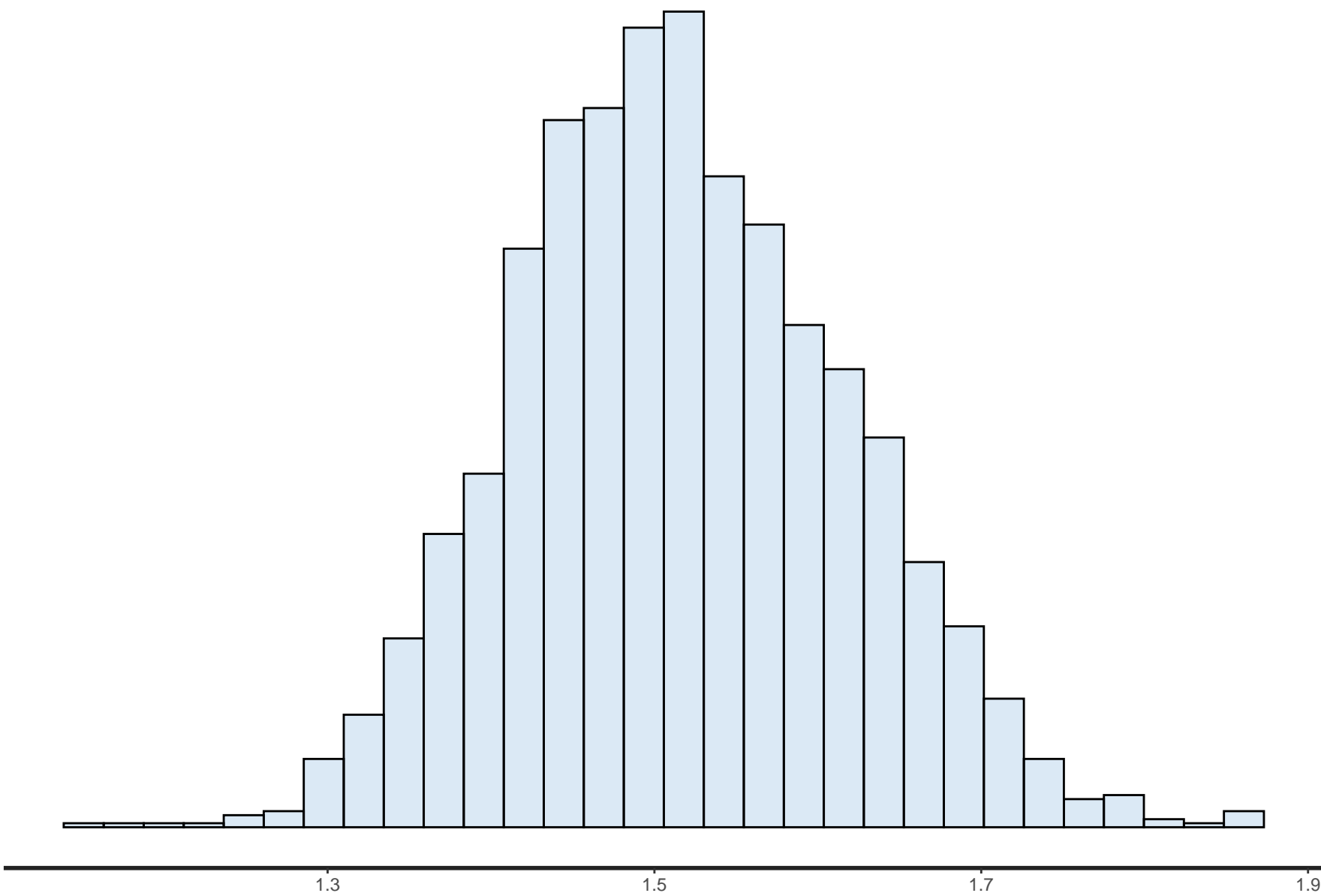


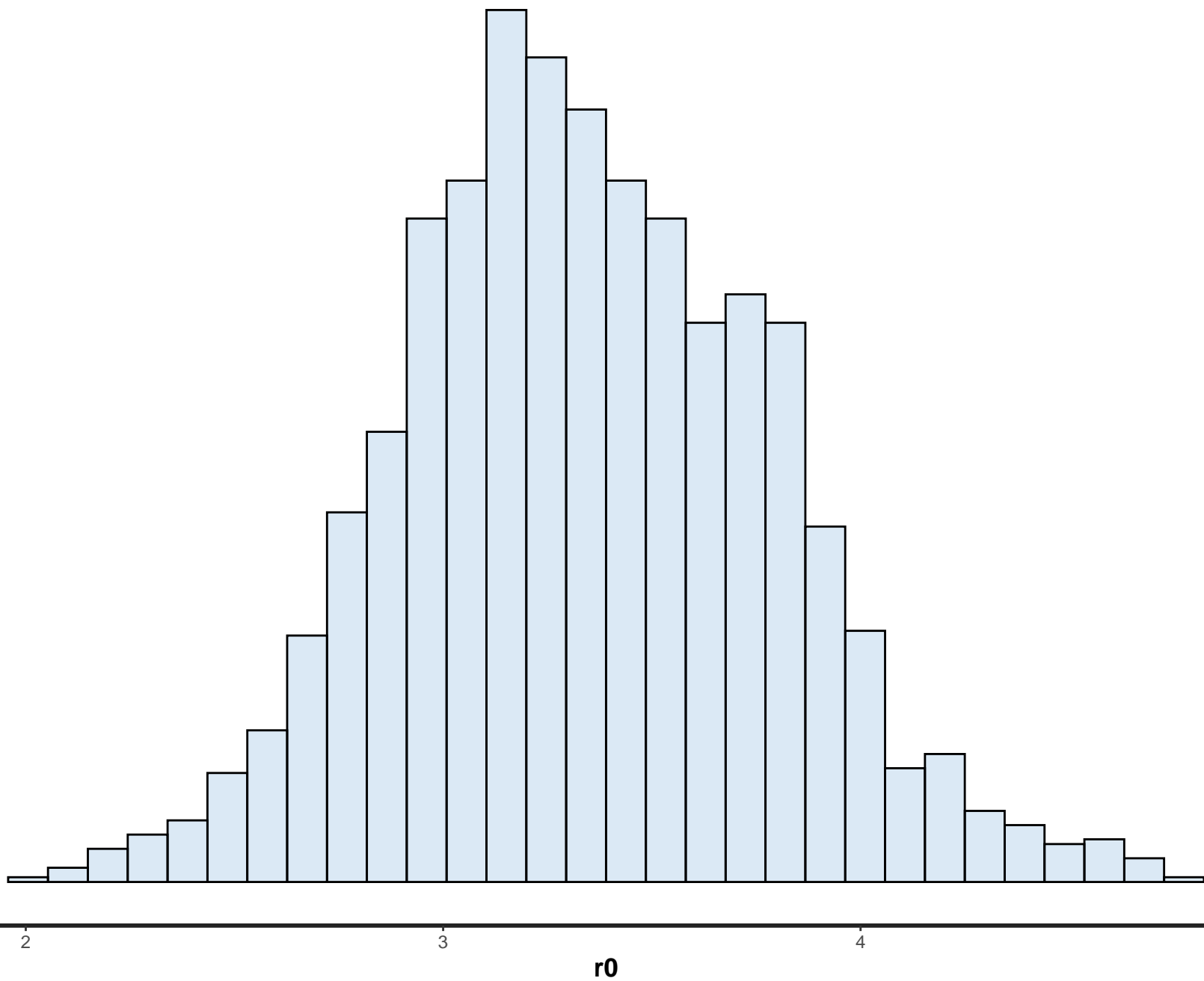
Effective Reproduction Number

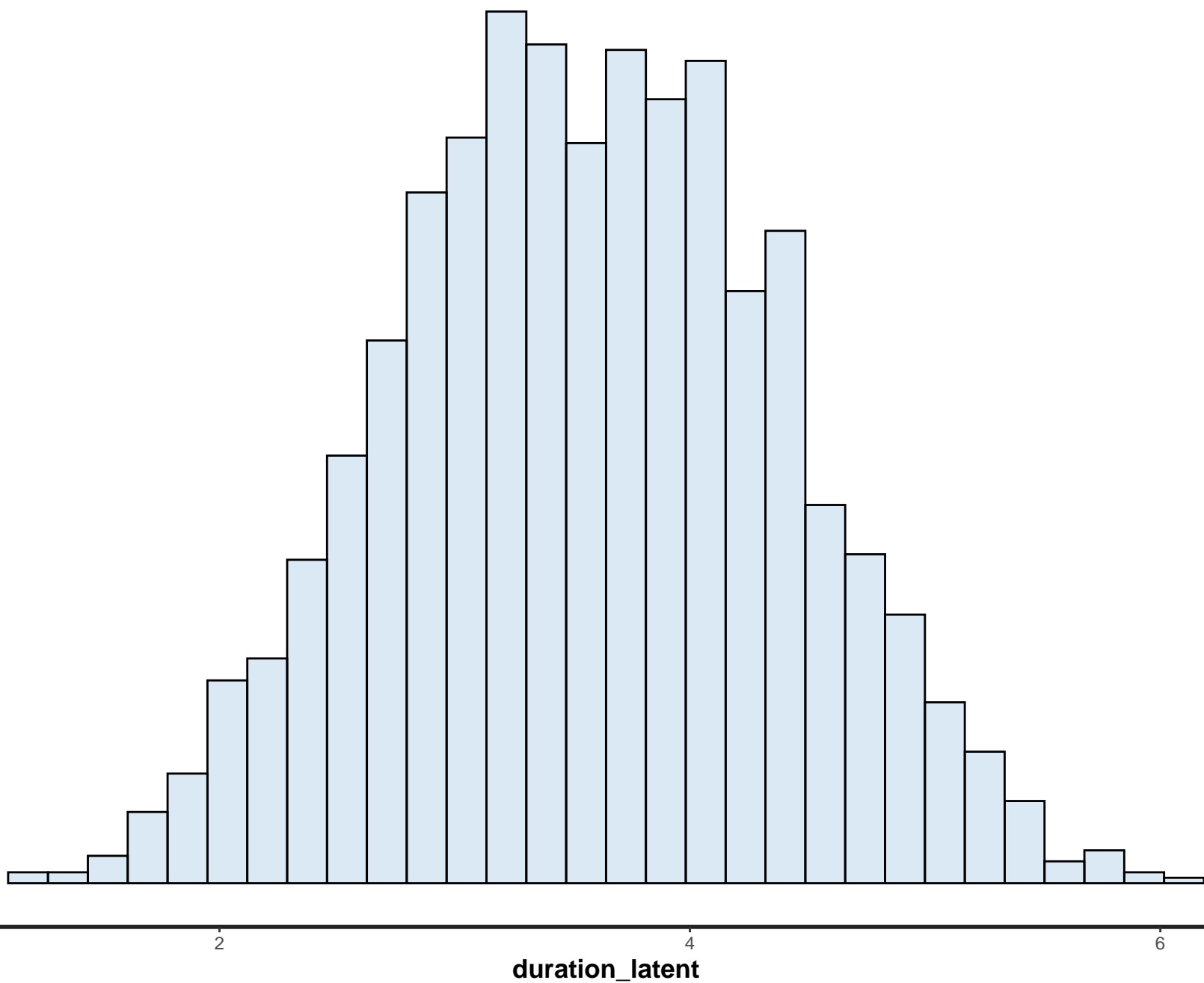


