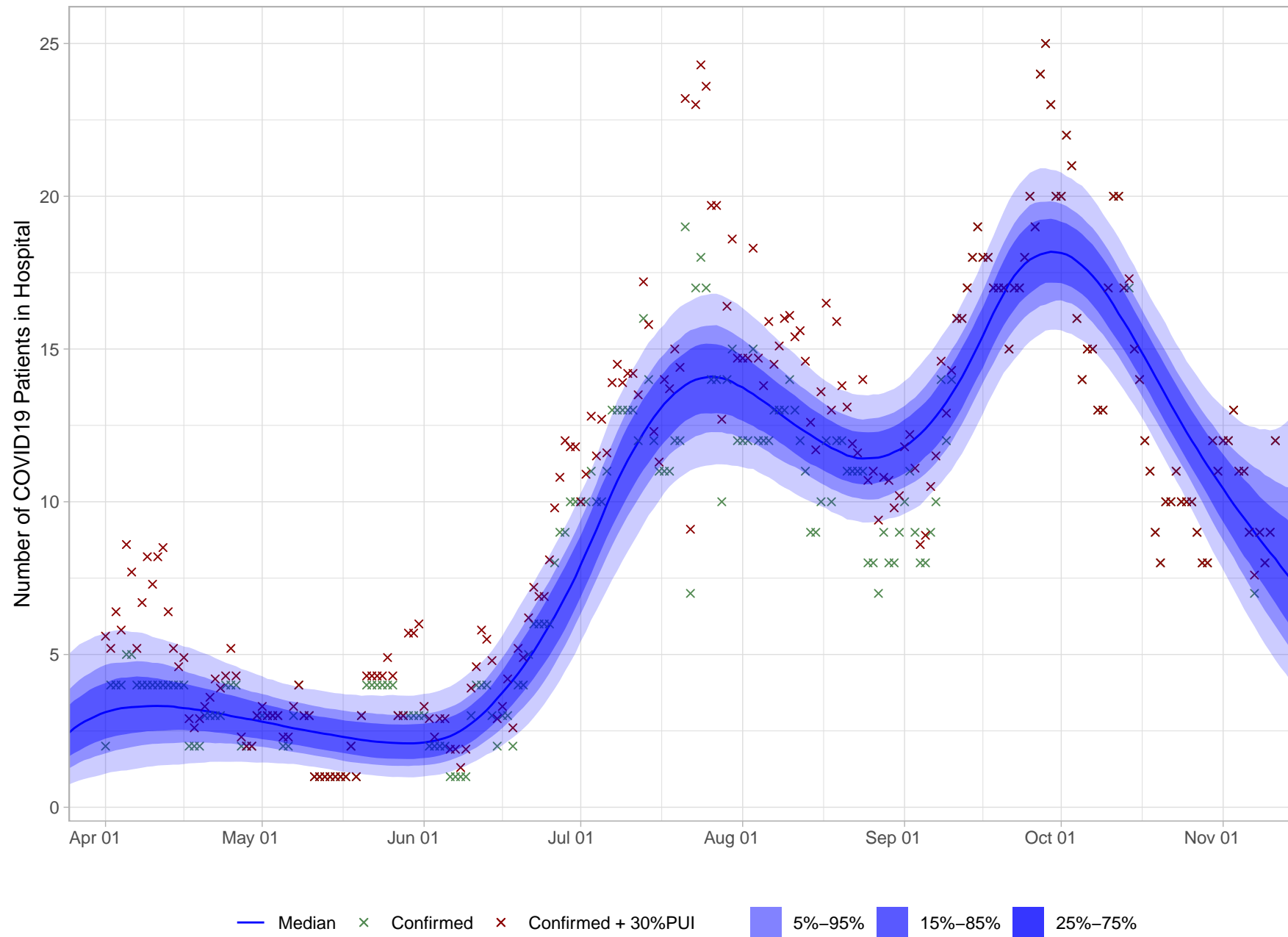
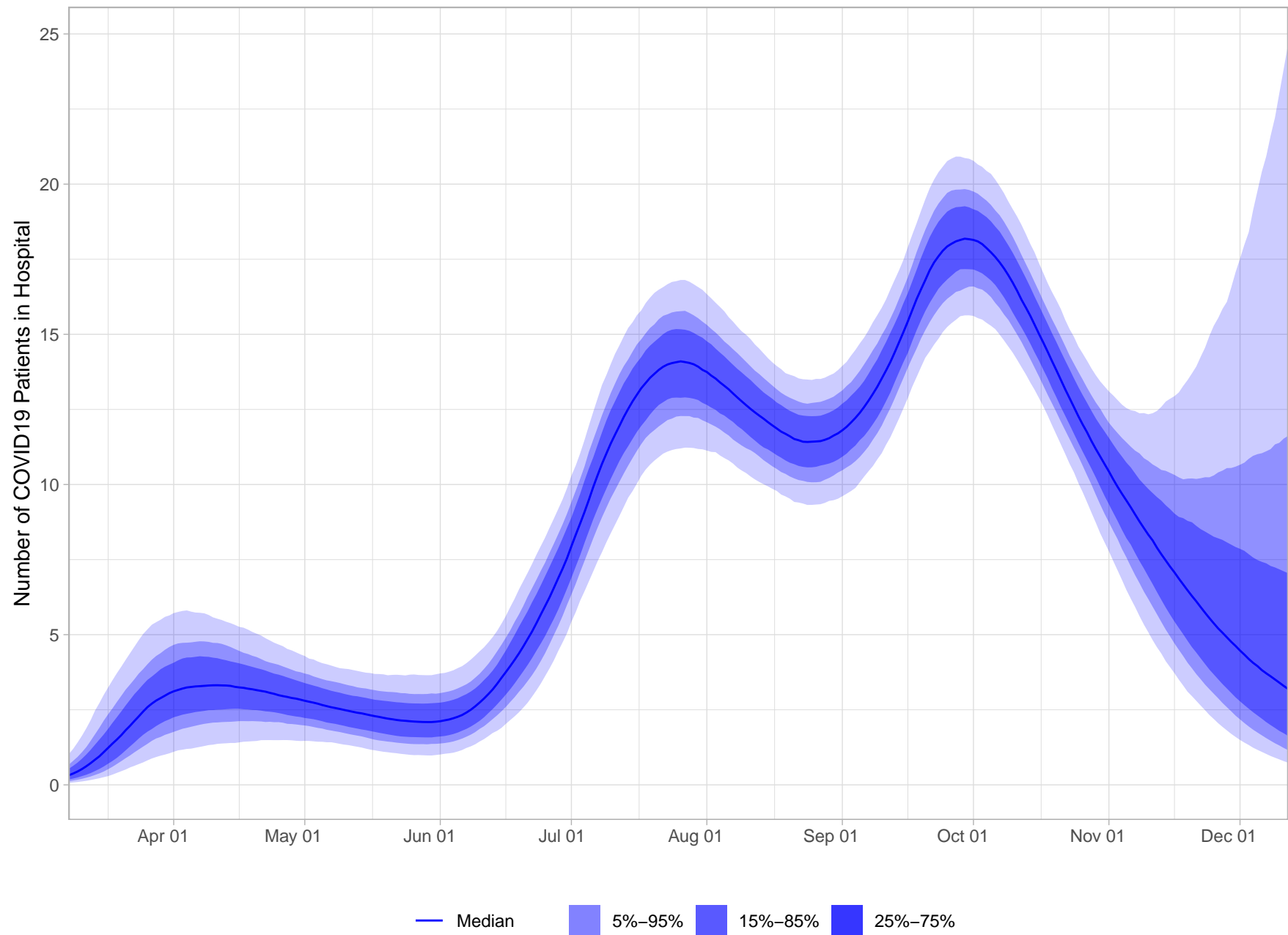


