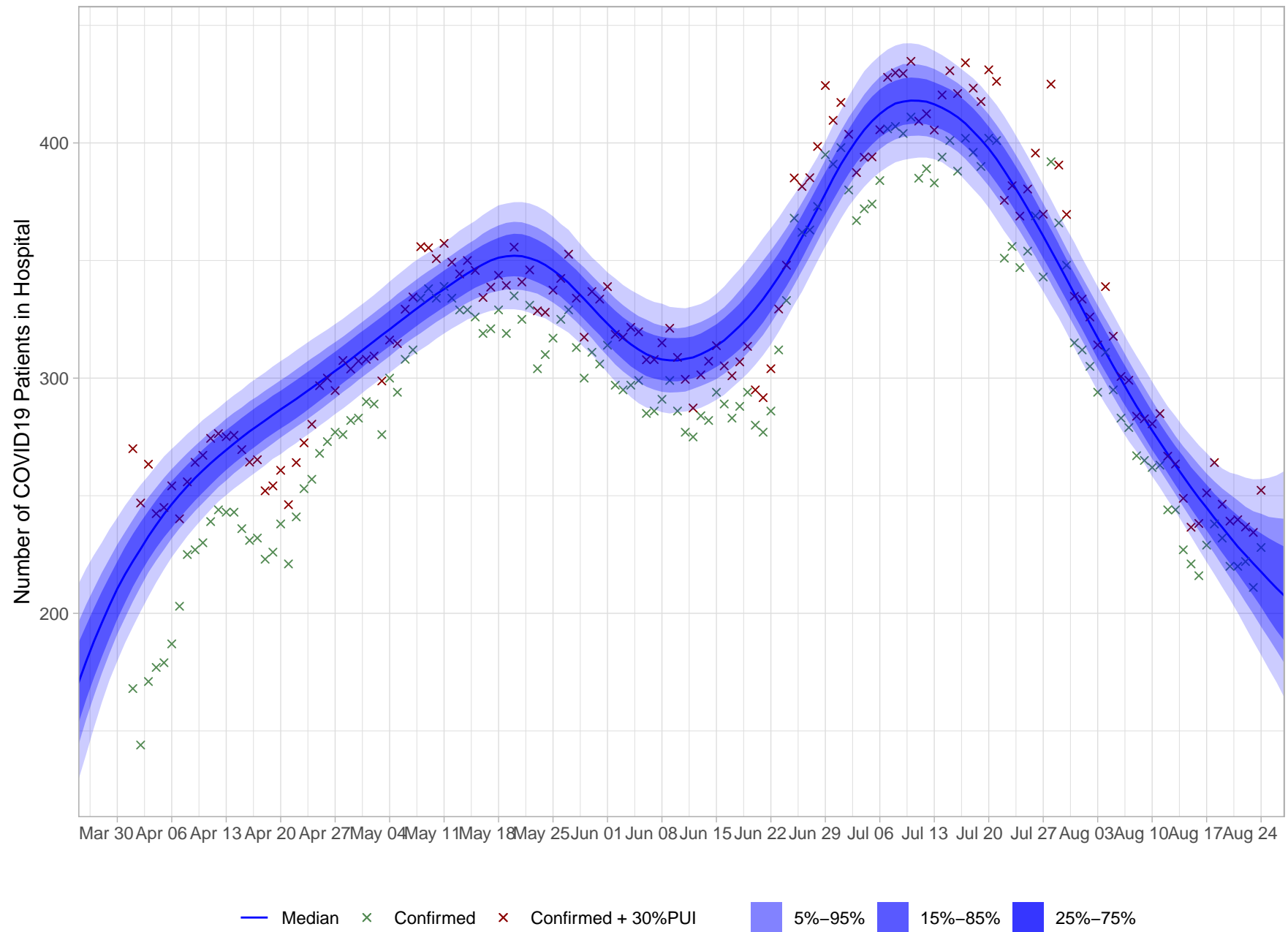
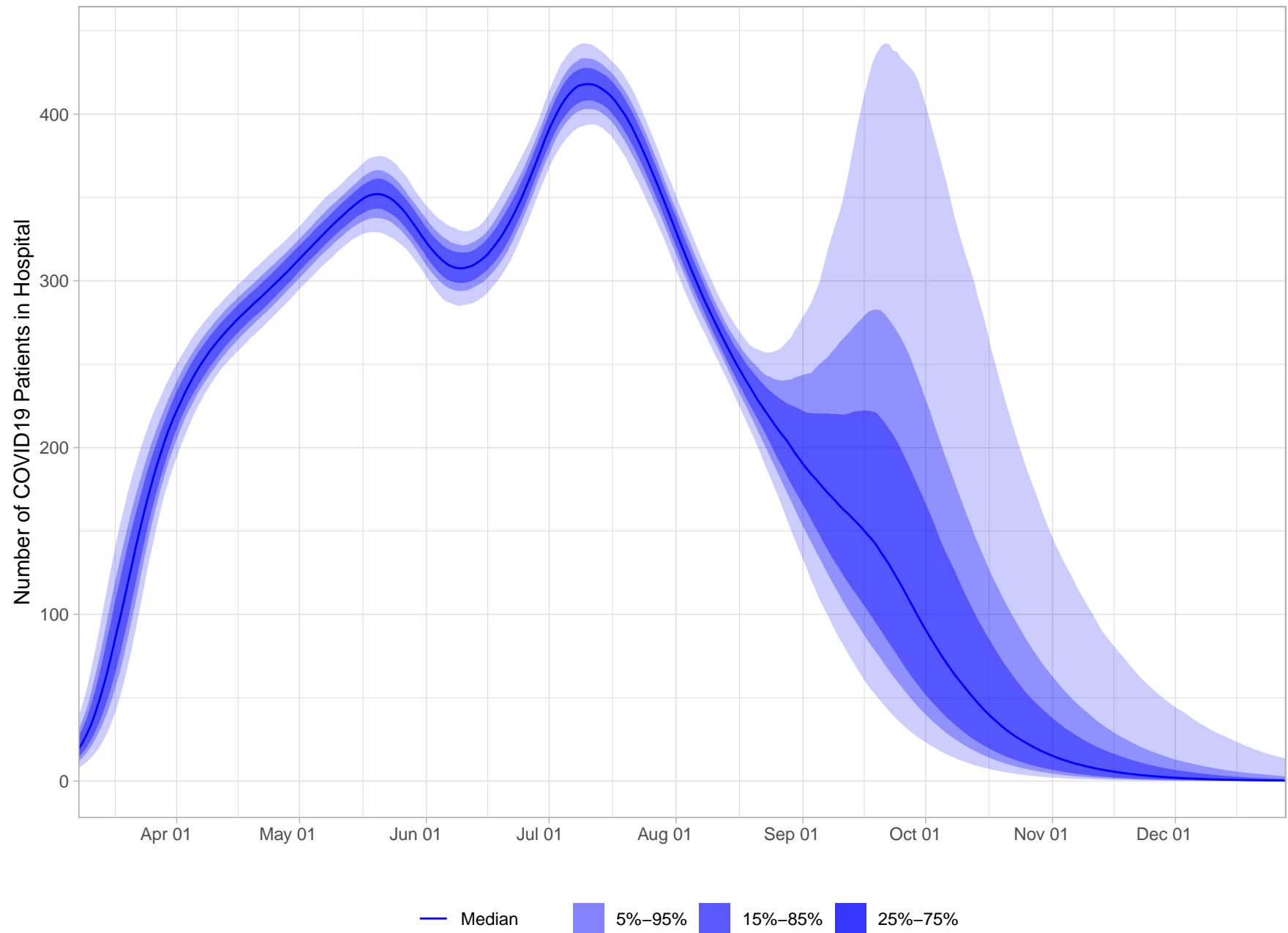