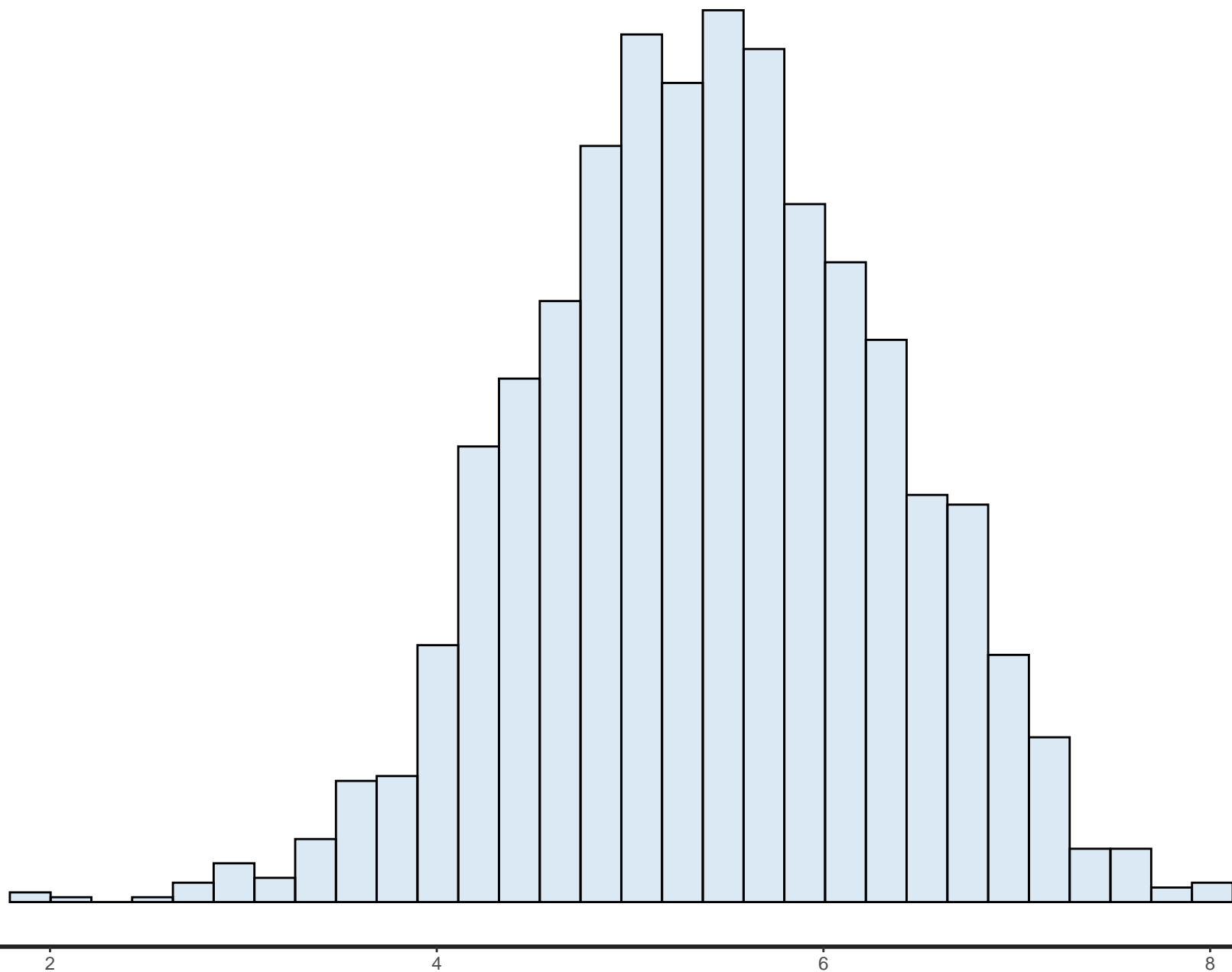
Rt as of 2020-12-11

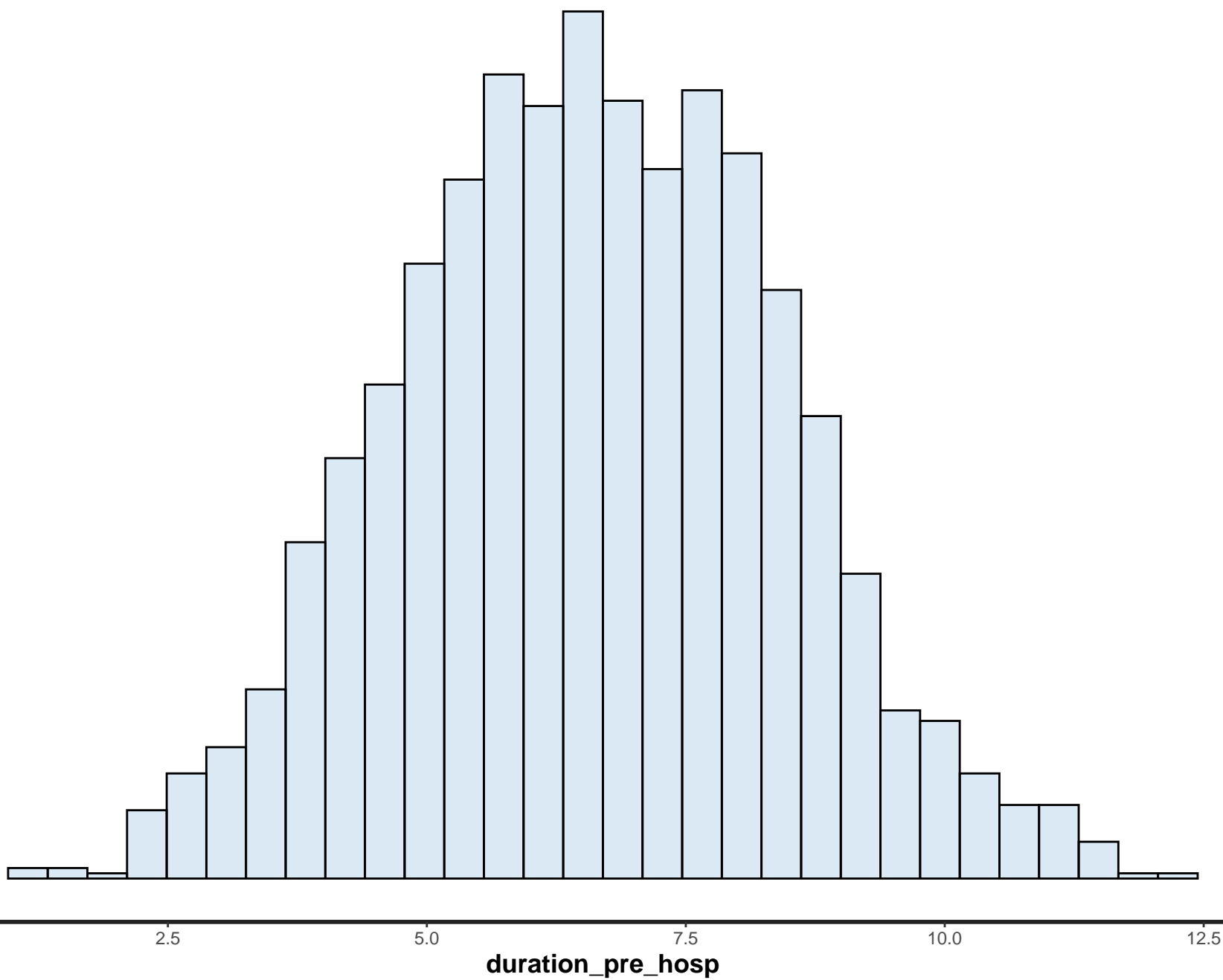
5%	10%	25%	50%	75%	90%	95%
1.36	1.39	1.45	1.51	1.58	1.65	1.69