Short Term Hospitalization Projection

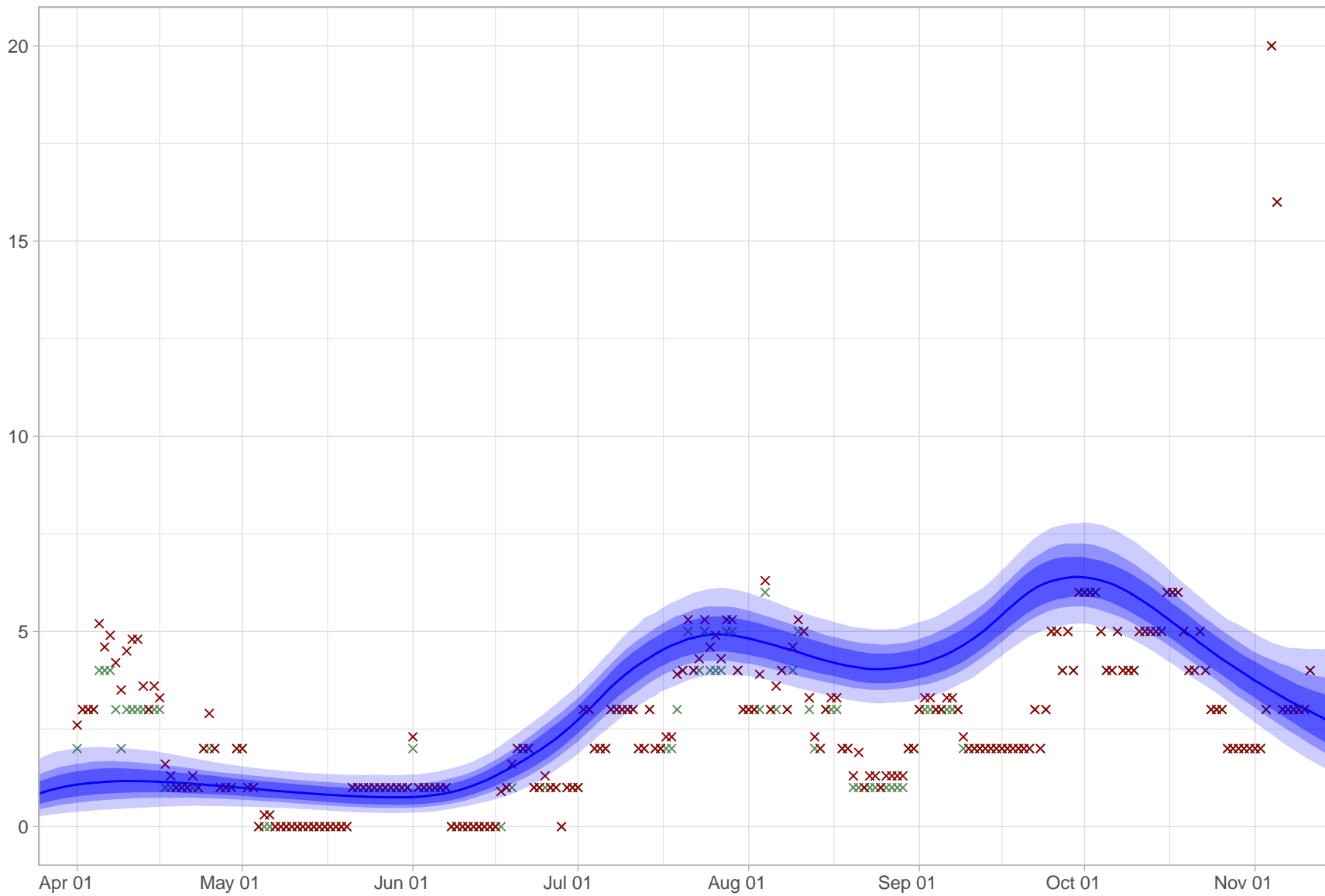


Long Term Hospitalization Projection



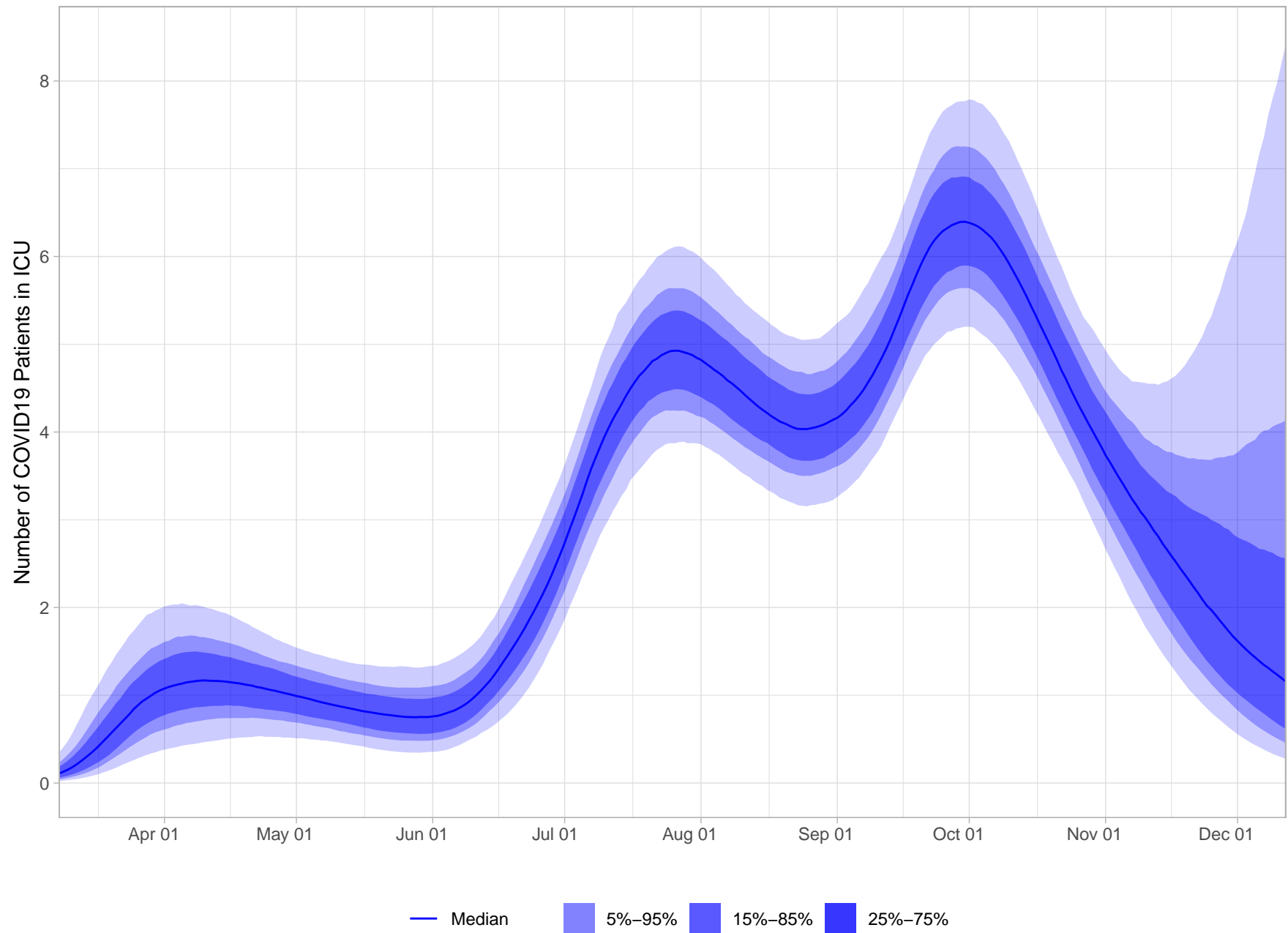
Short Term ICU Projection

Number of COVID19 Patients in ICU



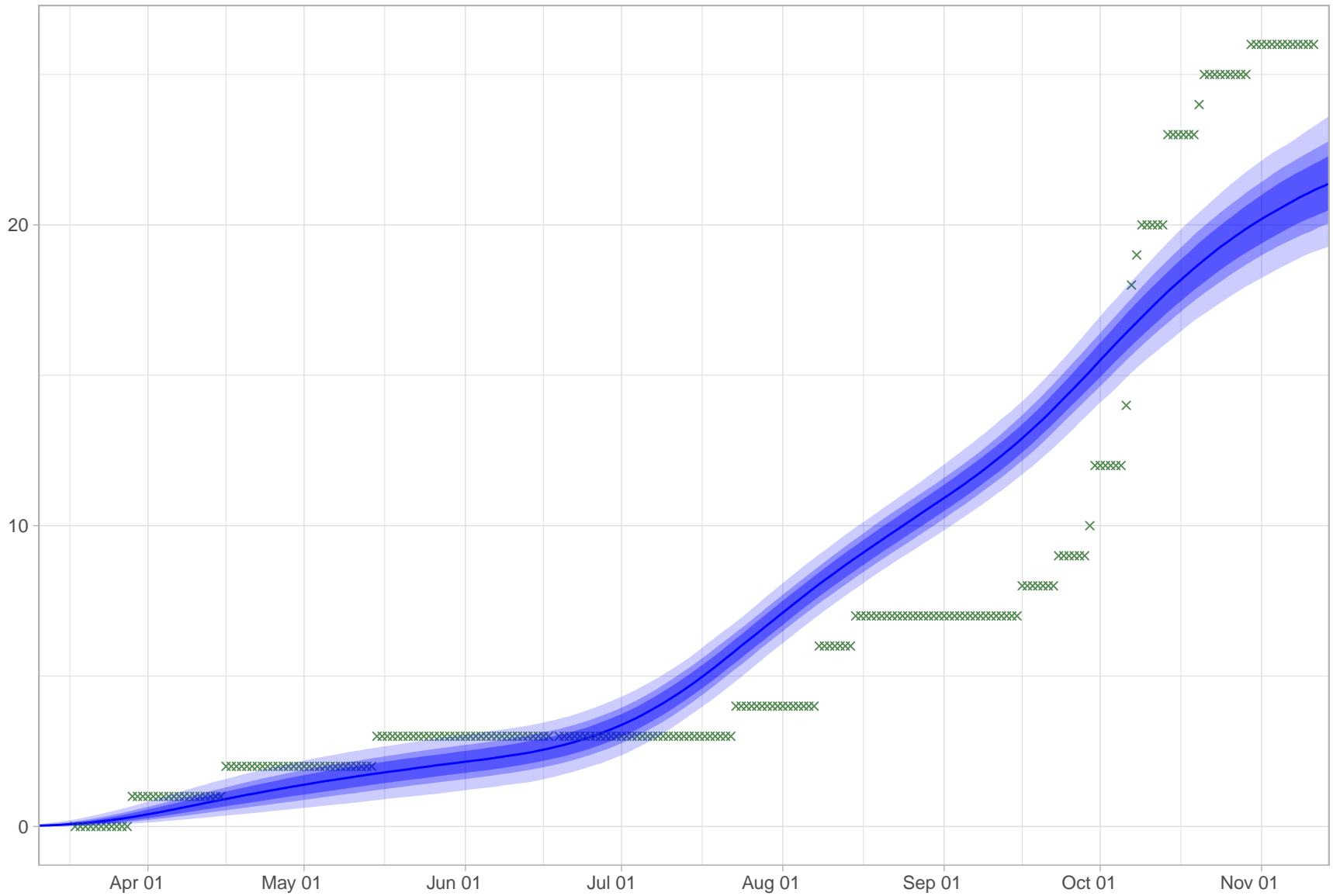
— Median x Confirmed x Confirmed + 30%PUI 5%-95% 15%-85% 25%-75%

