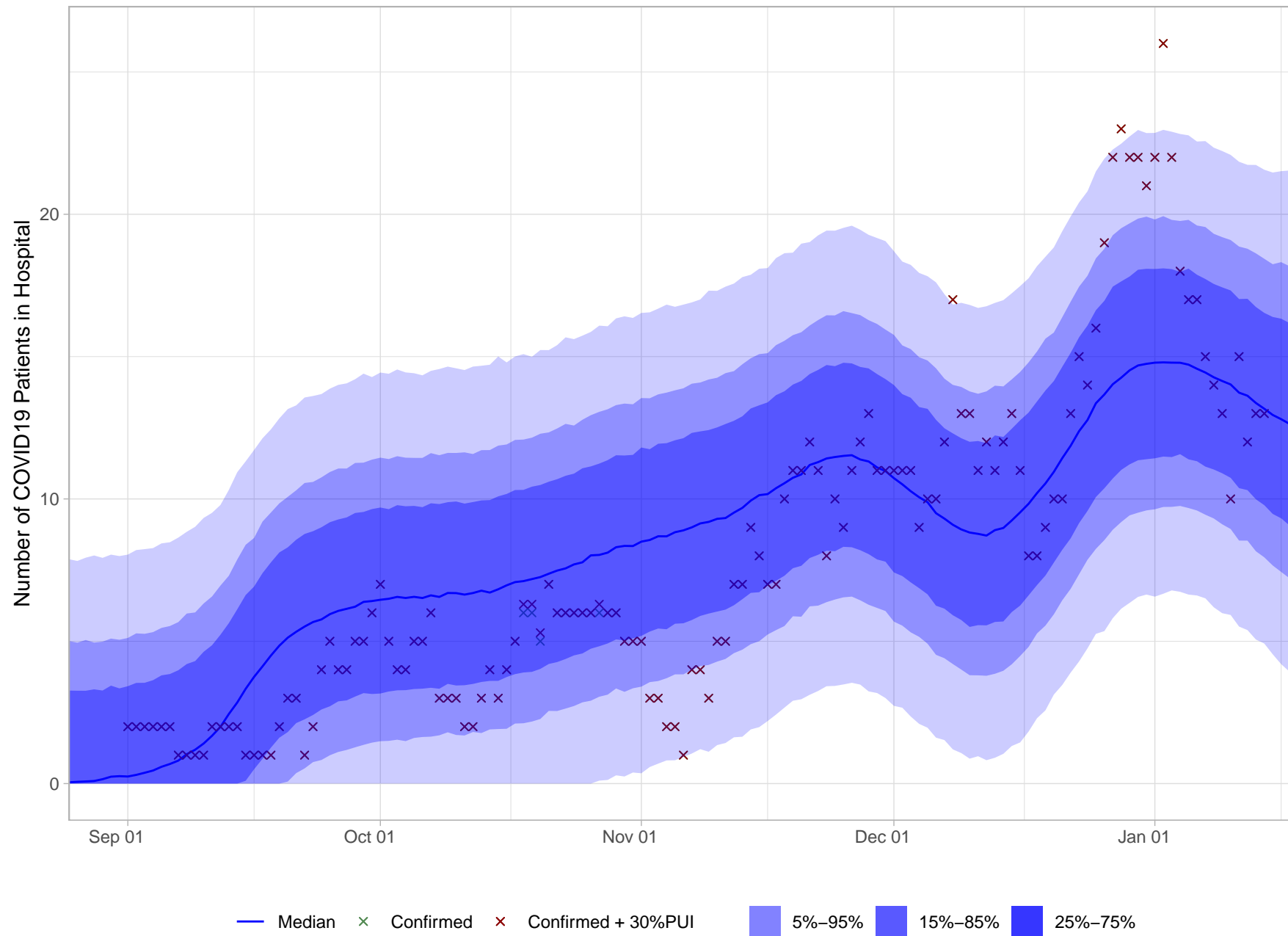
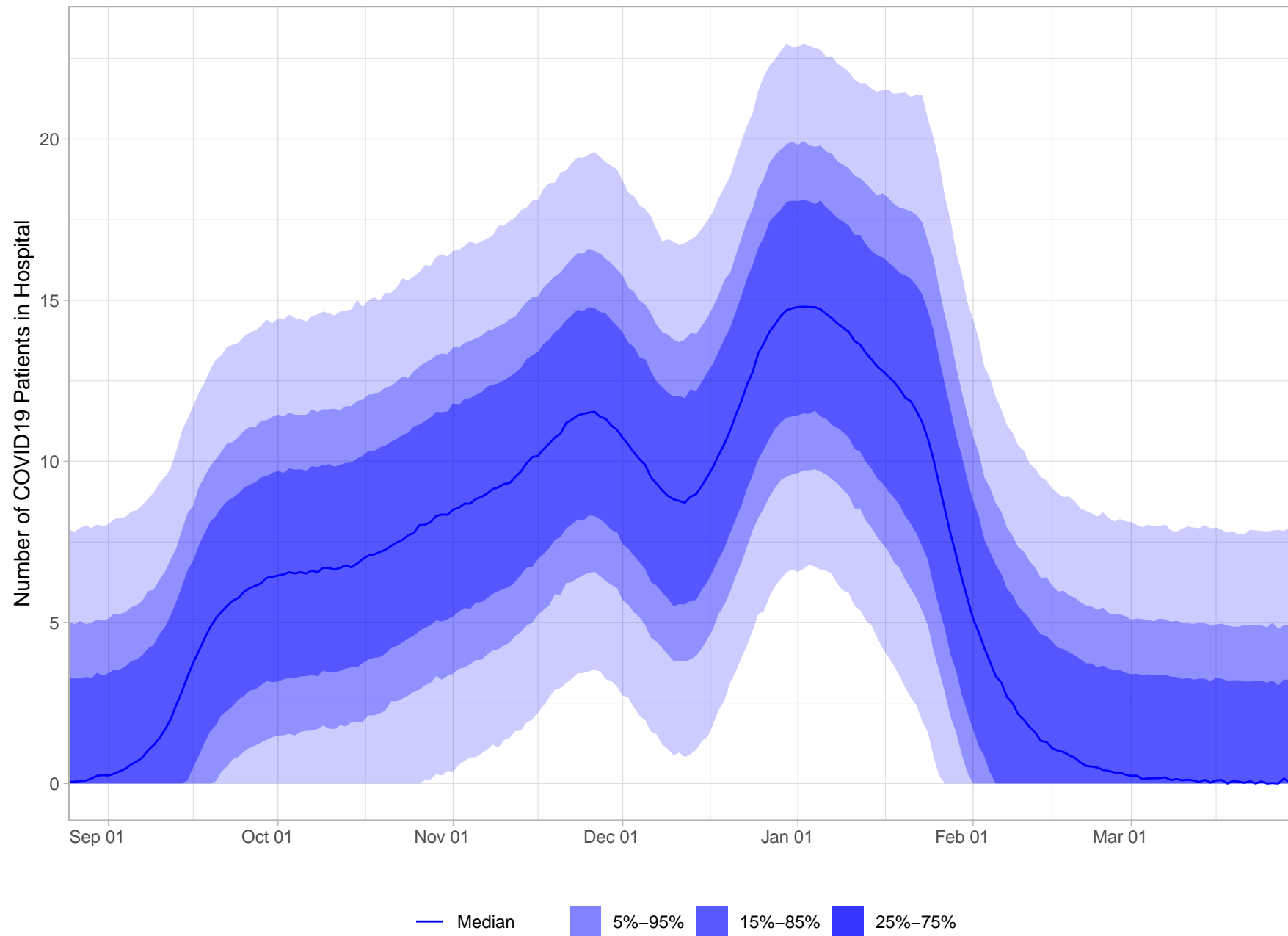


