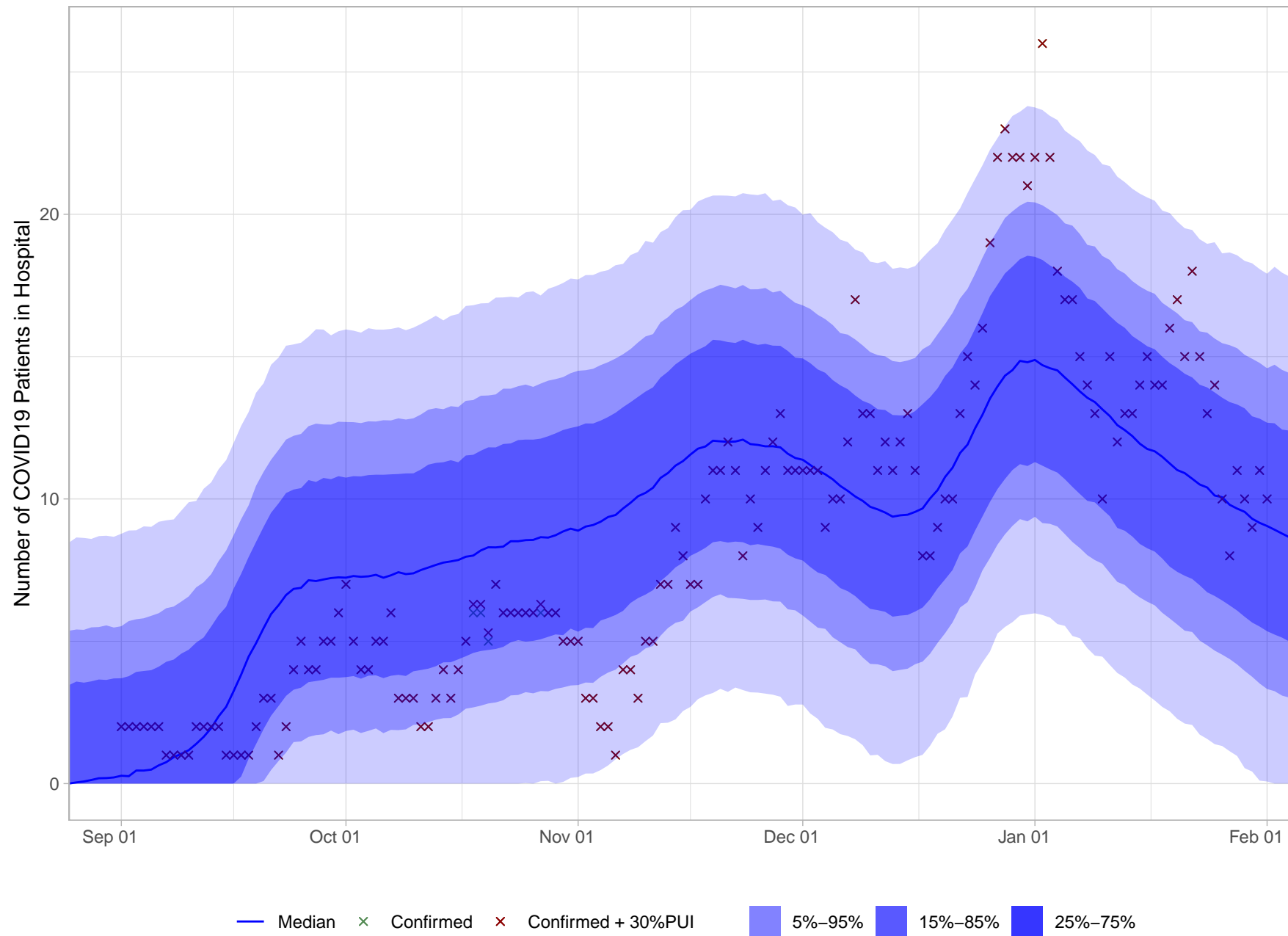
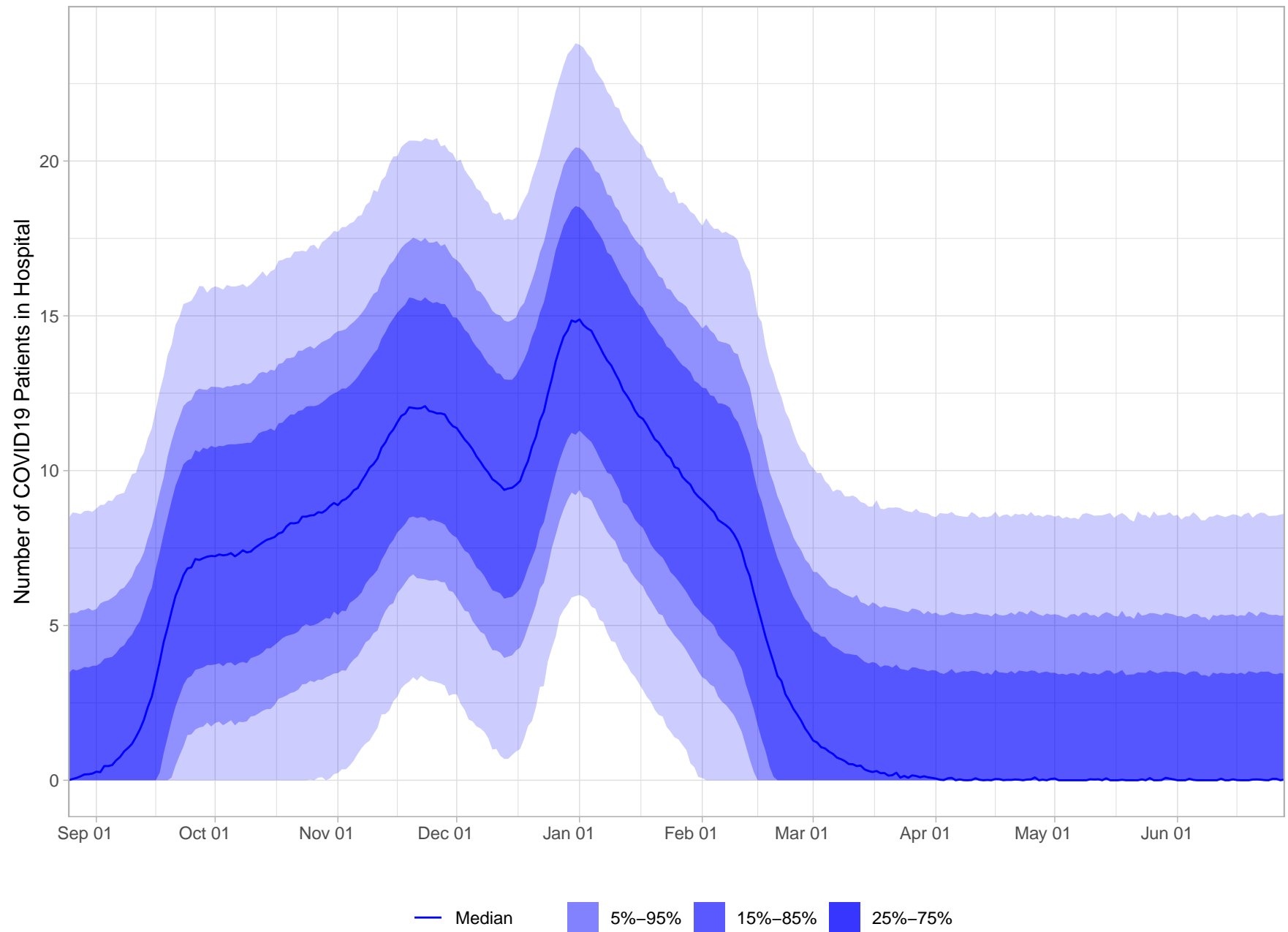