Short Term Hospitalization Projection

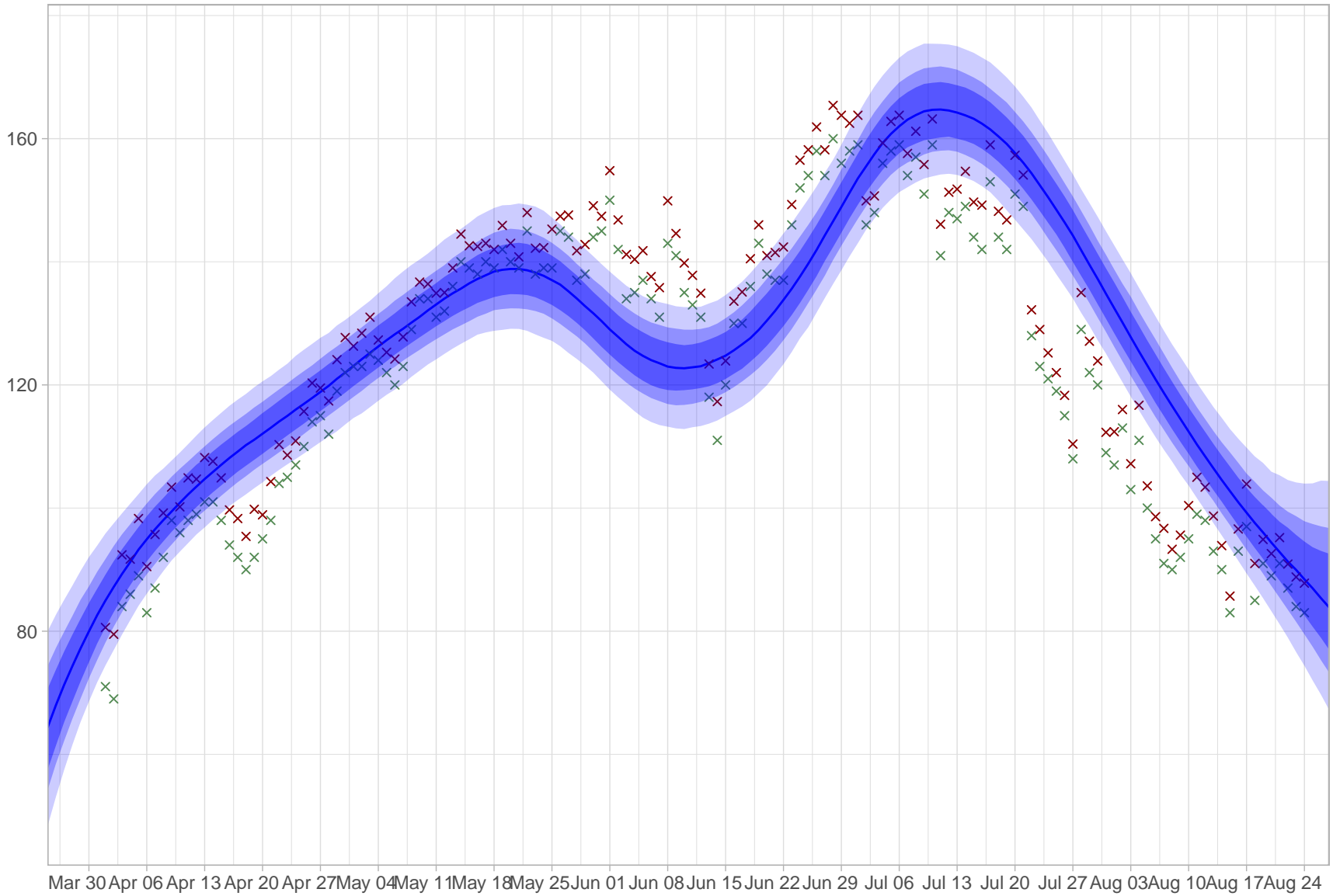


Long Term Hospitalization Projection



Short Term ICU Projection

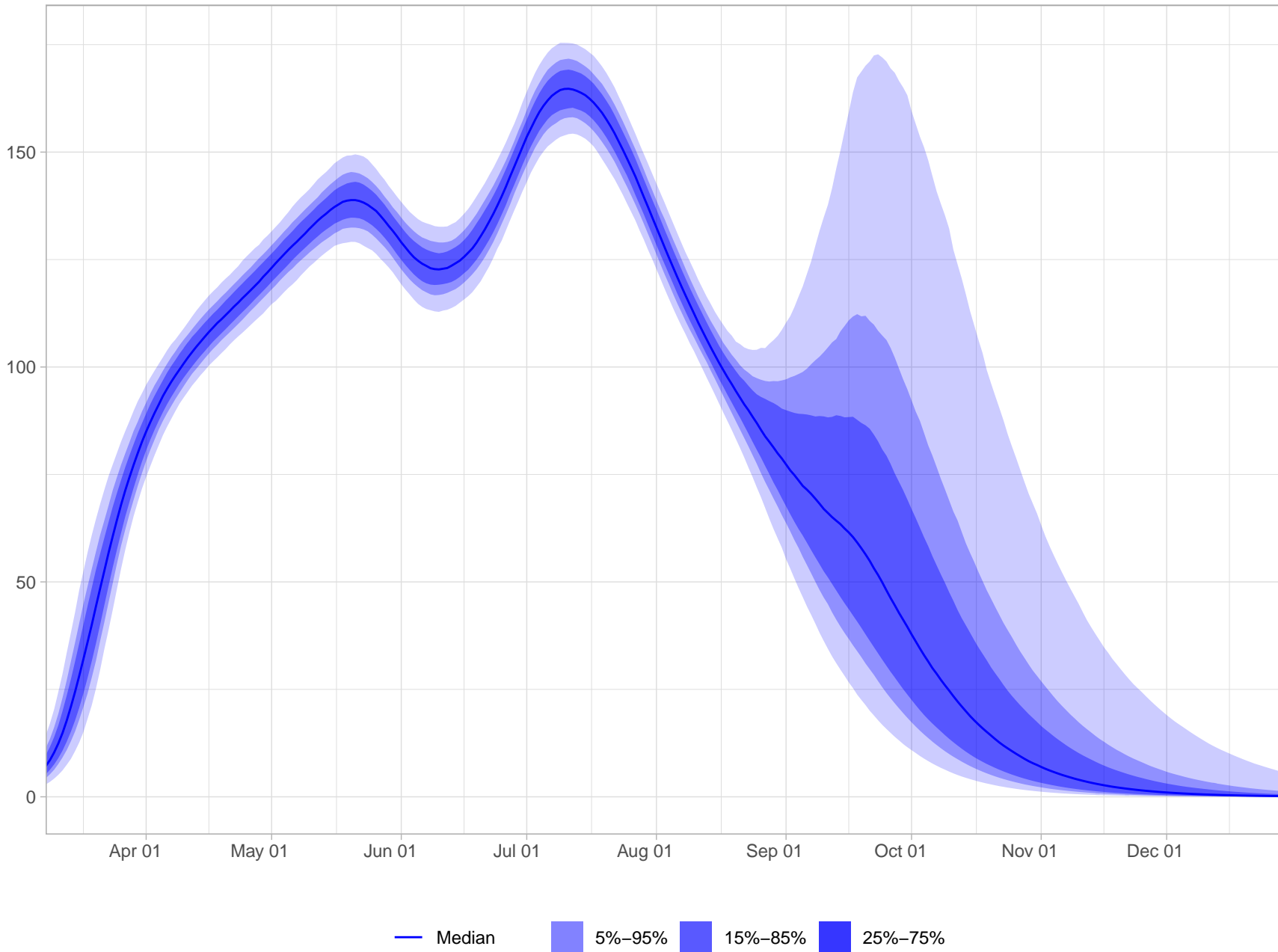
Number of COVID19 Patients in ICU



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