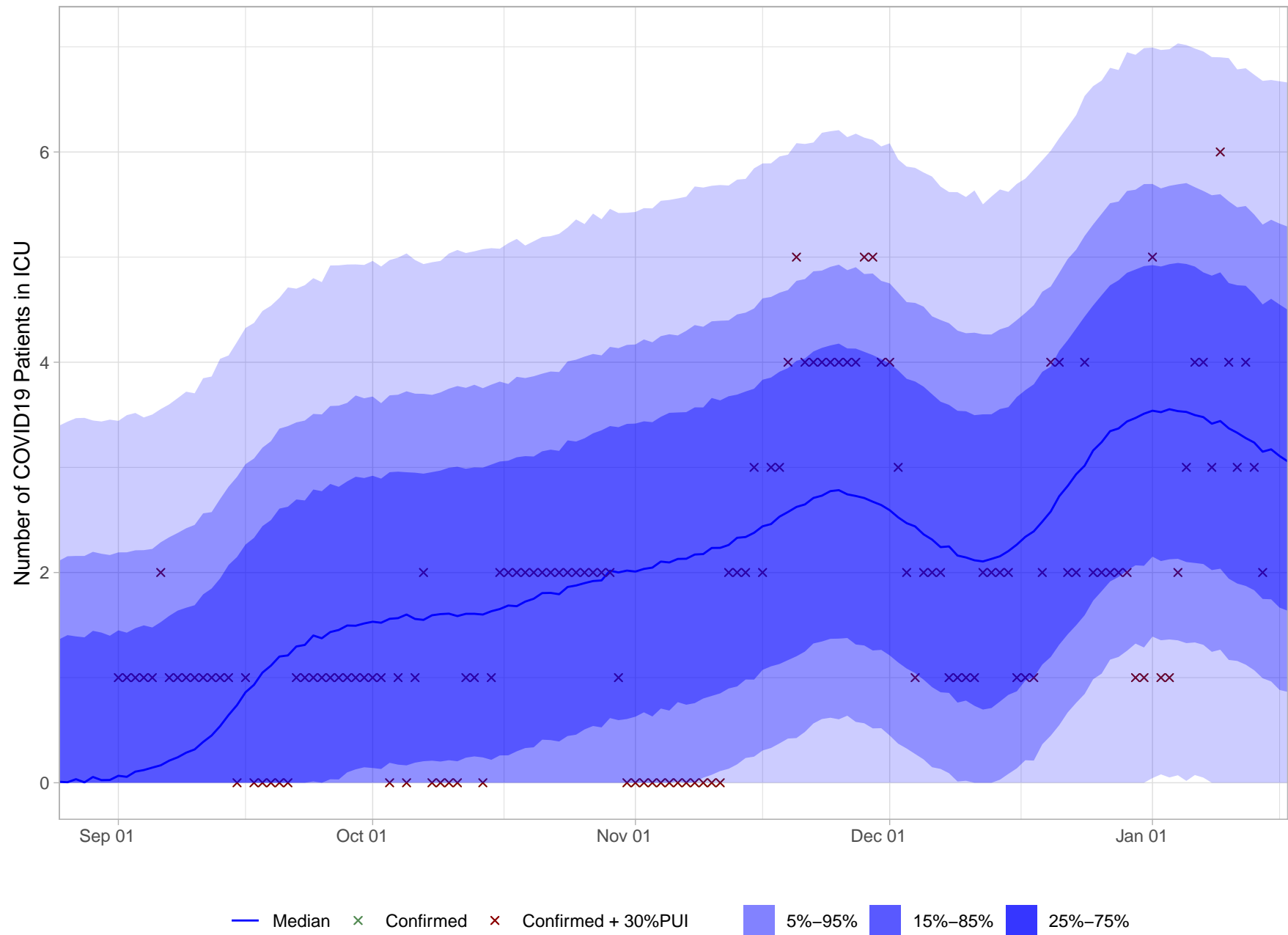
Short Term Hospitalization Projection



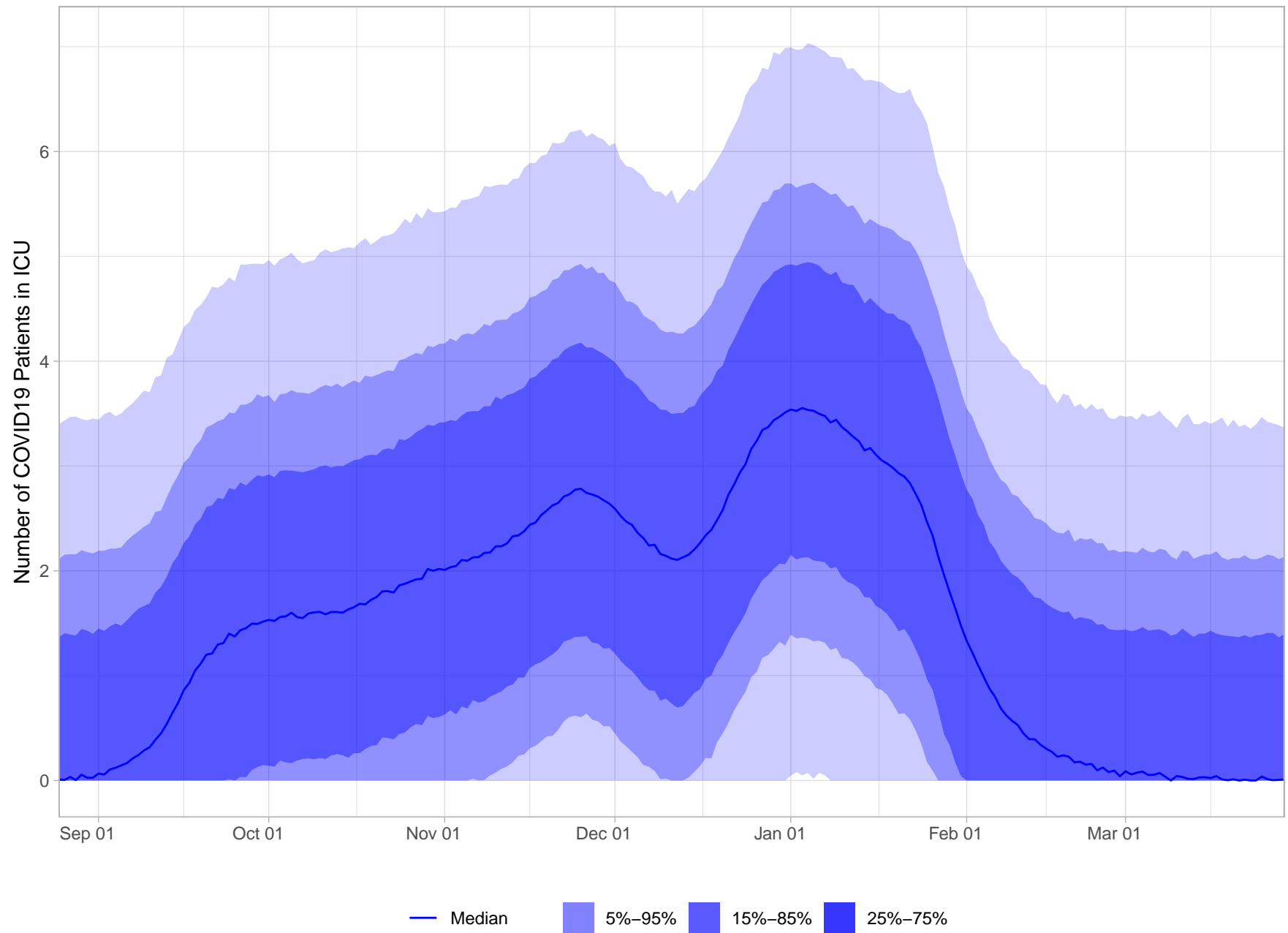
Long Term Hospitalization Projection



Short Term ICU Projection

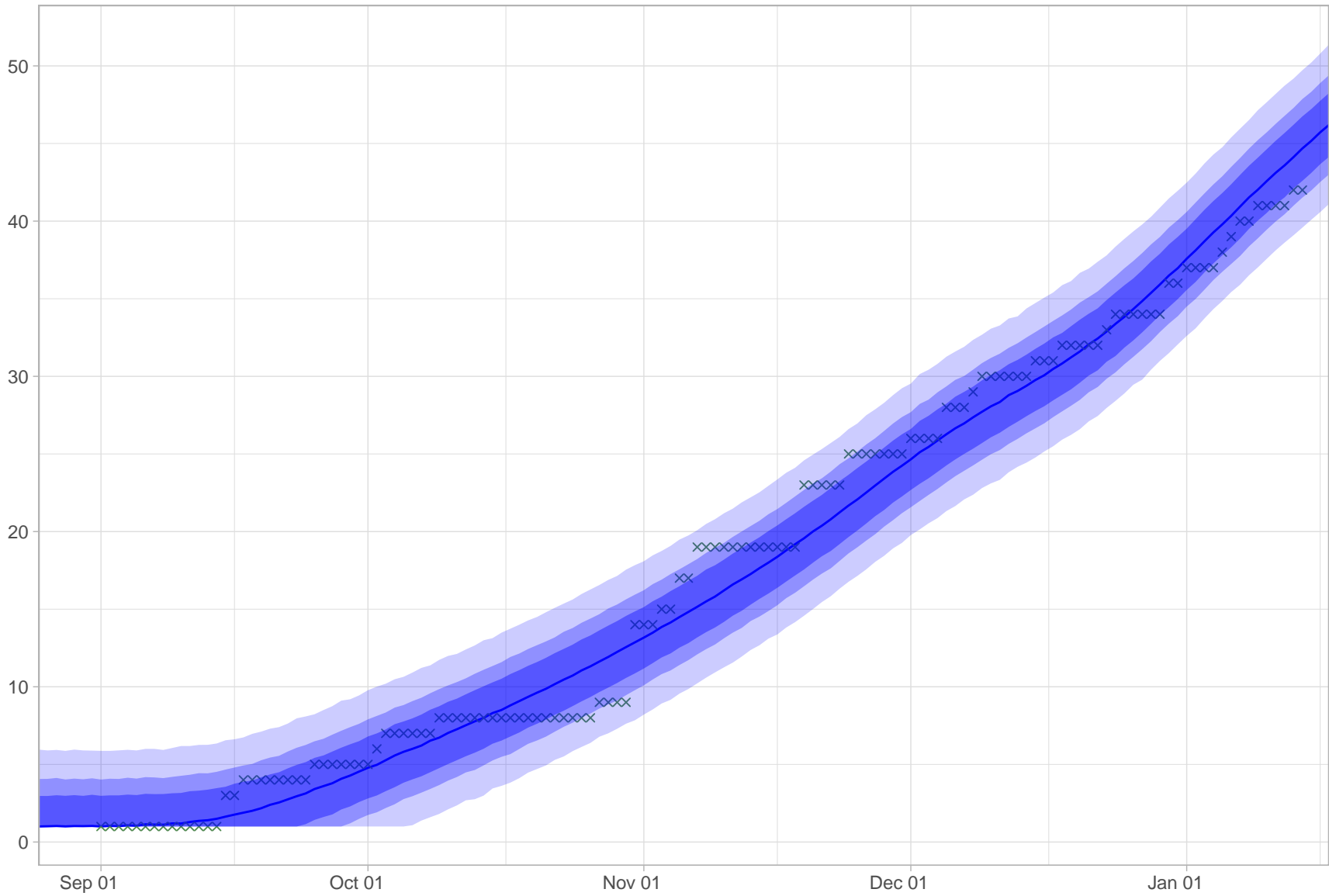


Long Term ICU Projection