Short Term Hospitalization Projection

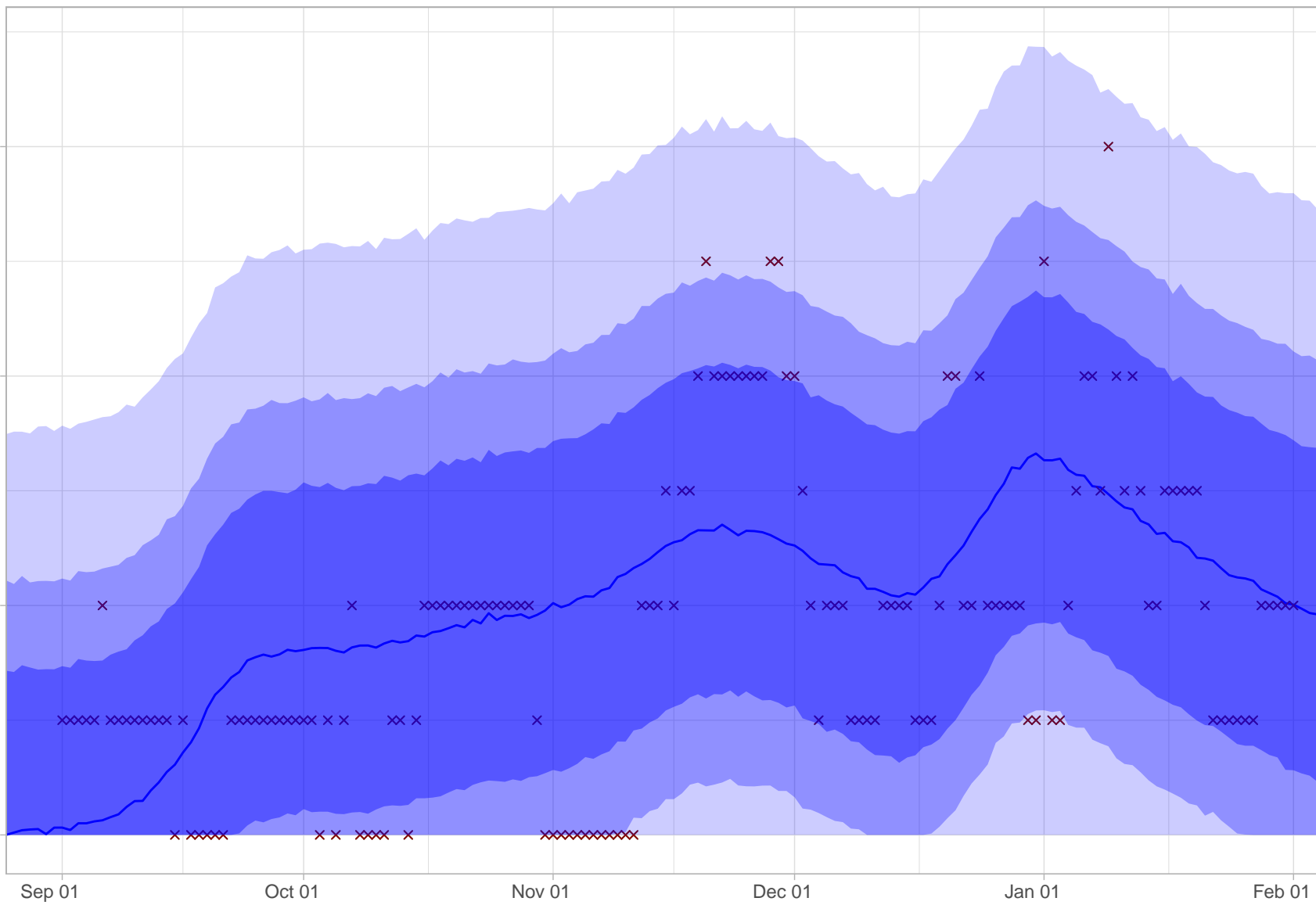


Long Term Hospitalization Projection



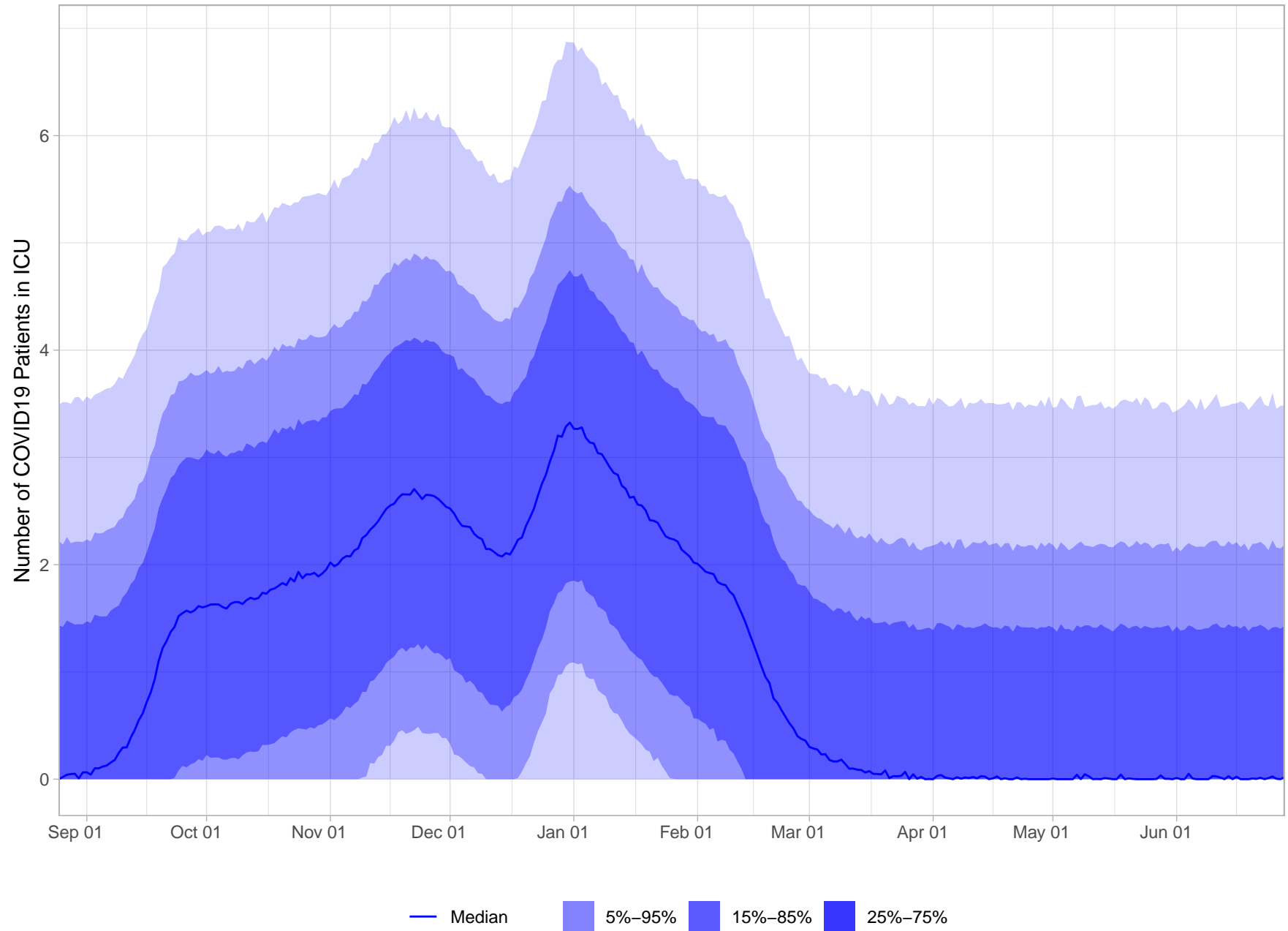
Short Term ICU Projection

Number of COVID19 Patients in ICU

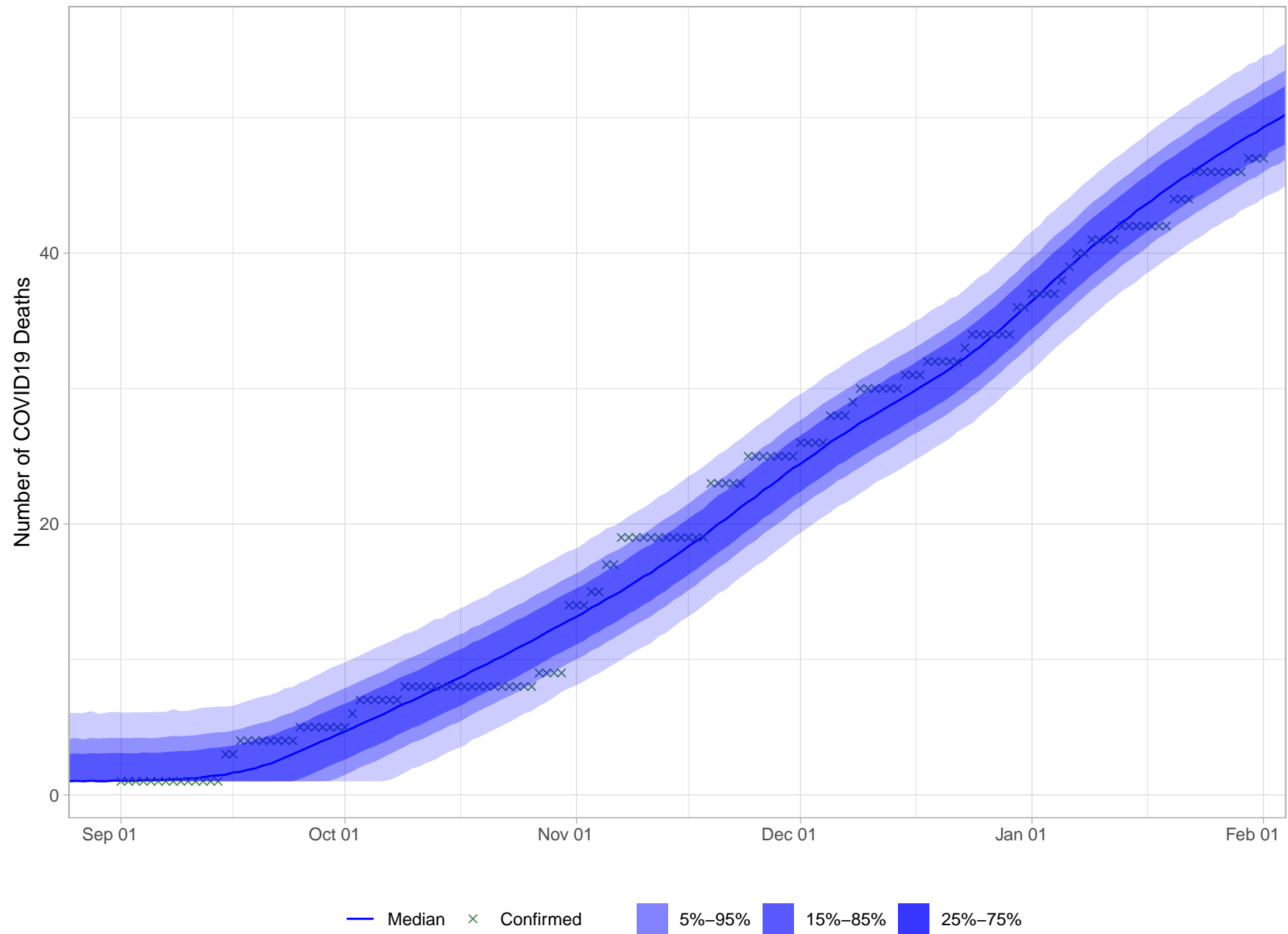


— Median
 x Confirmed