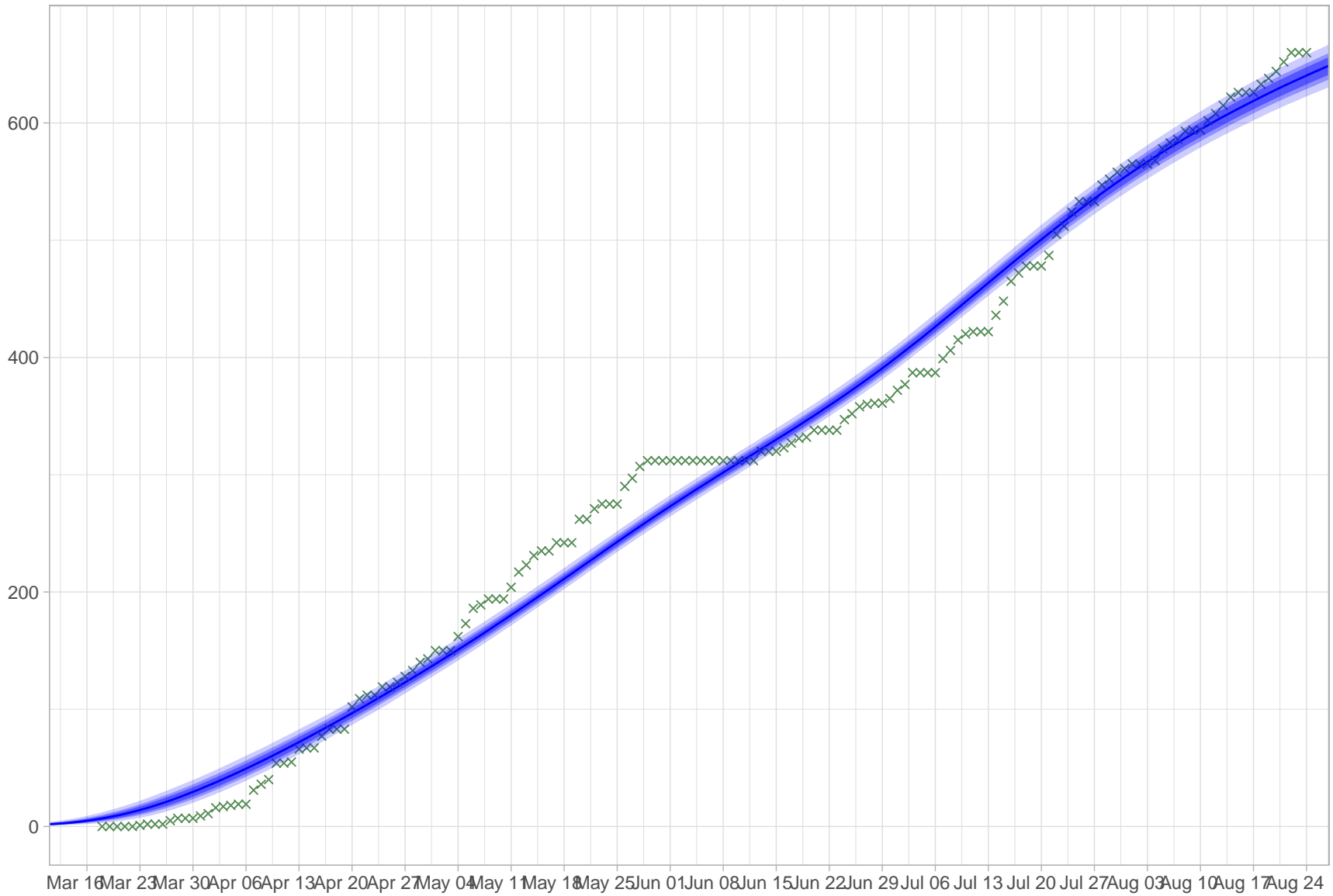
Long Term ICU Projection

Number of COVID19 Patients in ICU



Short Term Death Projection

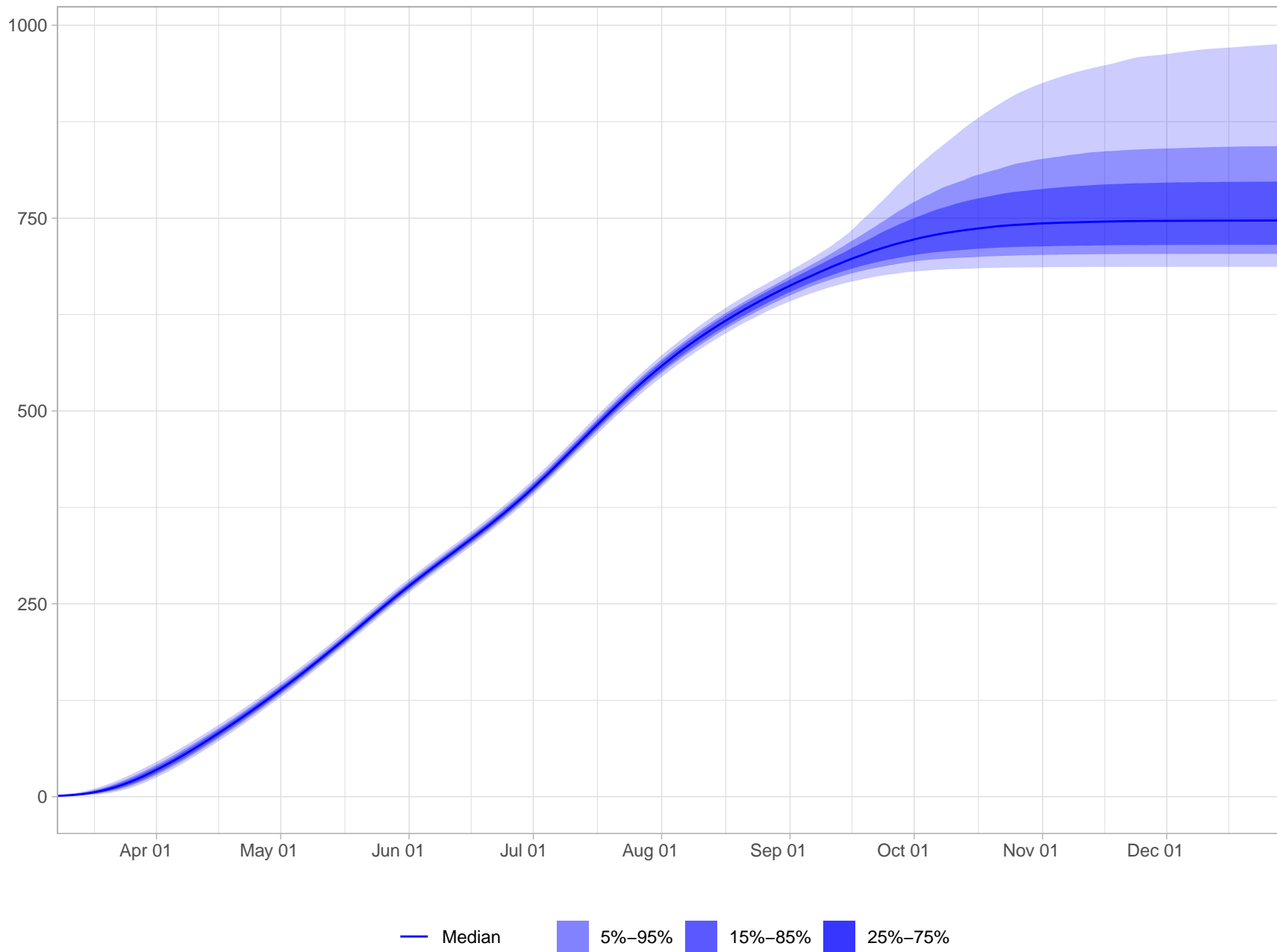
Number of COVID19 Deaths



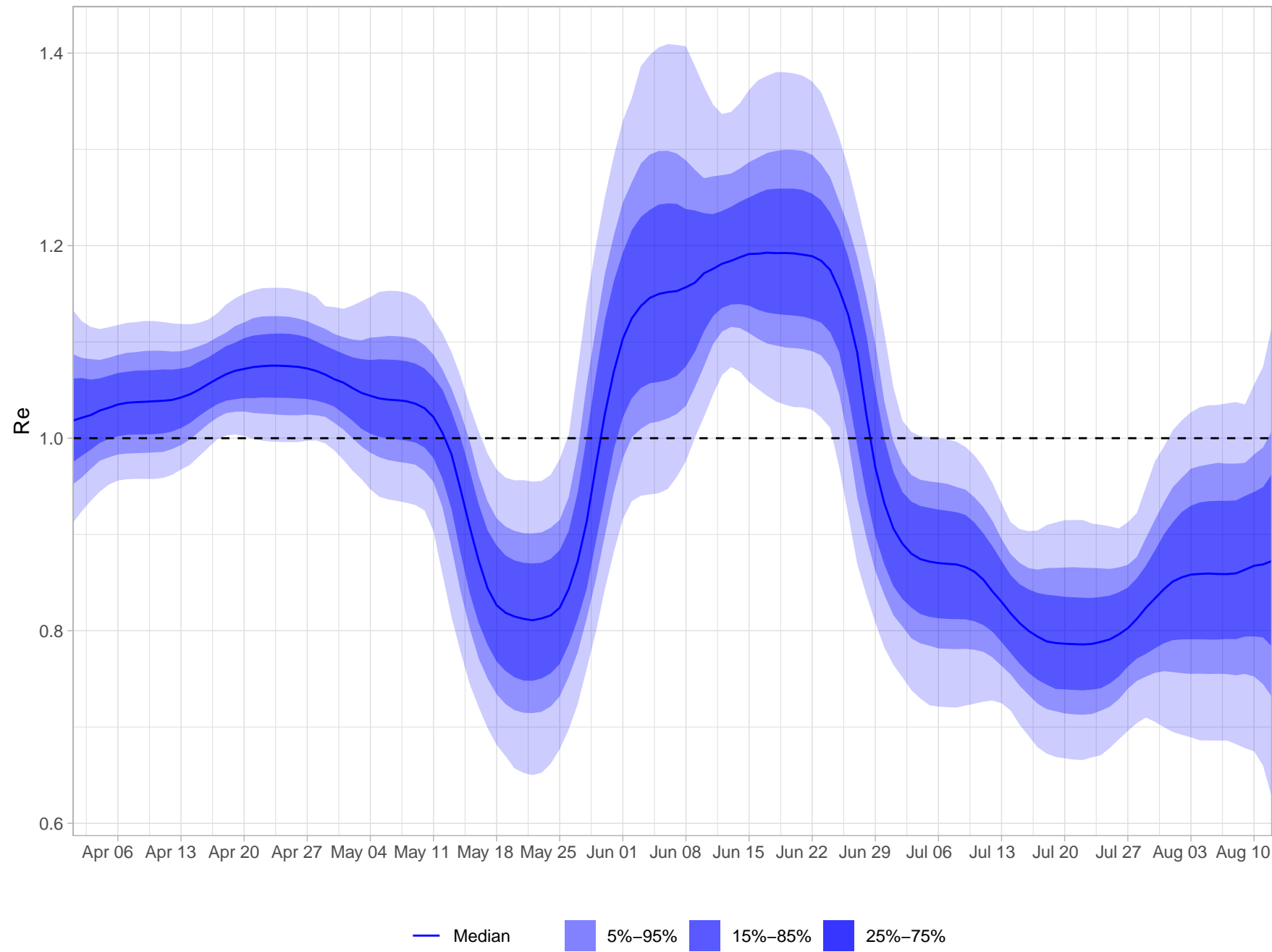
Median × Confirmed 5%-95% 15%-85% 25%-75%