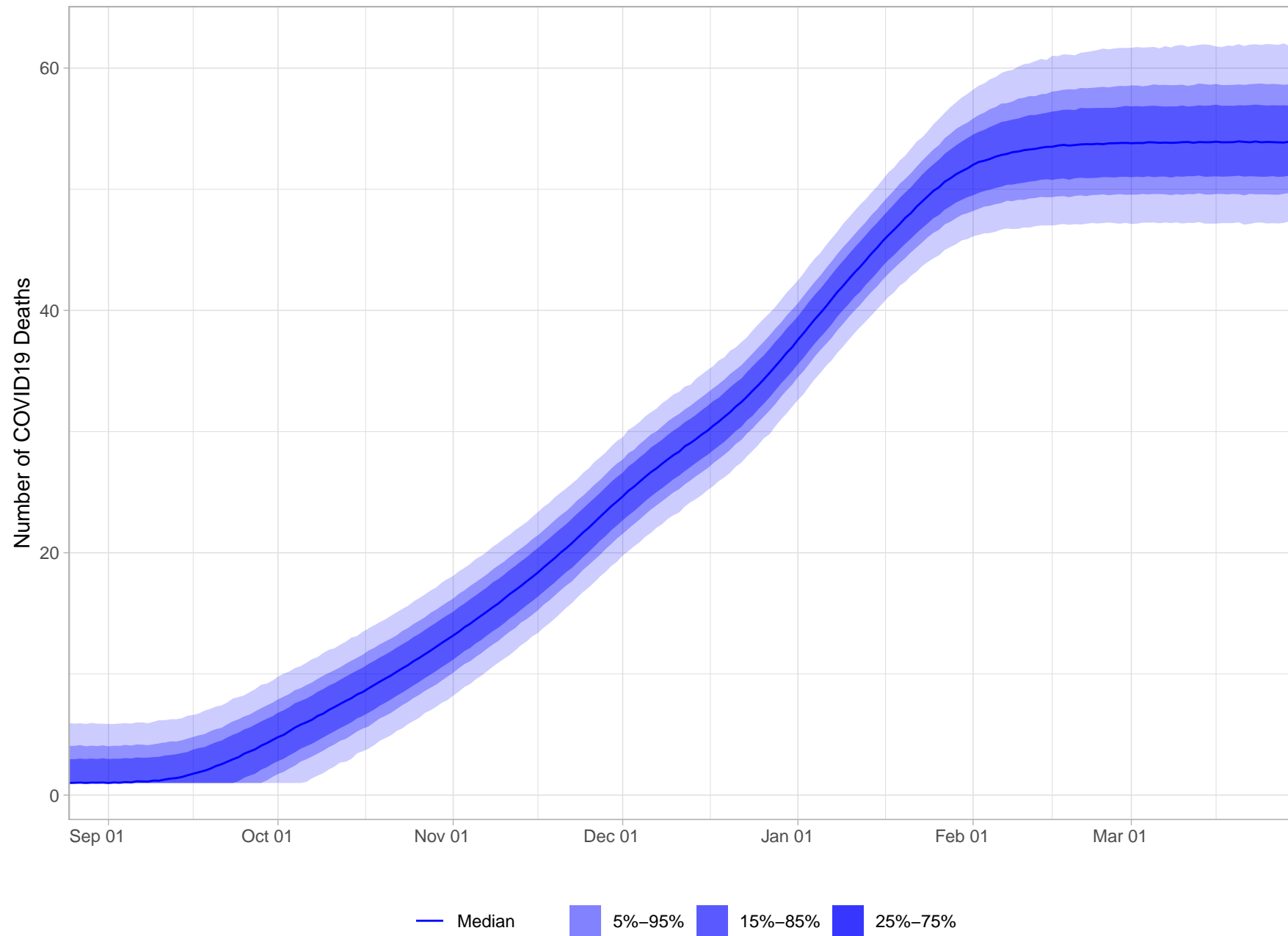
Short Term Death Projection

Number of COVID19 Deaths

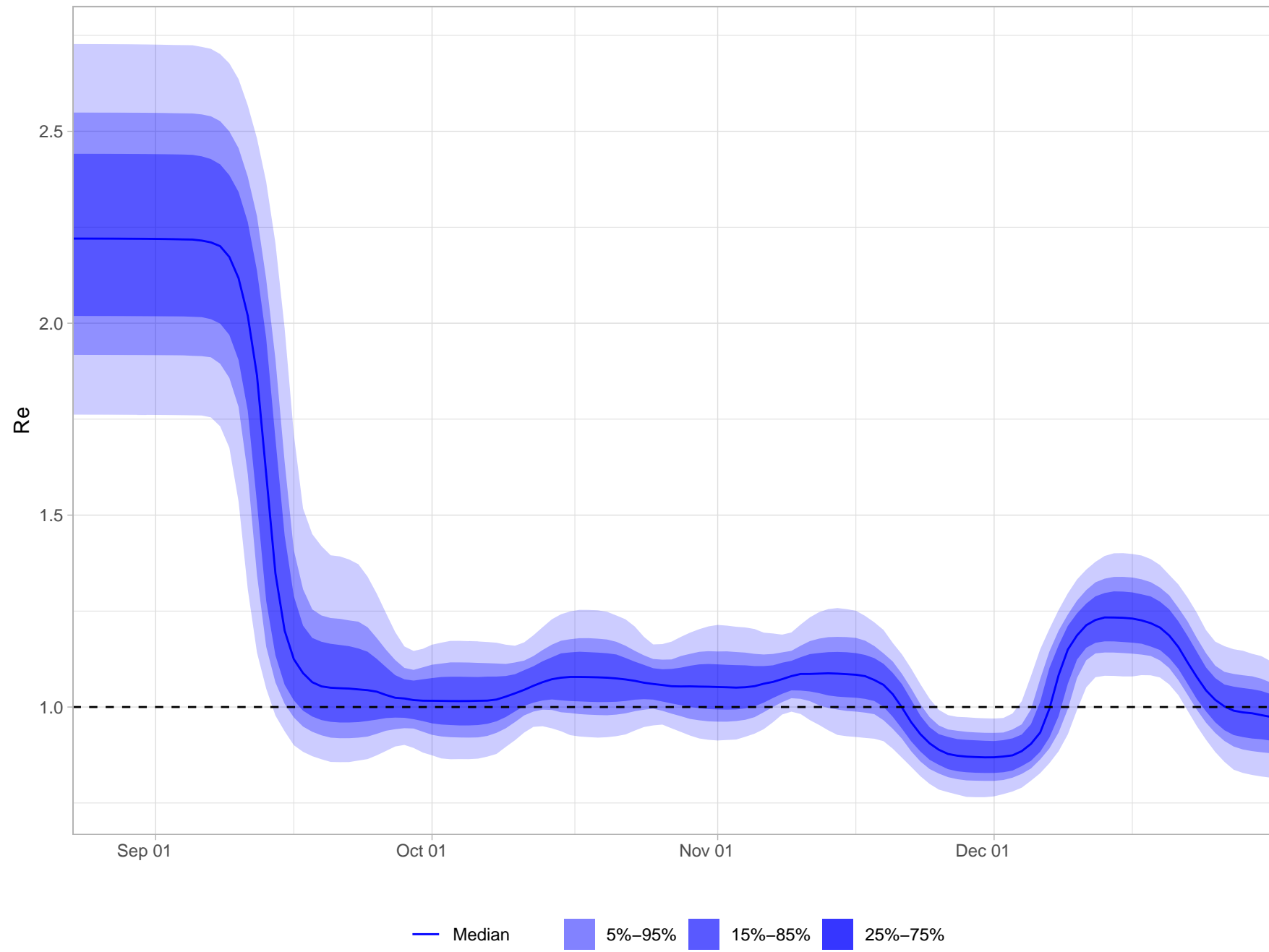


— Median x Confirmed 5%–95% 15%–85% 25%–75%

Long Term Death Projection

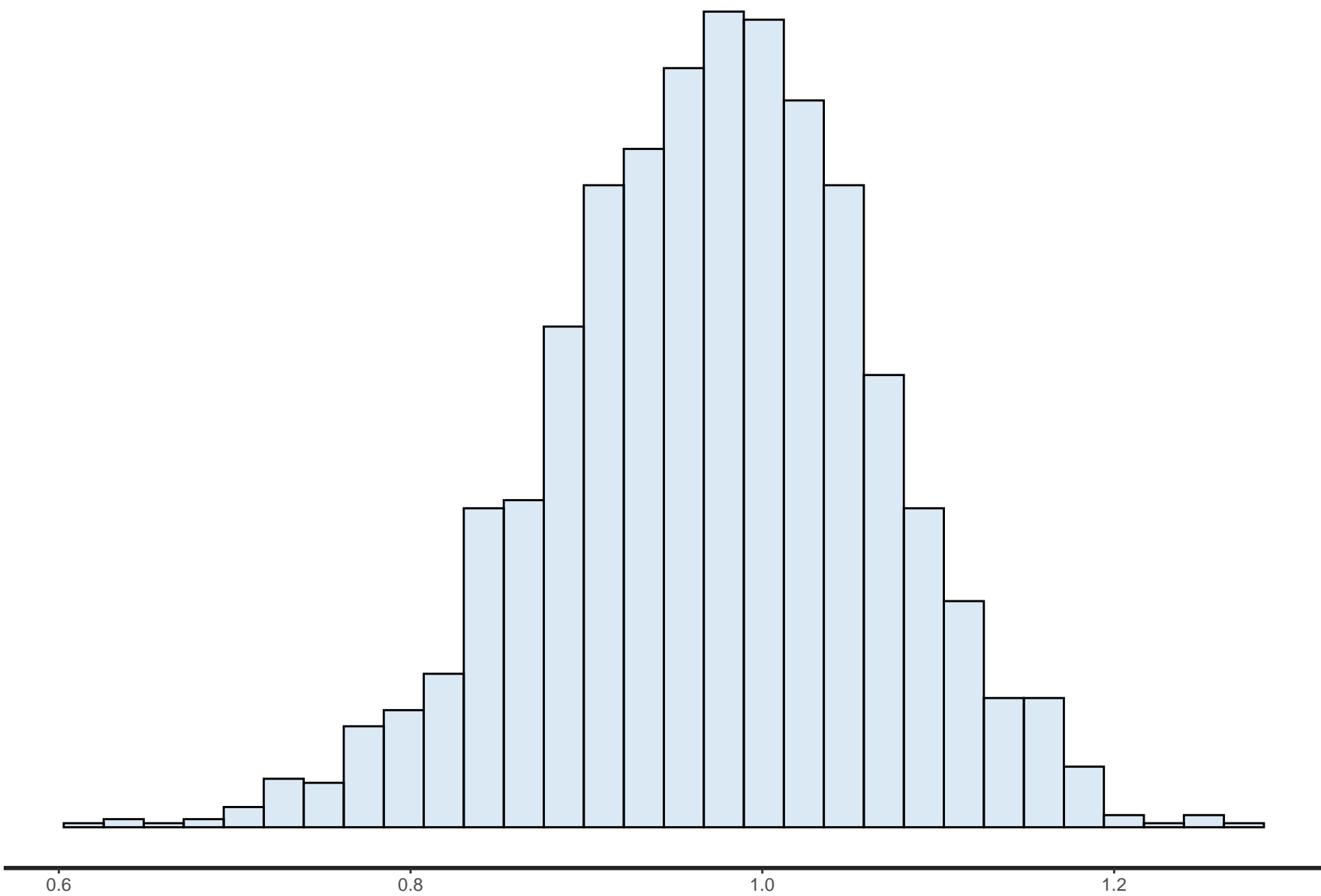