Long Term ICU Projection



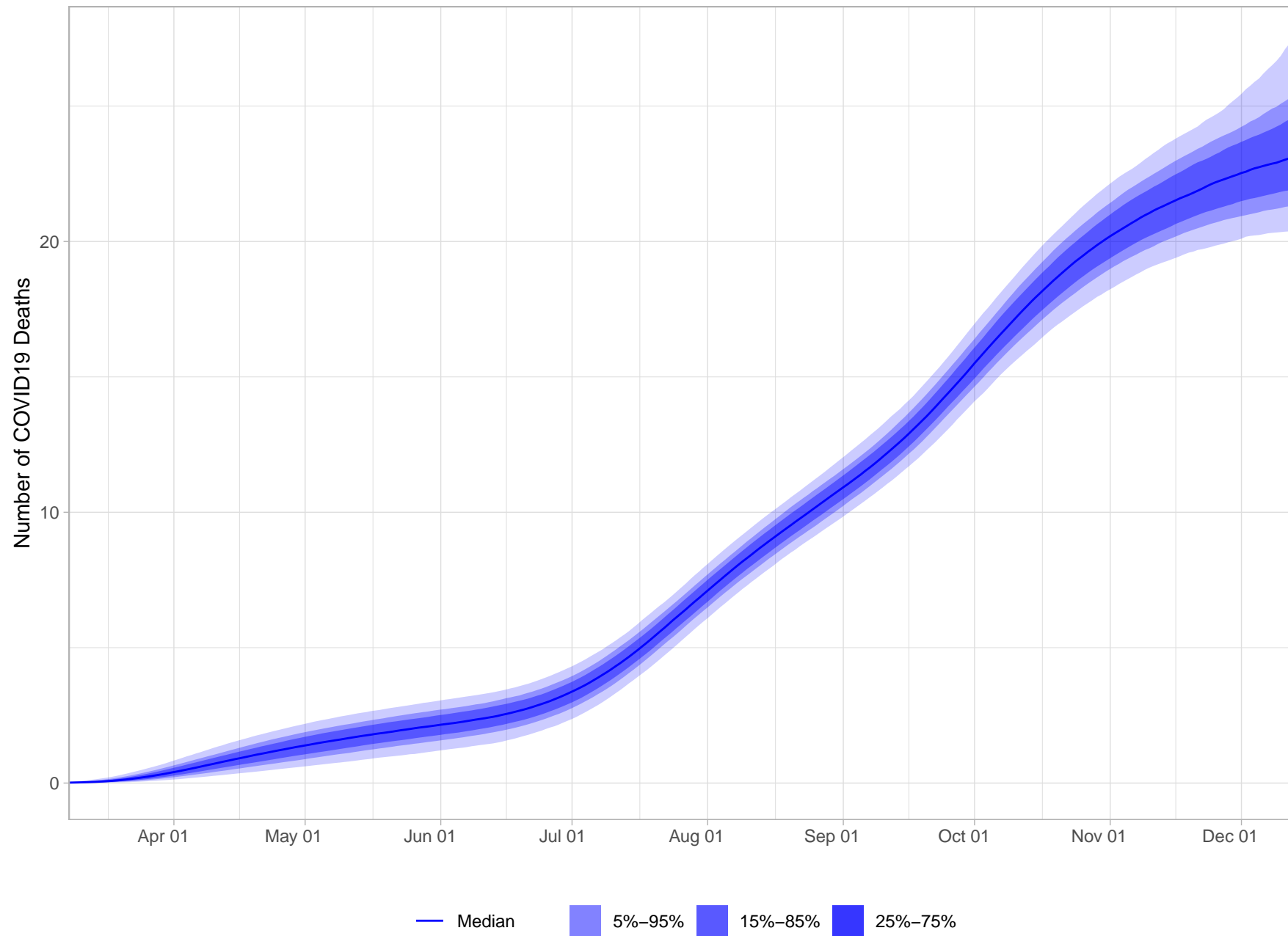
Short Term Death Projection

Number of COVID19 Deaths

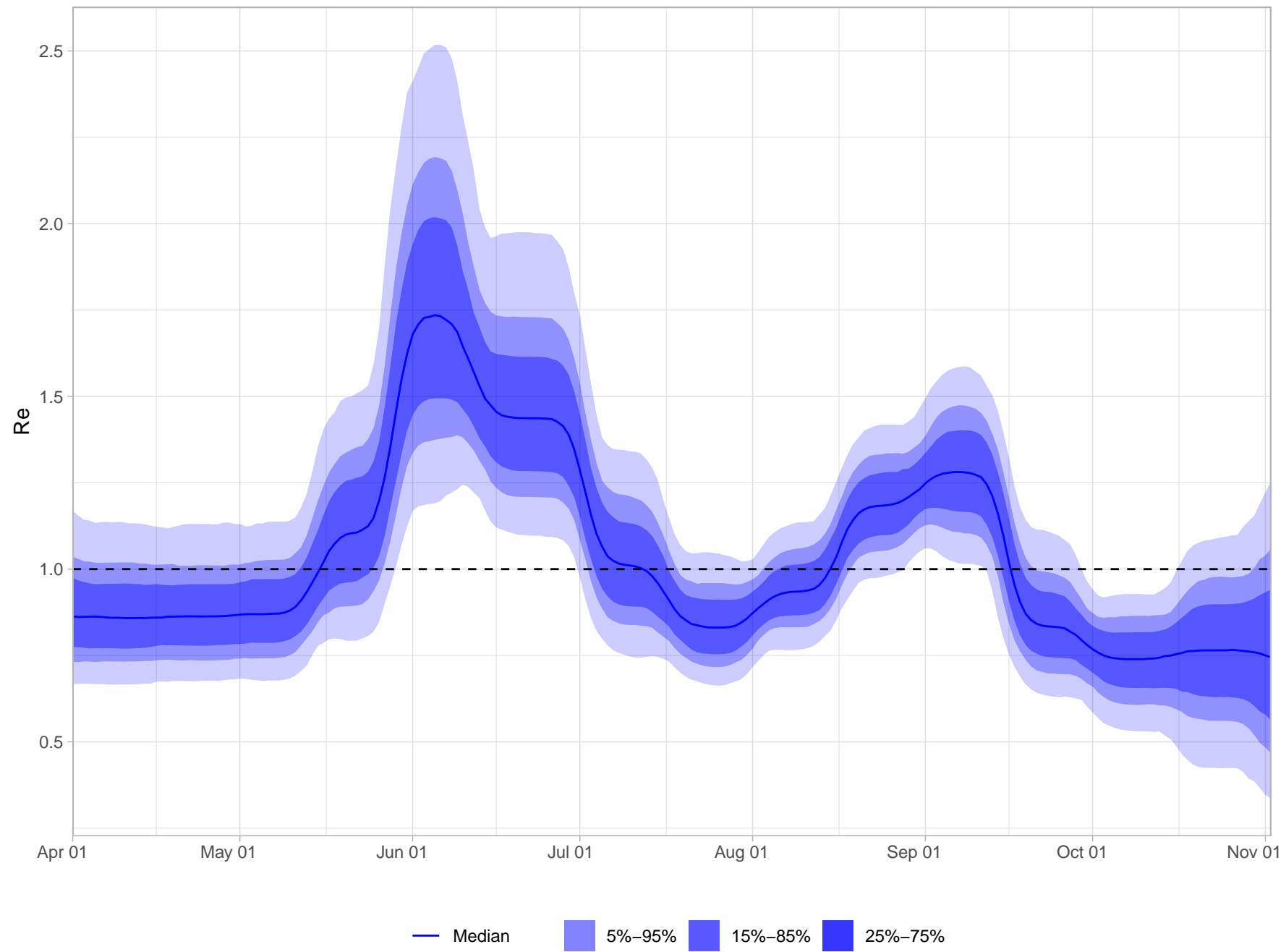


— Median x Confirmed 5%–95% 15%–85% 25%–75%

Long Term Death Projection

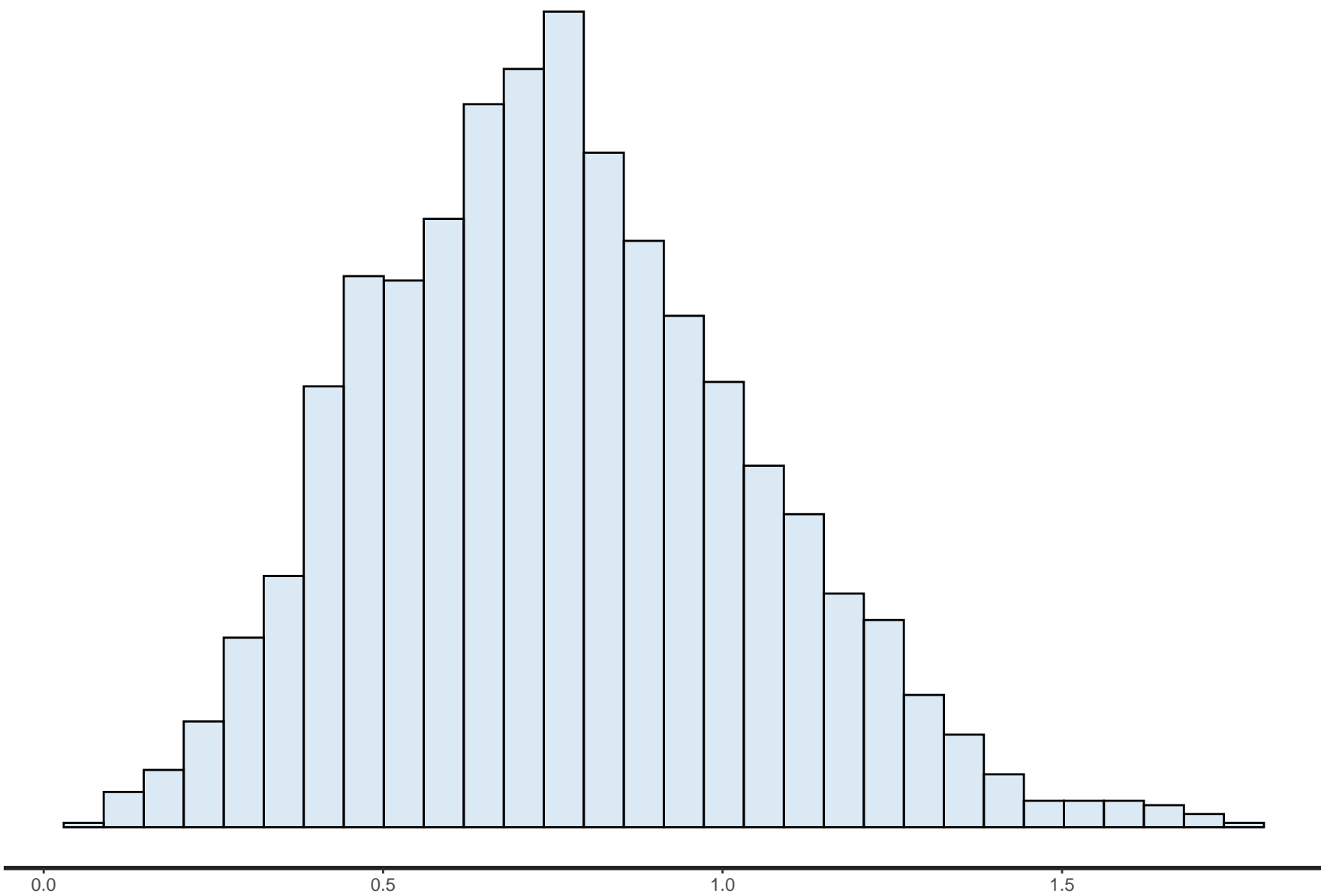