Long Term Death Projection

Number of COVID19 Deaths

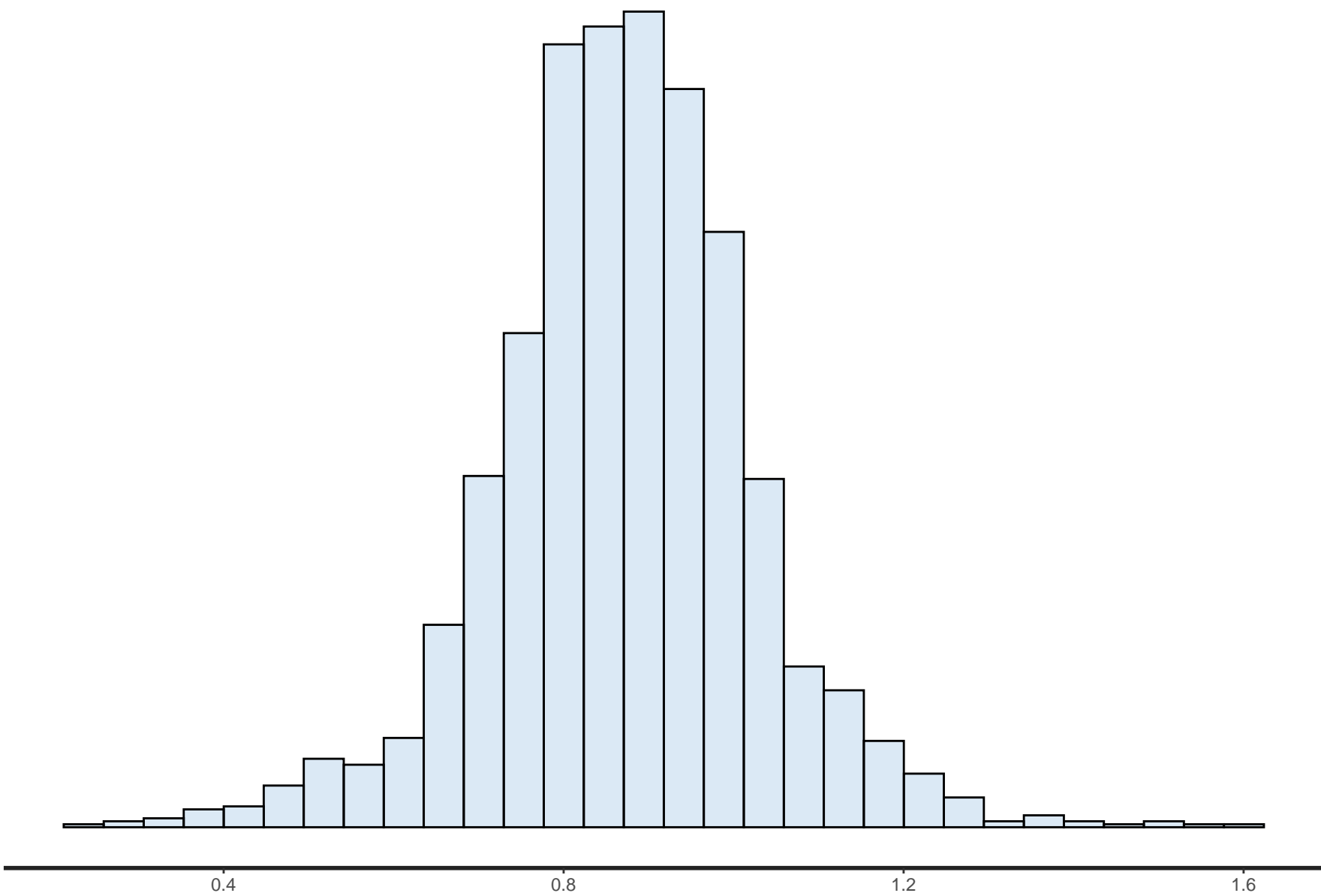


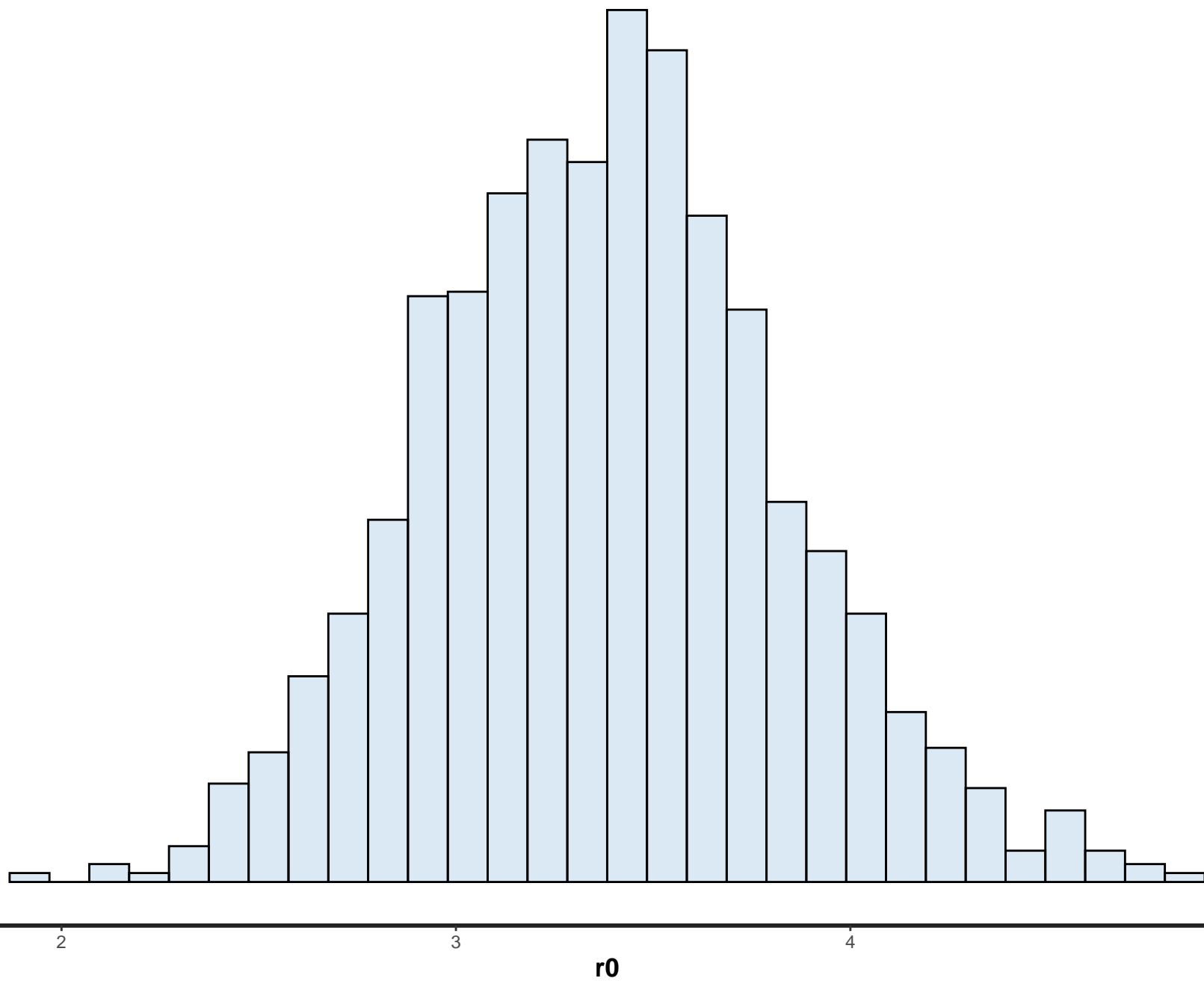
Effective Reproduction Number

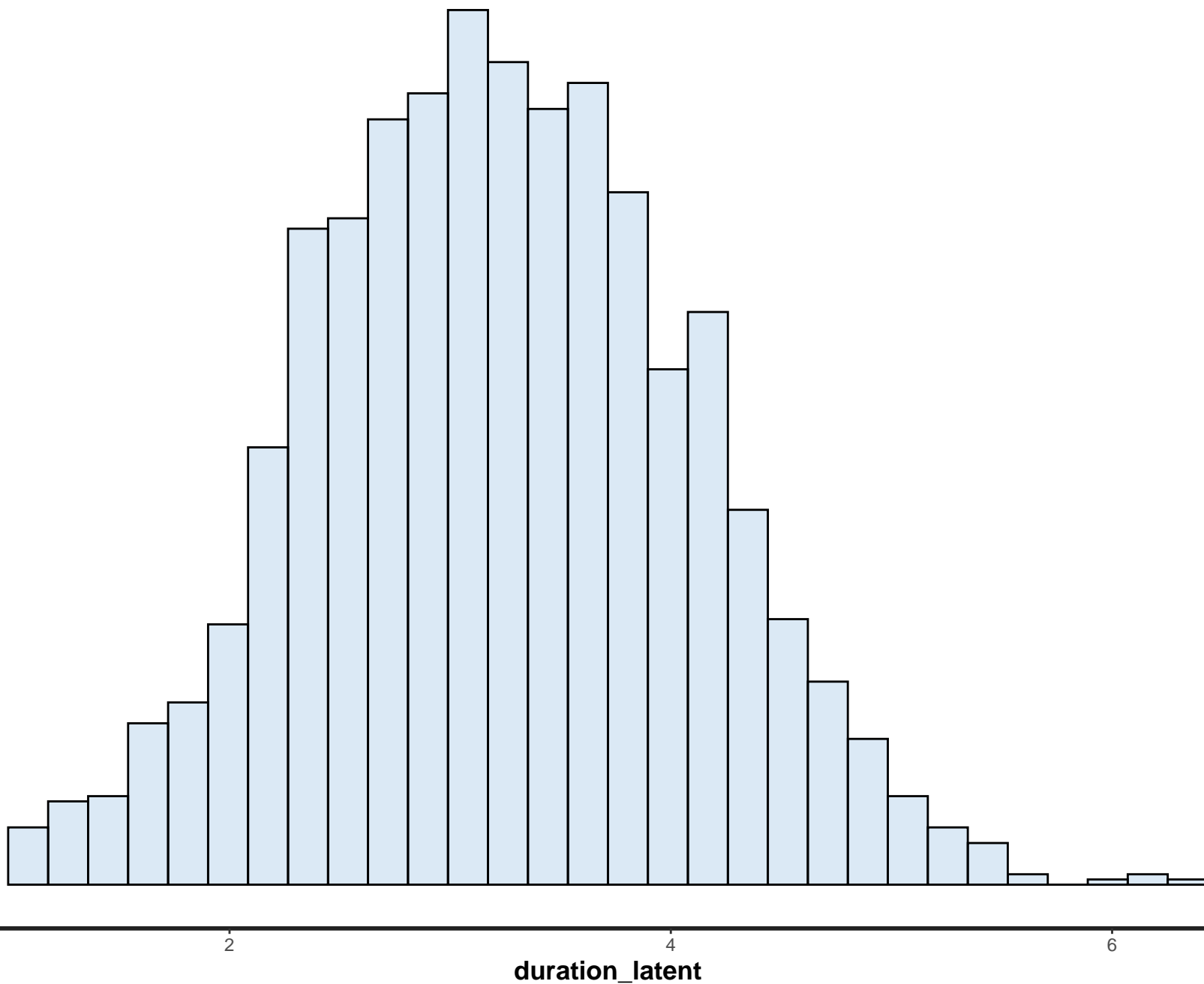


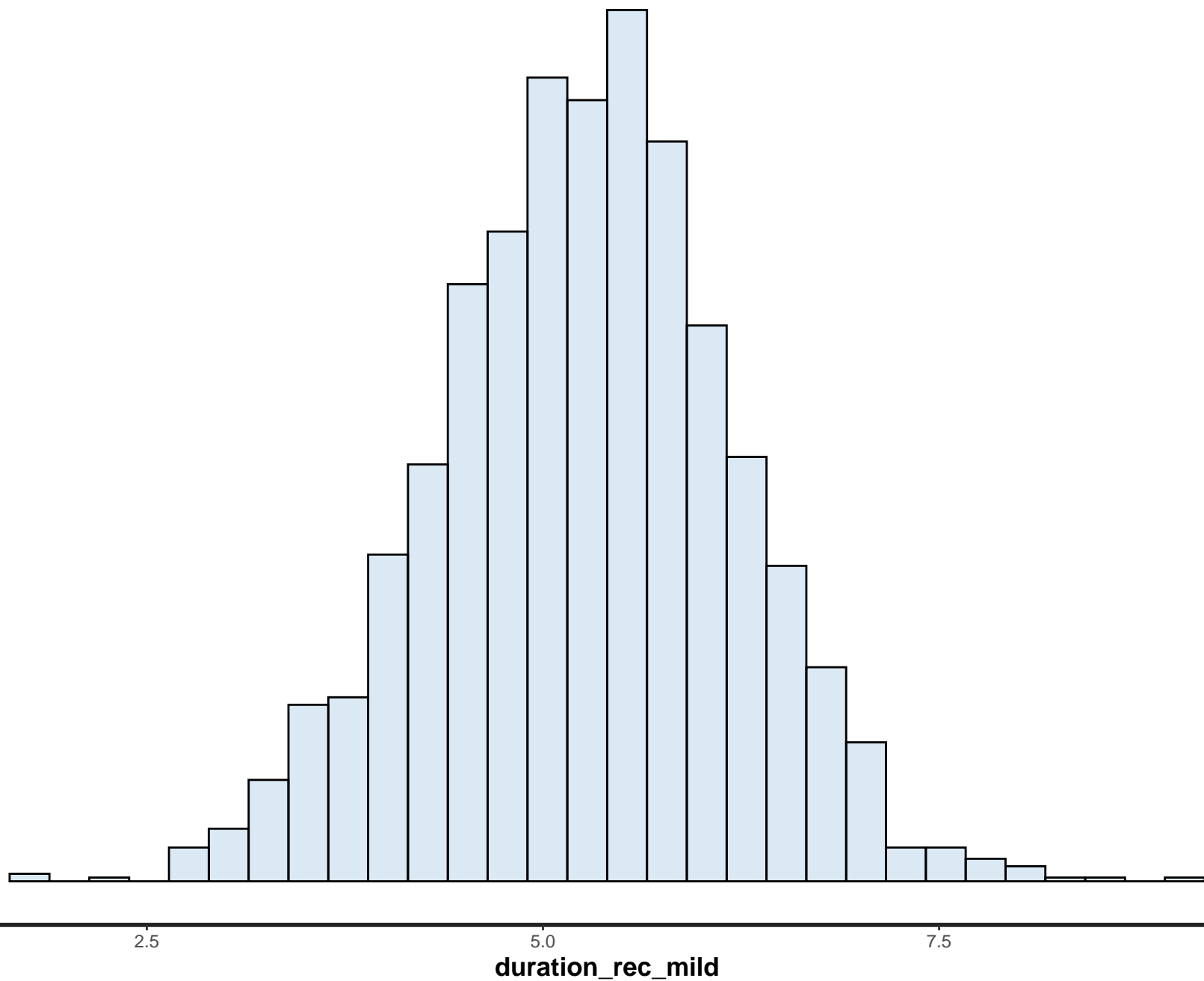
Rt as of 2020-08-12

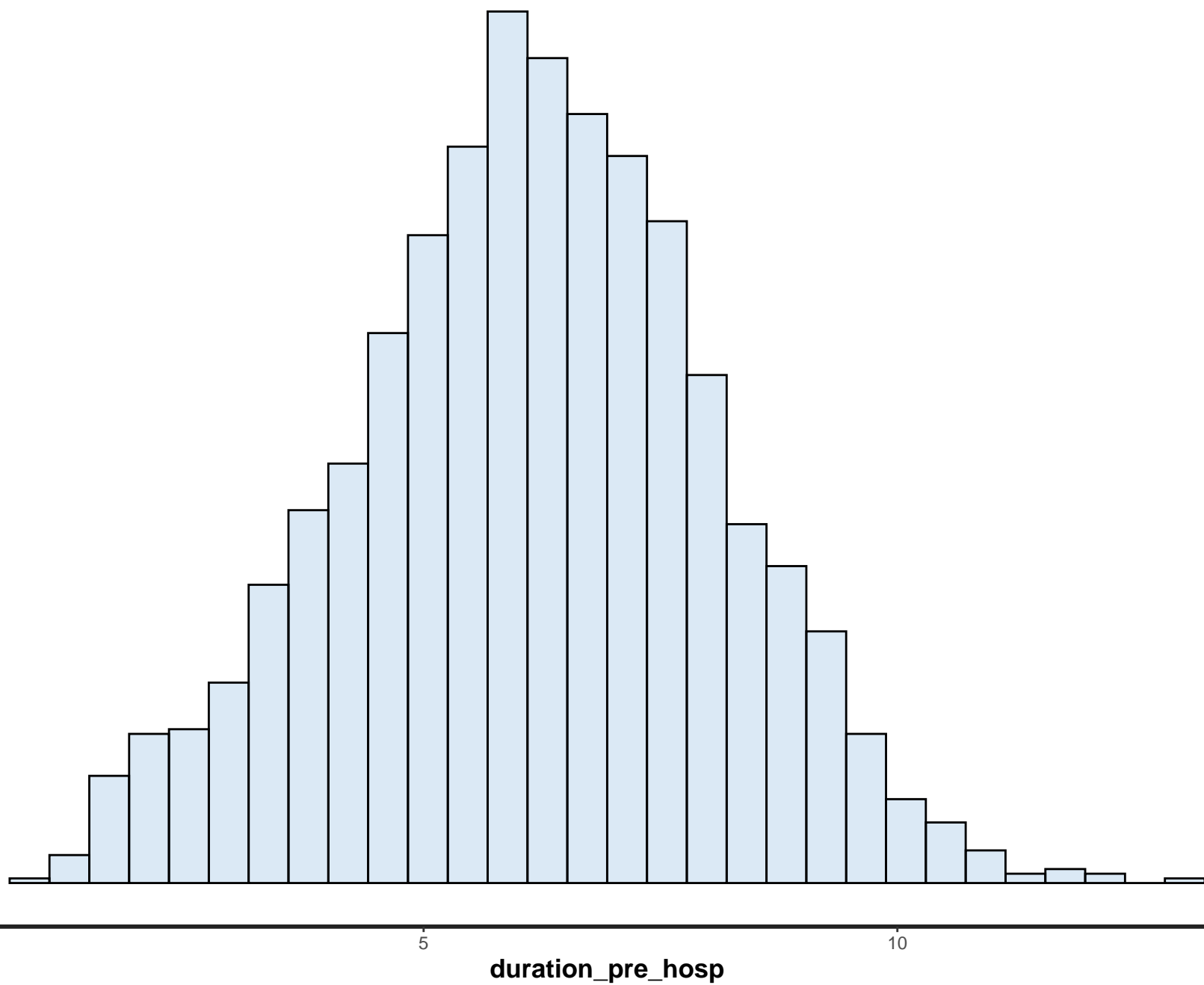
5% 10% 25% 50% 75% 90% 95%
0.63 0.70 0.78 0.87 0.96 1.04 1.12