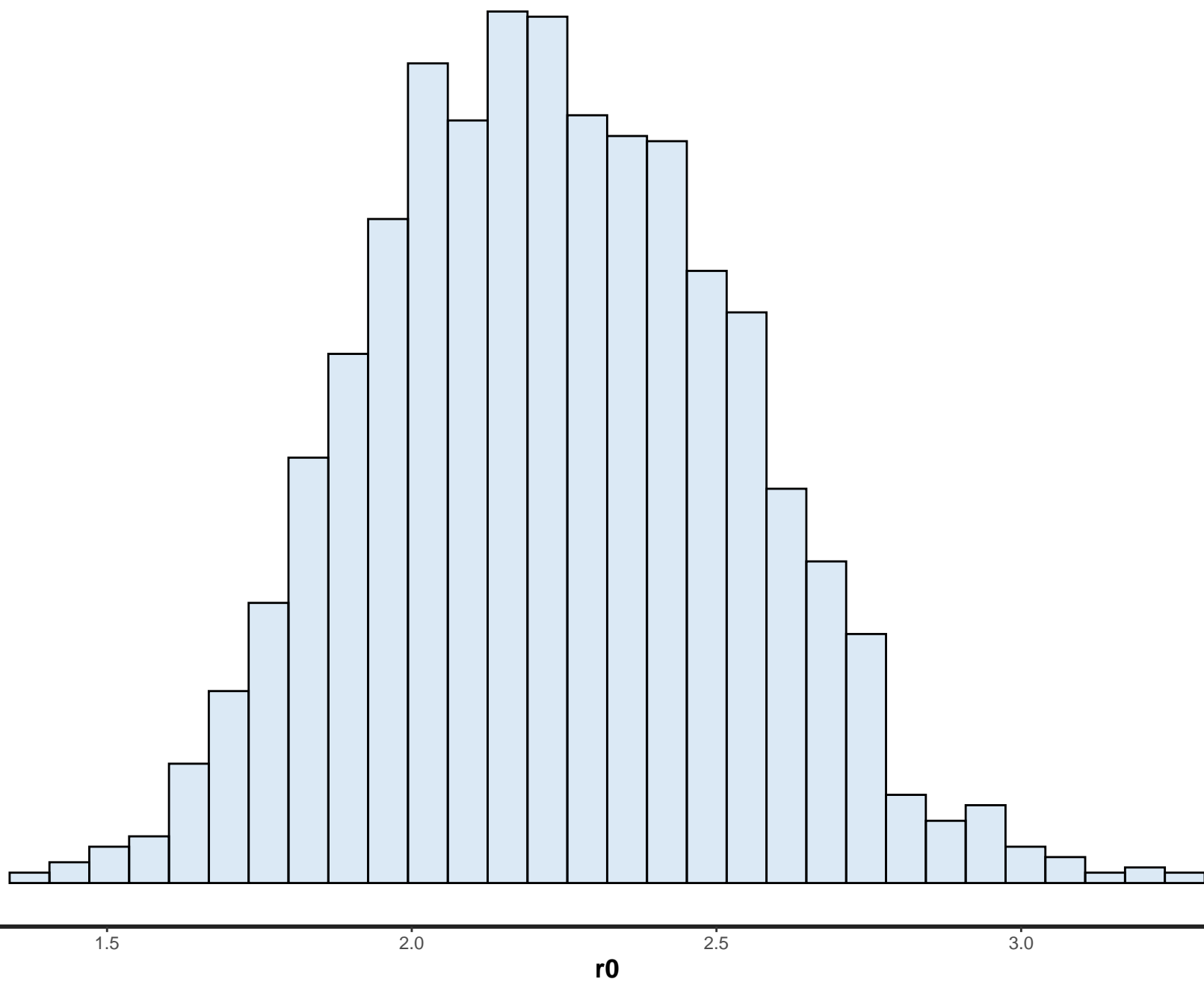
Effective Reproduction Number

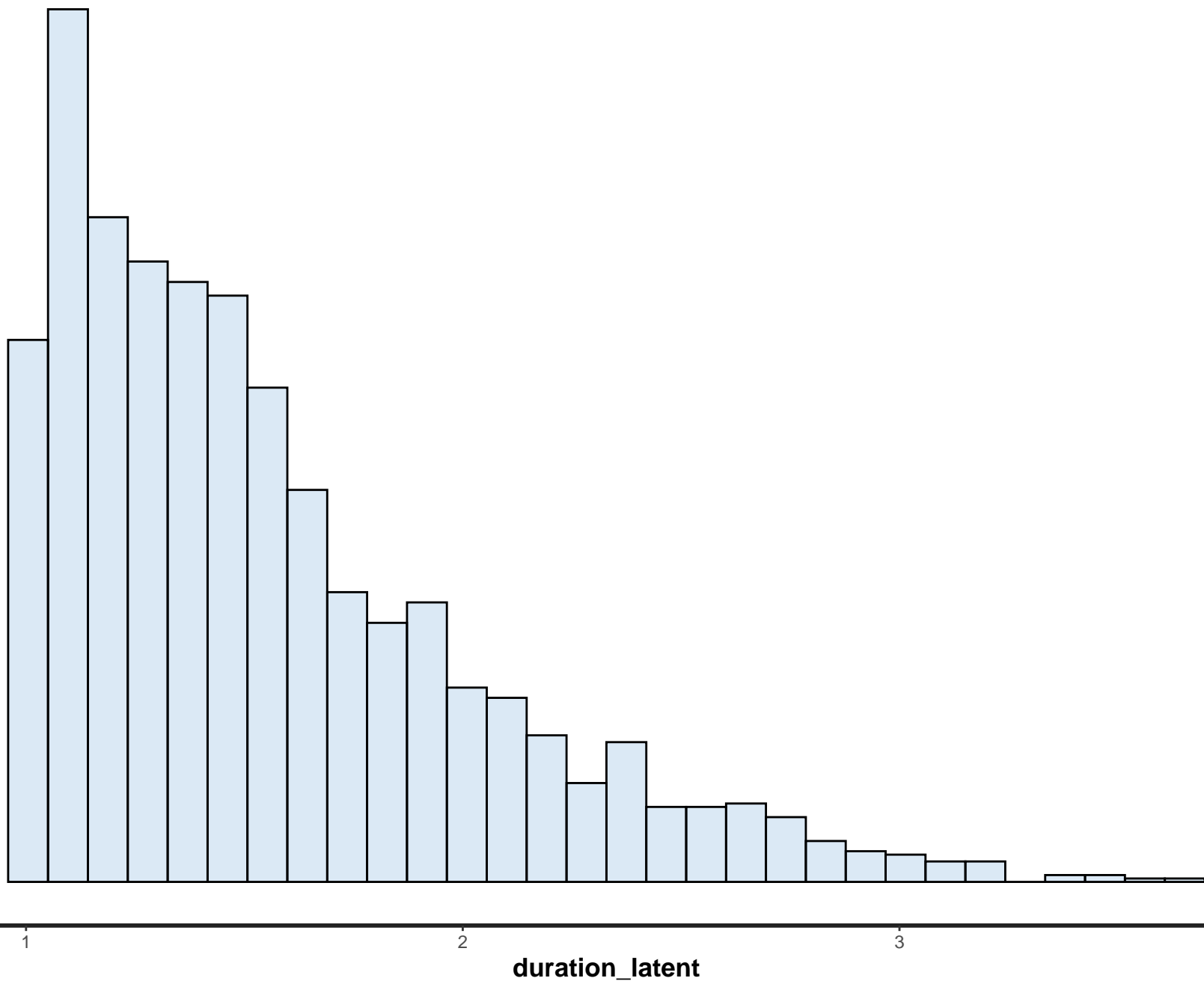


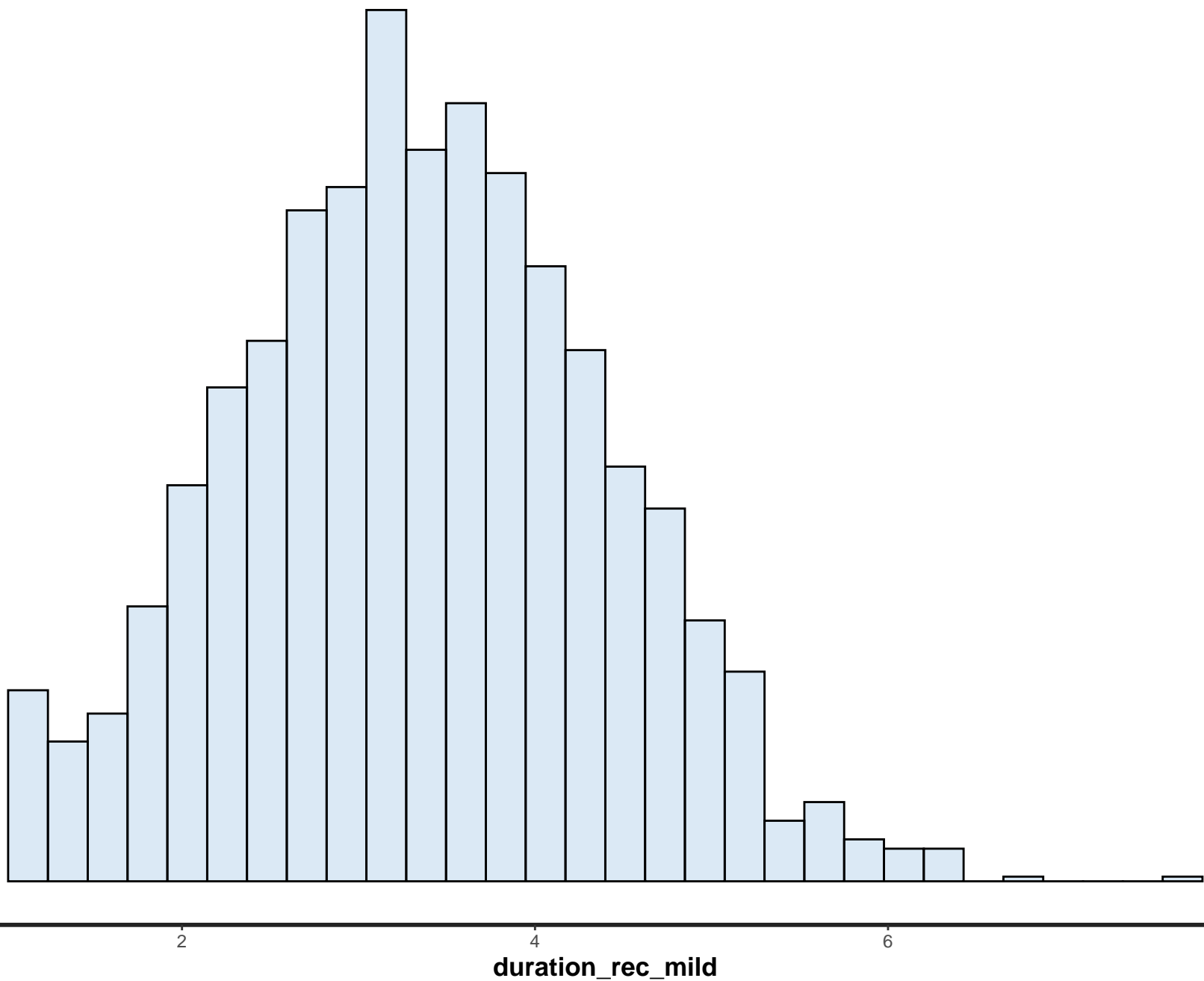
Rt as of 2020-12-31

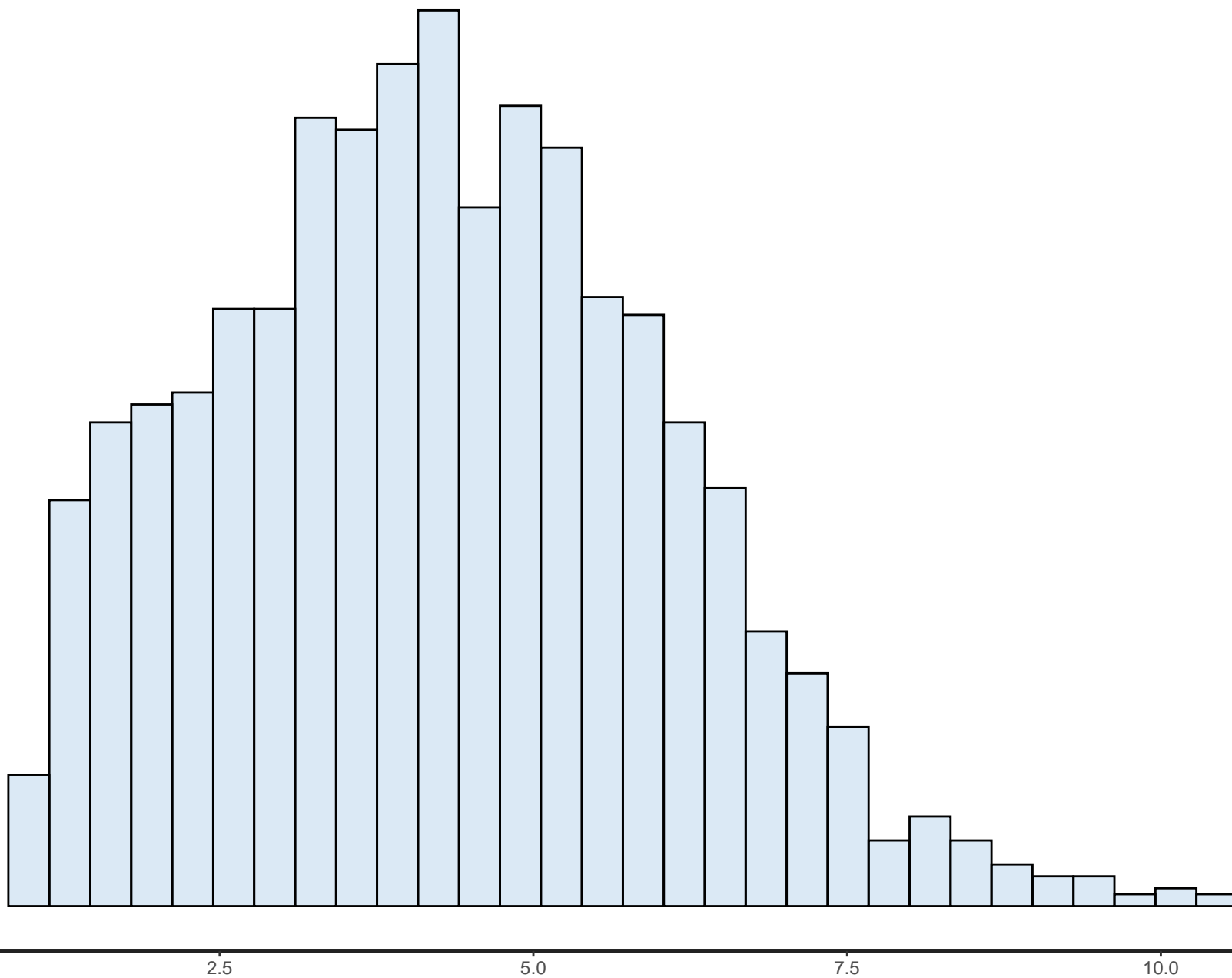
5% 10% 25% 50% 75% 90% 95%
0.82 0.85 0.91 0.97 1.03 1.09 1.12