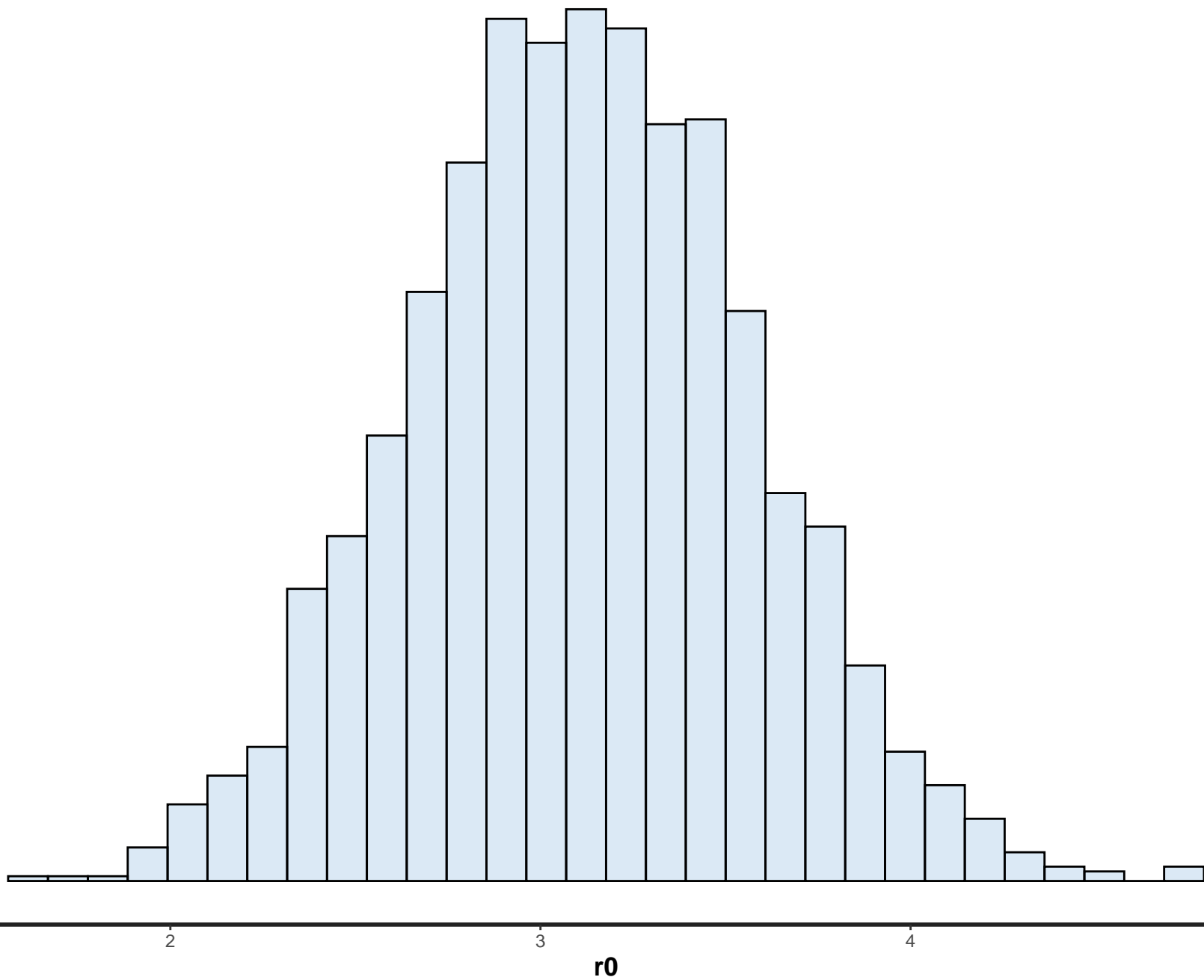
Effective Reproduction Number

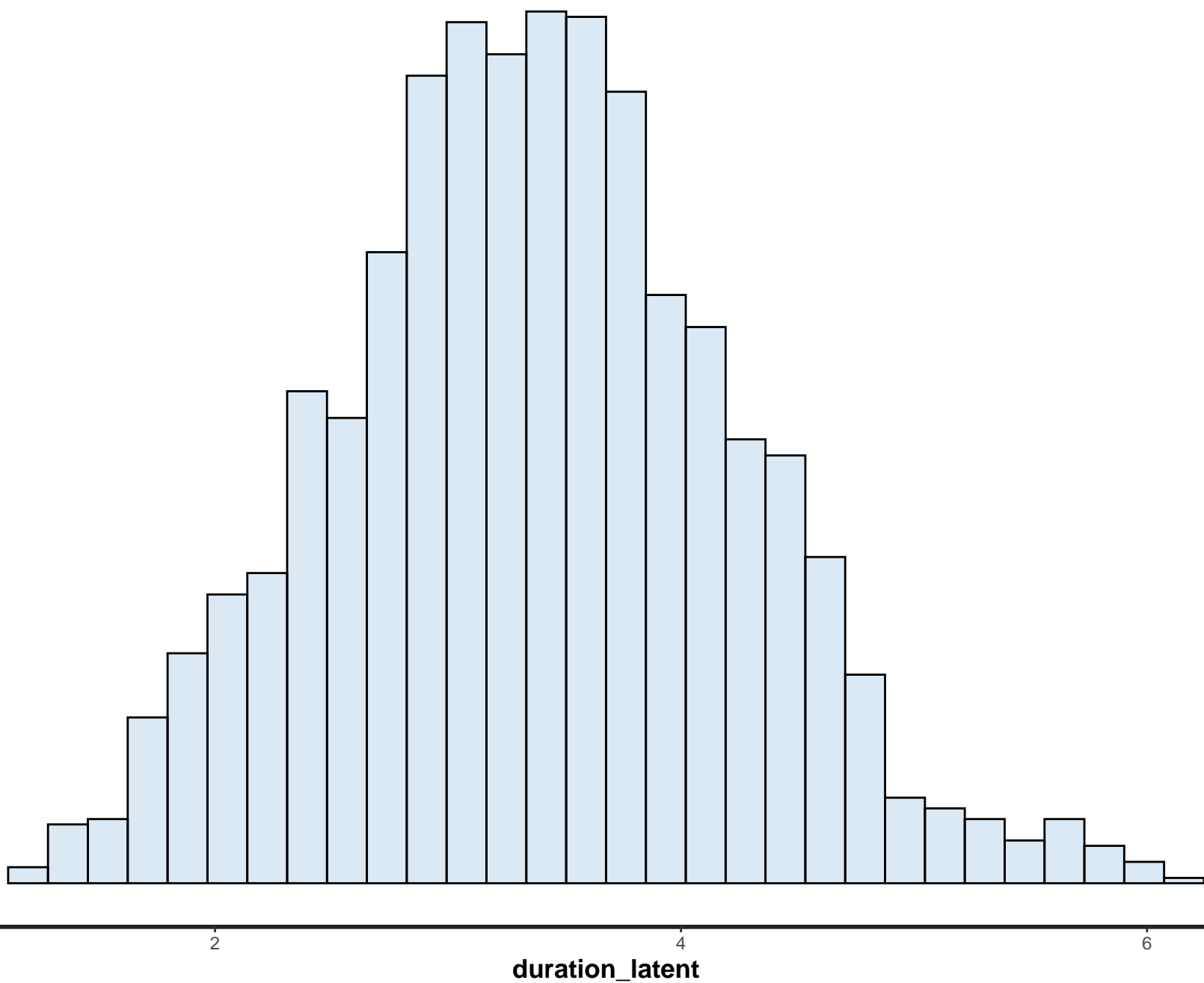


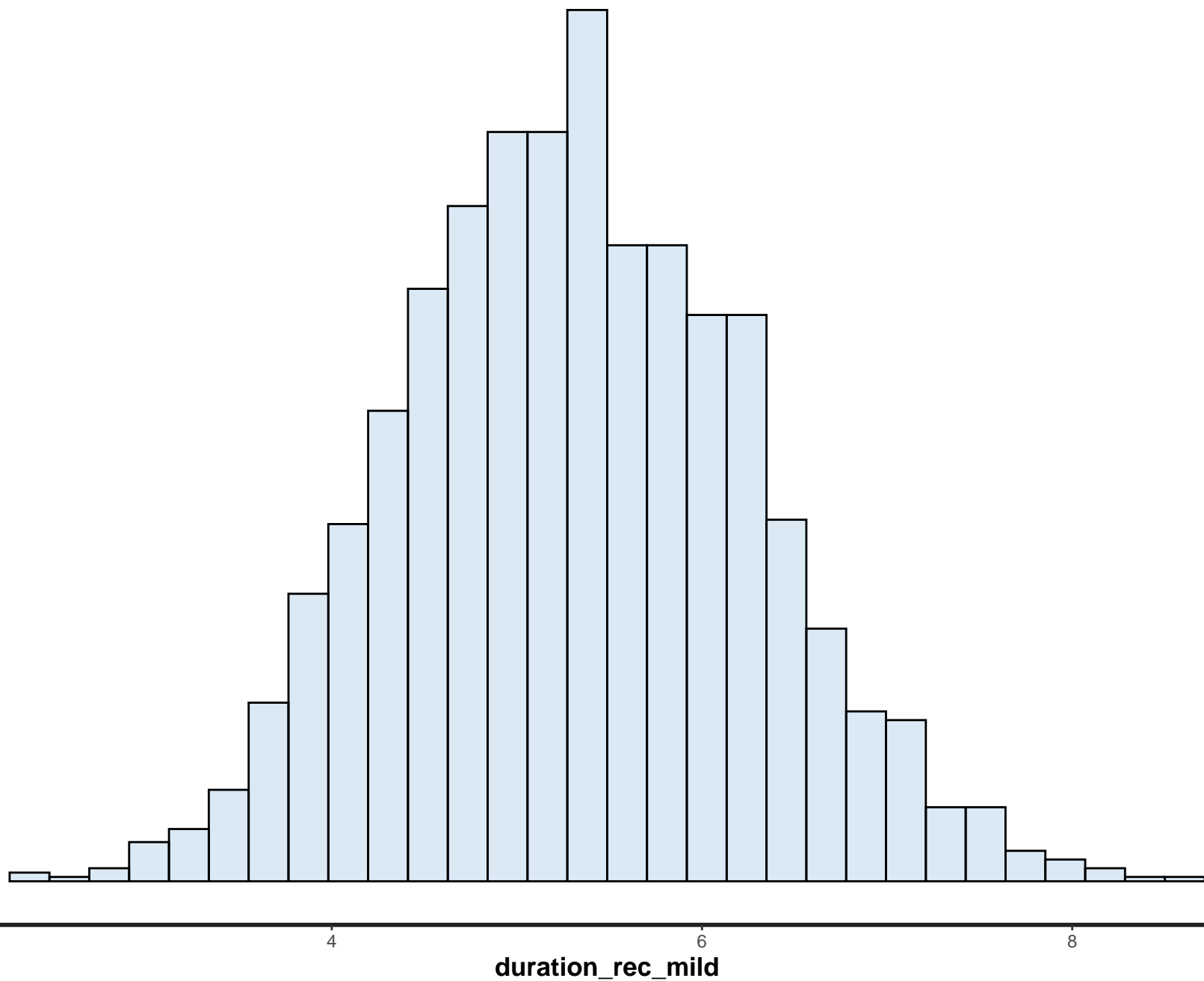
Rt as of 2020-11-02

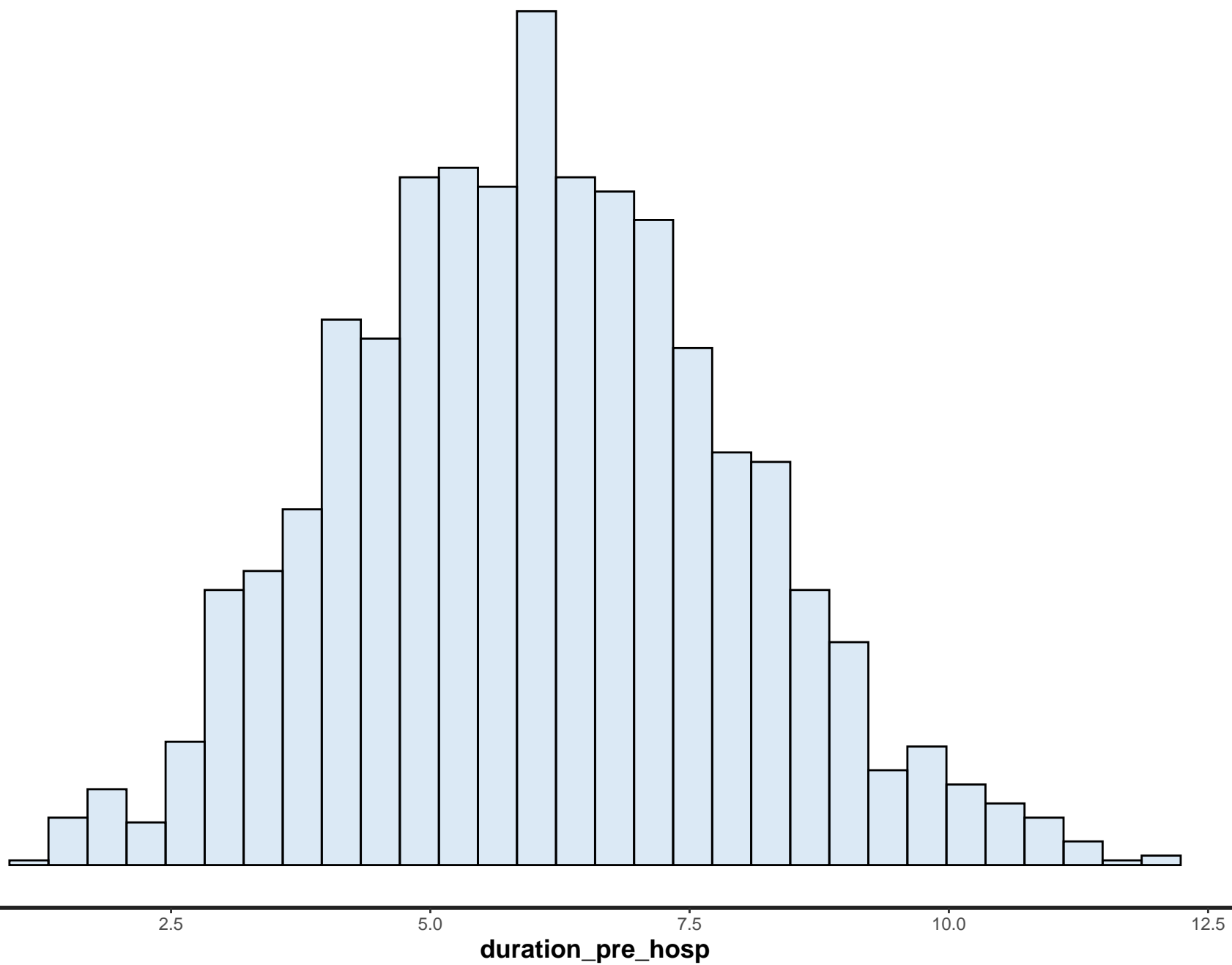
5% 10% 25% 50% 75% 90% 95%
0.34 0.42 0.56 0.74 0.94 1.14 1.25