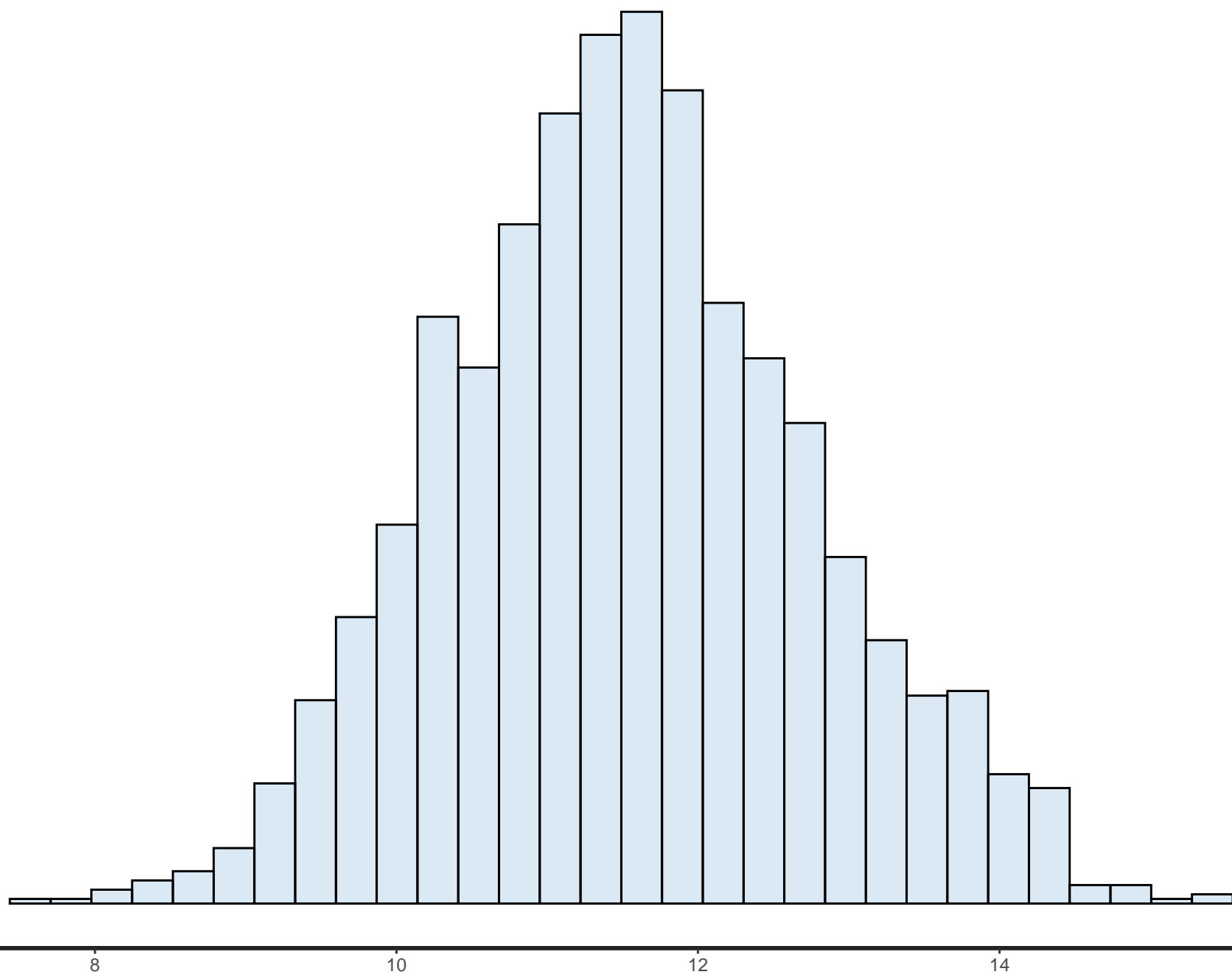


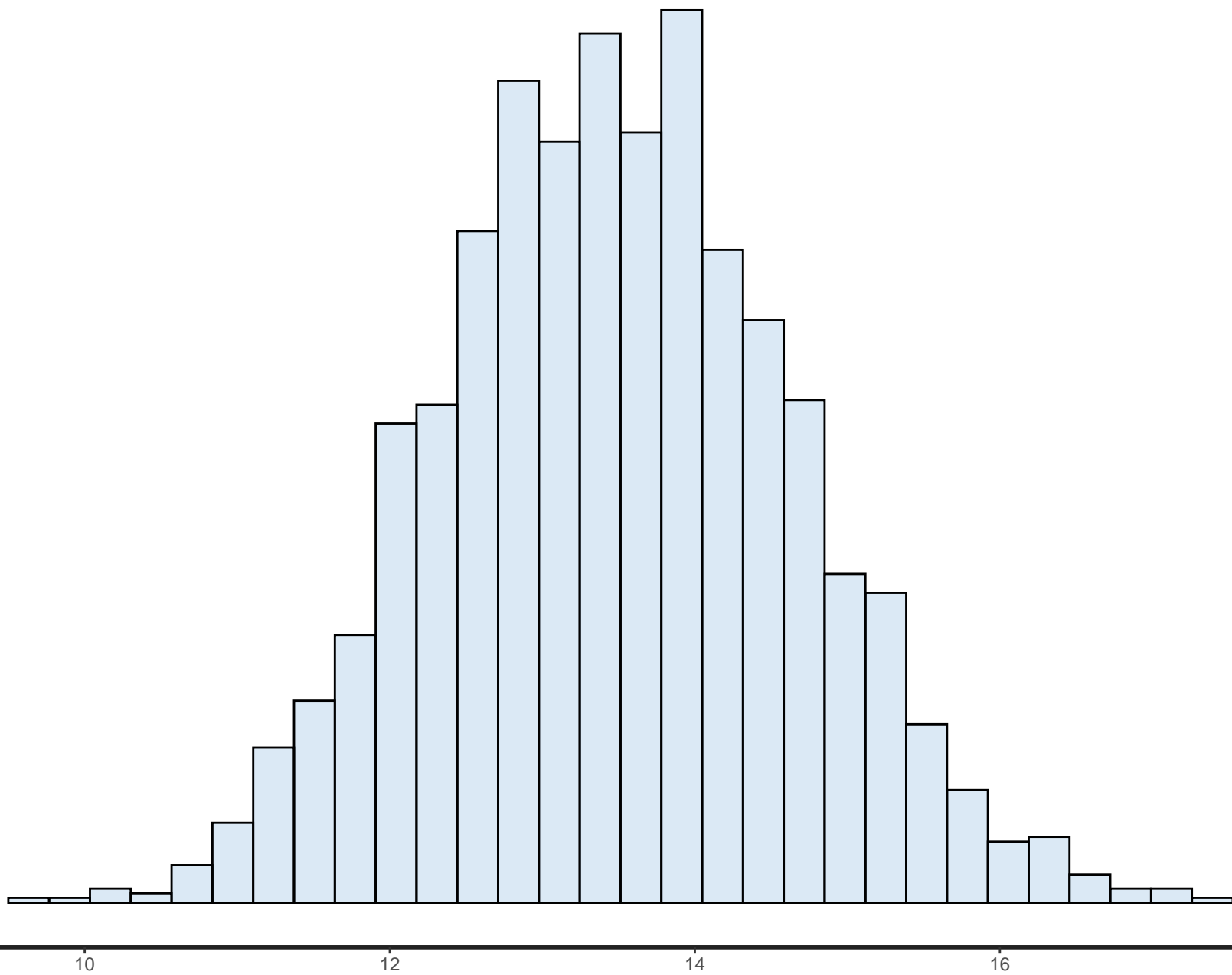


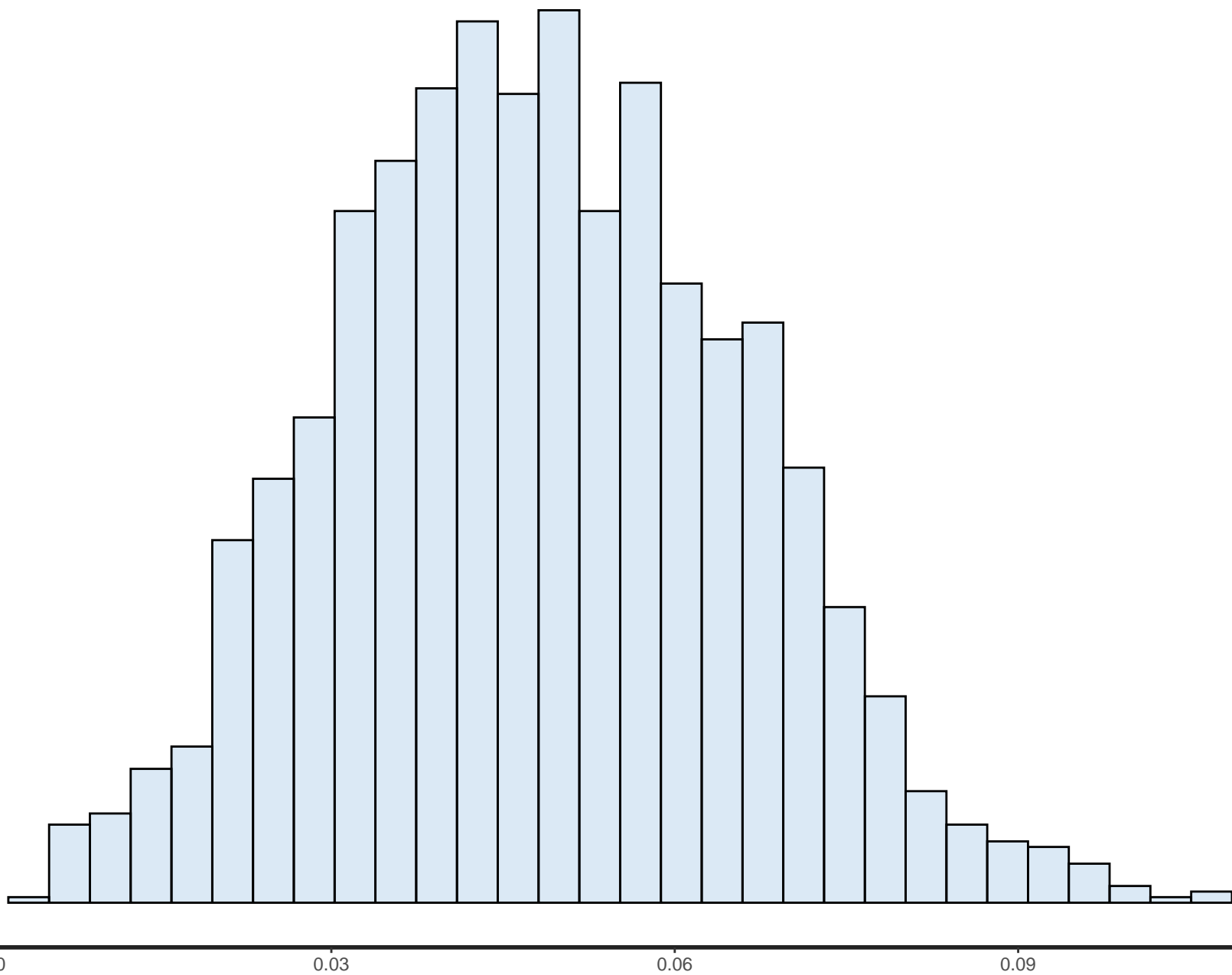


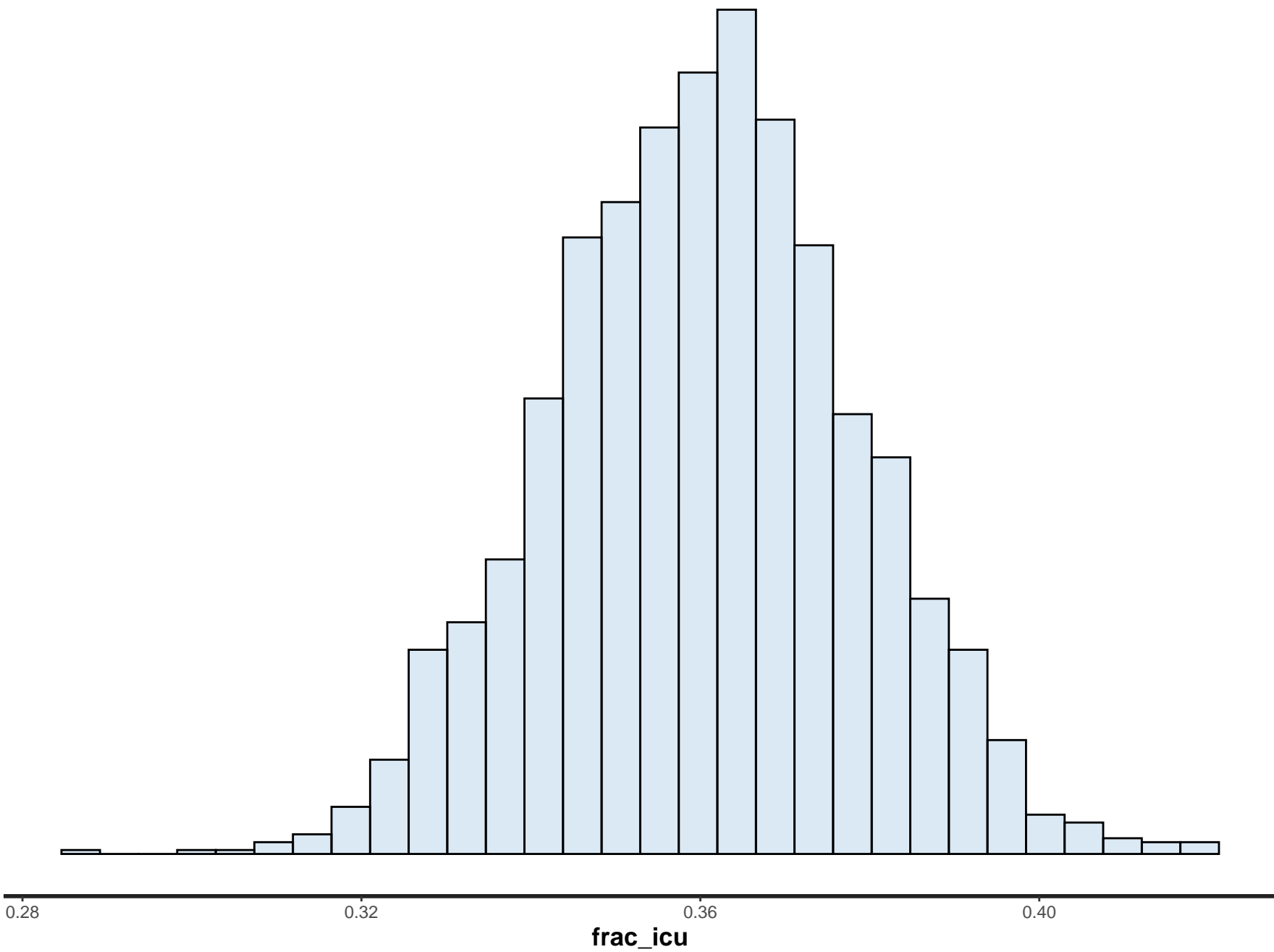


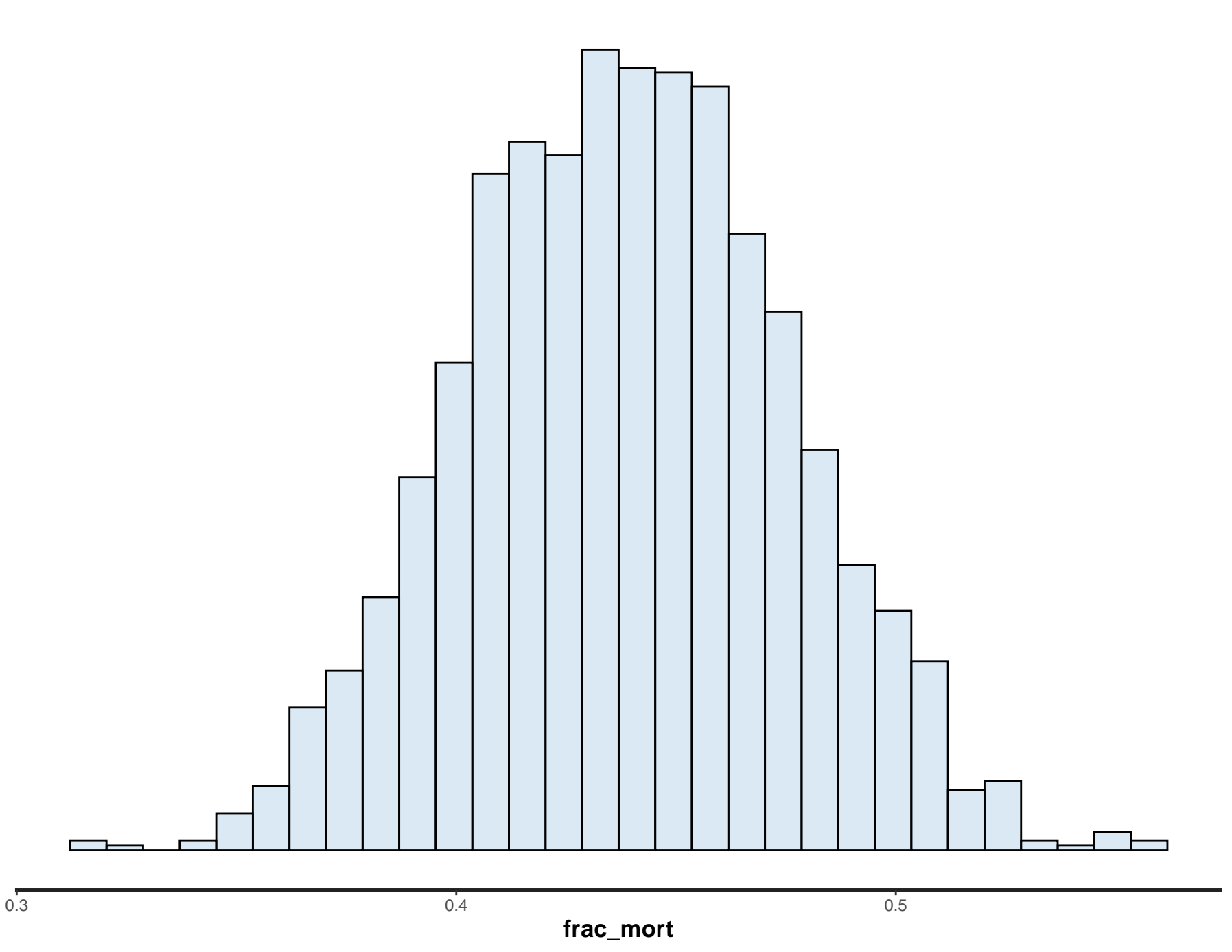




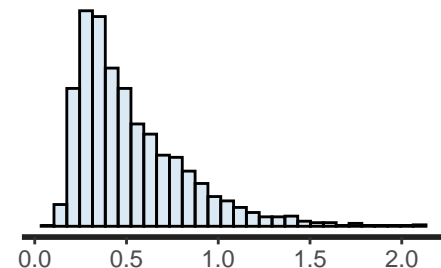




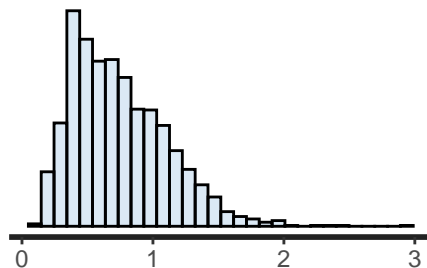




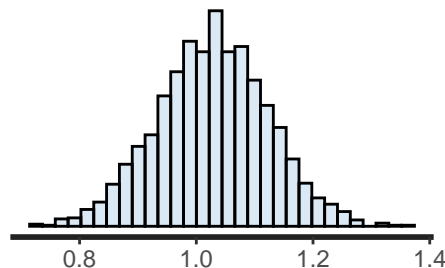
beta_multiplier[1]



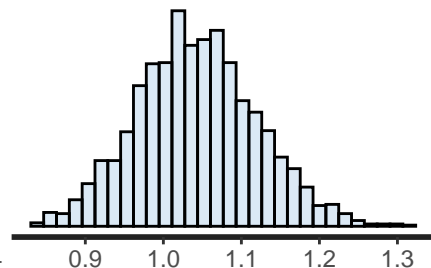
beta_multiplier[2]



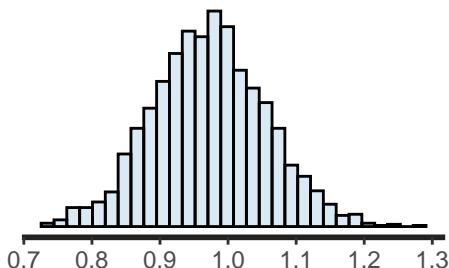
beta_multiplier[3]



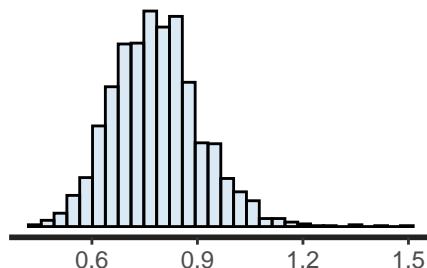
beta_multiplier[4]



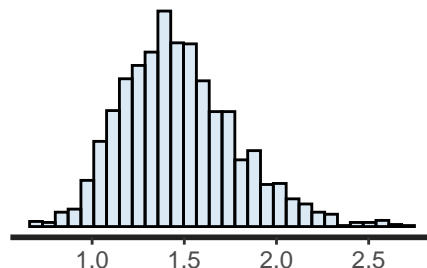
beta_multiplier[5]



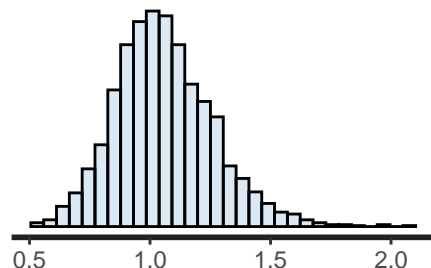
beta_multiplier[6]



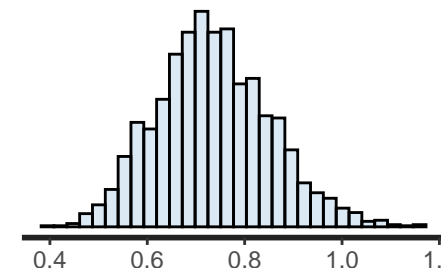
beta_multiplier[7]



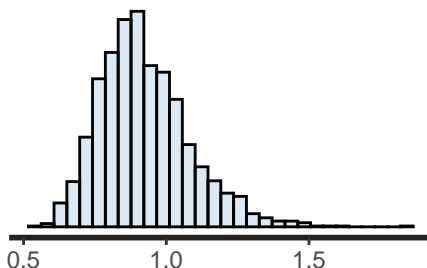
beta_multiplier[8]



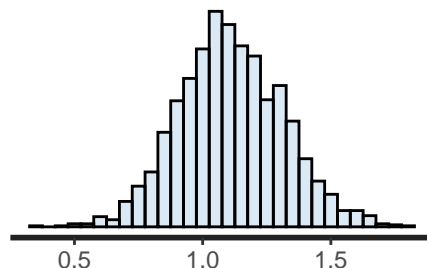
