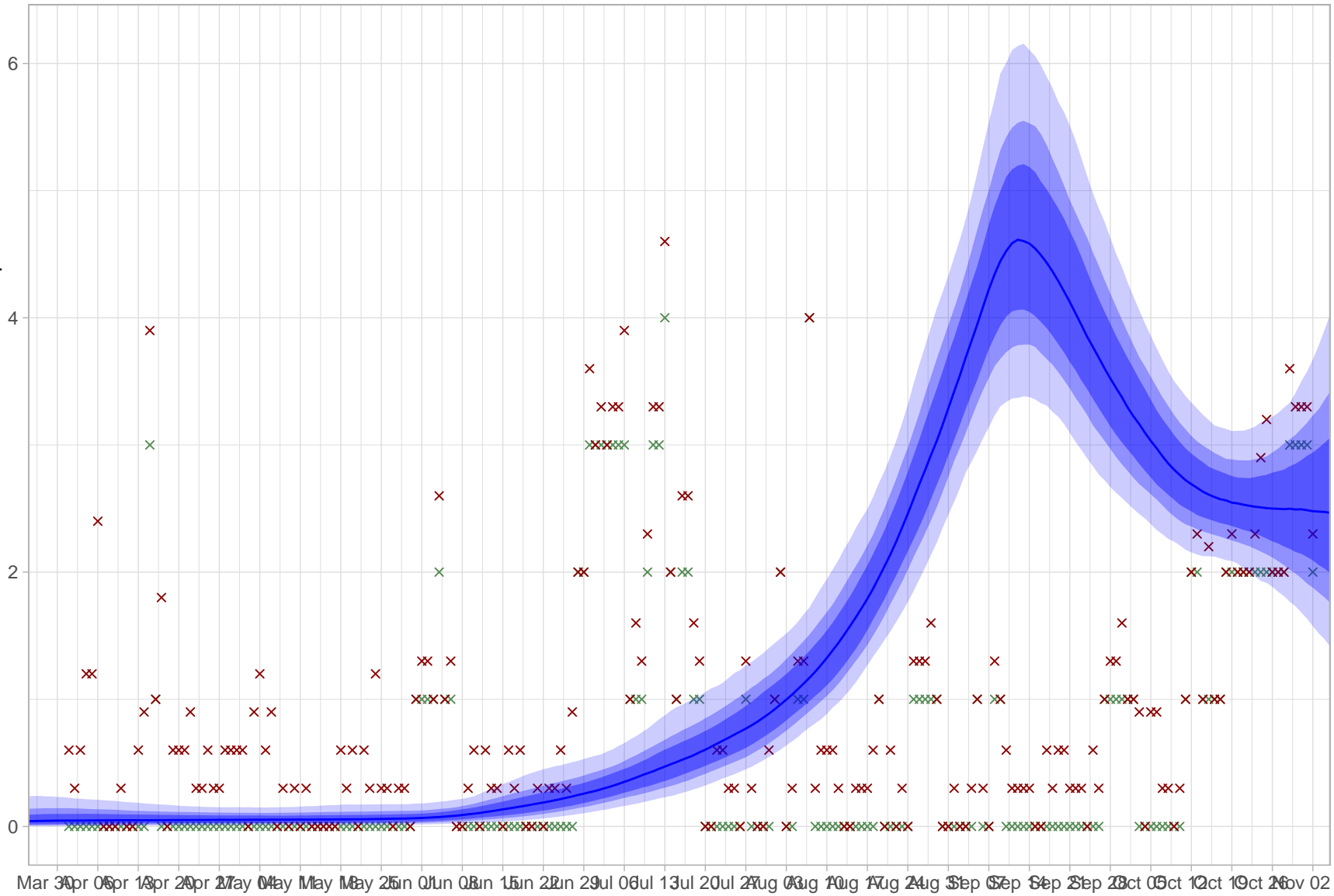


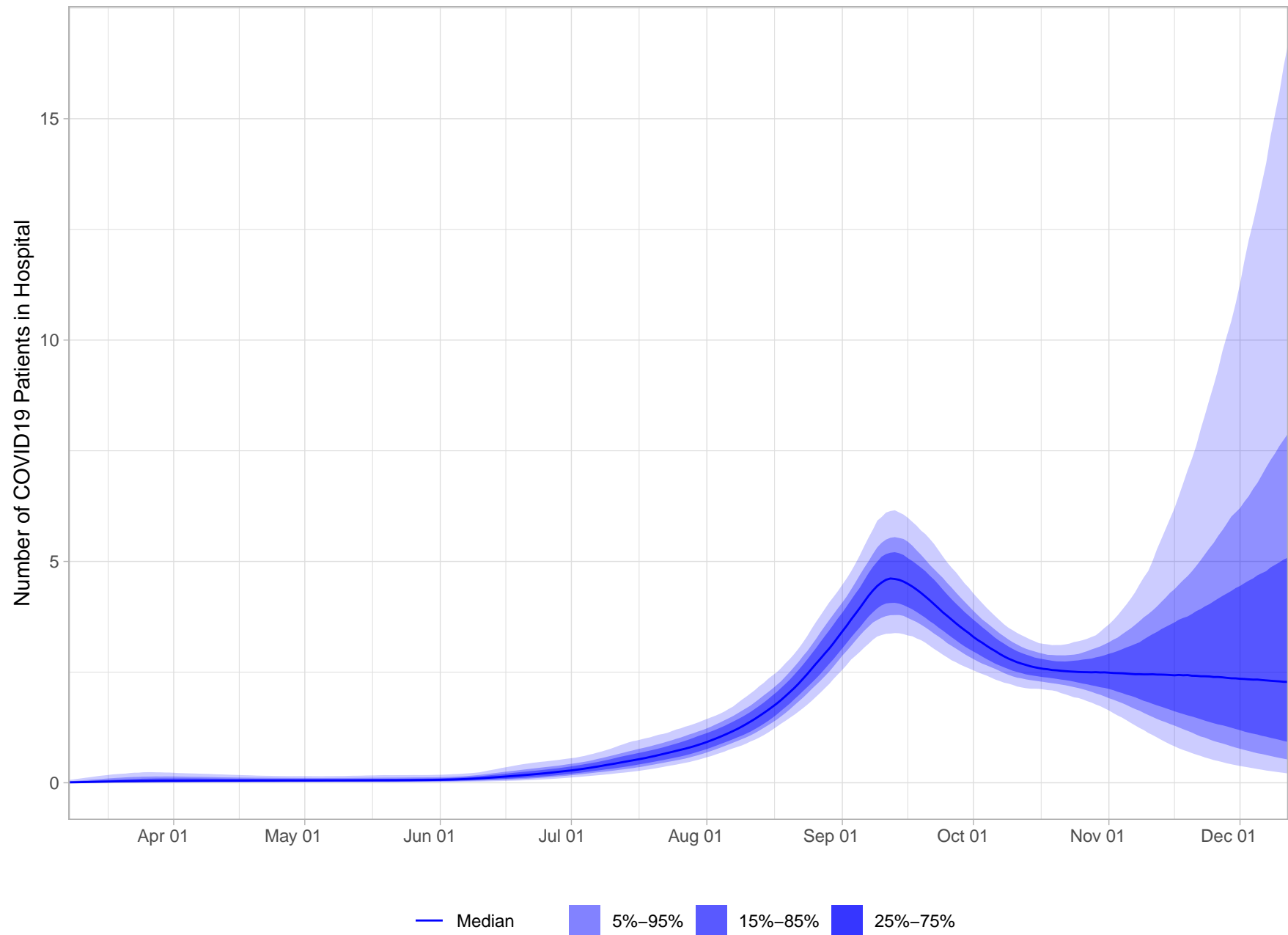
Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital



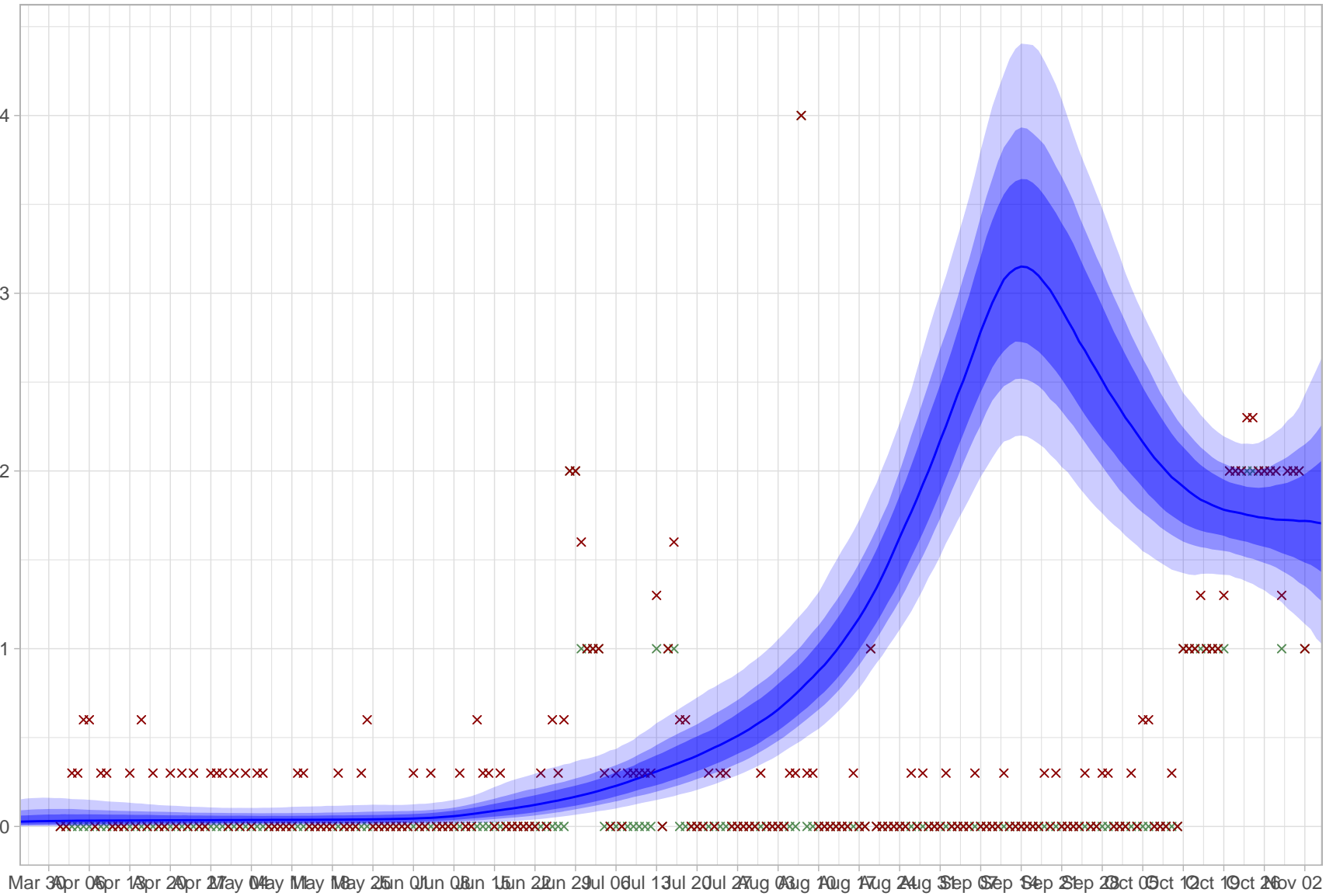
— Median