 x Confirmed + 30%PUI
 5%–95%
 15%–85%
 25%–75%

Long Term ICU Projection

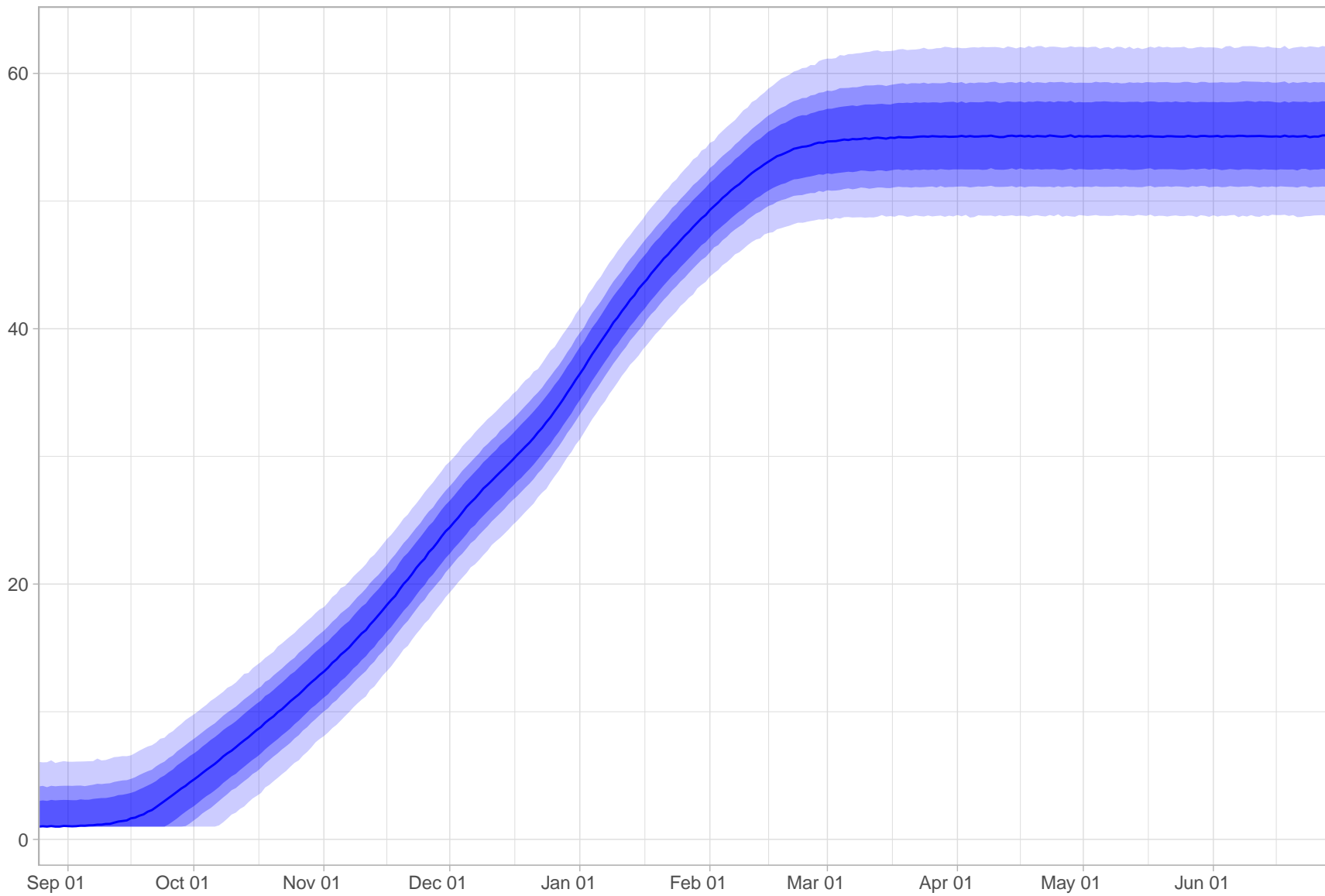


Short Term Death Projection



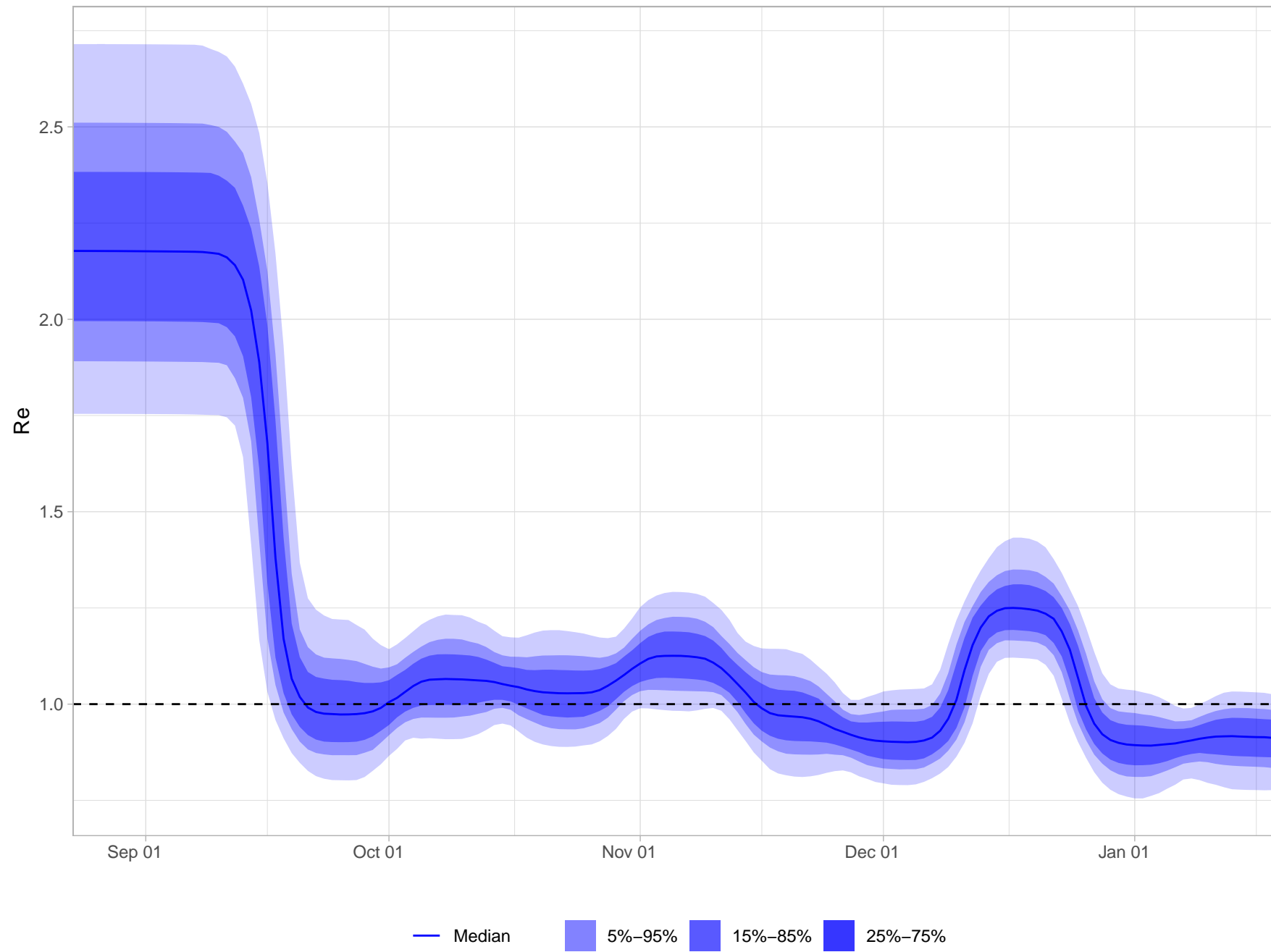
Long Term Death Projection

Number of COVID19 Deaths



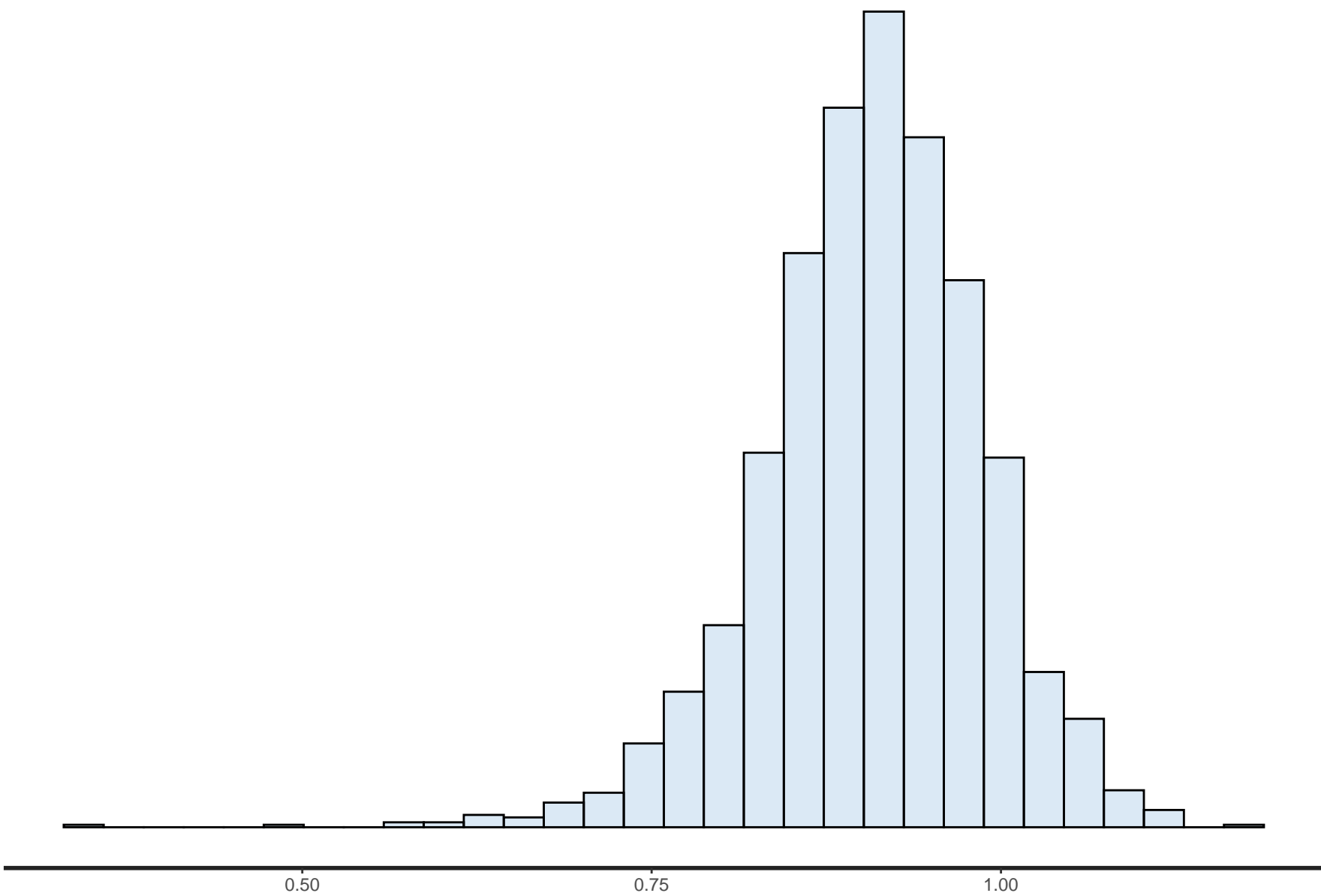
— Median 5%-95% 15%-85% 25%-75%