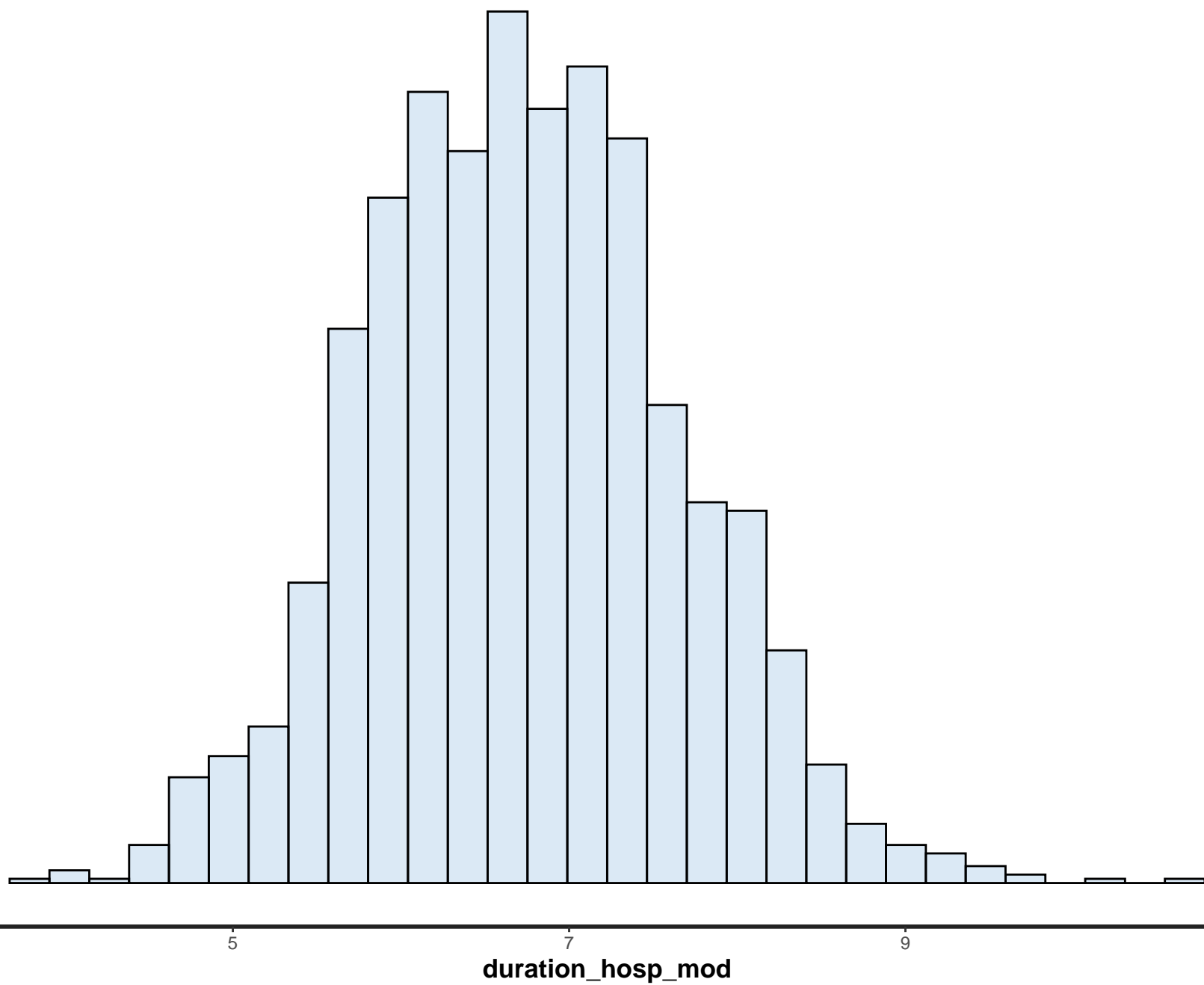


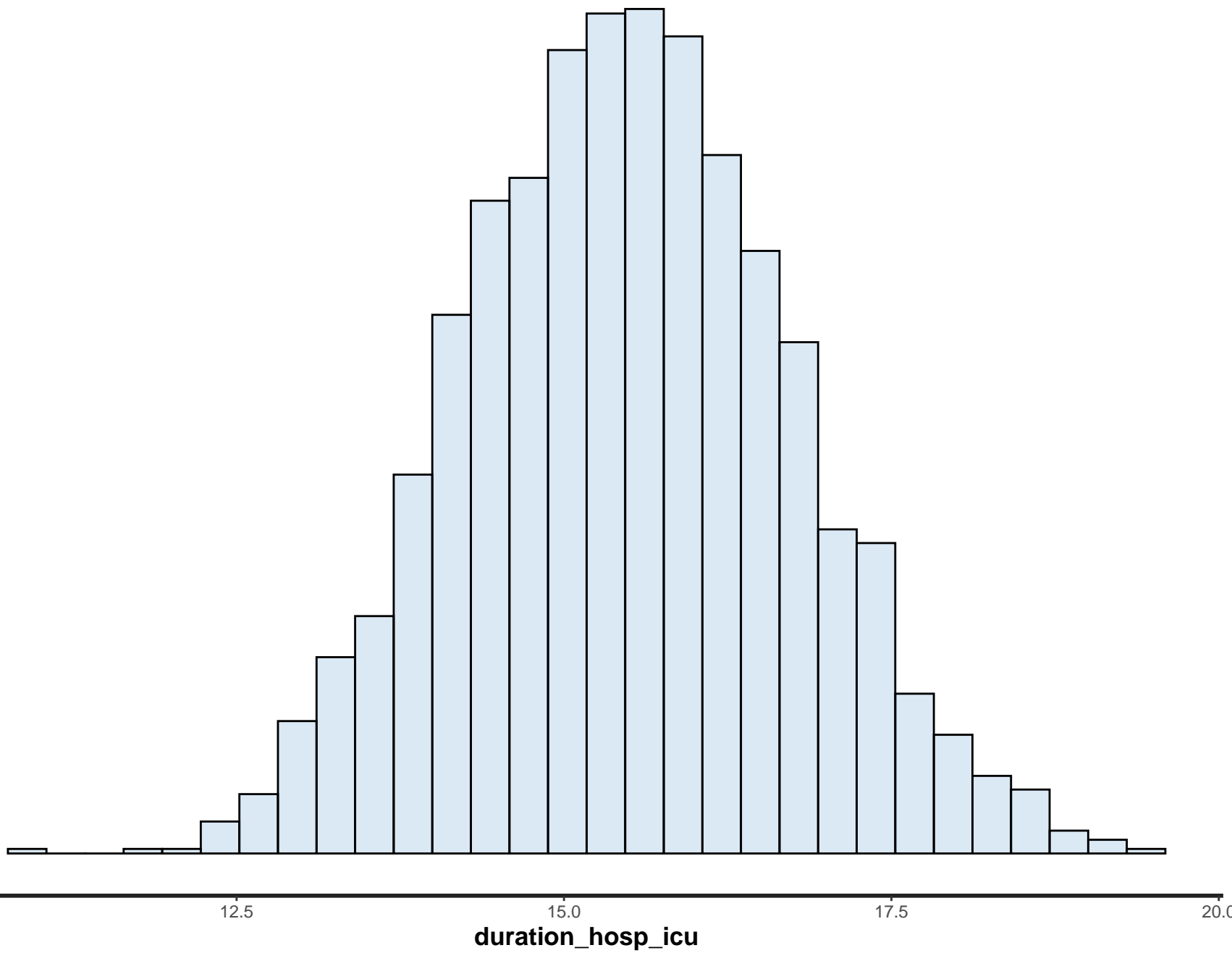


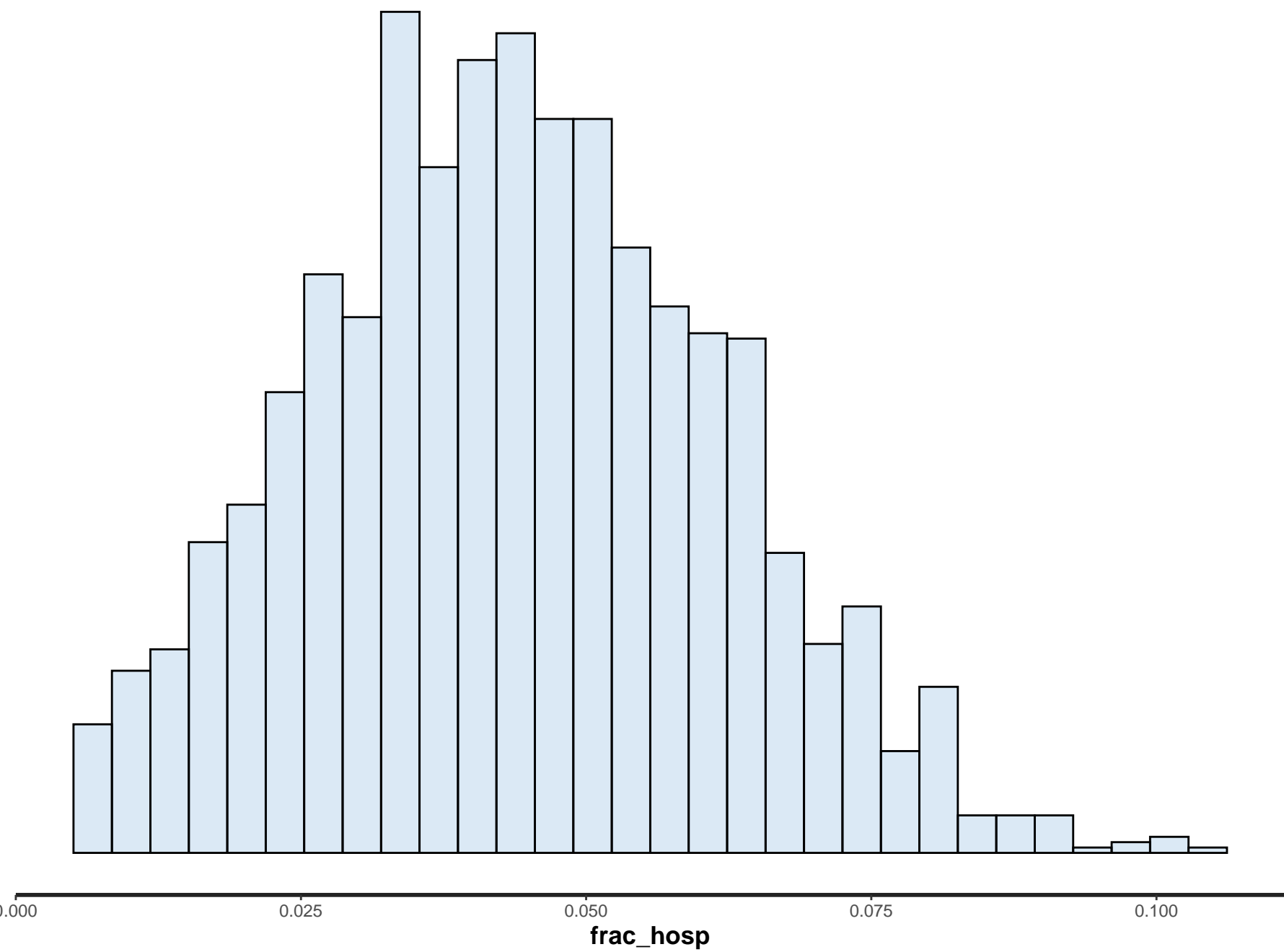


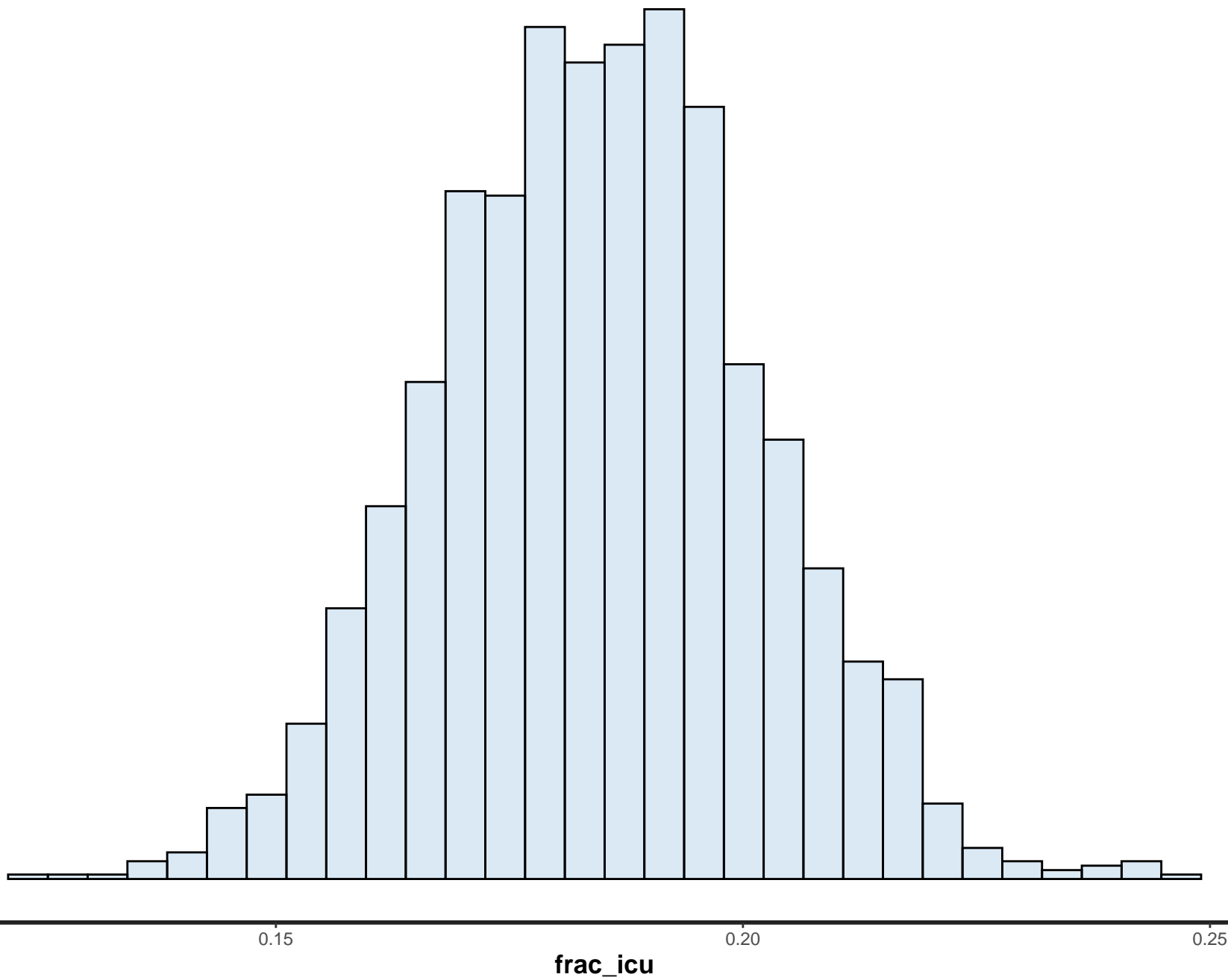


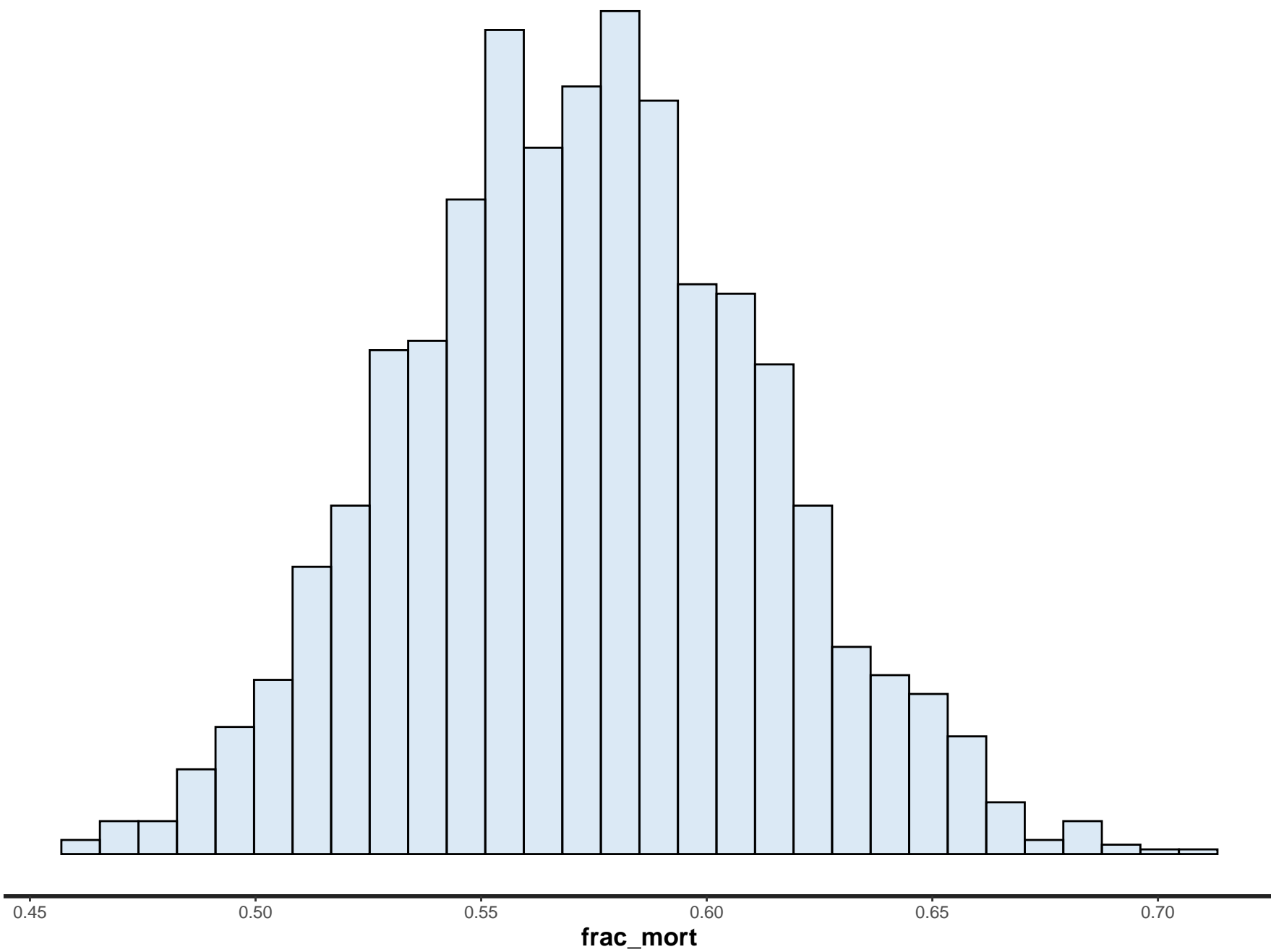




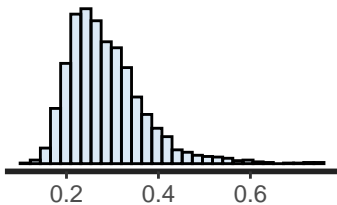




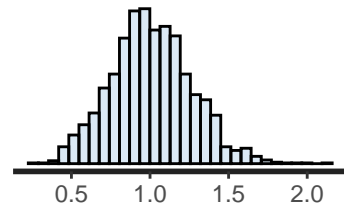




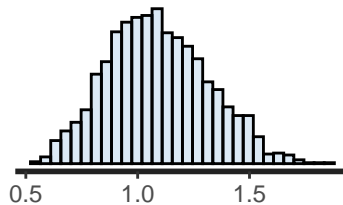
beta_multiplier[1]



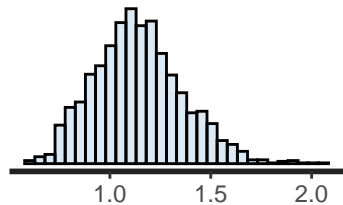