beta_multiplier[9]



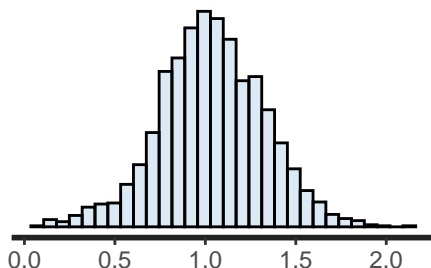
beta_multiplier[10]



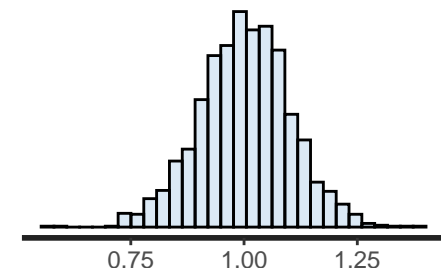
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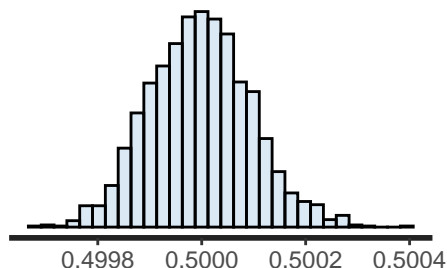
beta_multiplier[12]

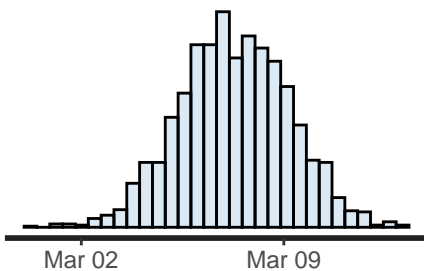
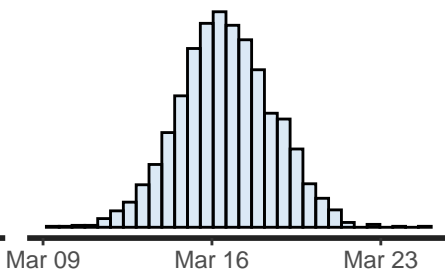
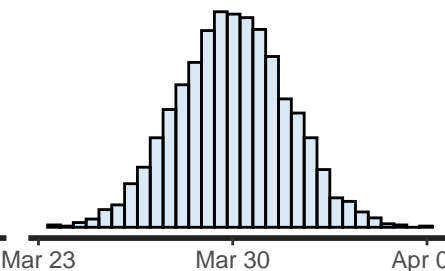
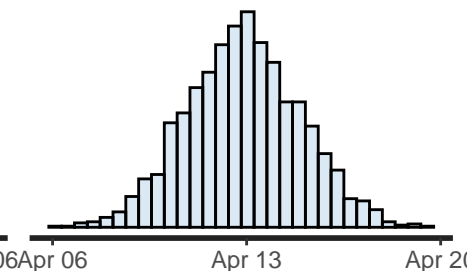
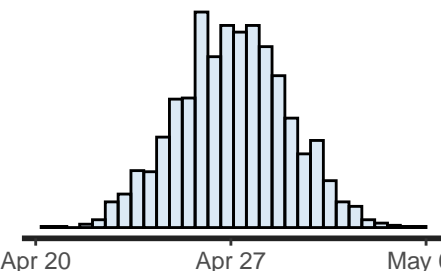
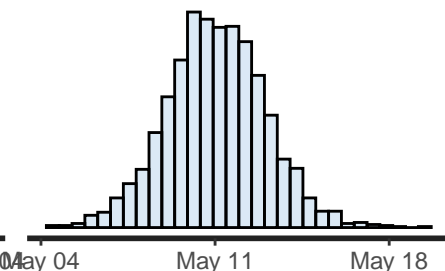
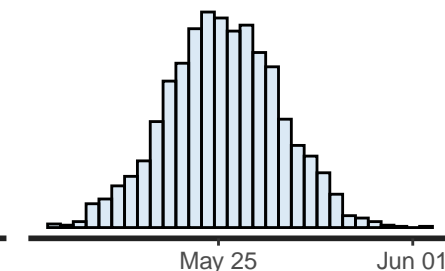
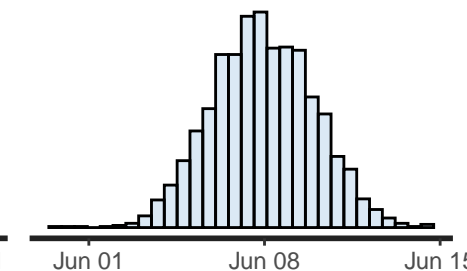
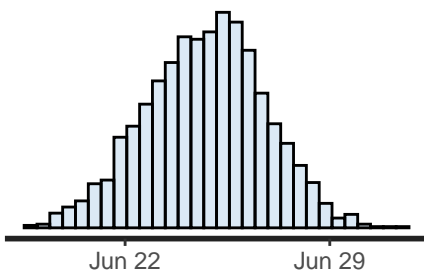
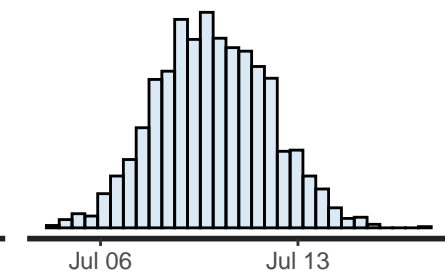
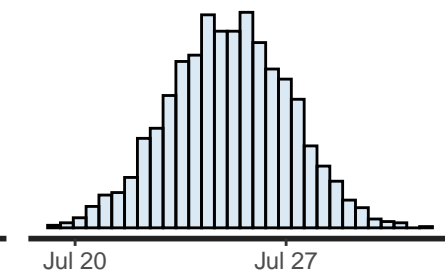
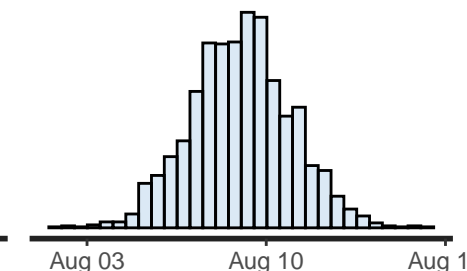
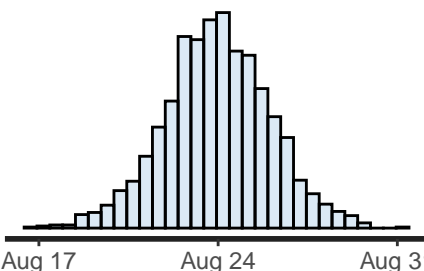
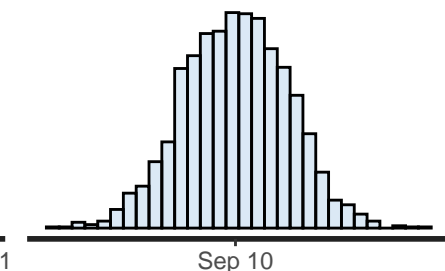