 x Confirmed
 x Confirmed + 30%PUI
 5%–95%
 15%–85%
 25%–75%

Long Term Hospitalization Projection



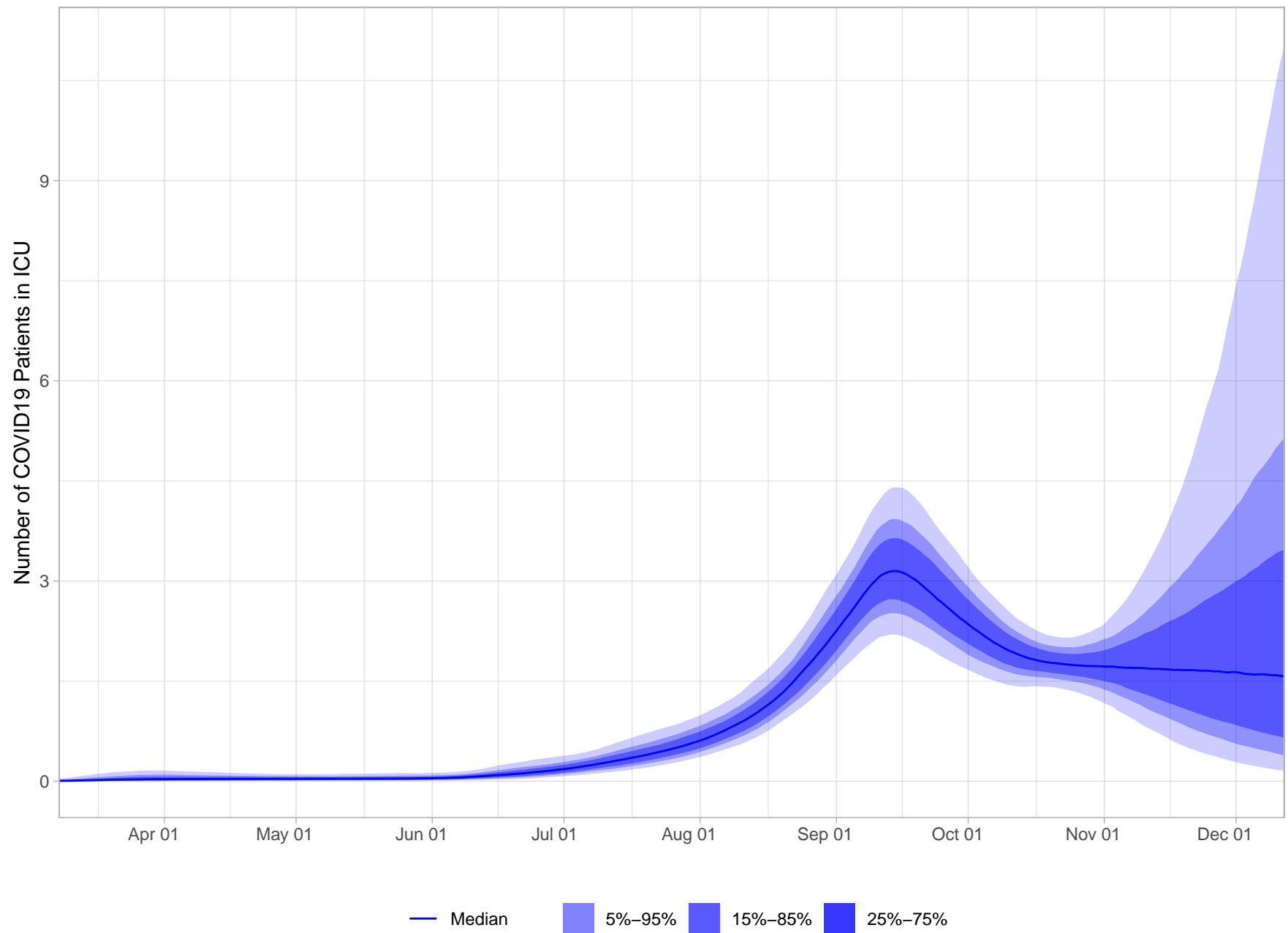
Short Term ICU Projection

Number of COVID19 