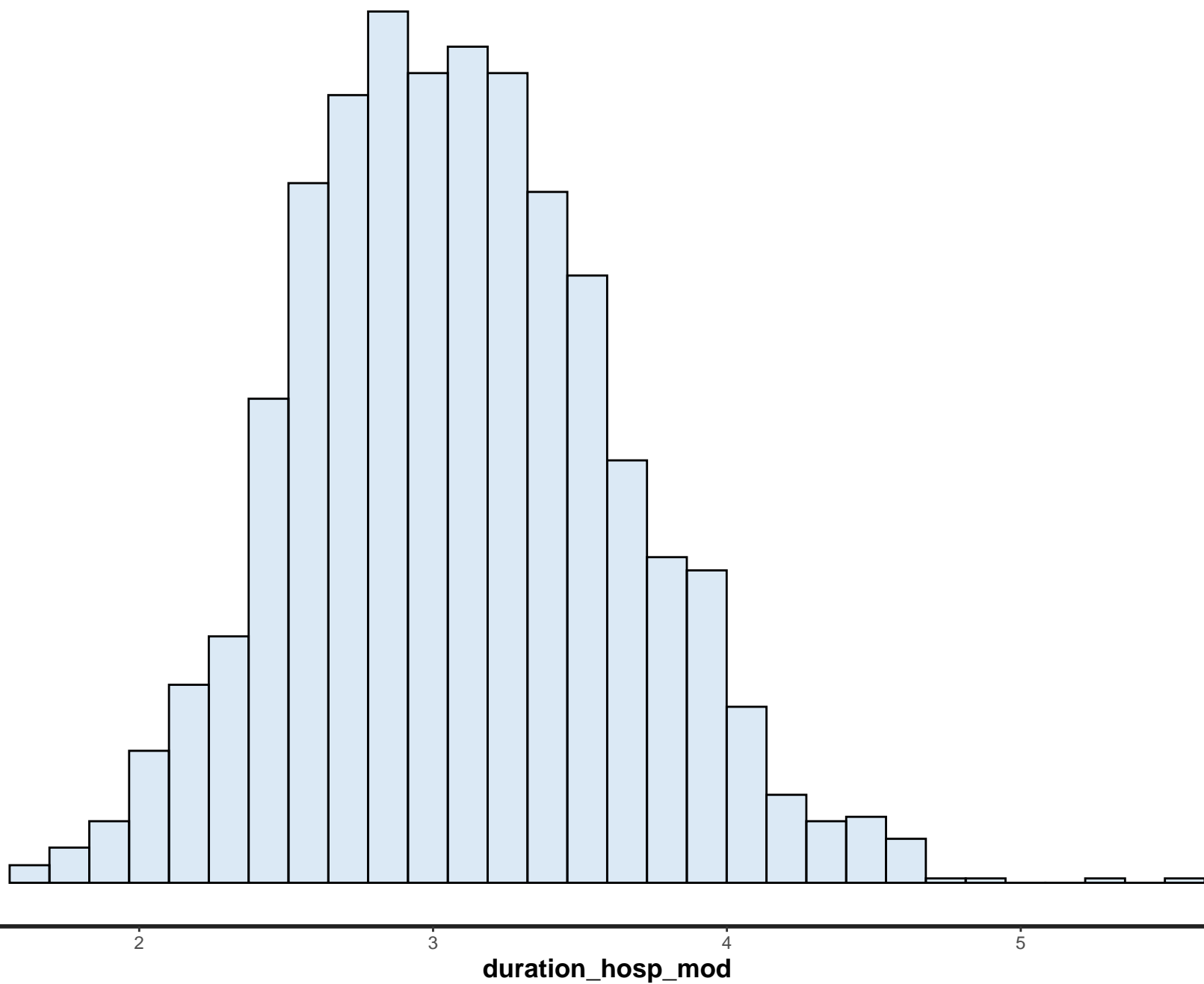


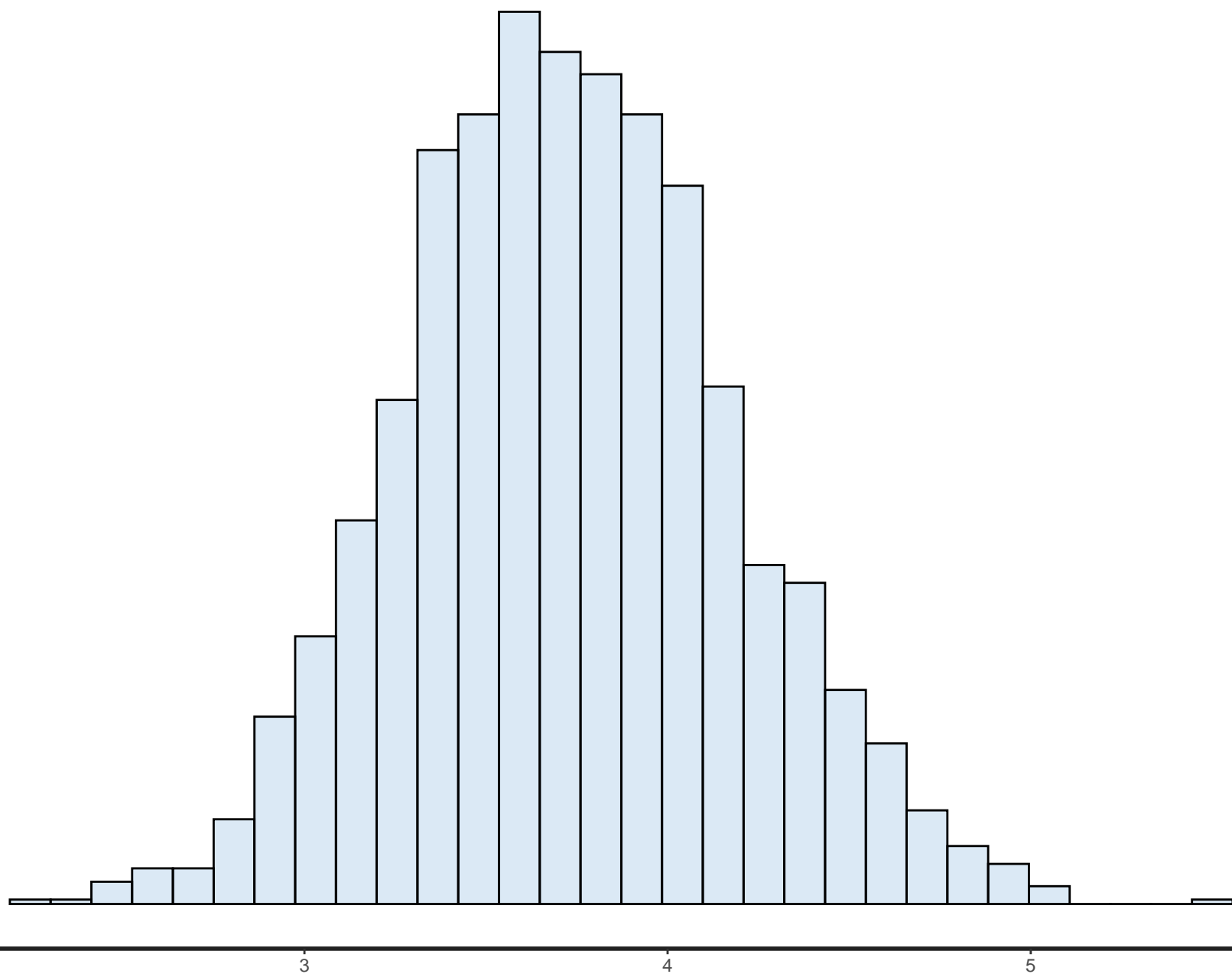


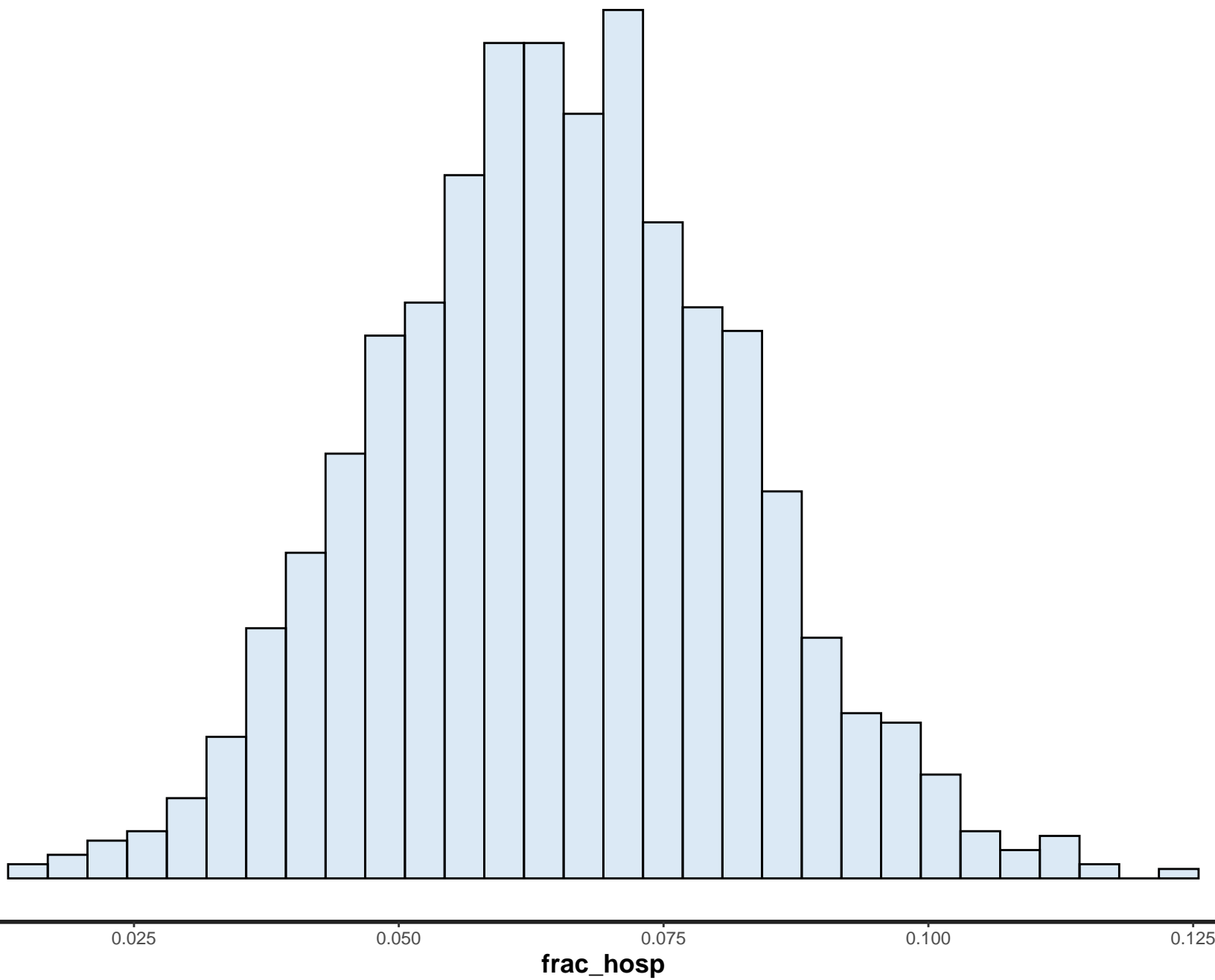


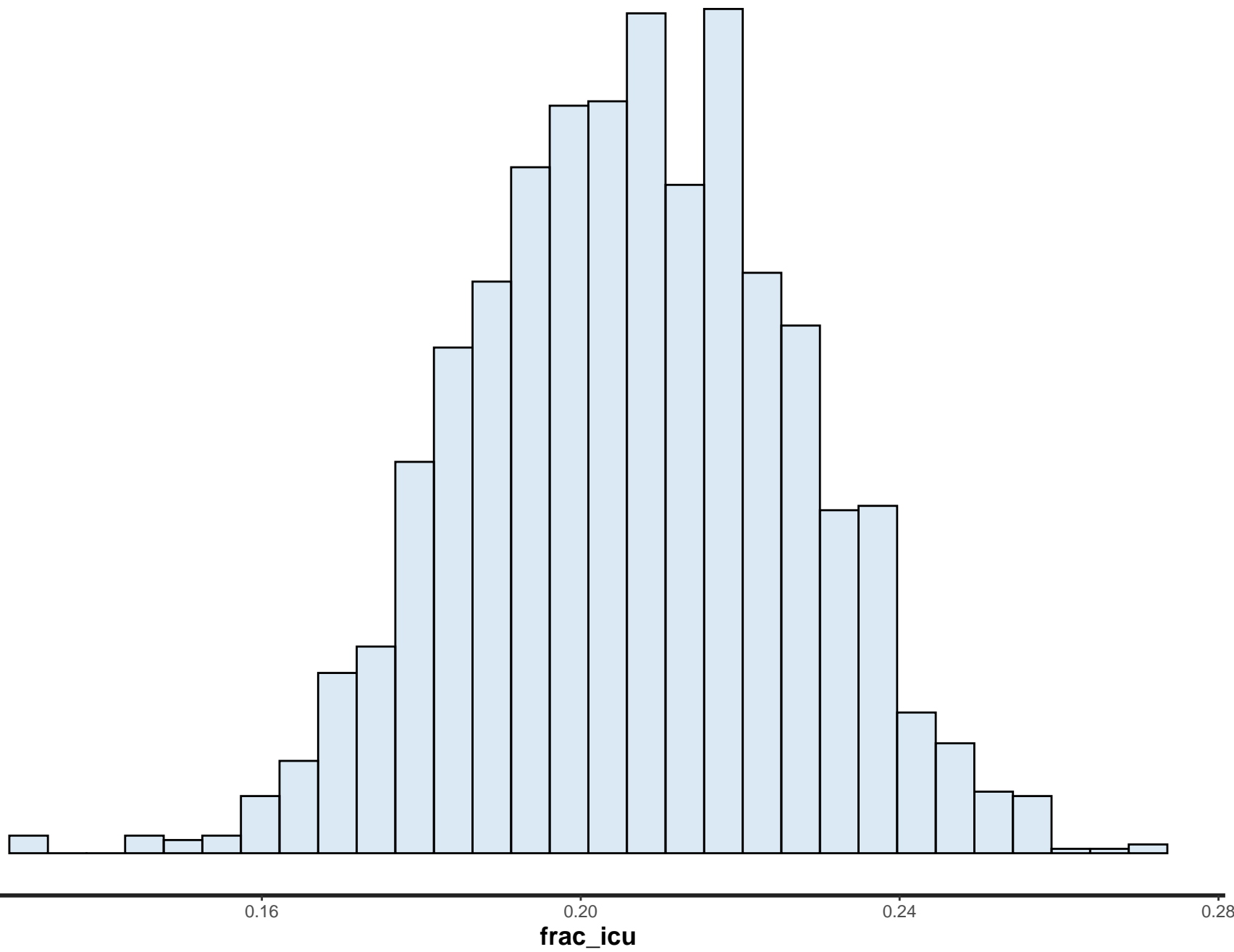


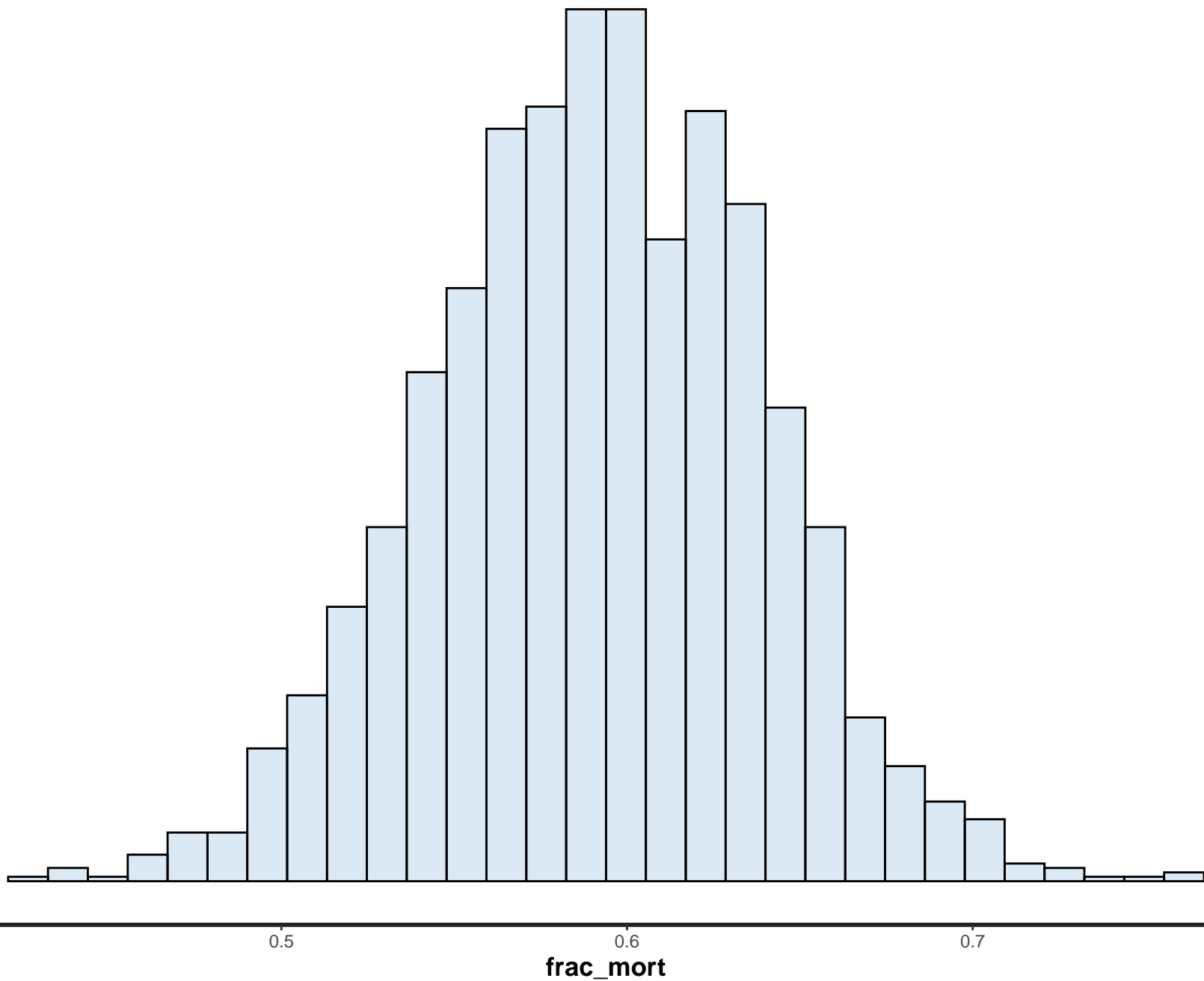




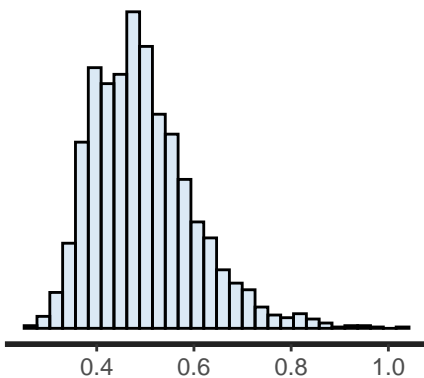




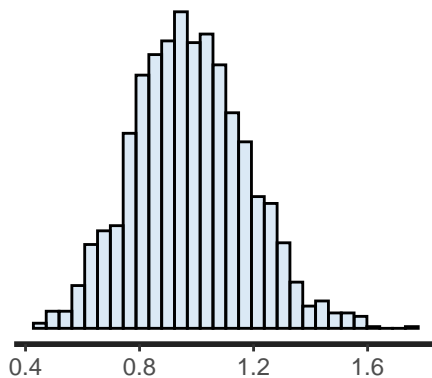




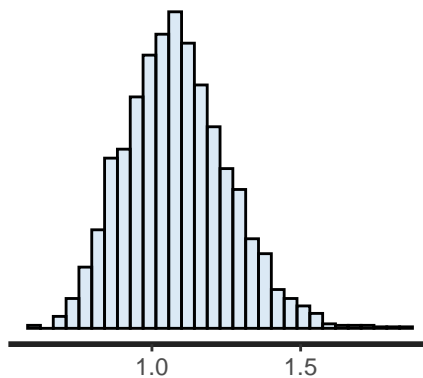
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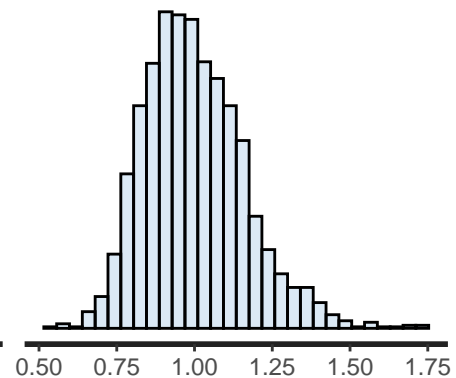
beta_multiplier[2]