beta_multiplier[2]



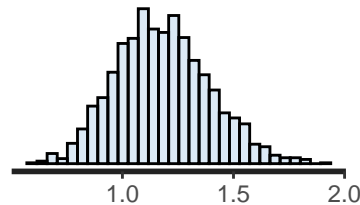
beta_multiplier[3]



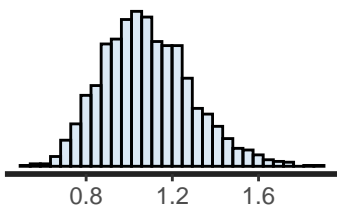
beta_multiplier[4]



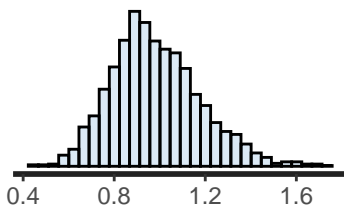
beta_multiplier[5]



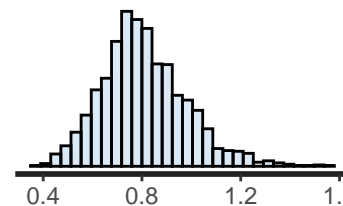
beta_multiplier[6]



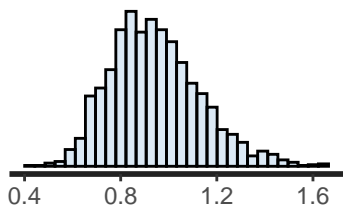
beta_multiplier[7]



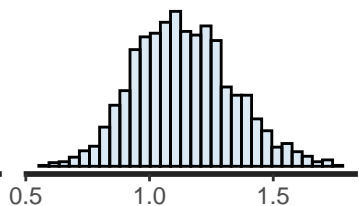
beta_multiplier[8]



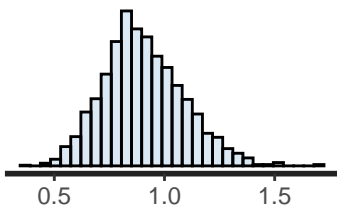