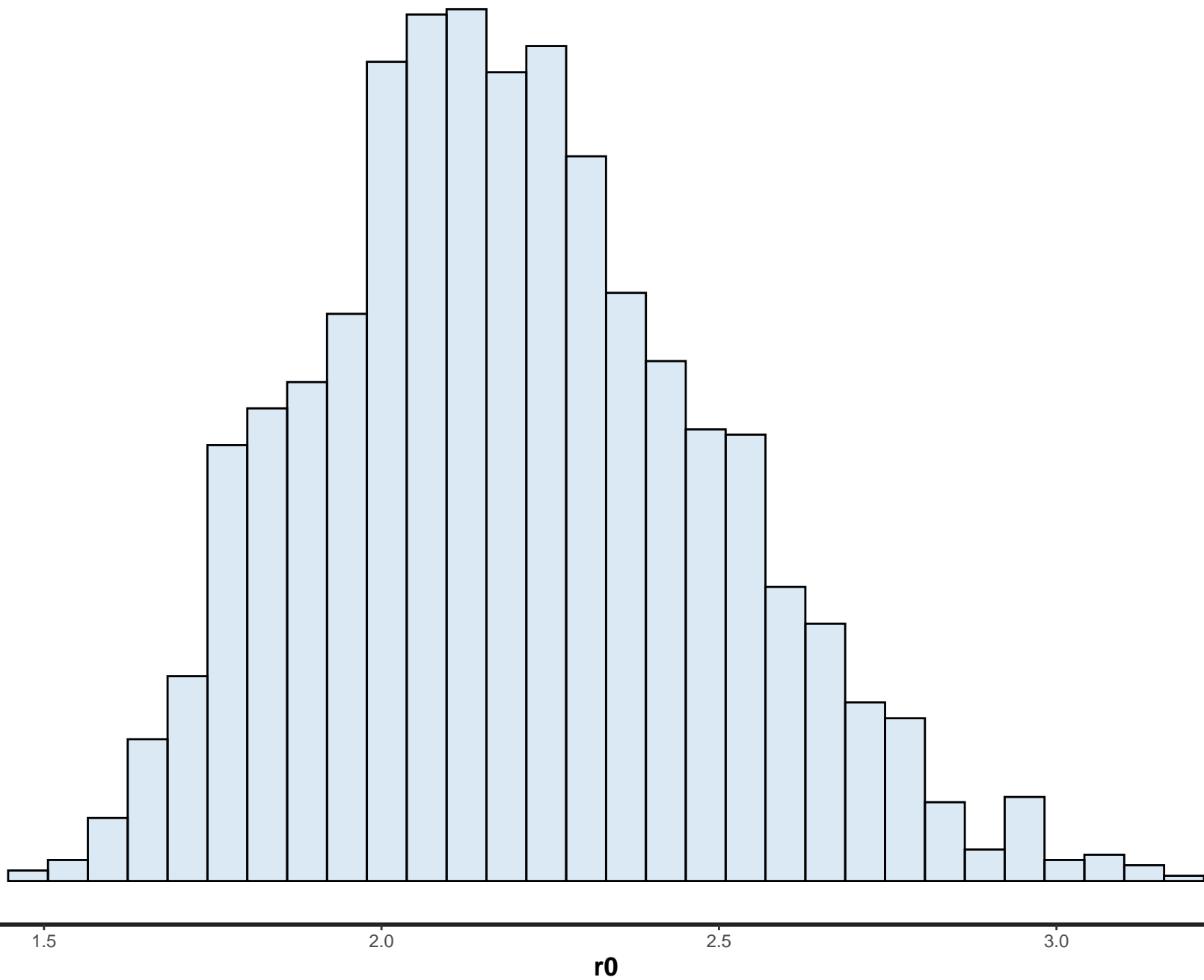
Effective Reproduction Number

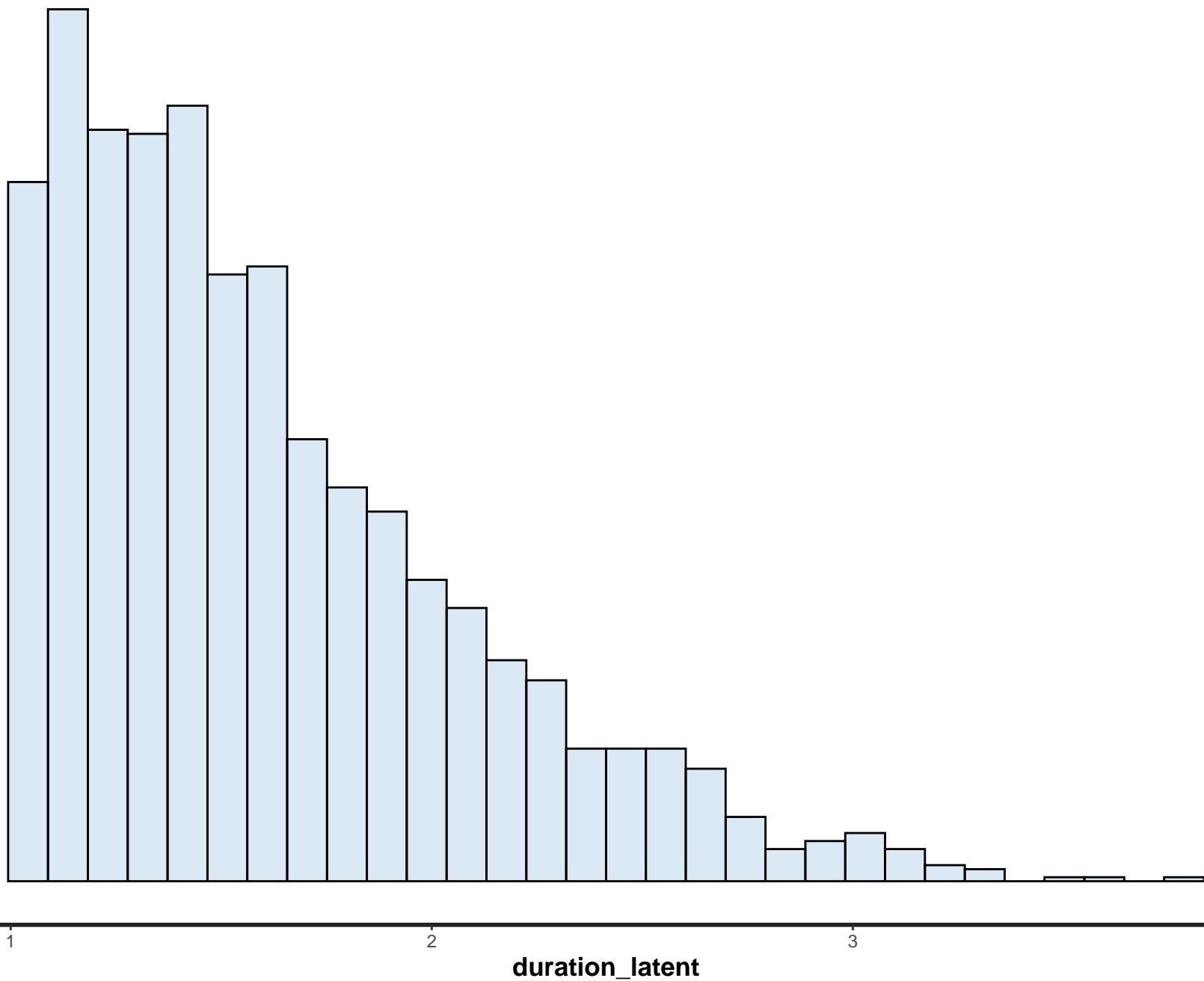


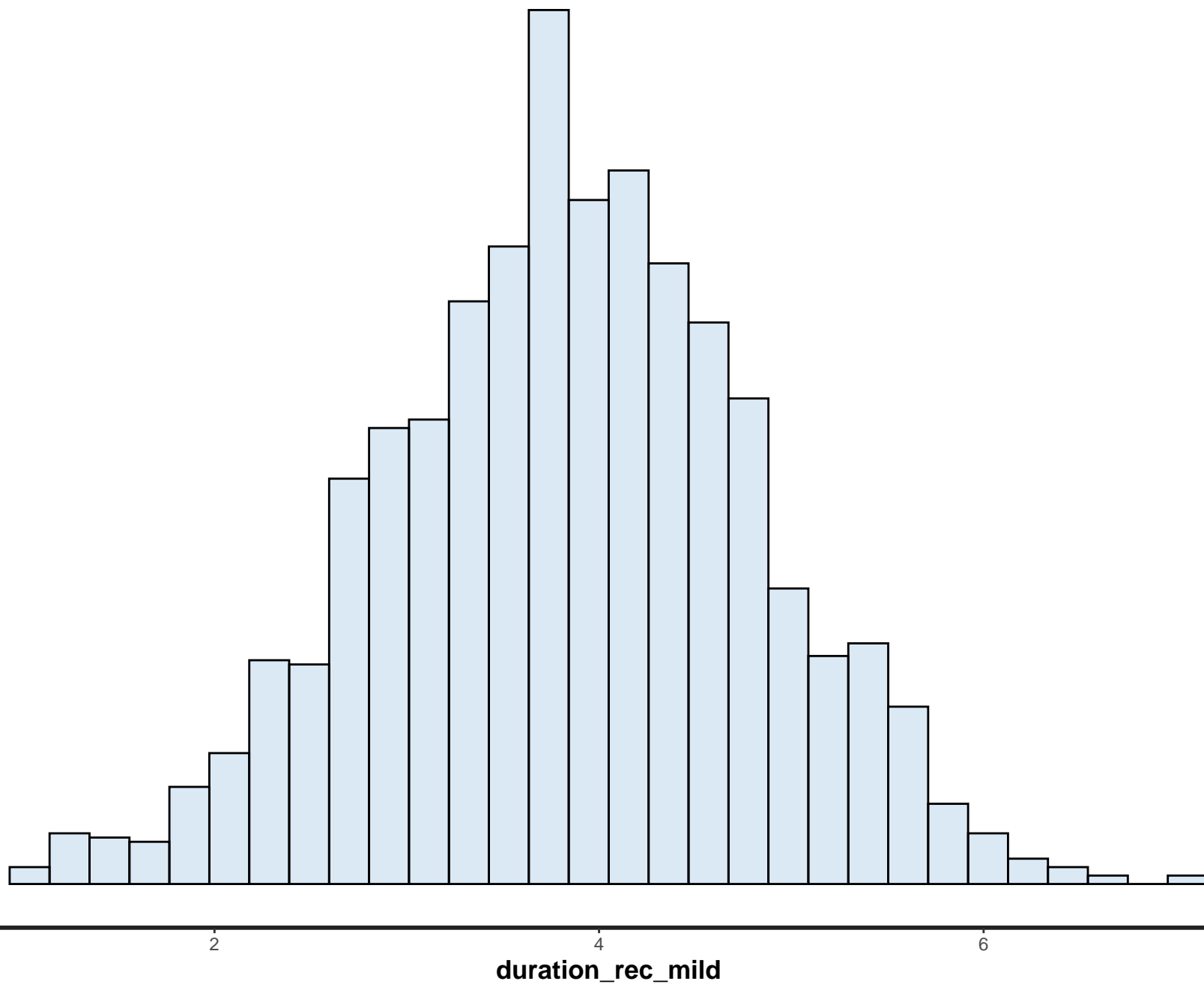
Rt as of 2021-01-18

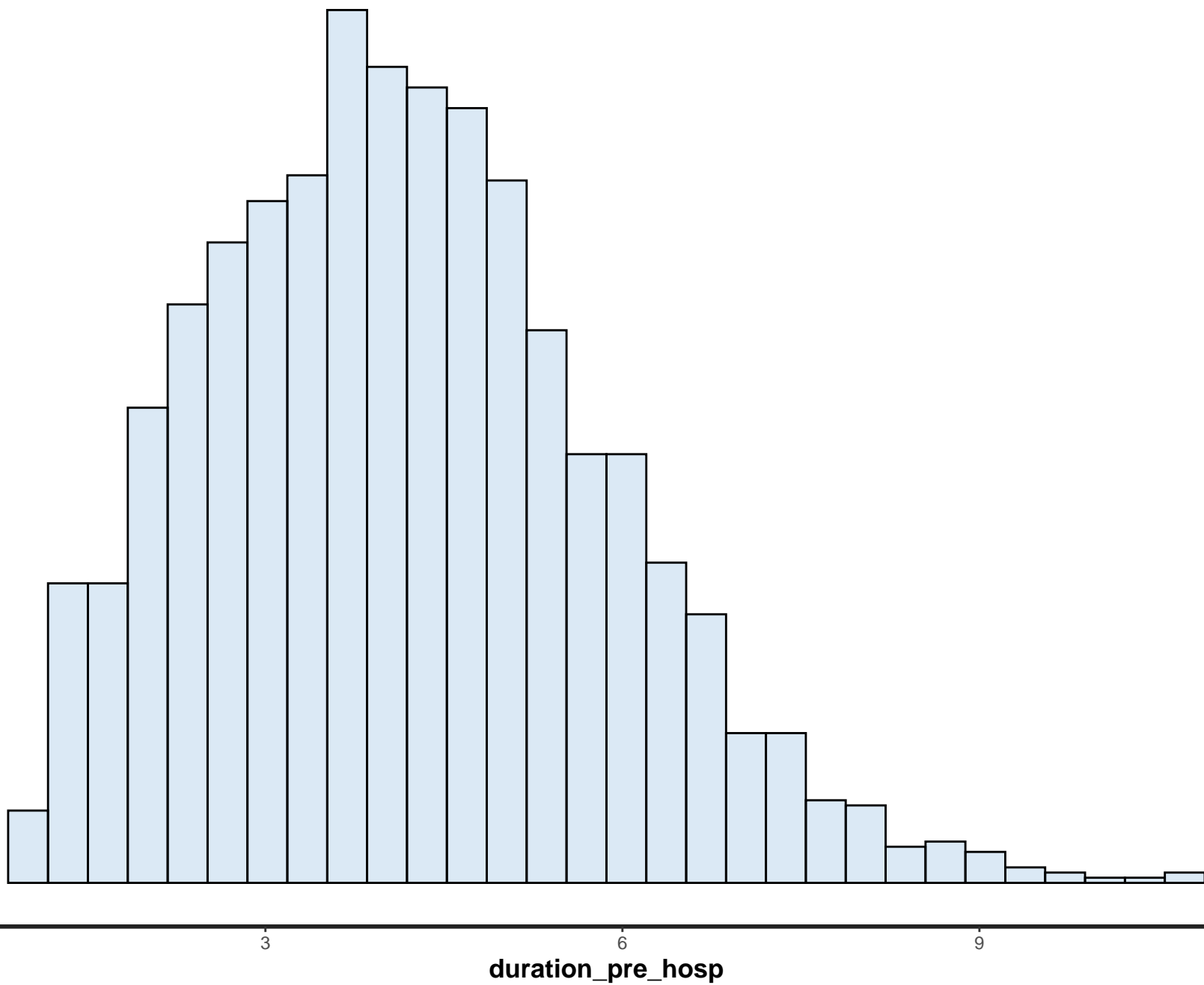
5% 10% 25% 50% 75% 90% 95%
0.78 0.81 0.86 0.91 0.96 1.00 1.03