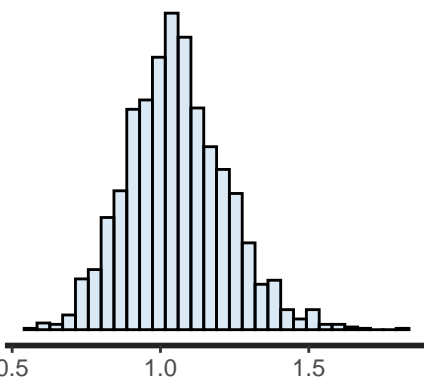
beta_multiplier[3]



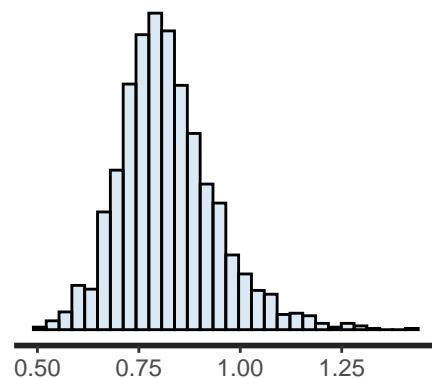
beta_multiplier[4]



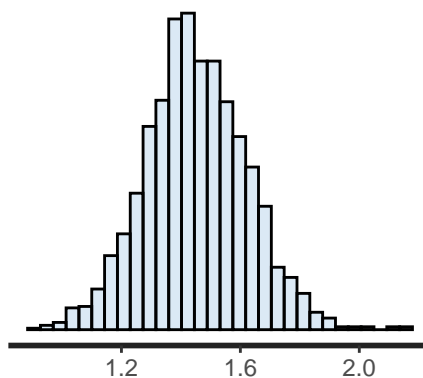
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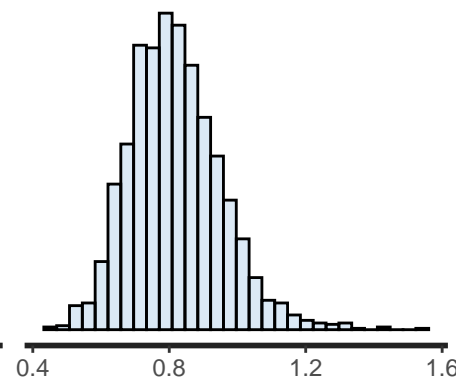
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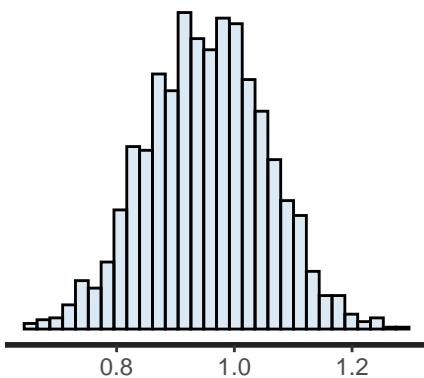
beta_multiplier[7]



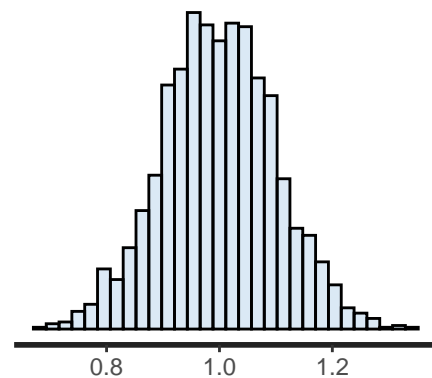
beta_multiplier[8]



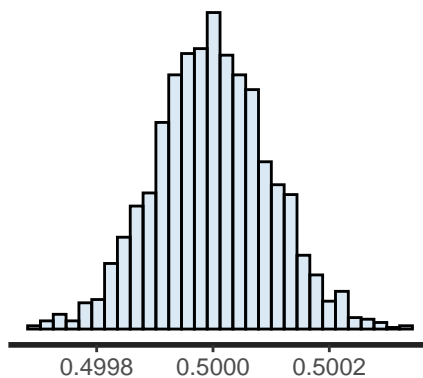