beta_multiplier[9]



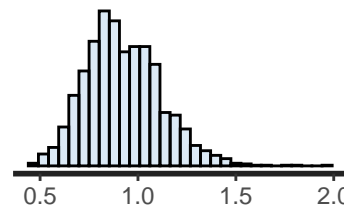
beta_multiplier[10]



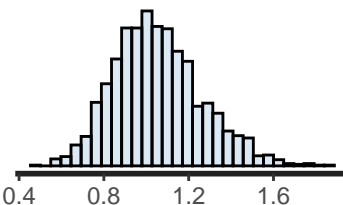
beta_multiplier[11]



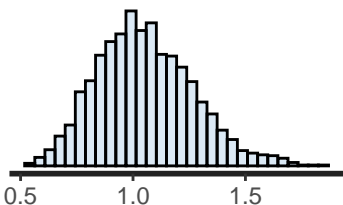
beta_multiplier[12]



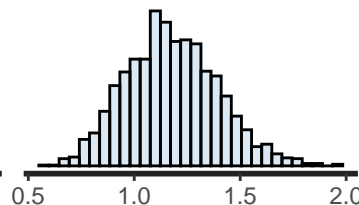
beta_multiplier[13]



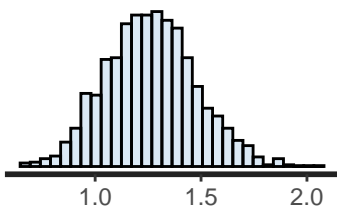
beta_multiplier[14]



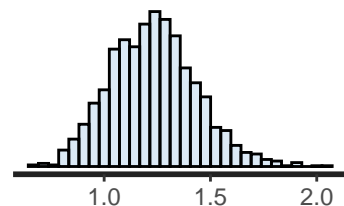
beta_multiplier[15]