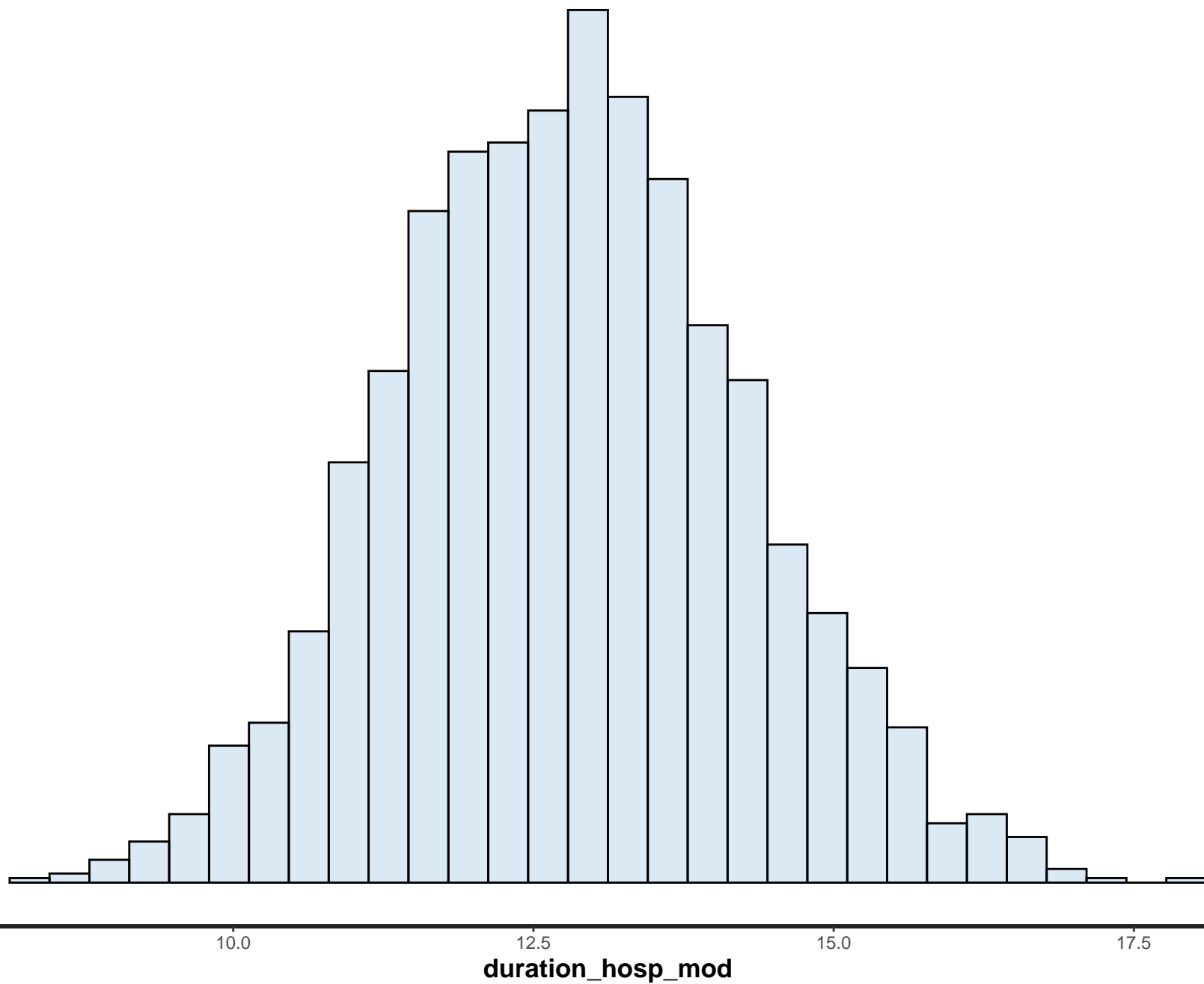


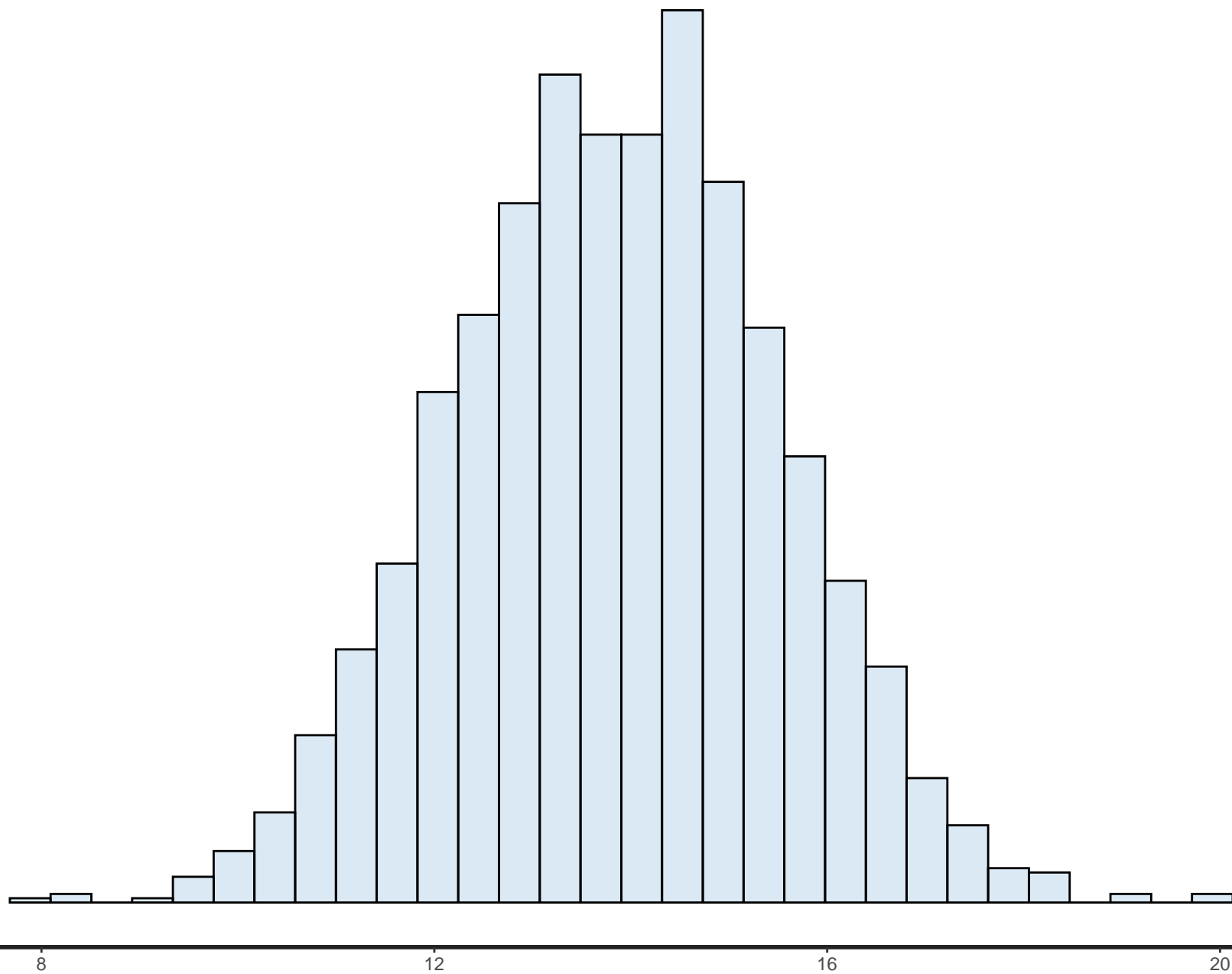


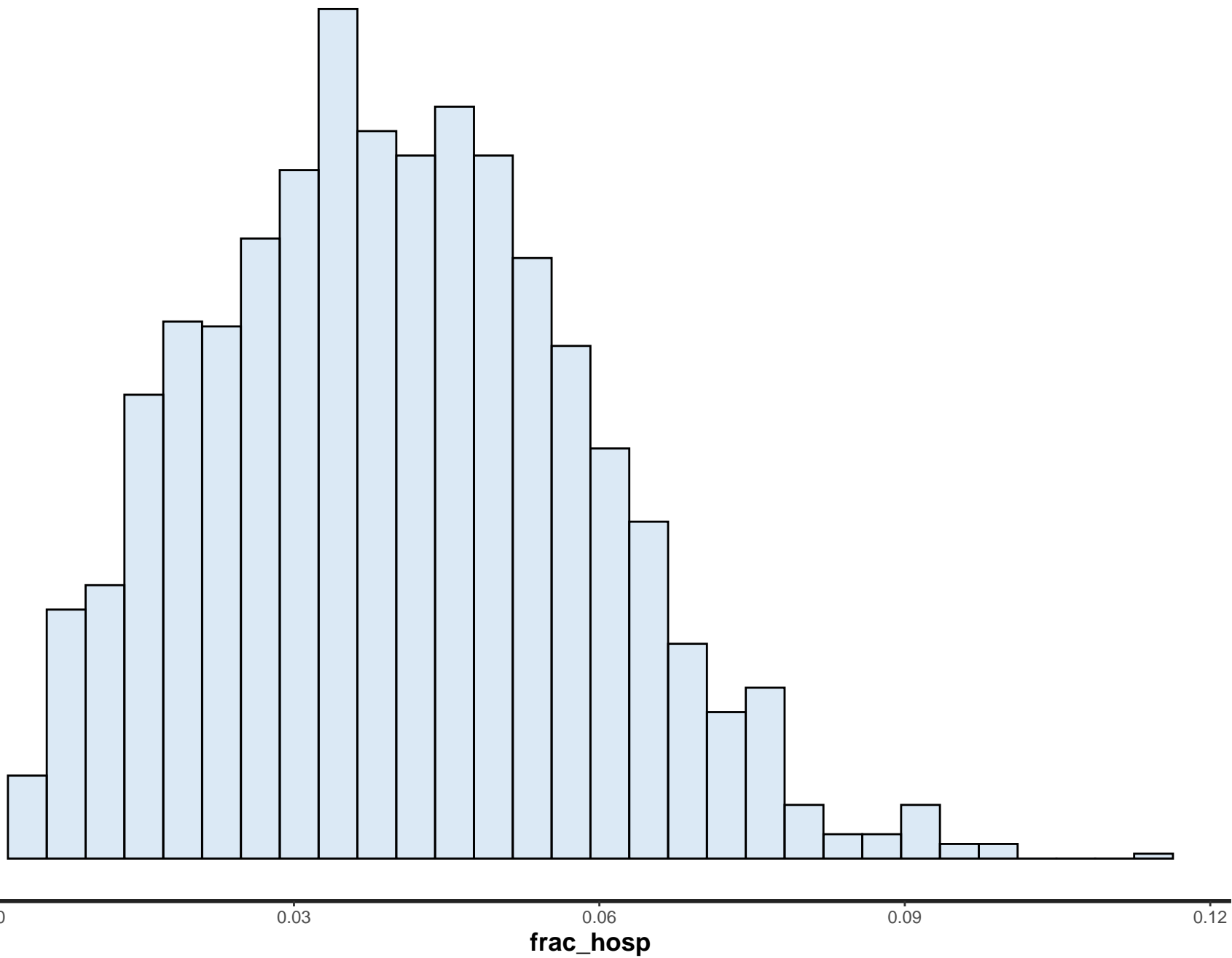


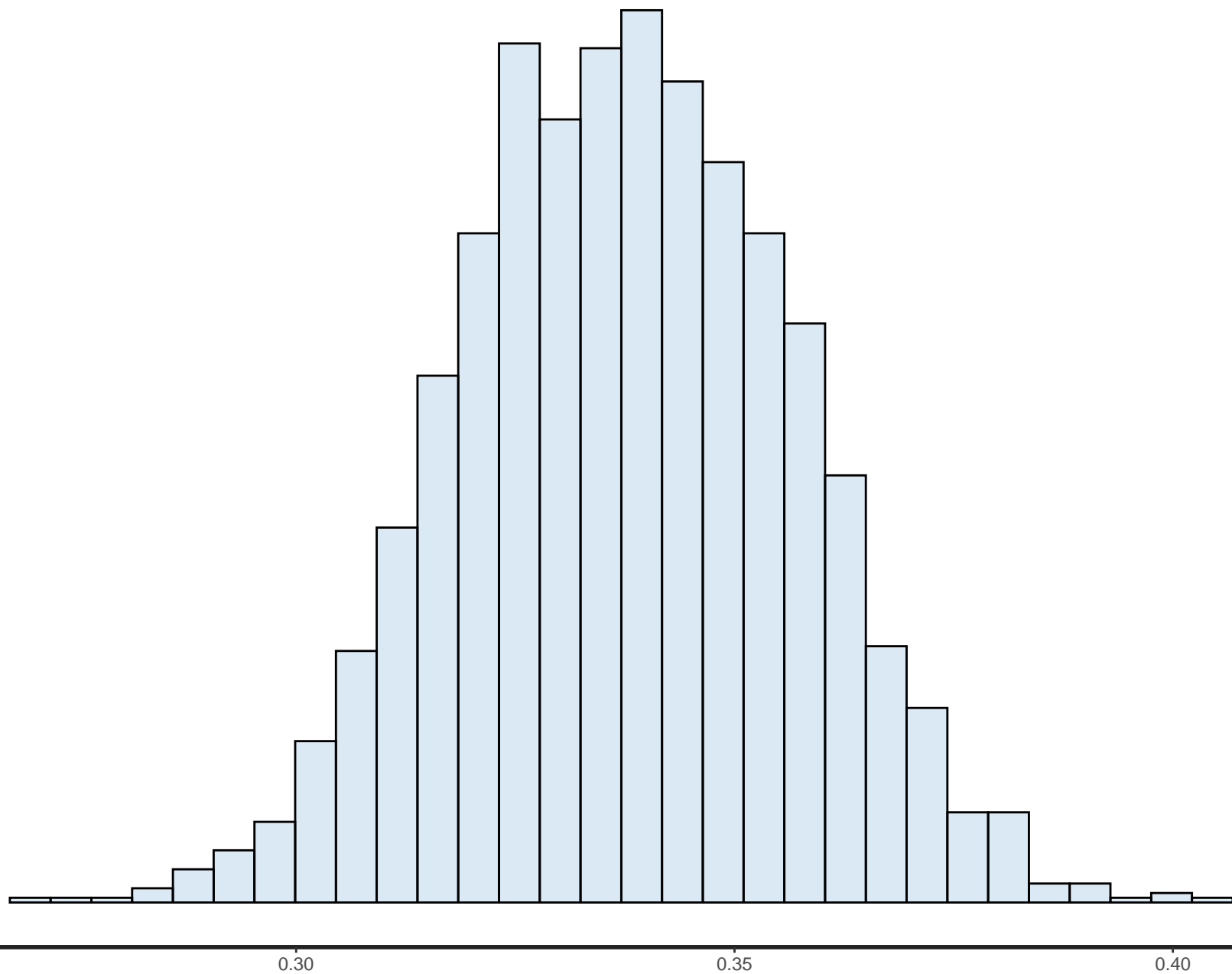


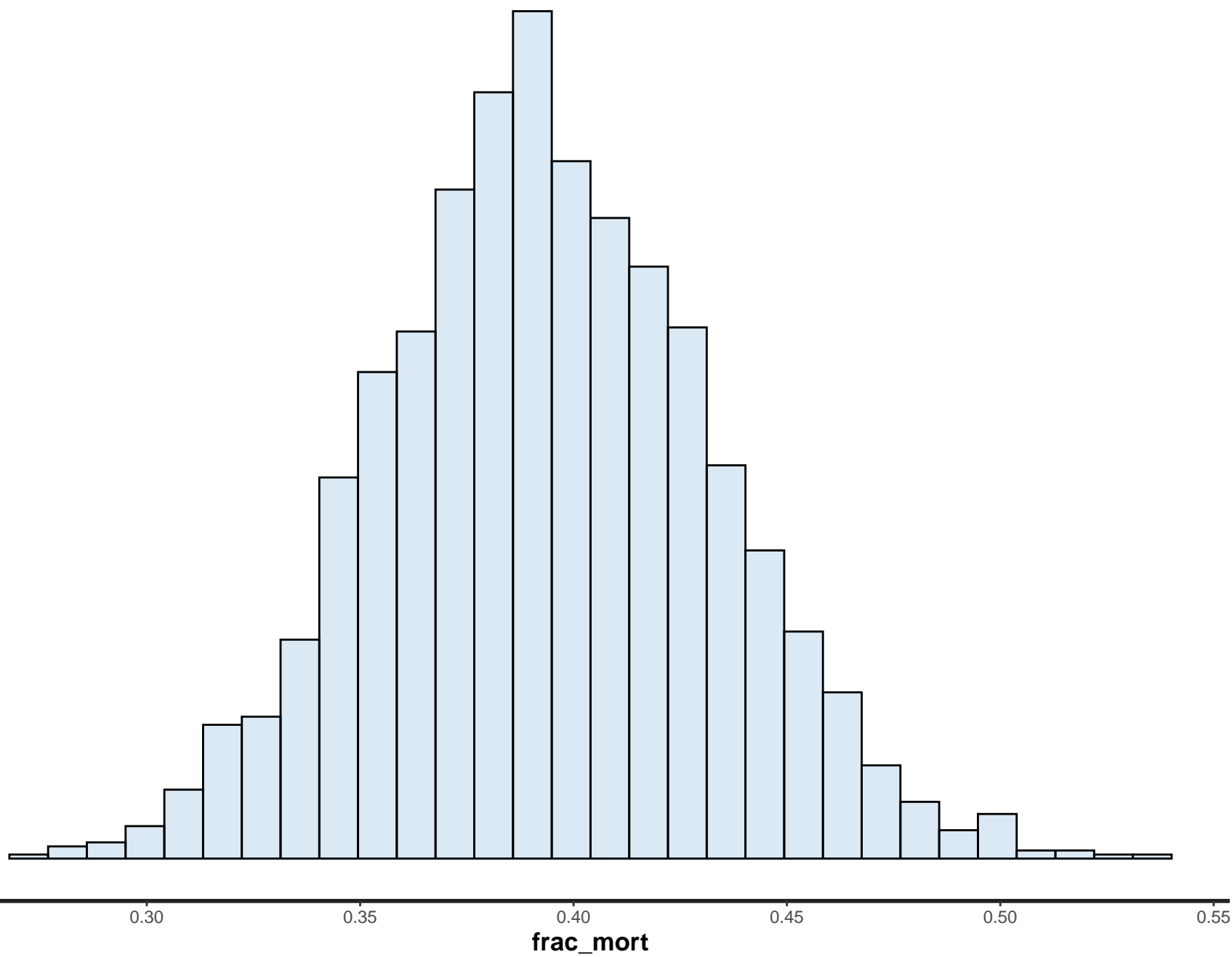


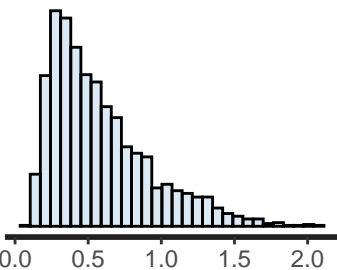
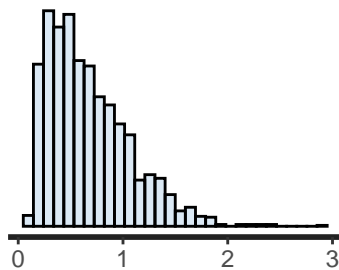
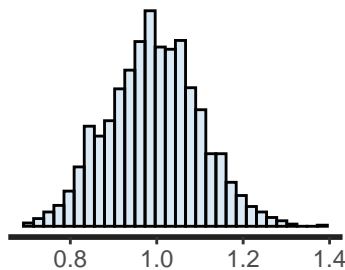
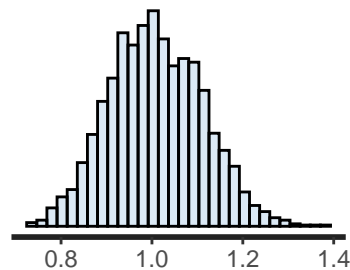
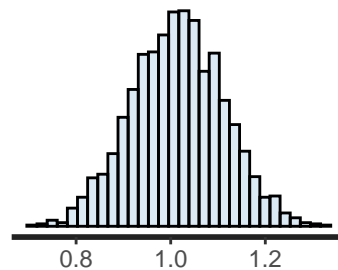
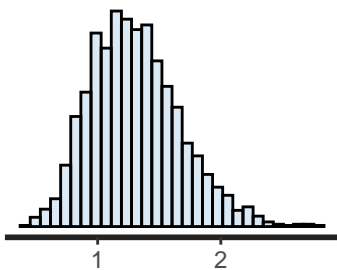