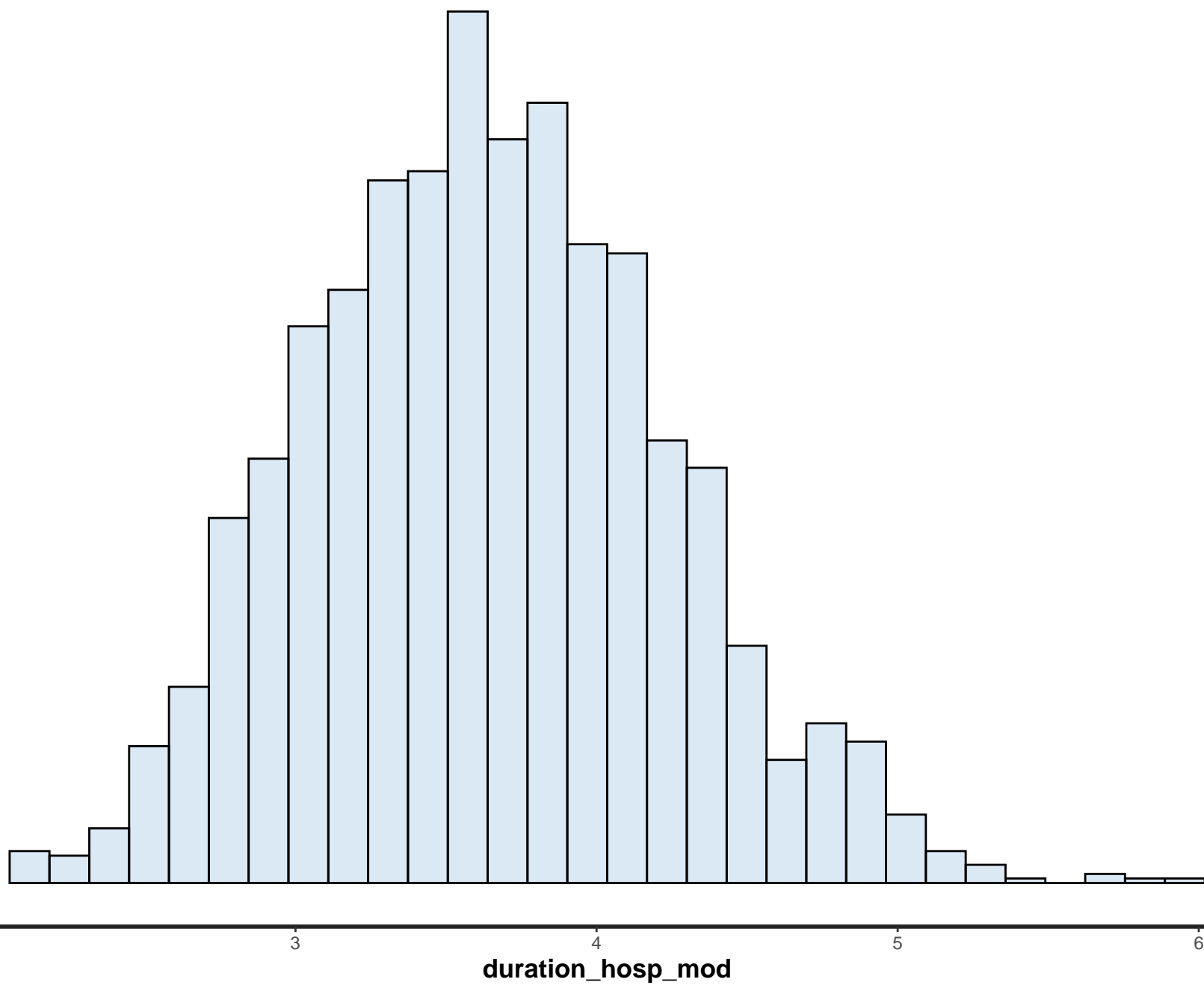


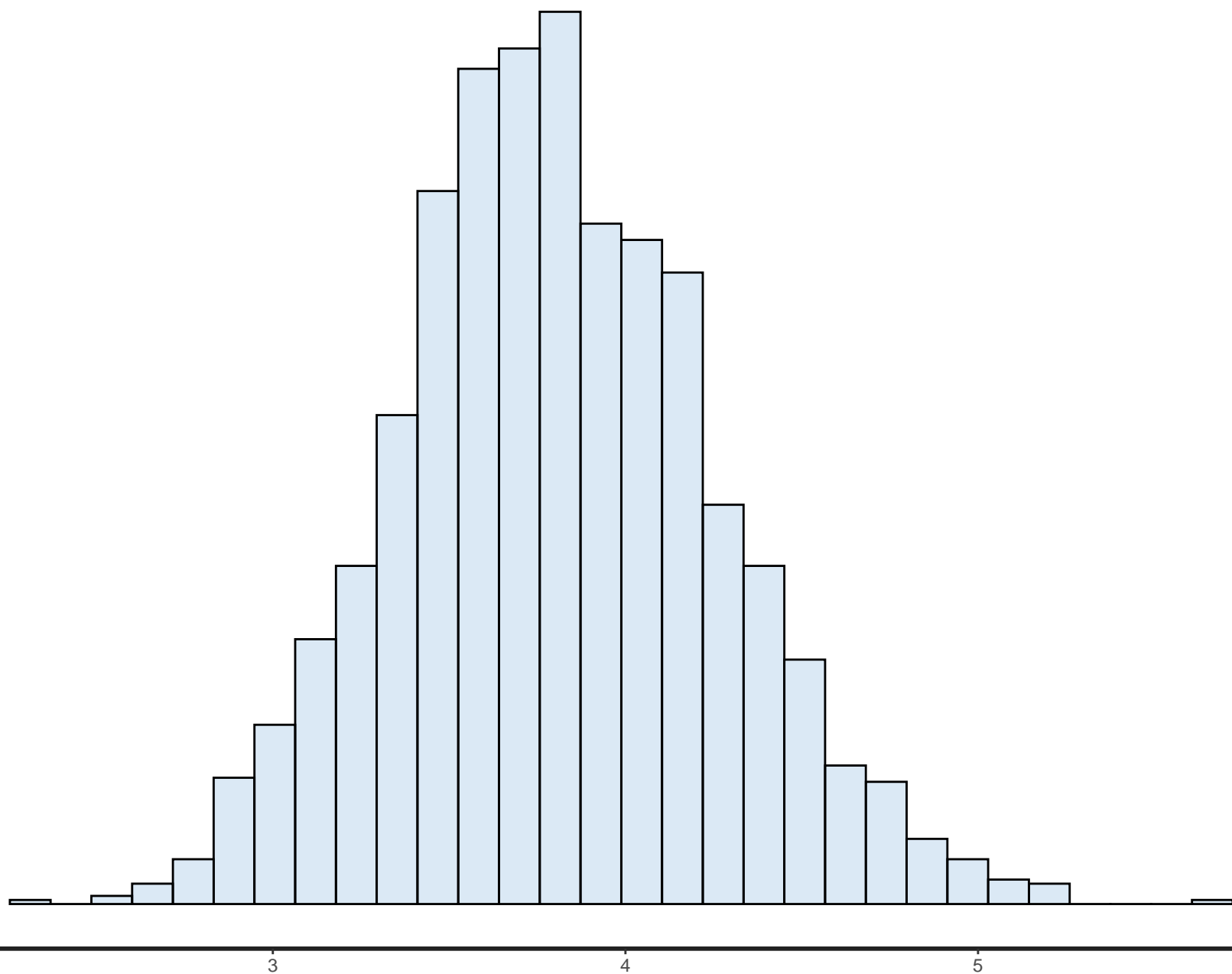


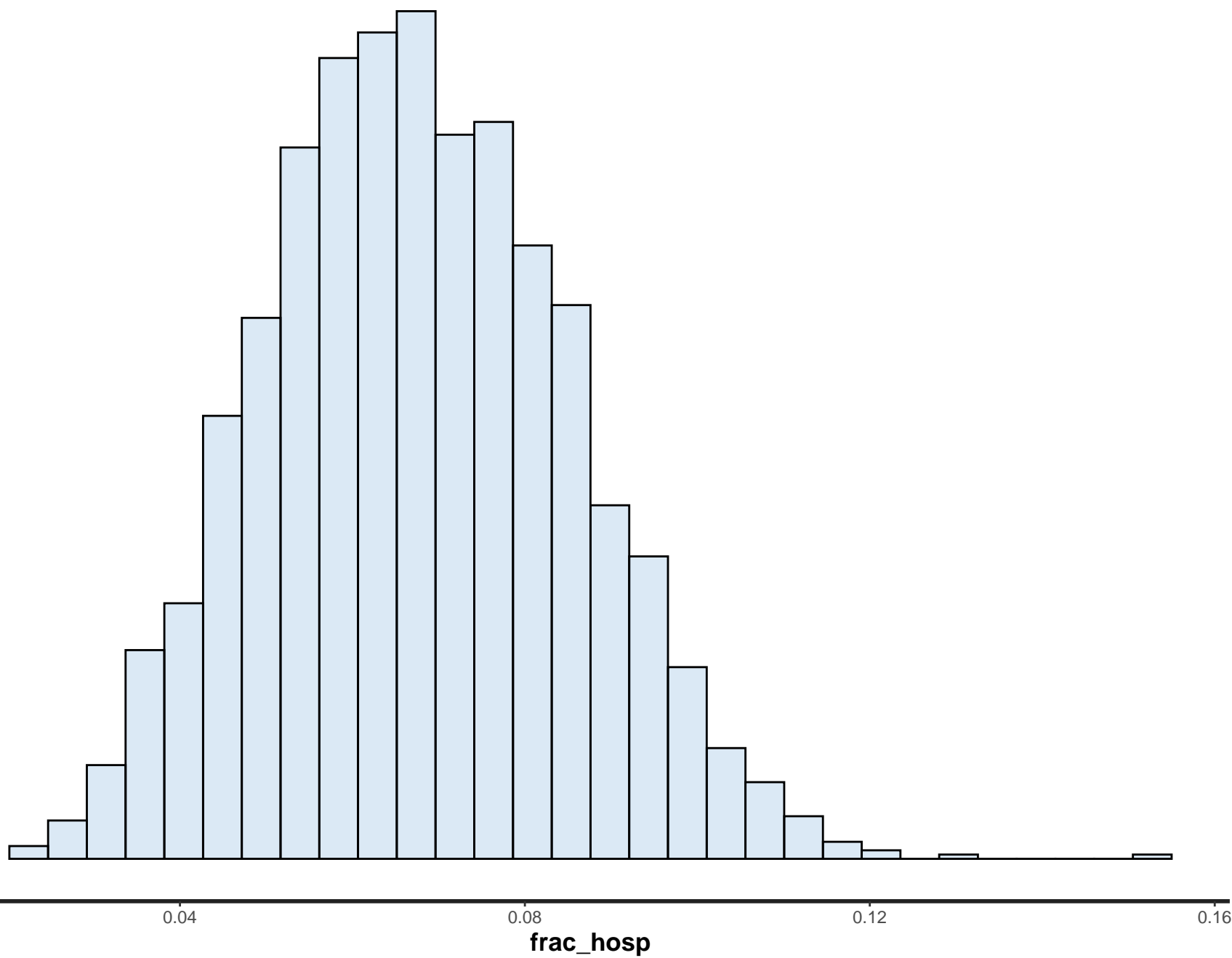


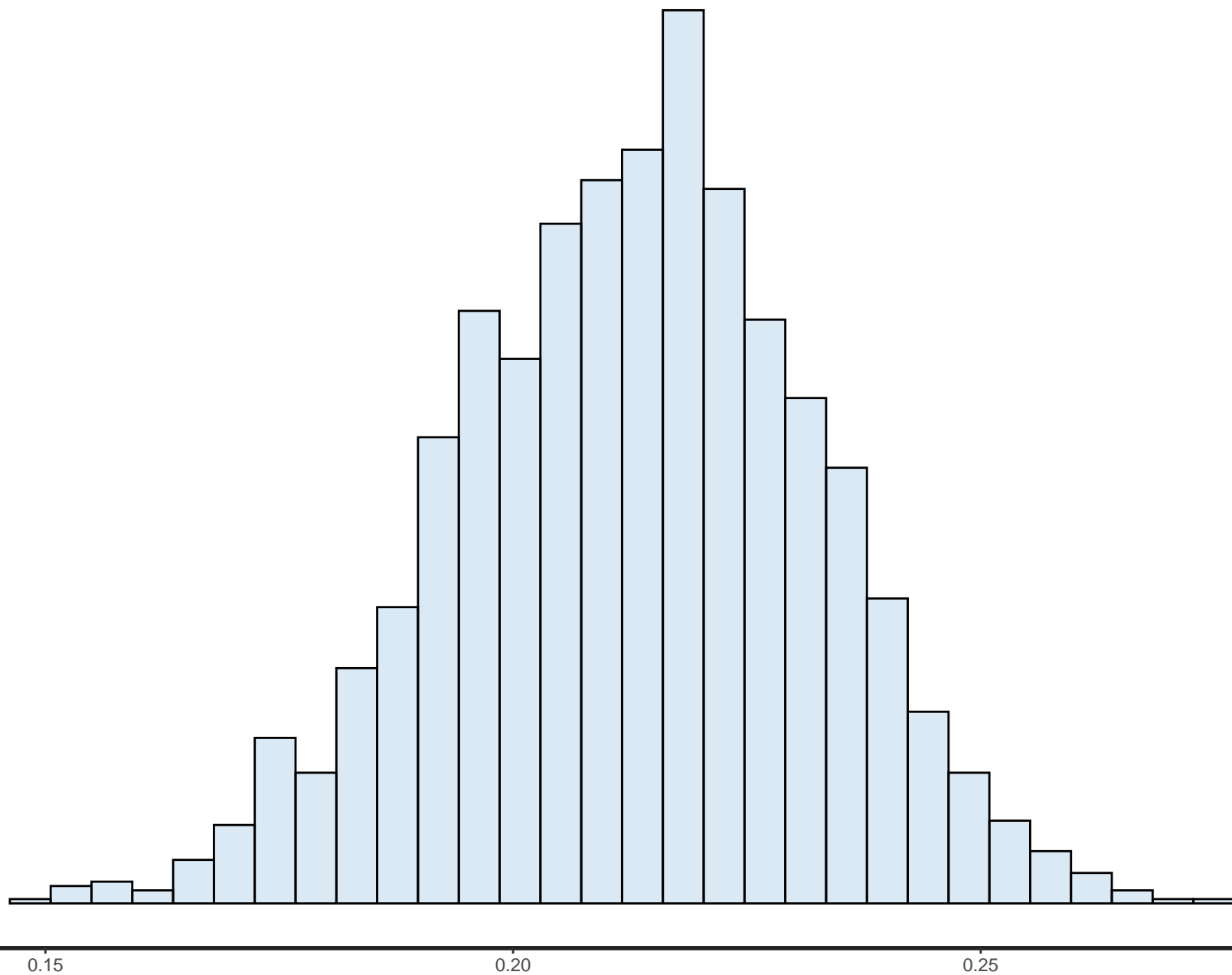