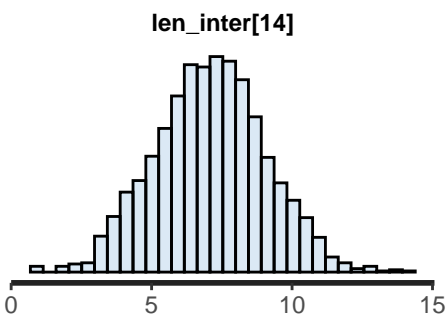
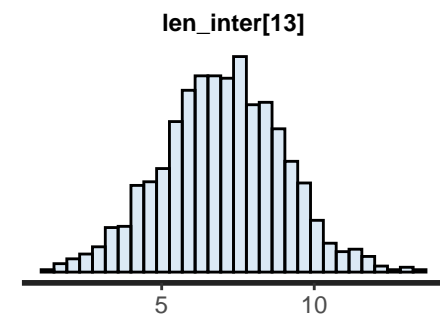
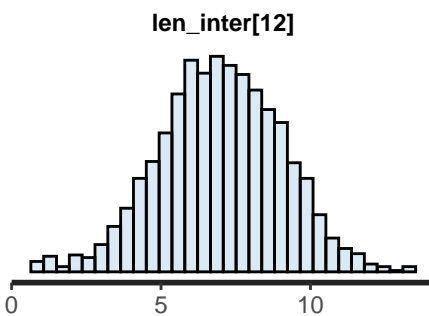
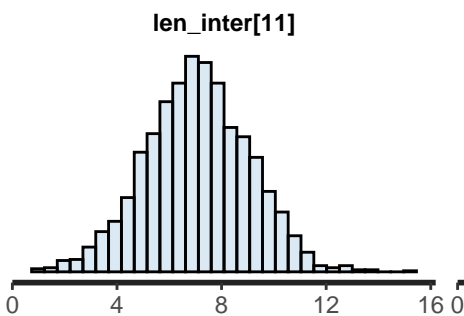
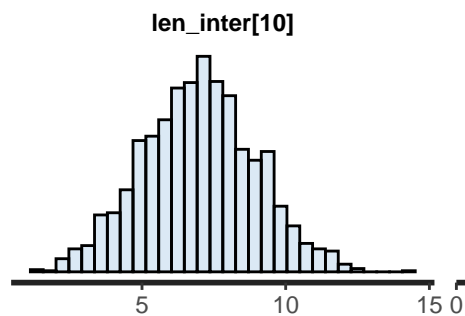
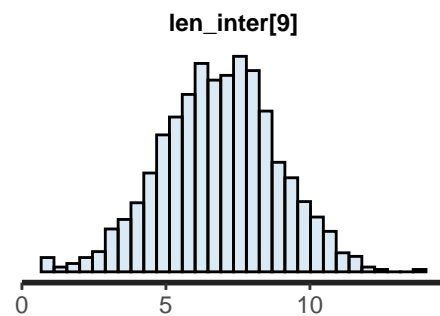
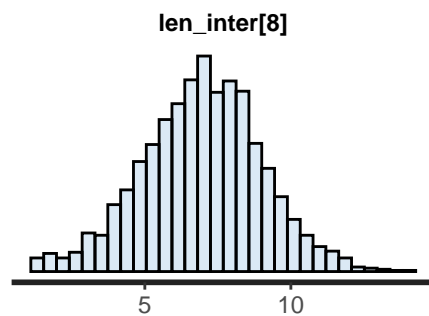
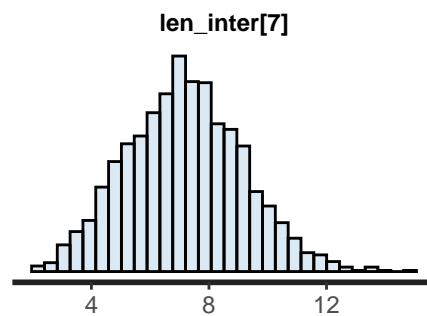
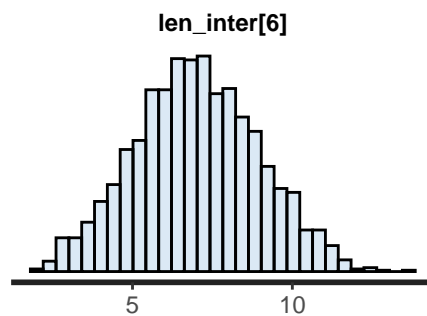
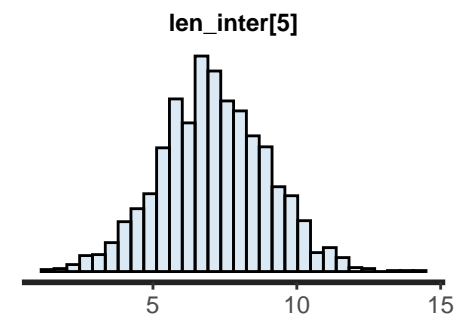
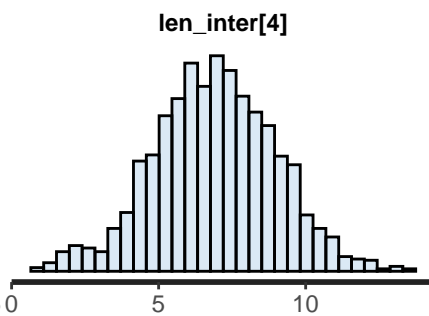
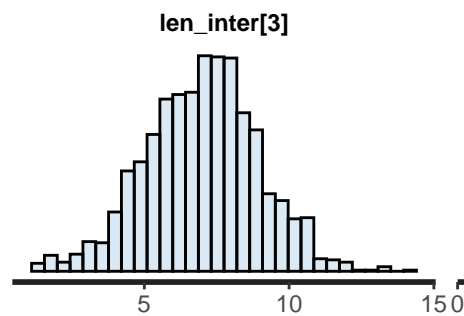
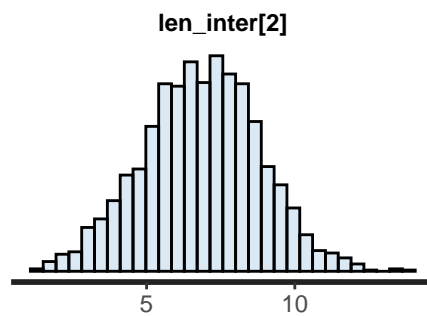
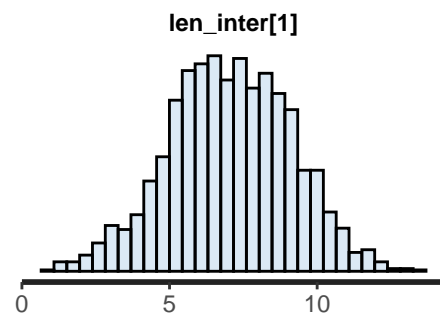
beta_multiplier[13]



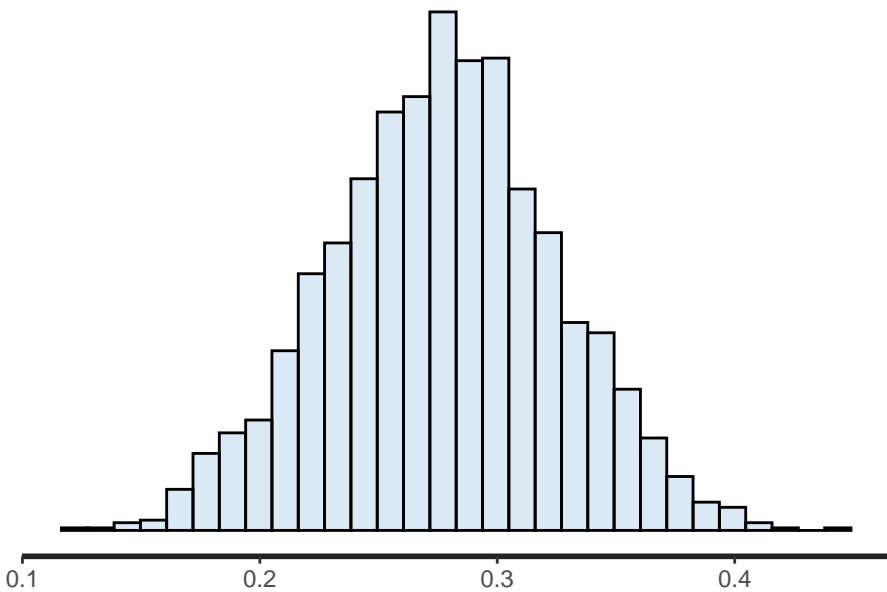
beta_multiplier[14]



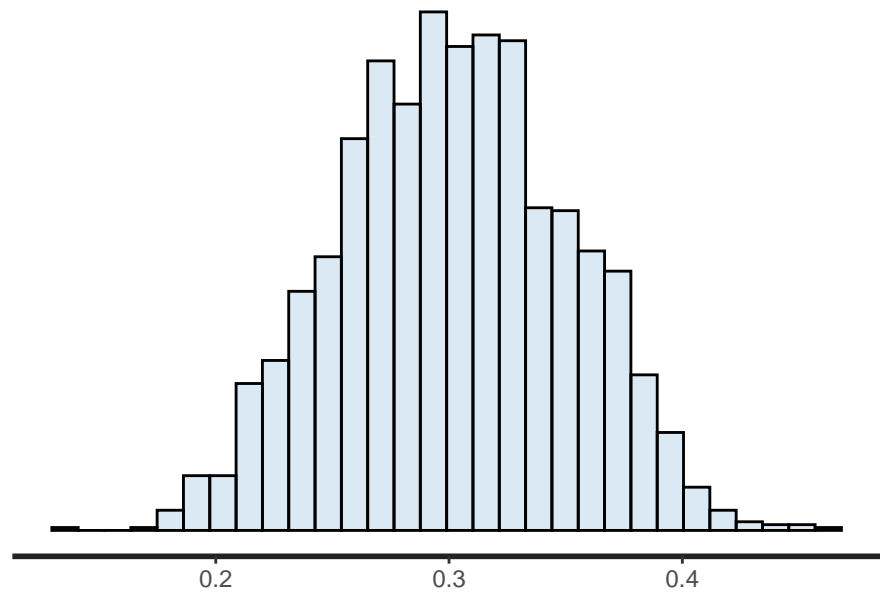
t_inter[1]**t_inter[2]****t_inter[3]****t_inter[4]****t_inter[5]****t_inter[6]****t_inter[7]****t_inter[8]****t_inter[9]****t_inter[10]****t_inter[11]****t_inter[12]****t_inter[13]****t_inter[14]**