beta_multiplier[9]

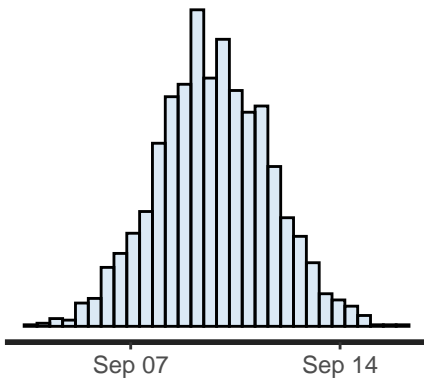
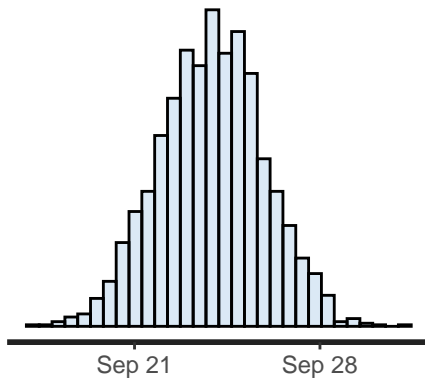
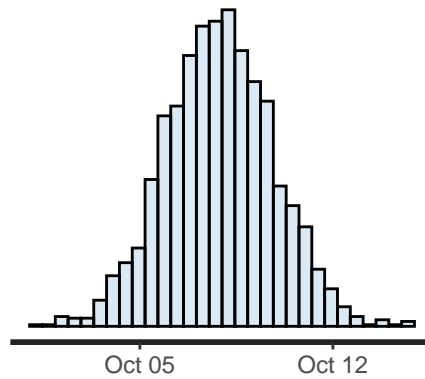
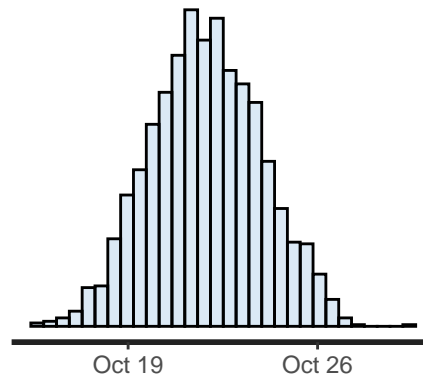
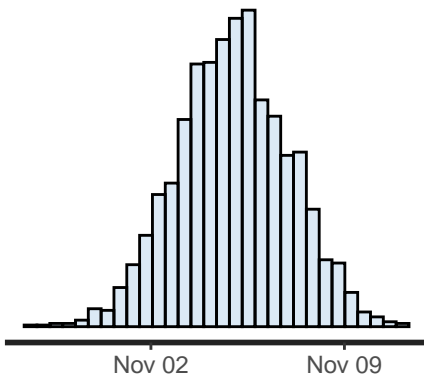
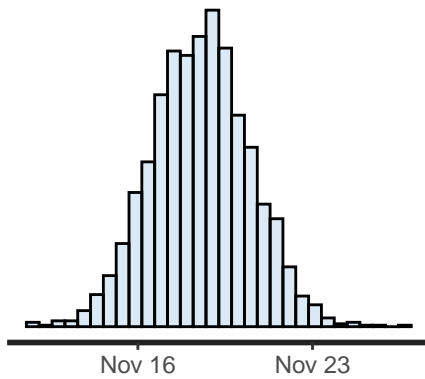
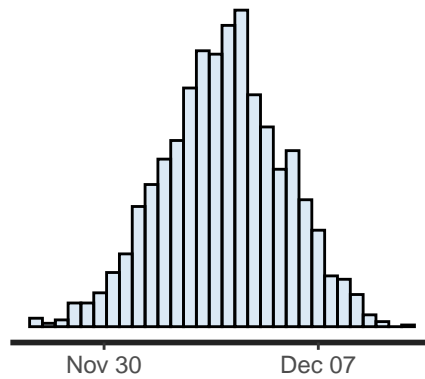
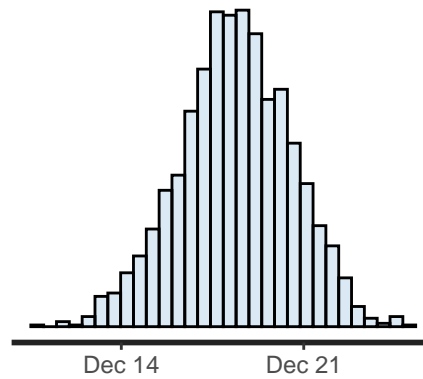
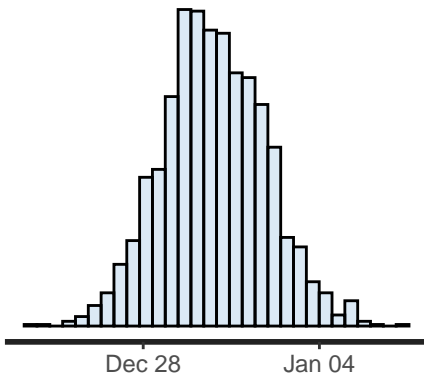
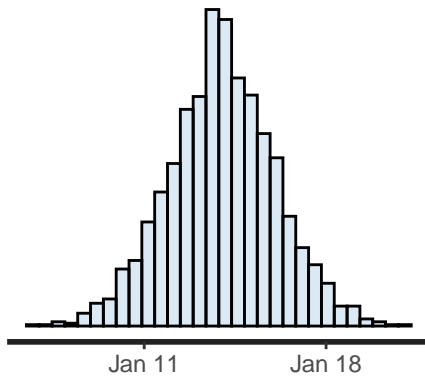
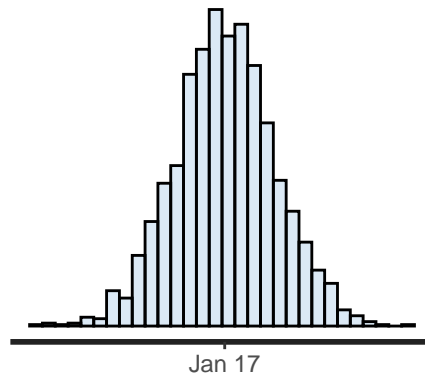