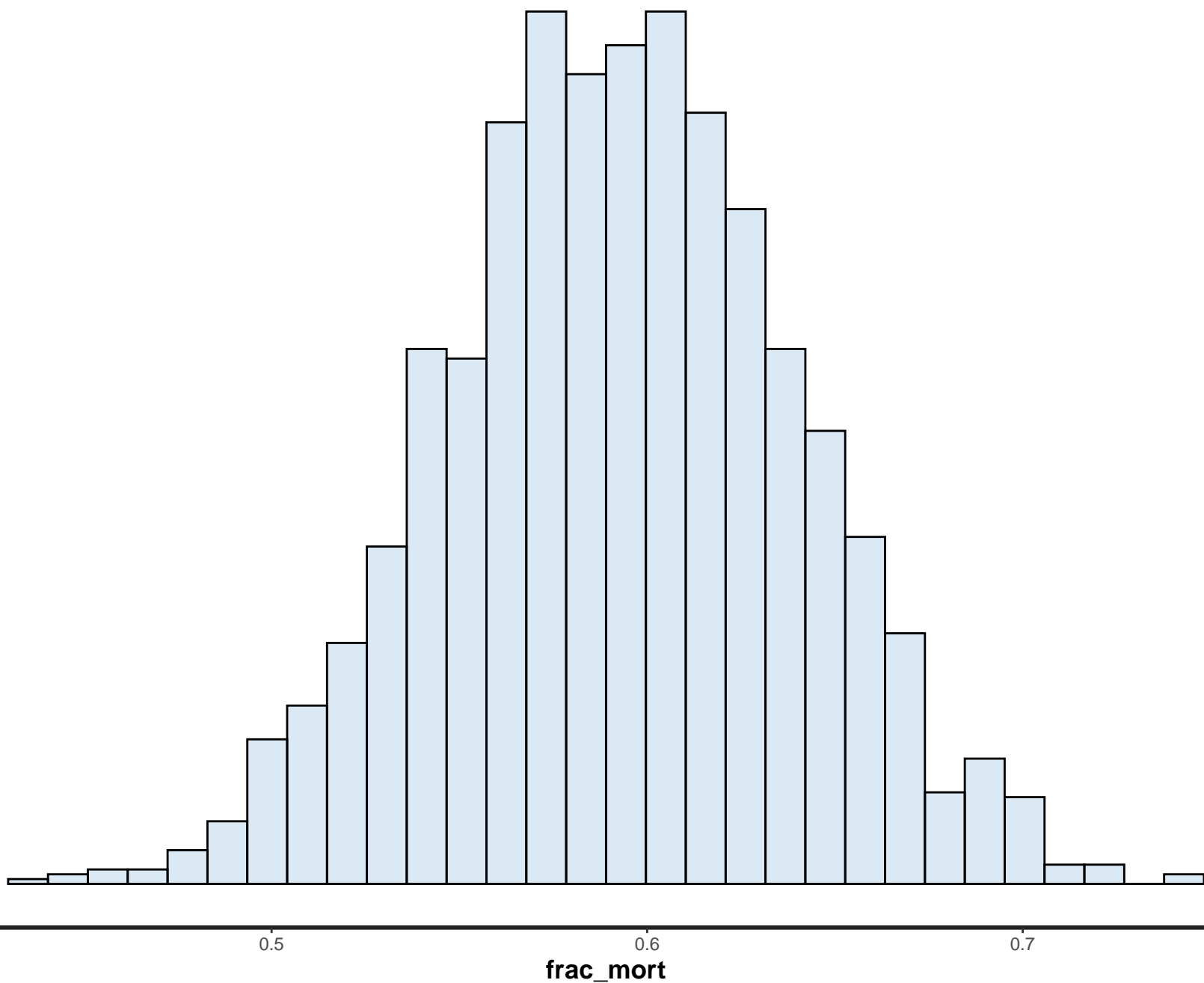




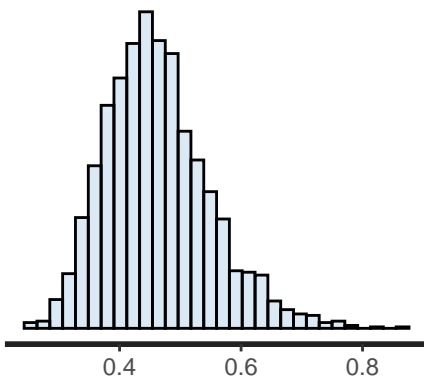




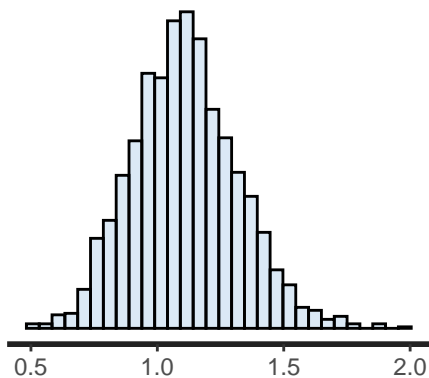




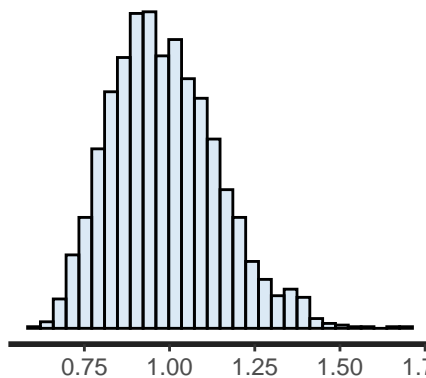
beta_multiplier[1]