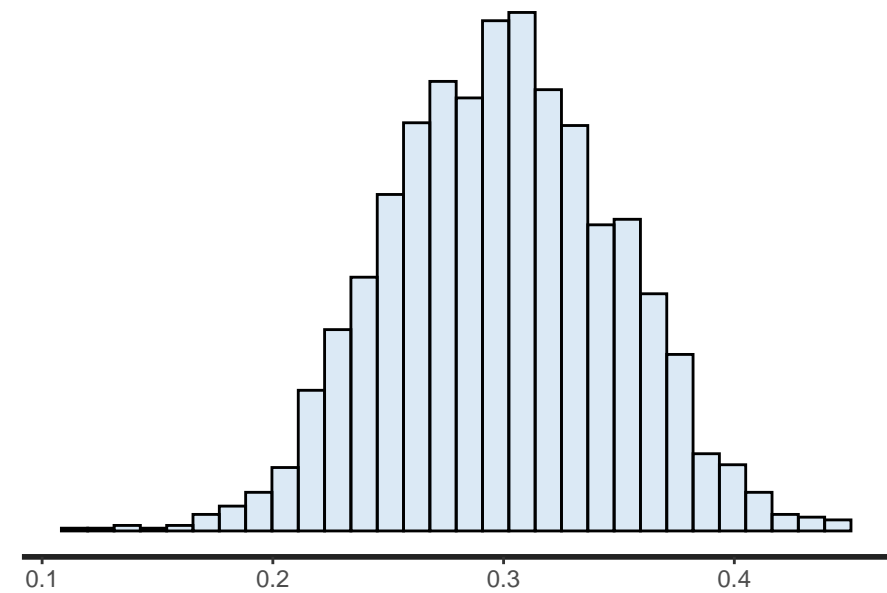
frac_PUI[1]



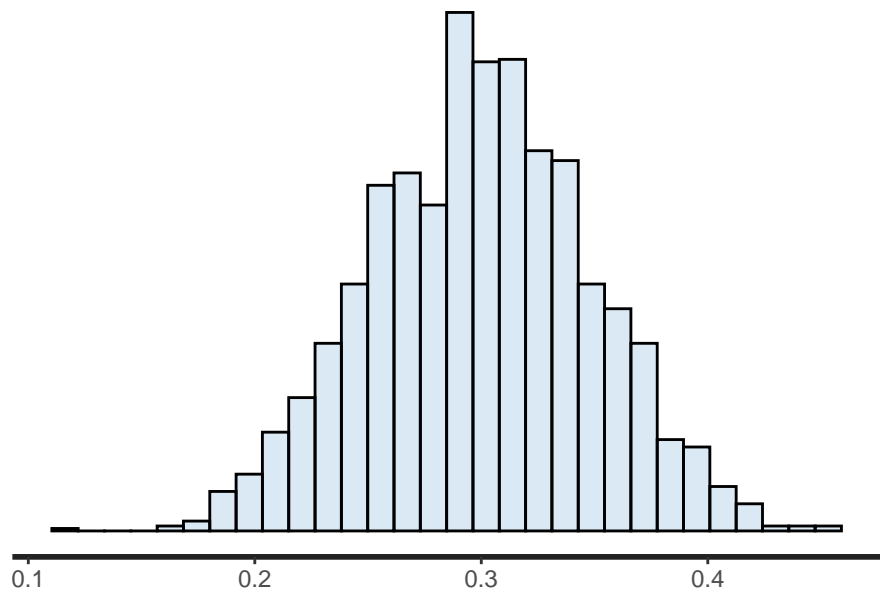
frac_PUI[2]

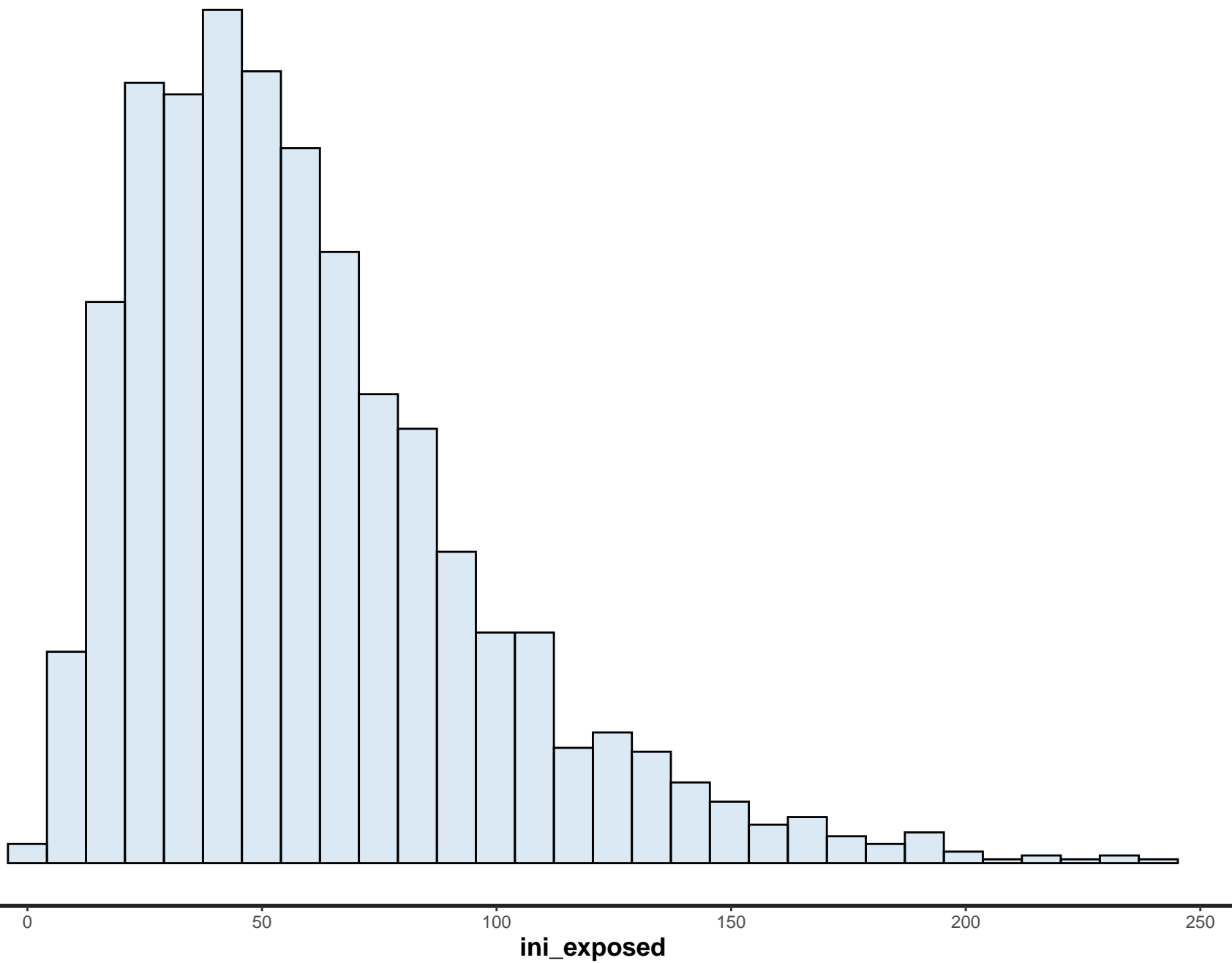


frac_PUI[3]

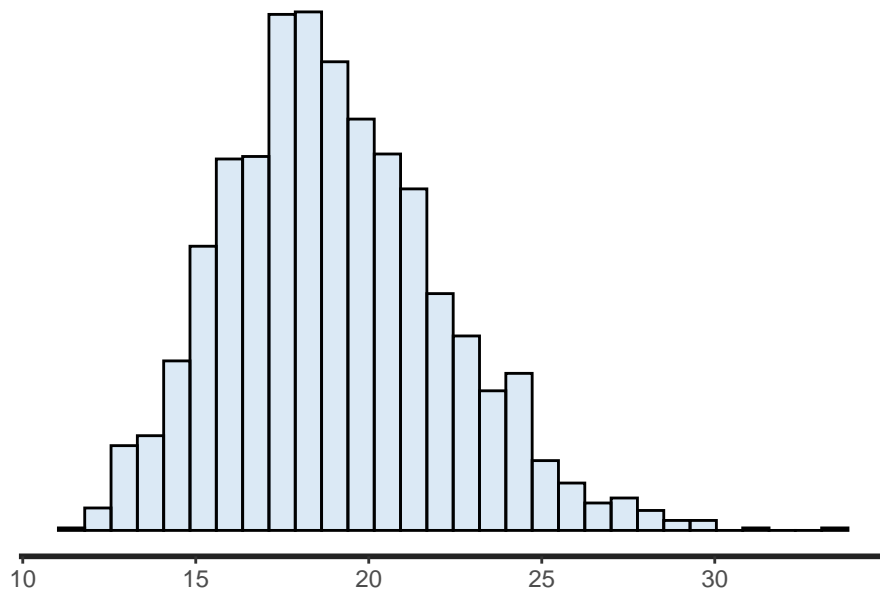


frac_PUI[4]

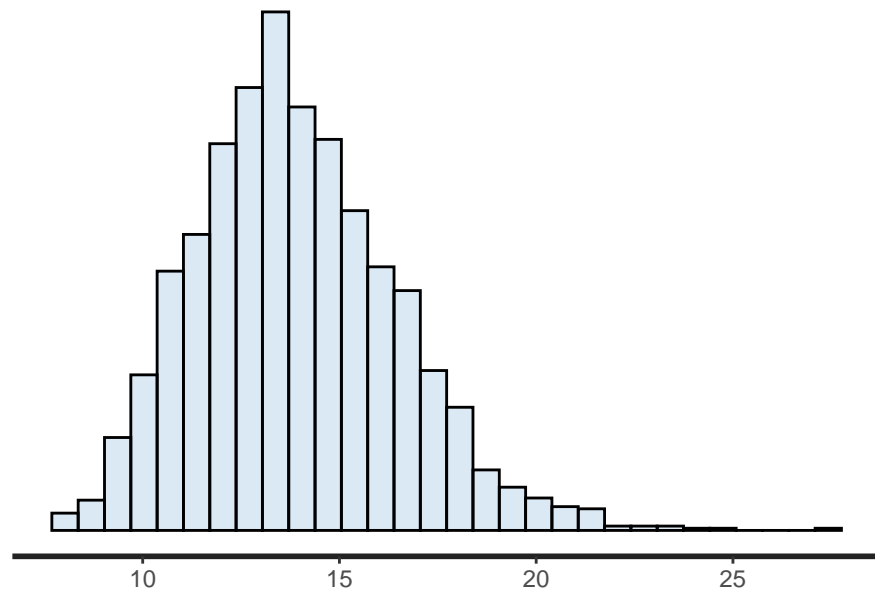




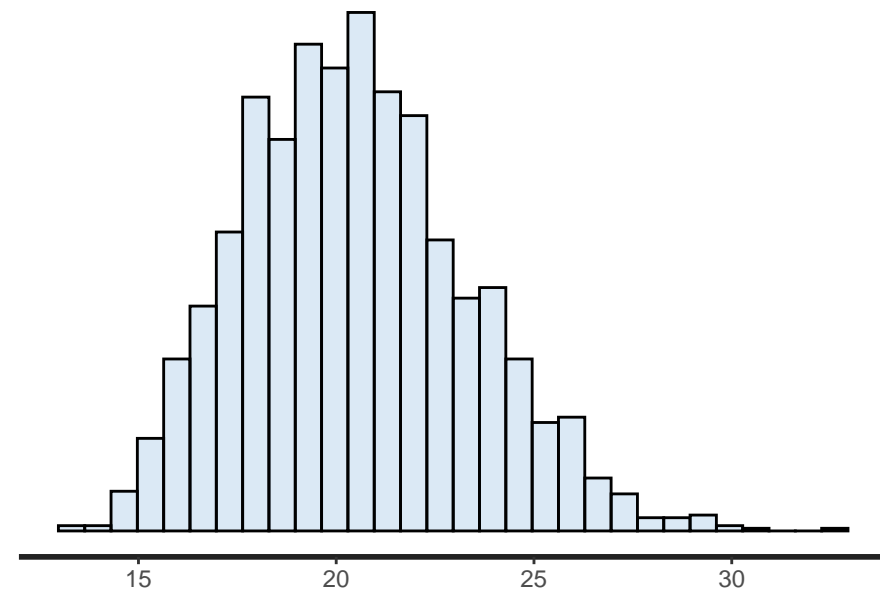
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