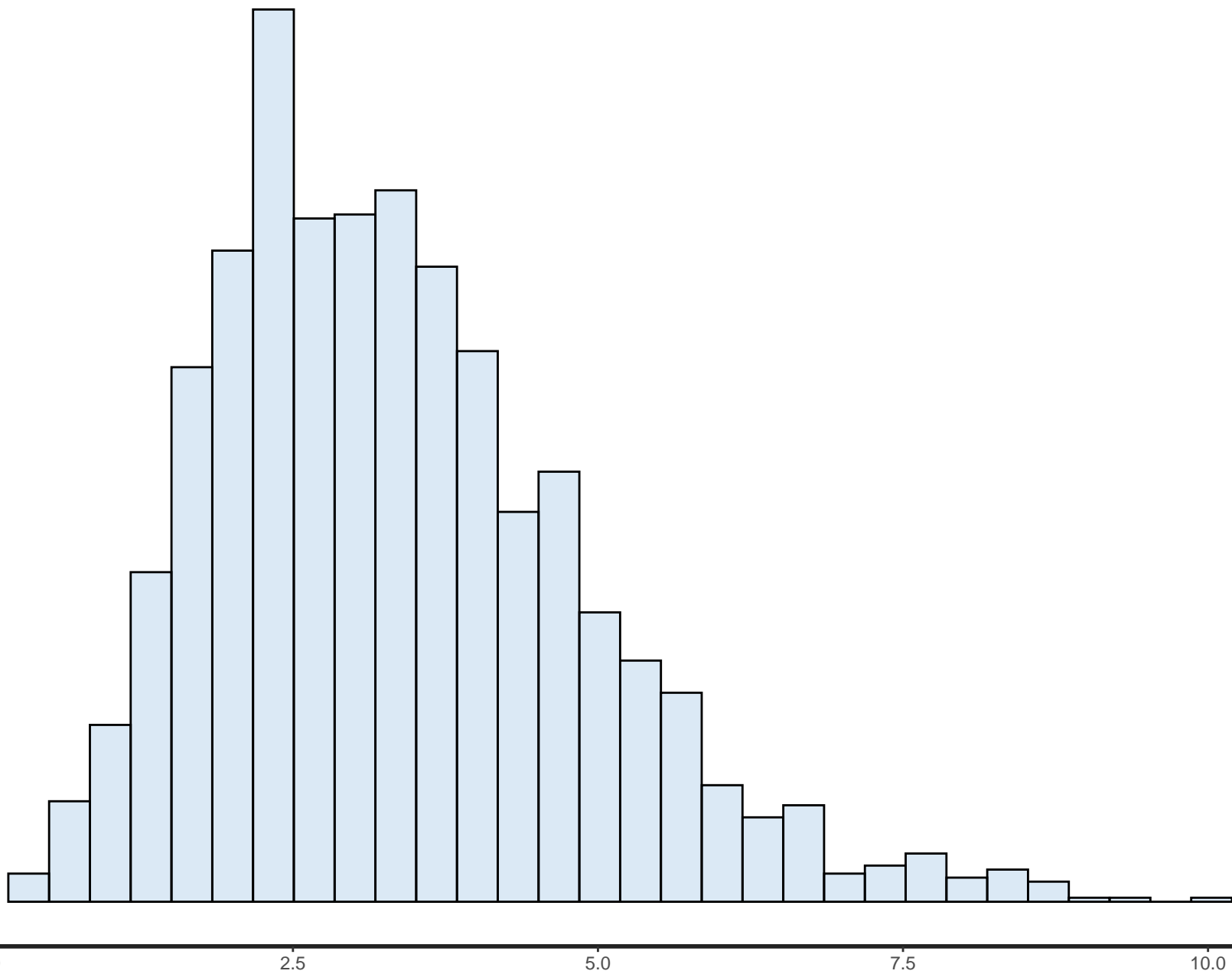
beta_multiplier[10]



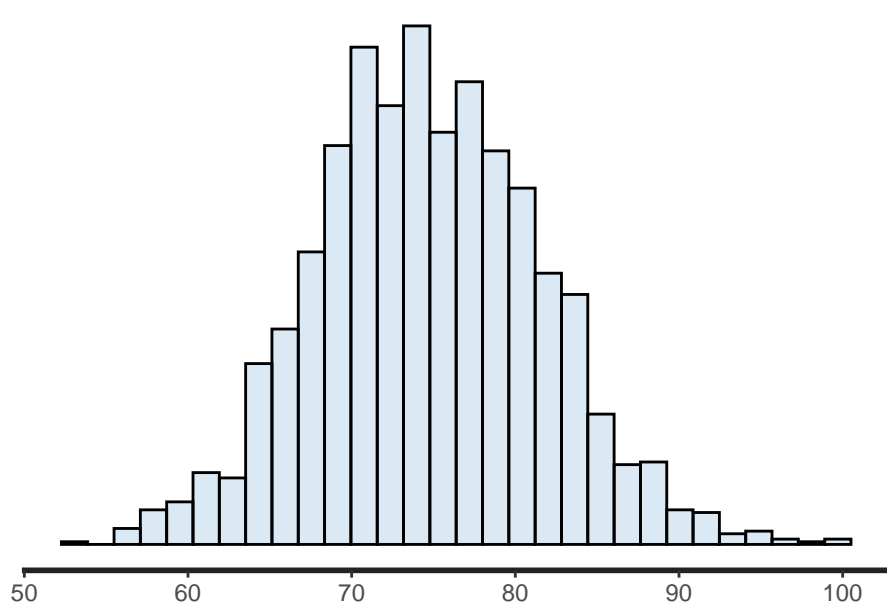
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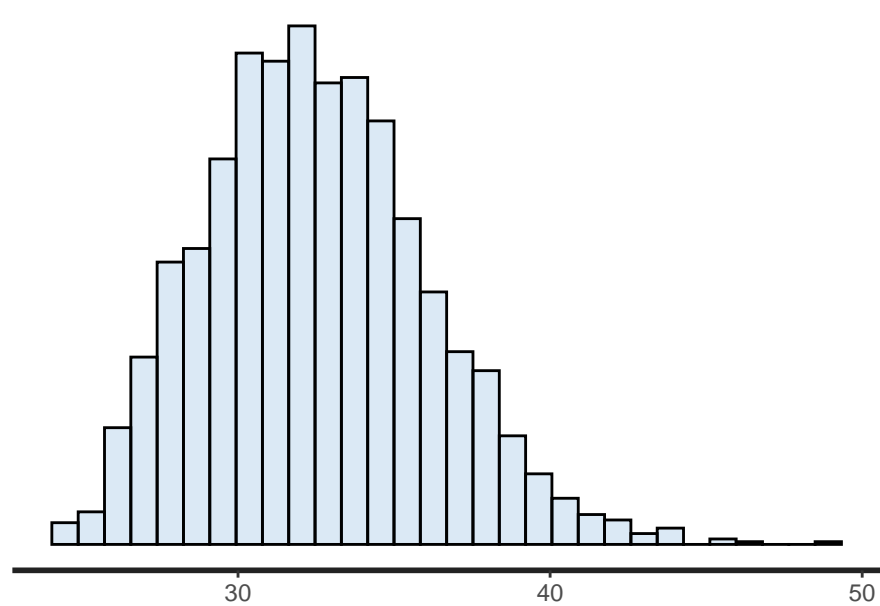
t_inter[1]**t_inter[2]****t_inter[3]****t_inter[4]****t_inter[5]****t_inter[6]****t_inter[7]****t_inter[8]****t_inter[9]****t_inter[10]****t_inter[11]**



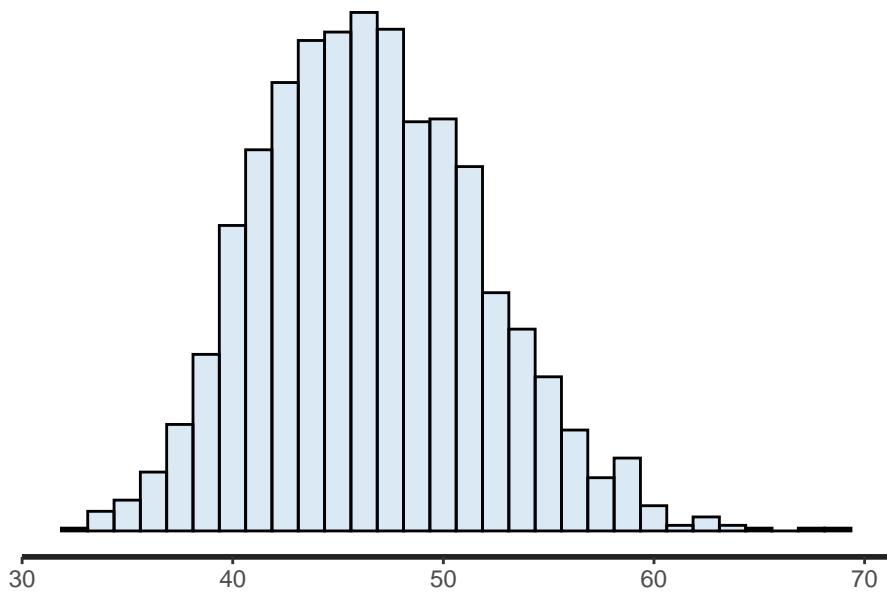
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