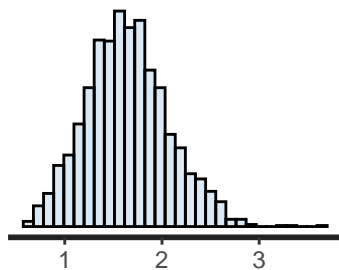
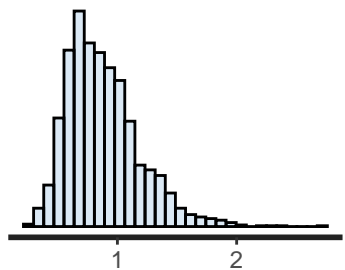
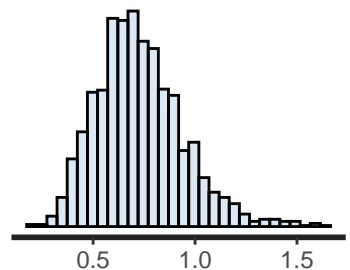
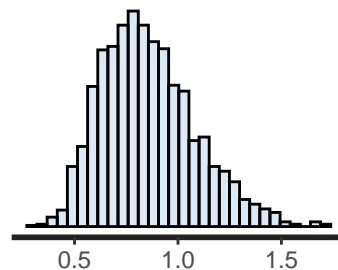
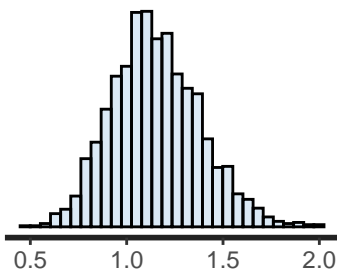
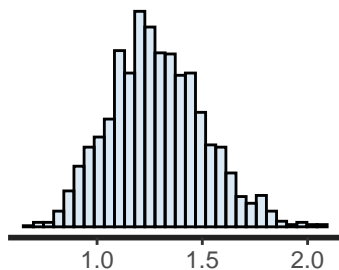
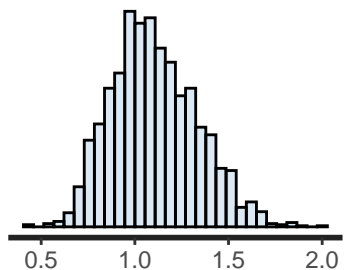
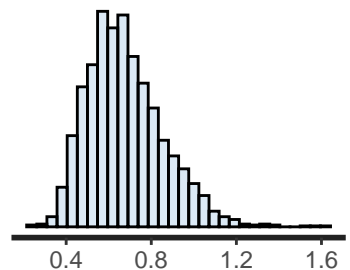
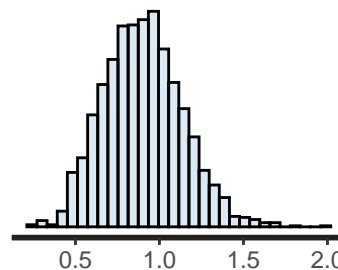
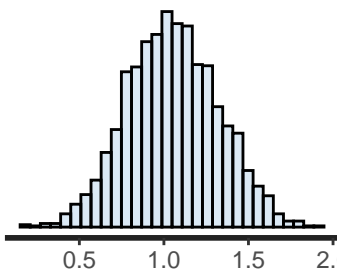
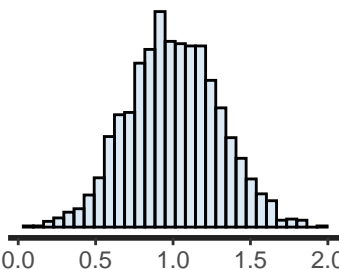
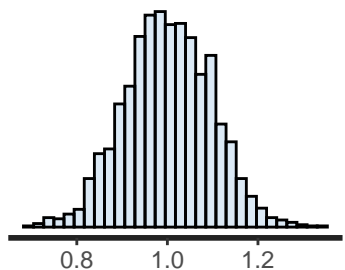