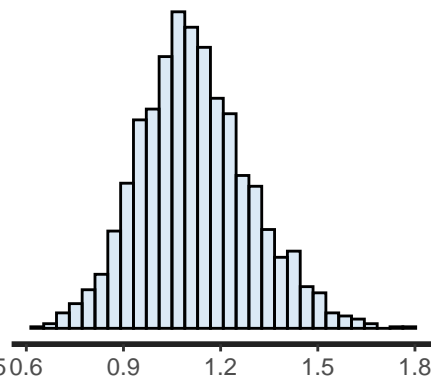
beta_multiplier[2]



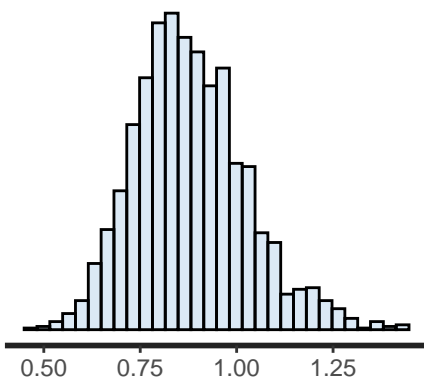
beta_multiplier[3]



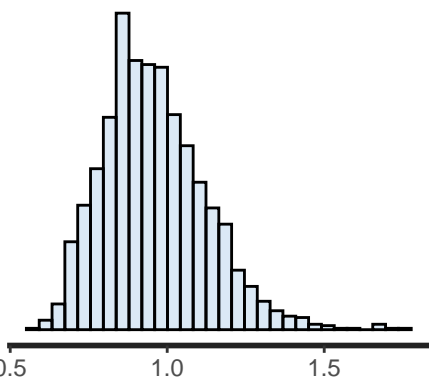
beta_multiplier[4]



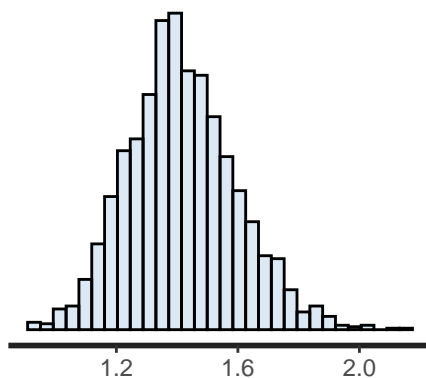
beta_multiplier[5]



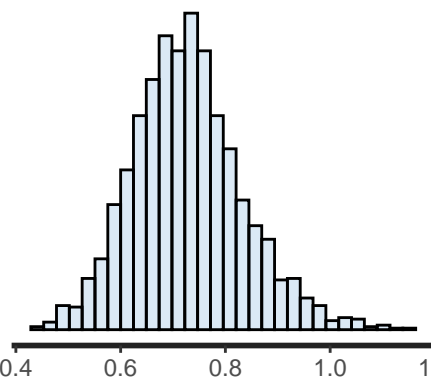
beta_multiplier[6]



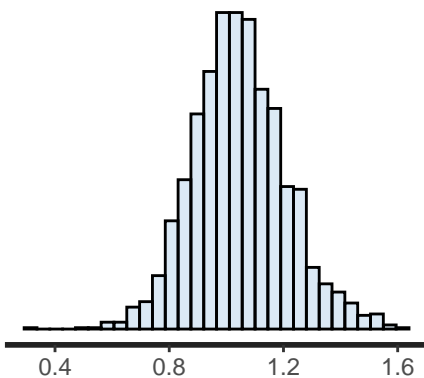
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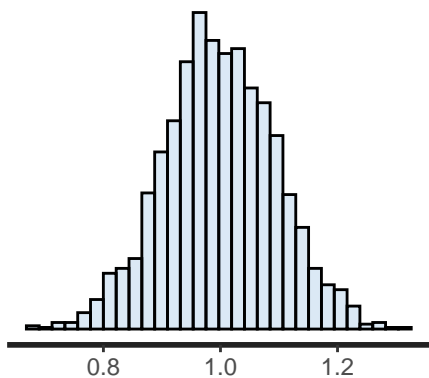
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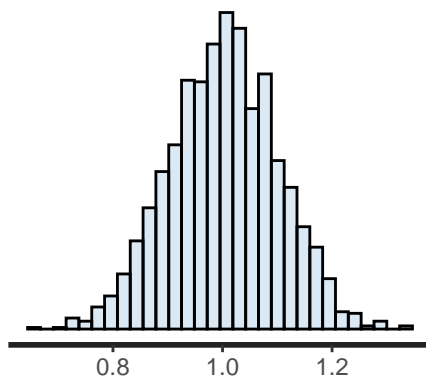
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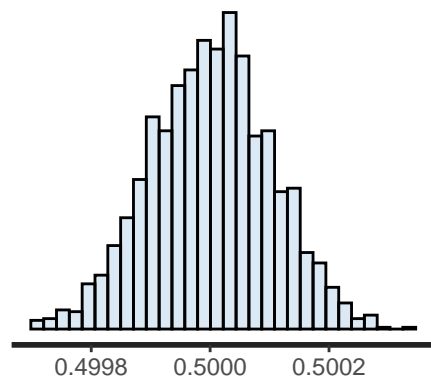
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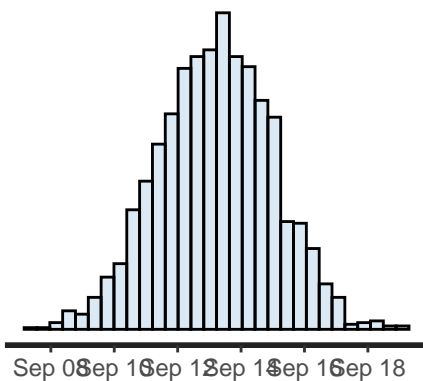
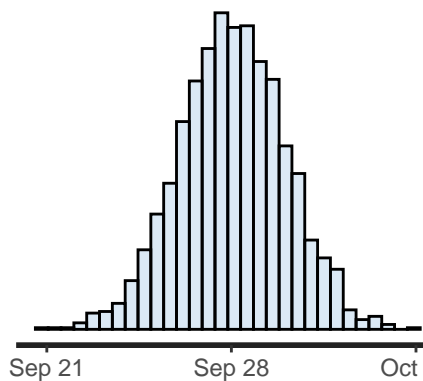
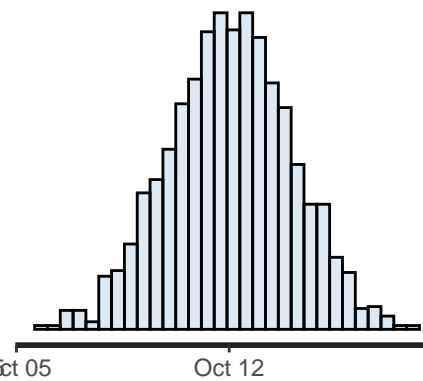
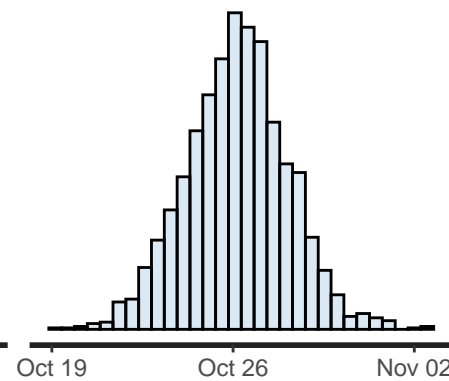
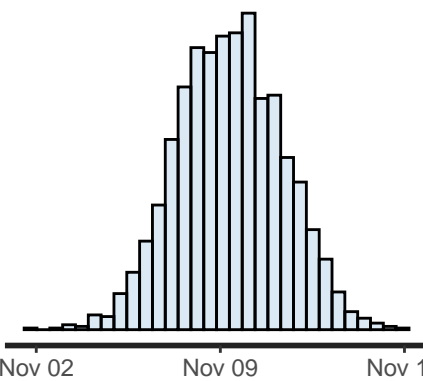
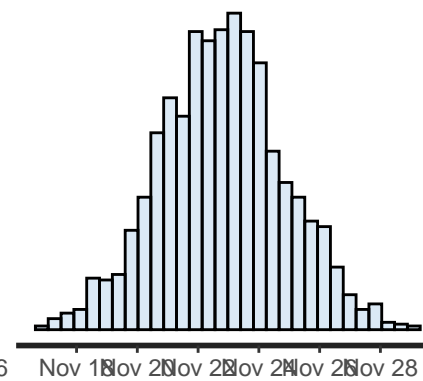
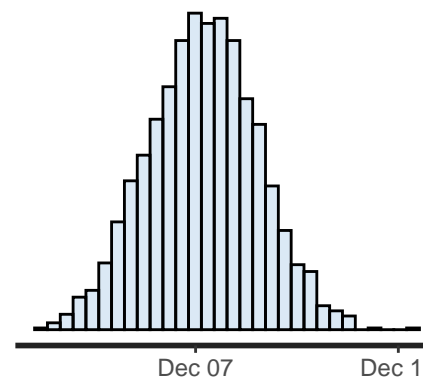
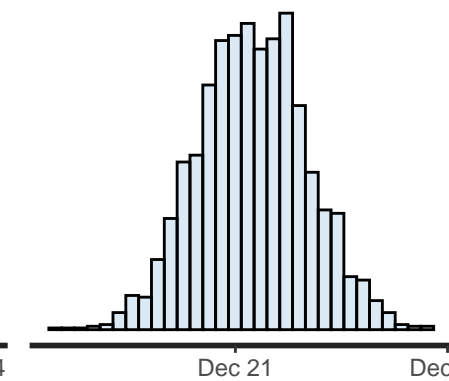
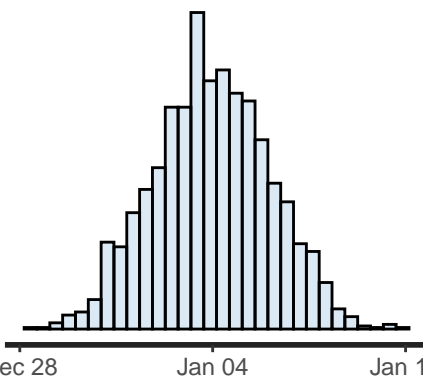
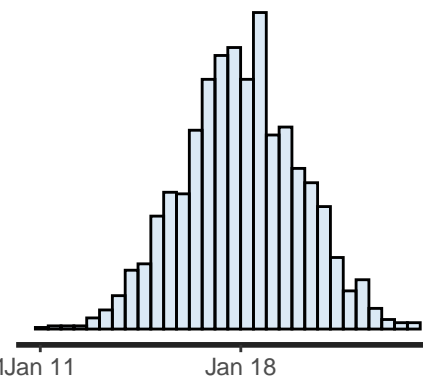
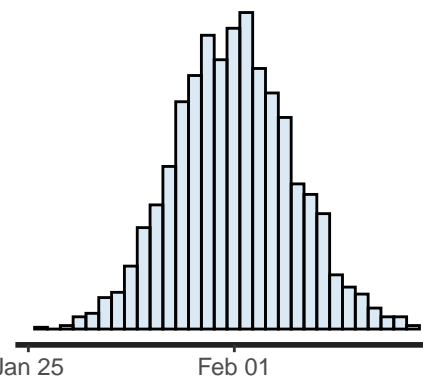
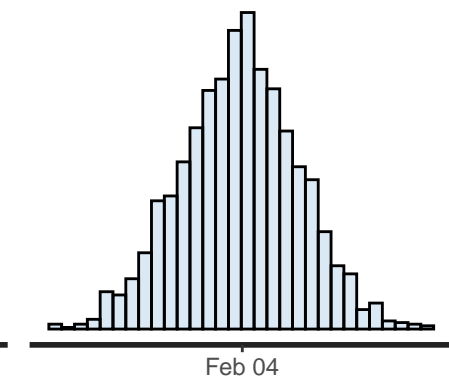