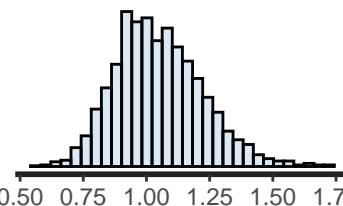
beta_multiplier[16]



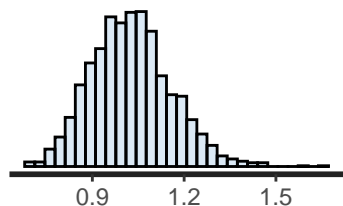
beta_multiplier[17]



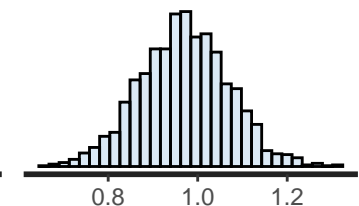
beta_multiplier[18]



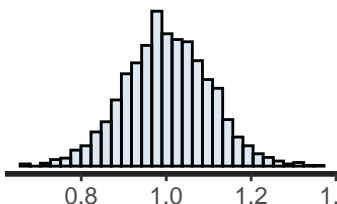
beta_multiplier[19]



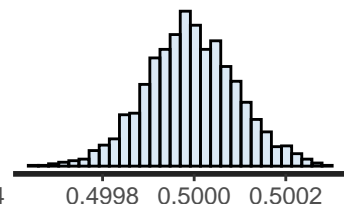
beta_multiplier[20]