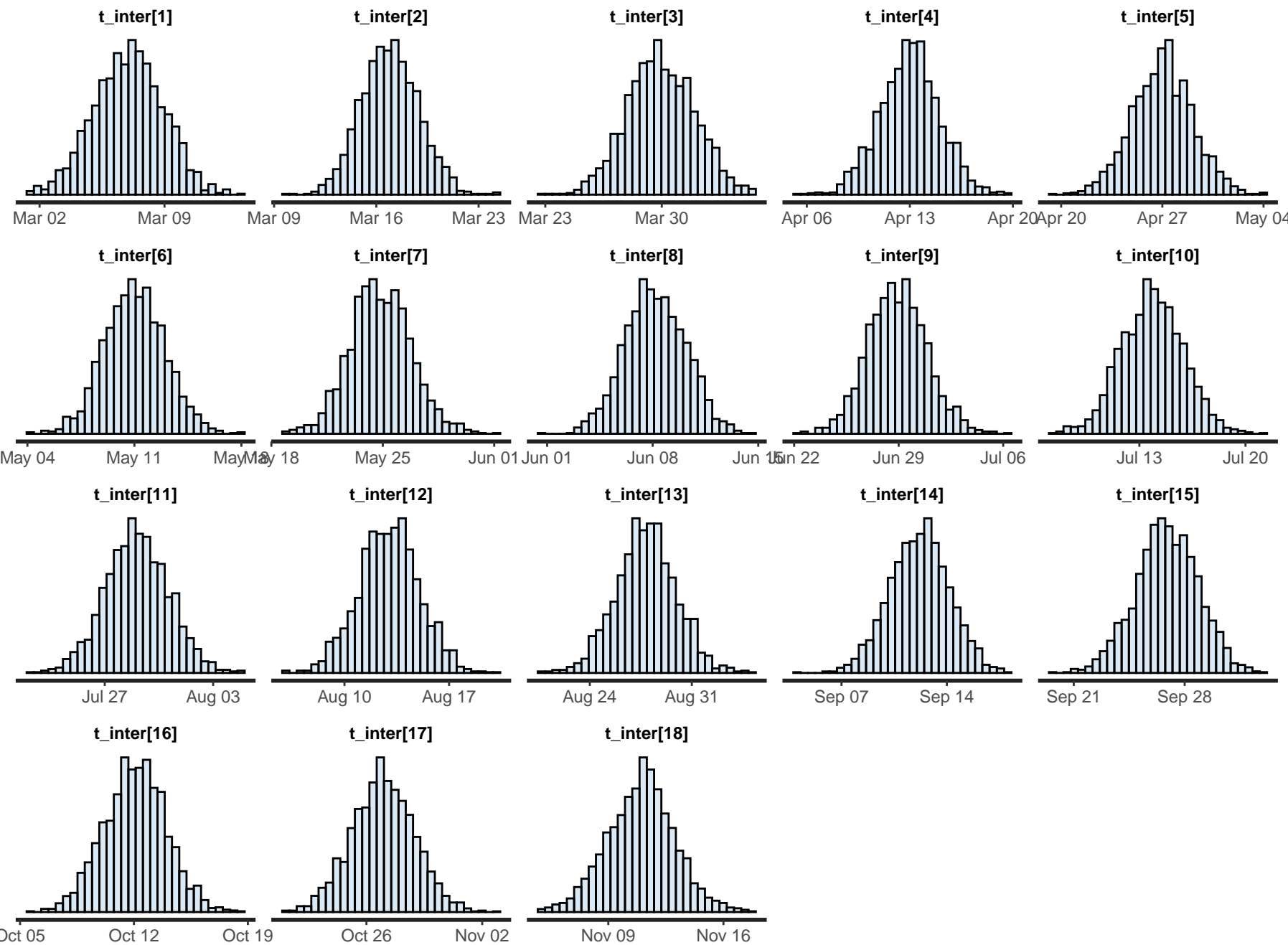


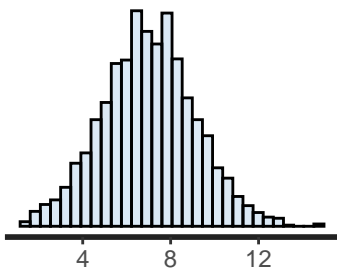
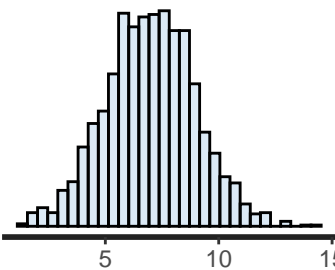
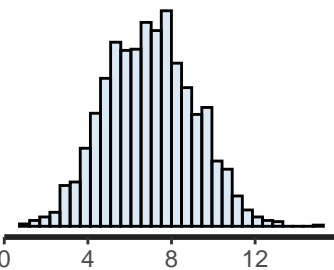
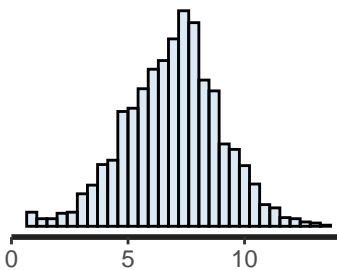
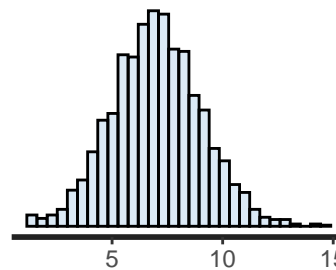
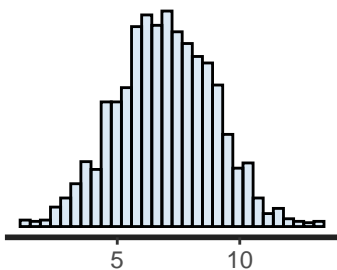
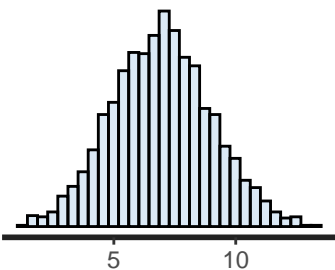
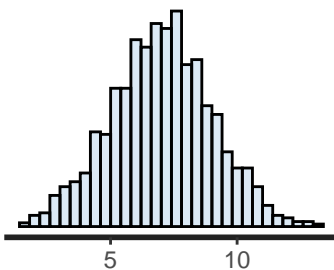
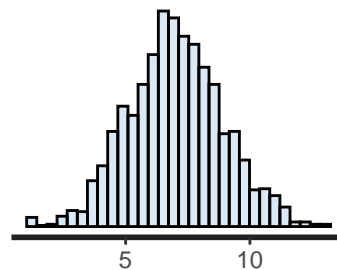
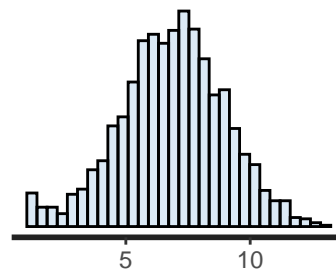
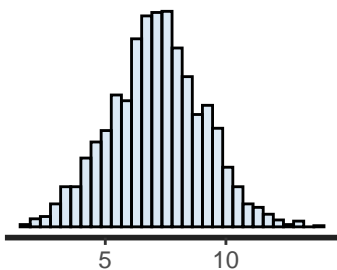
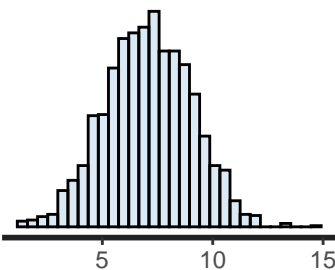
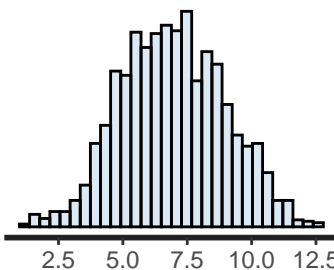
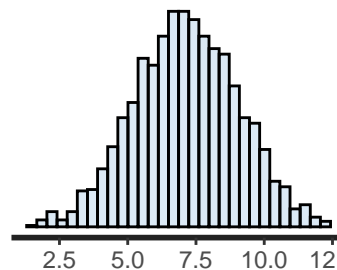
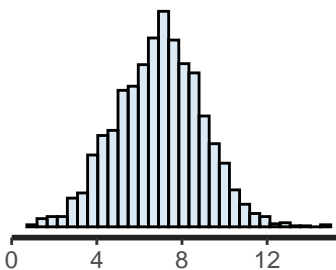
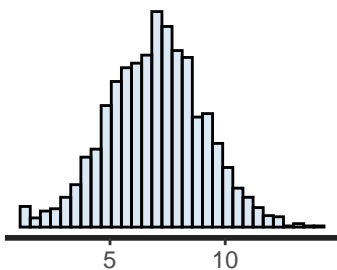
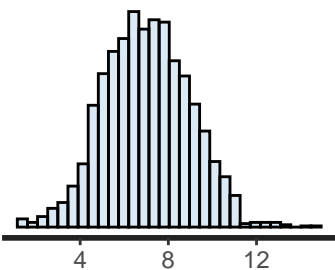
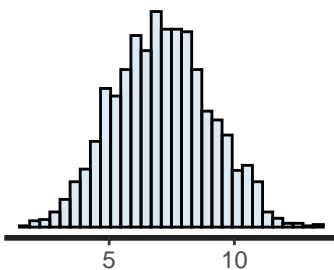




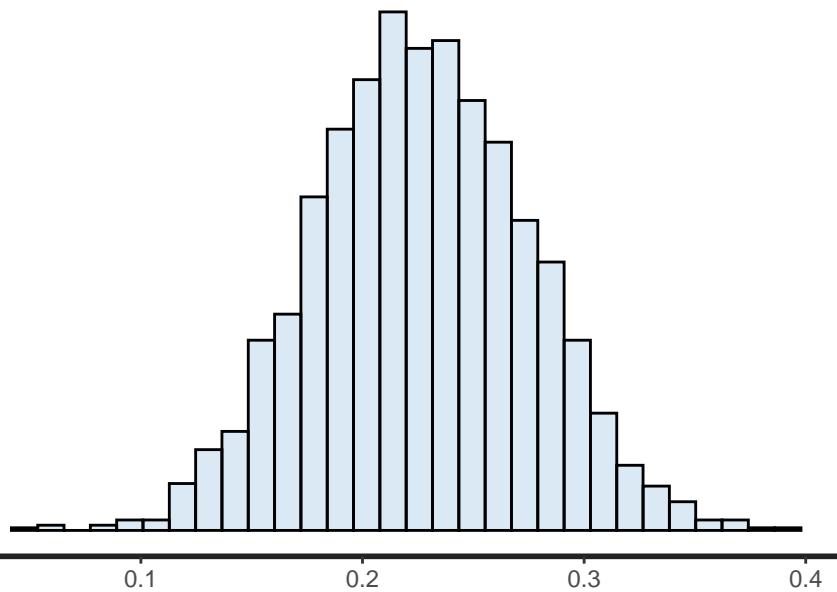


beta_multiplier[1]**beta_multiplier[2]****beta_multiplier[3]****beta_multiplier[4]****beta_multiplier[5]****beta_multiplier[6]****beta_multiplier[7]****beta_multiplier[8]****beta_multiplier[9]****beta_multiplier[10]****beta_multiplier[11]****beta_multiplier[12]****beta_multiplier[13]****beta_multiplier[14]****beta_multiplier[15]****beta_multiplier[16]****beta_multiplier[17]****beta_multiplier[18]**

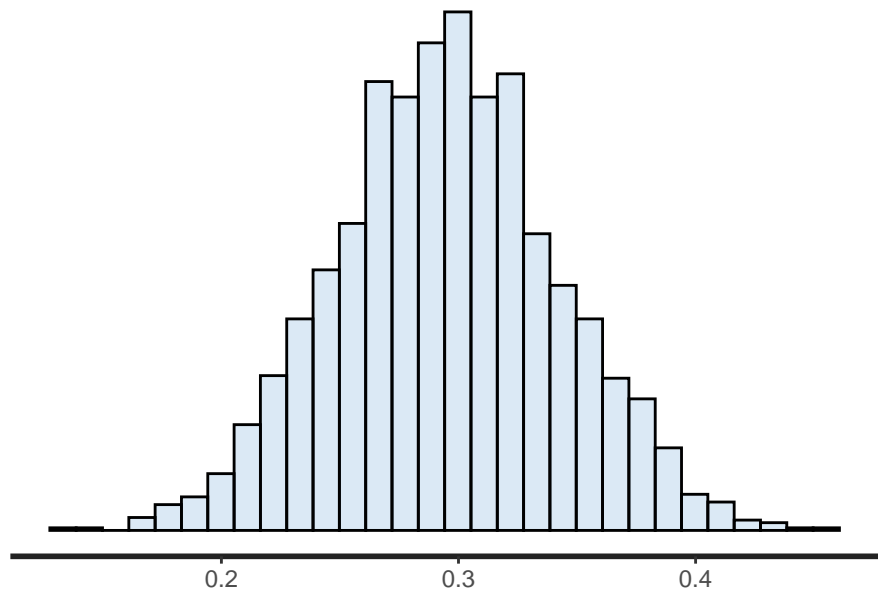


len_inter[1]**len_inter[2]****len_inter[3]****len_inter[4]****len_inter[5]****len_inter[6]****len_inter[7]****len_inter[8]****len_inter[9]****len_inter[10]****len_inter[11]****len_inter[12]****len_inter[13]****len_inter[14]****len_inter[15]****len_inter[16]****len_inter[17]****len_inter[18]**