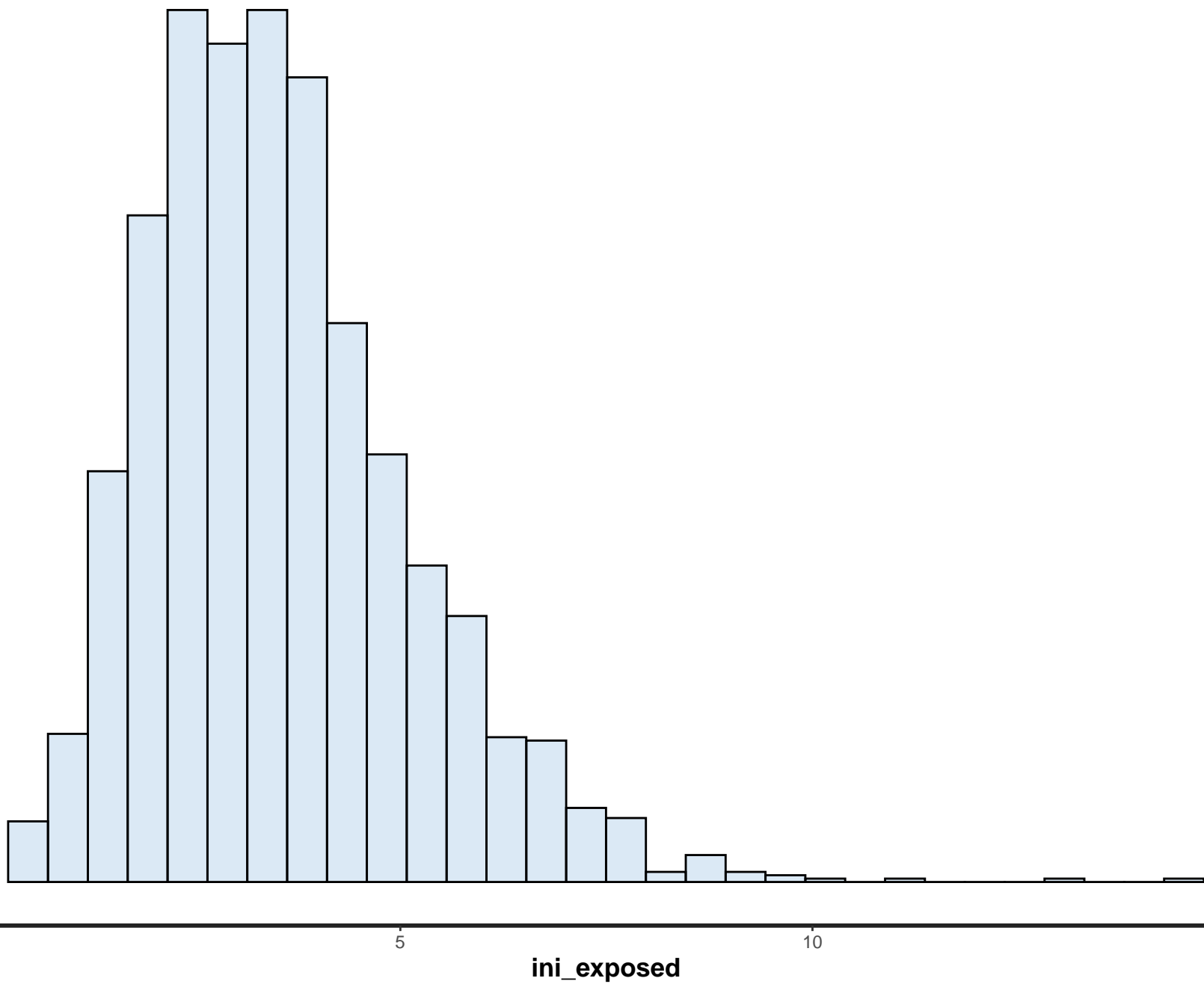
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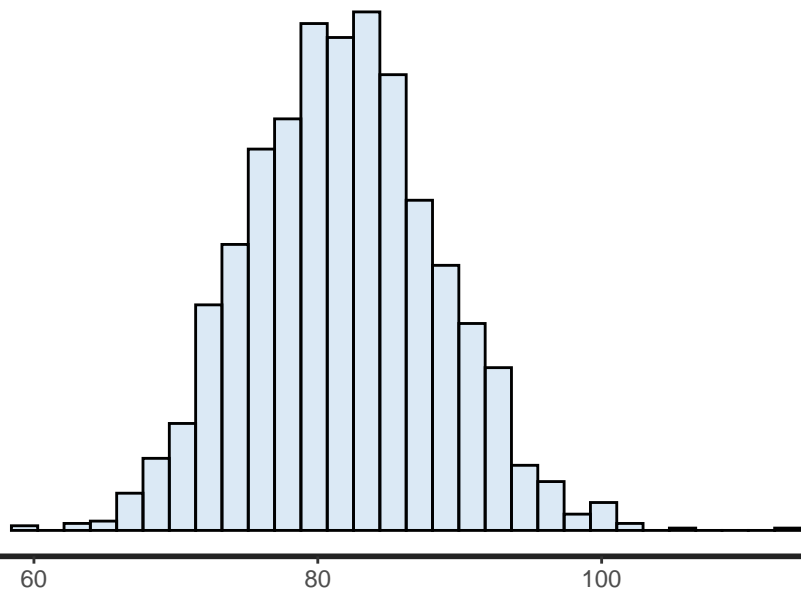
beta_multiplier[12]



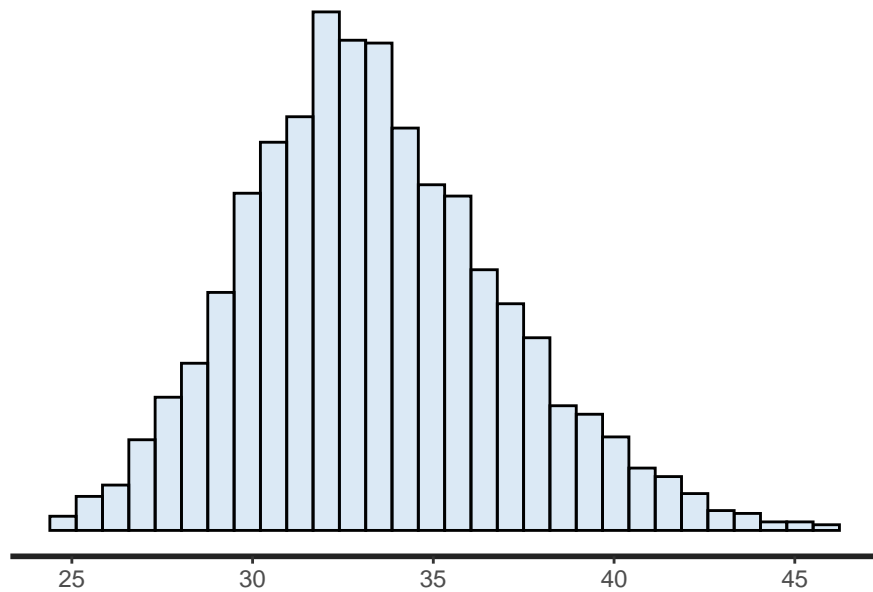
t_inter[1]**t_inter[2]****t_inter[3]****t_inter[4]****t_inter[5]****t_inter[6]****t_inter[7]****t_inter[8]****t_inter[9]****t_inter[10]****t_inter[11]****t_inter[12]**



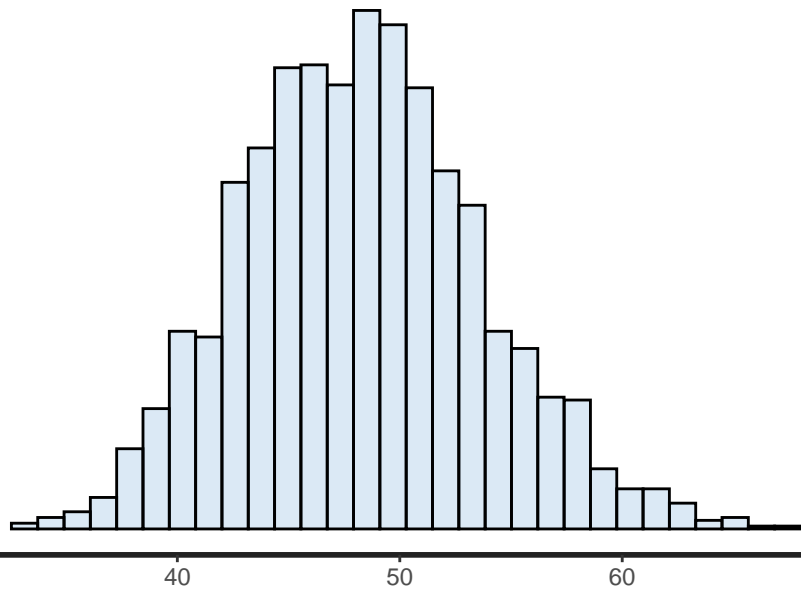
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