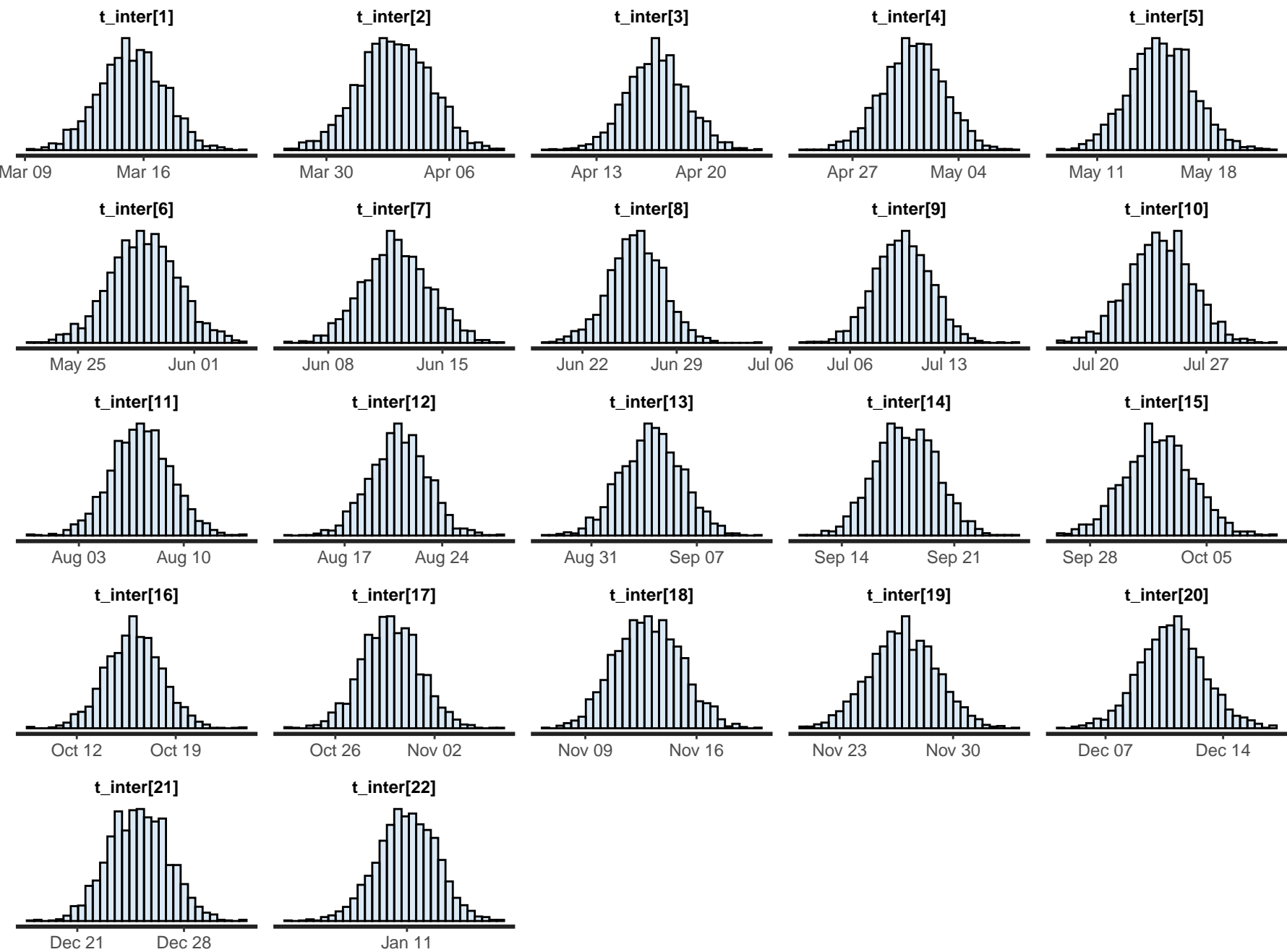


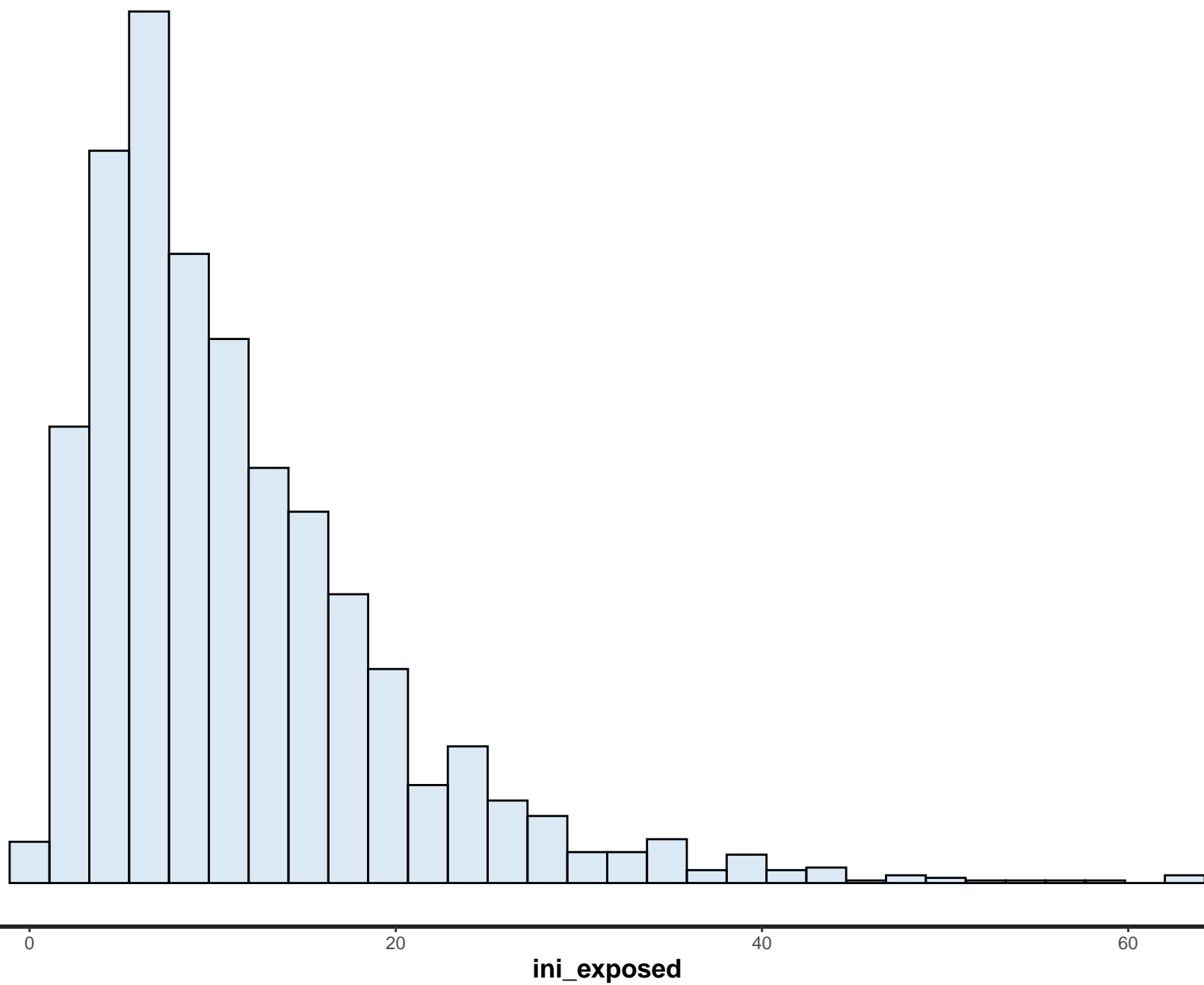
beta_multiplier[21]



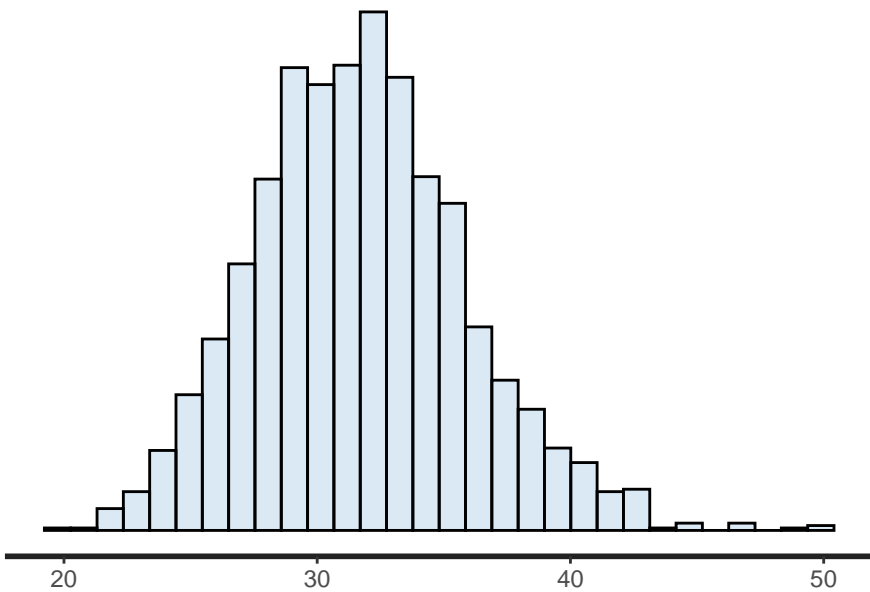