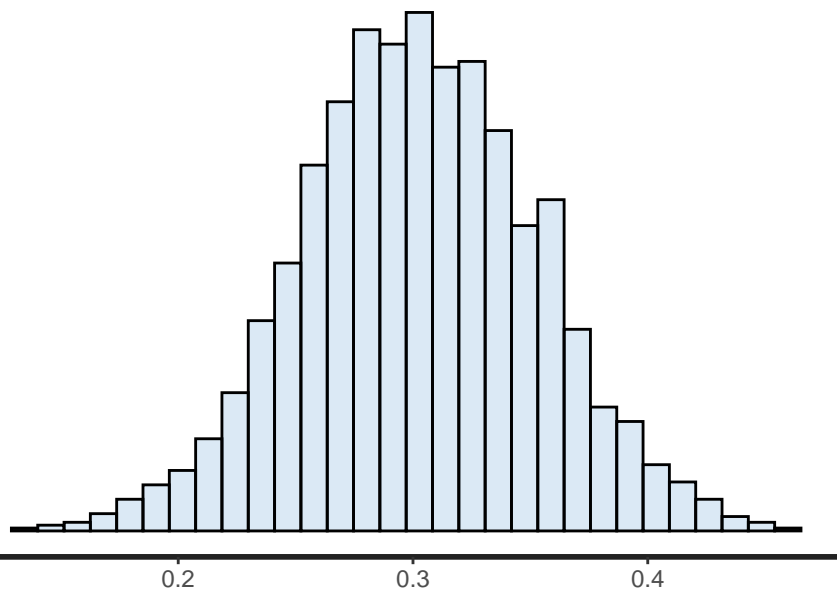
frac_PUI[1]



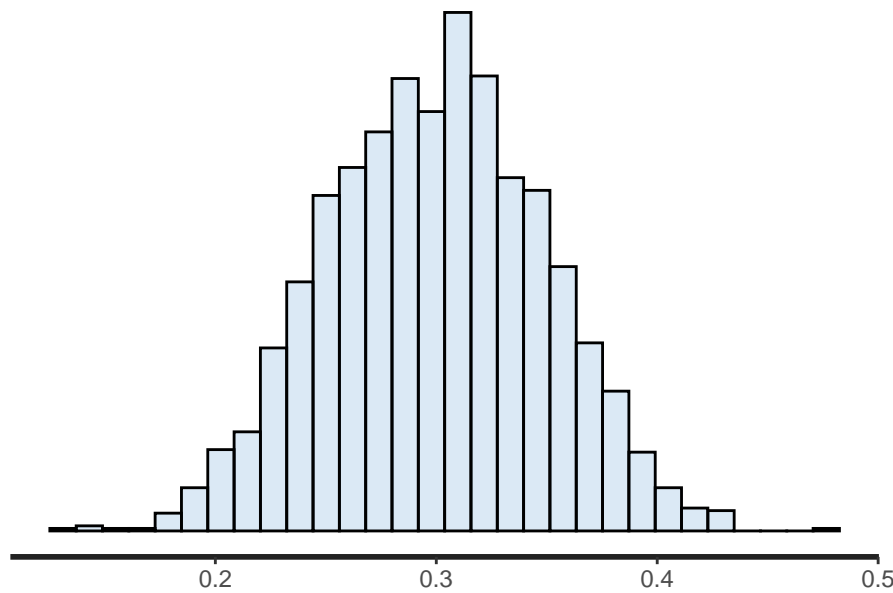
frac_PUI[2]

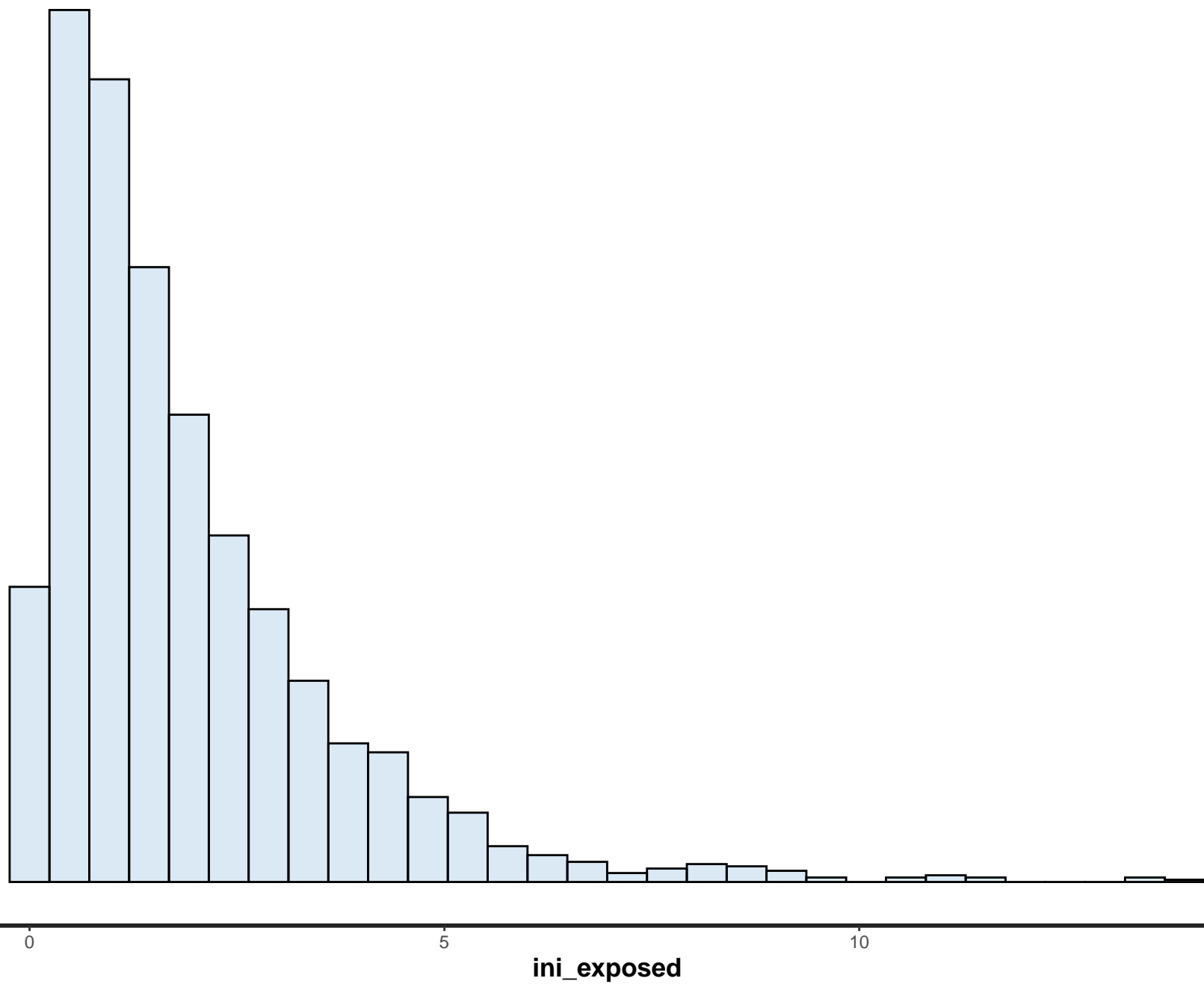


frac_PUI[3]

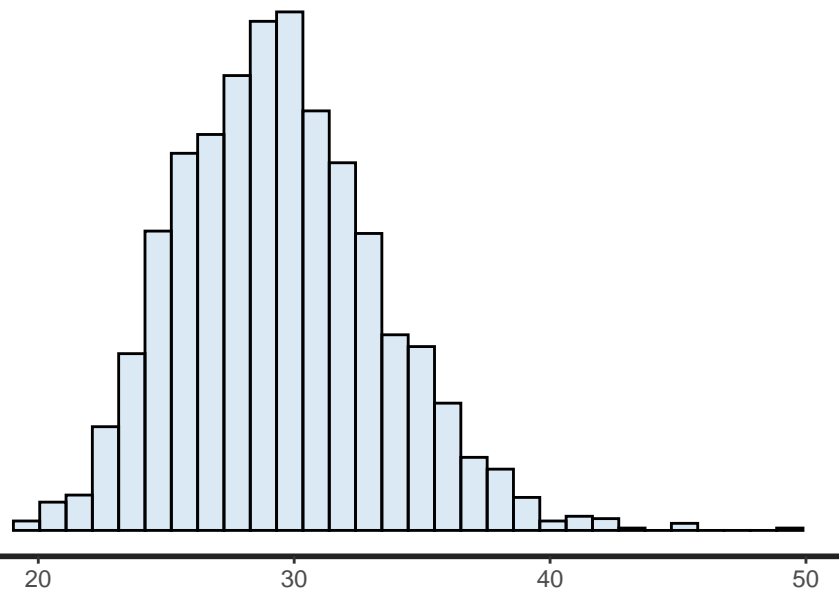


frac_PUI[4]

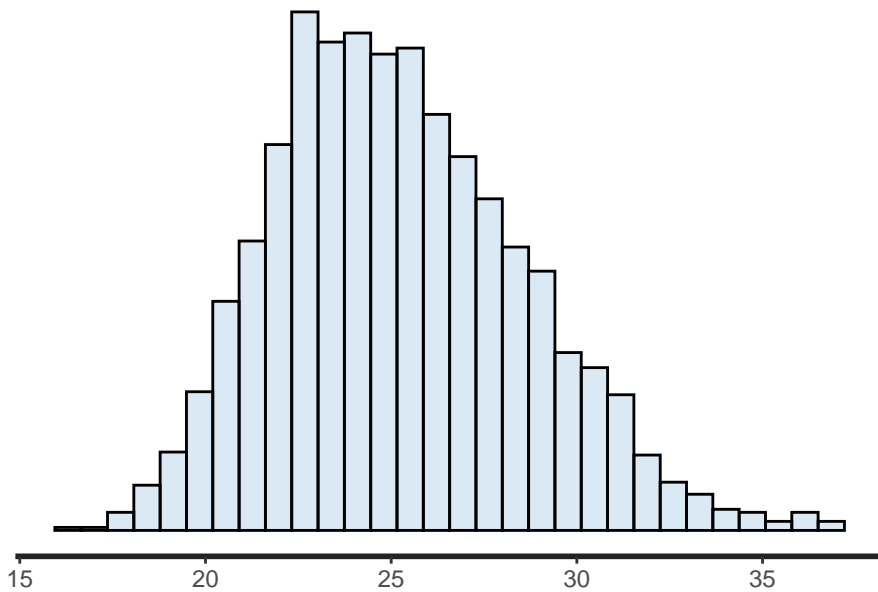




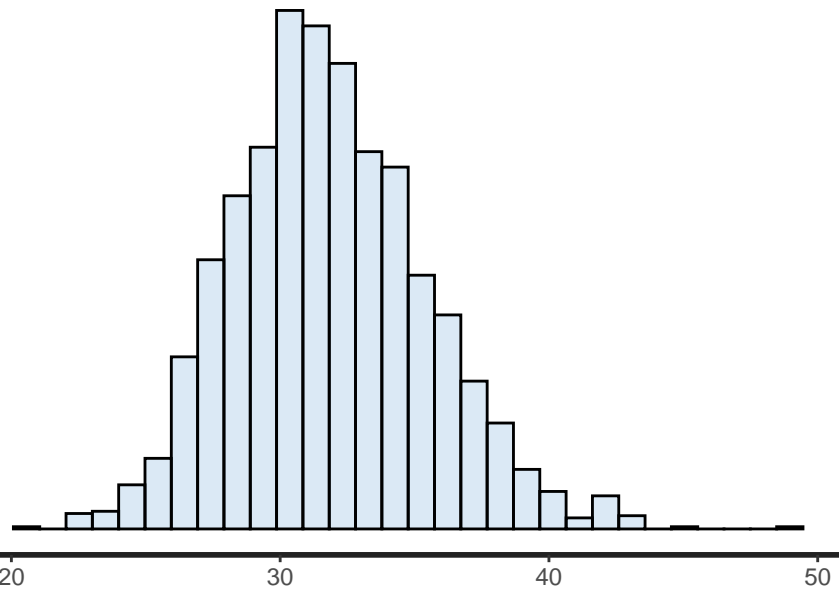
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