Patients in ICU

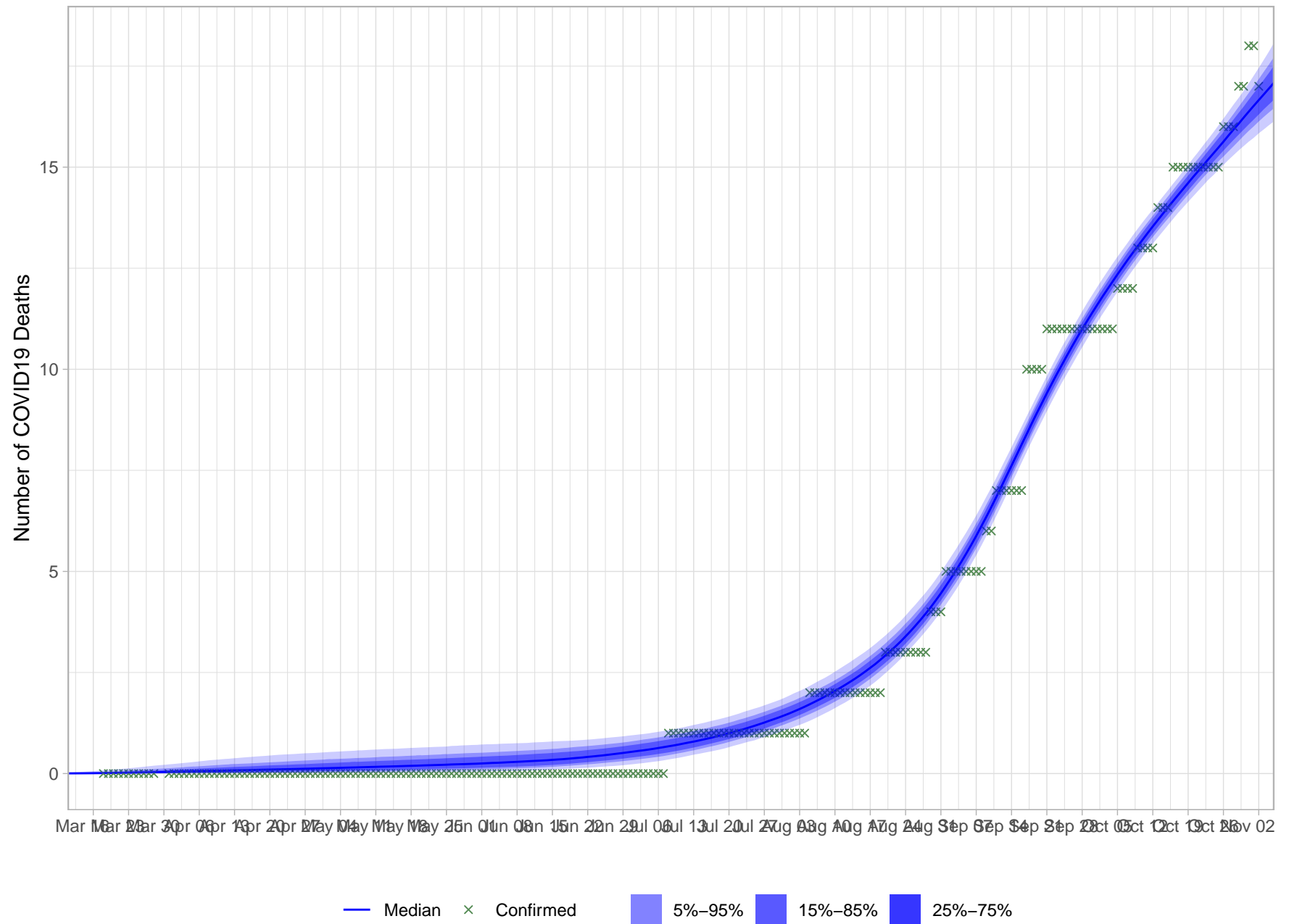


Median Confirmed Confirmed + 30%PUI 