beta_multiplier[22]



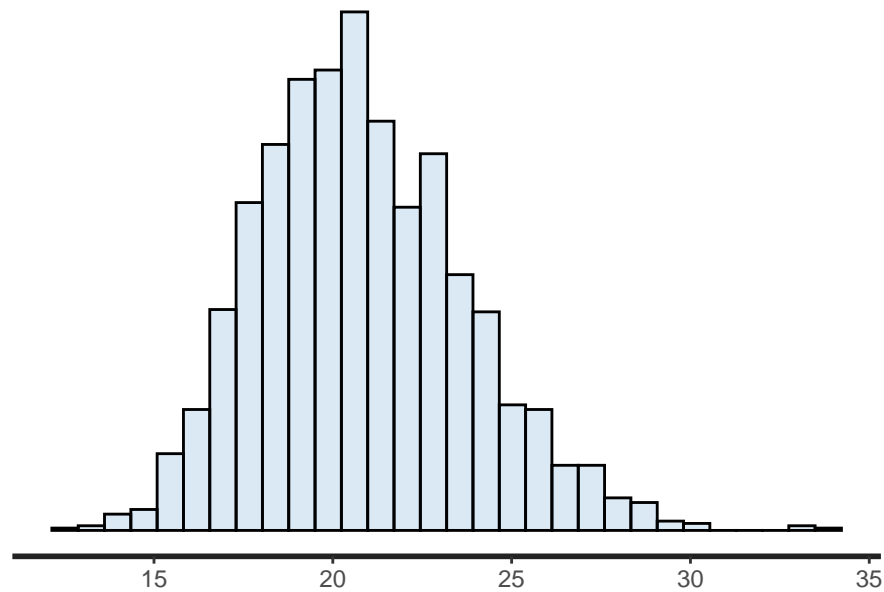




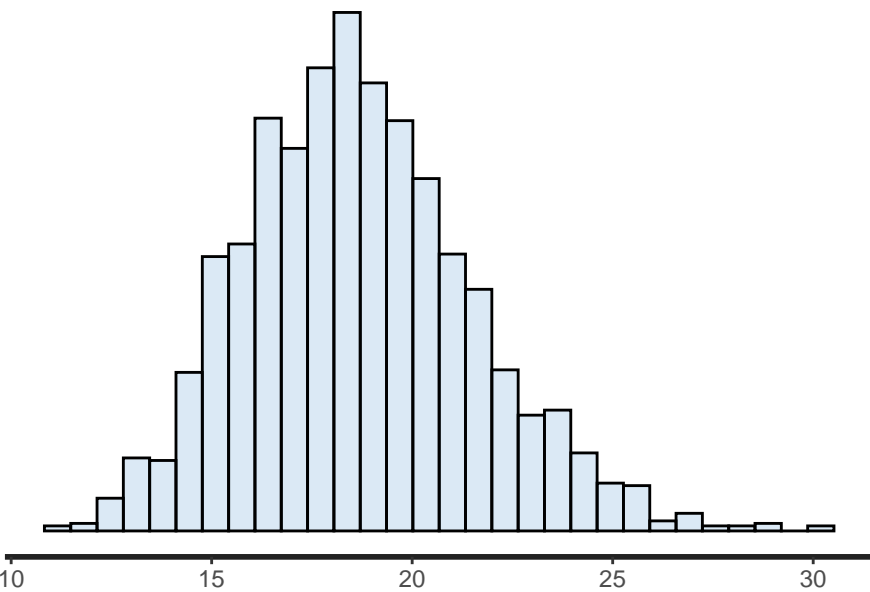
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