5%-95% 15%-85% 25%-75%

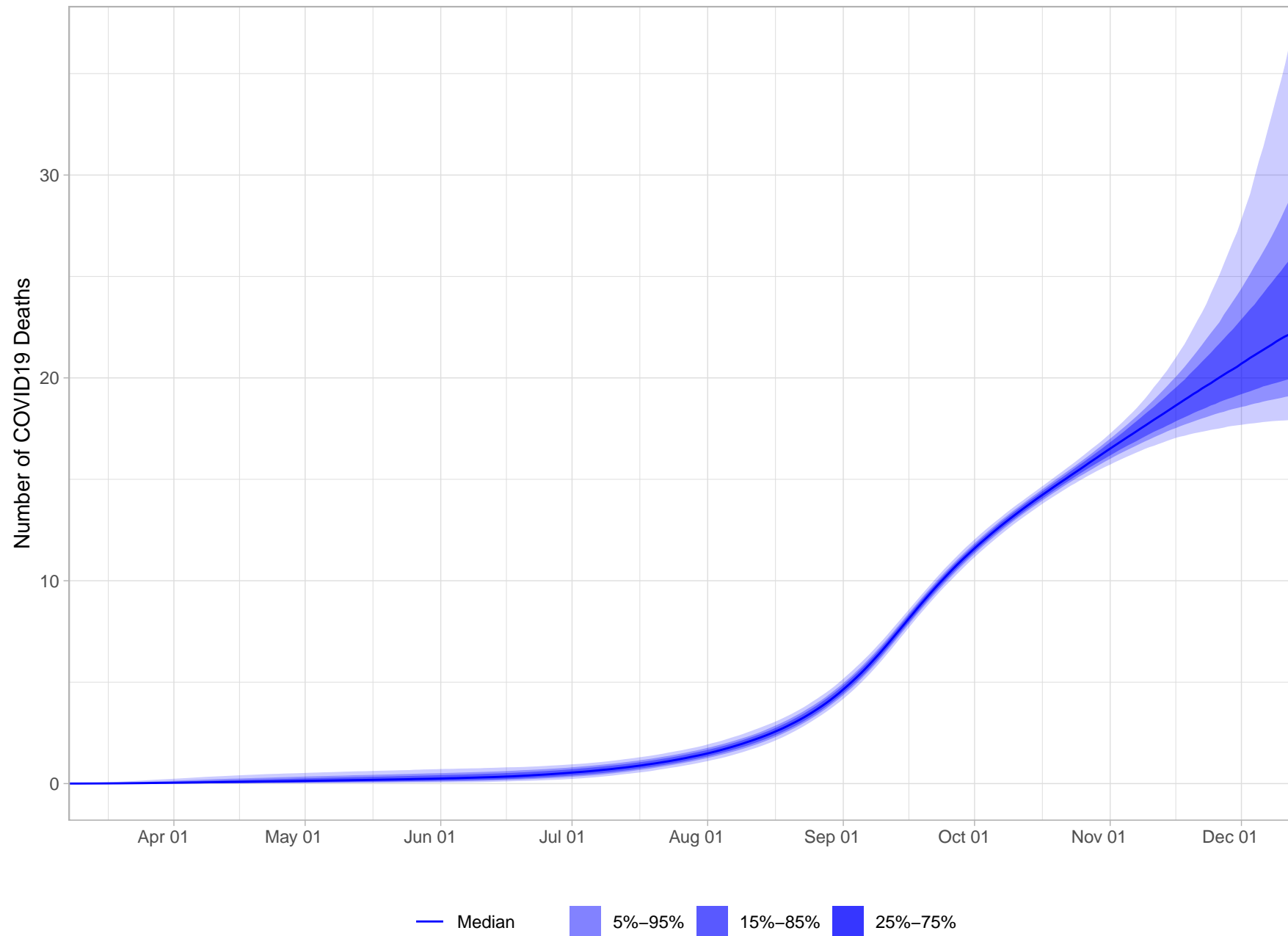
Long Term ICU Projection



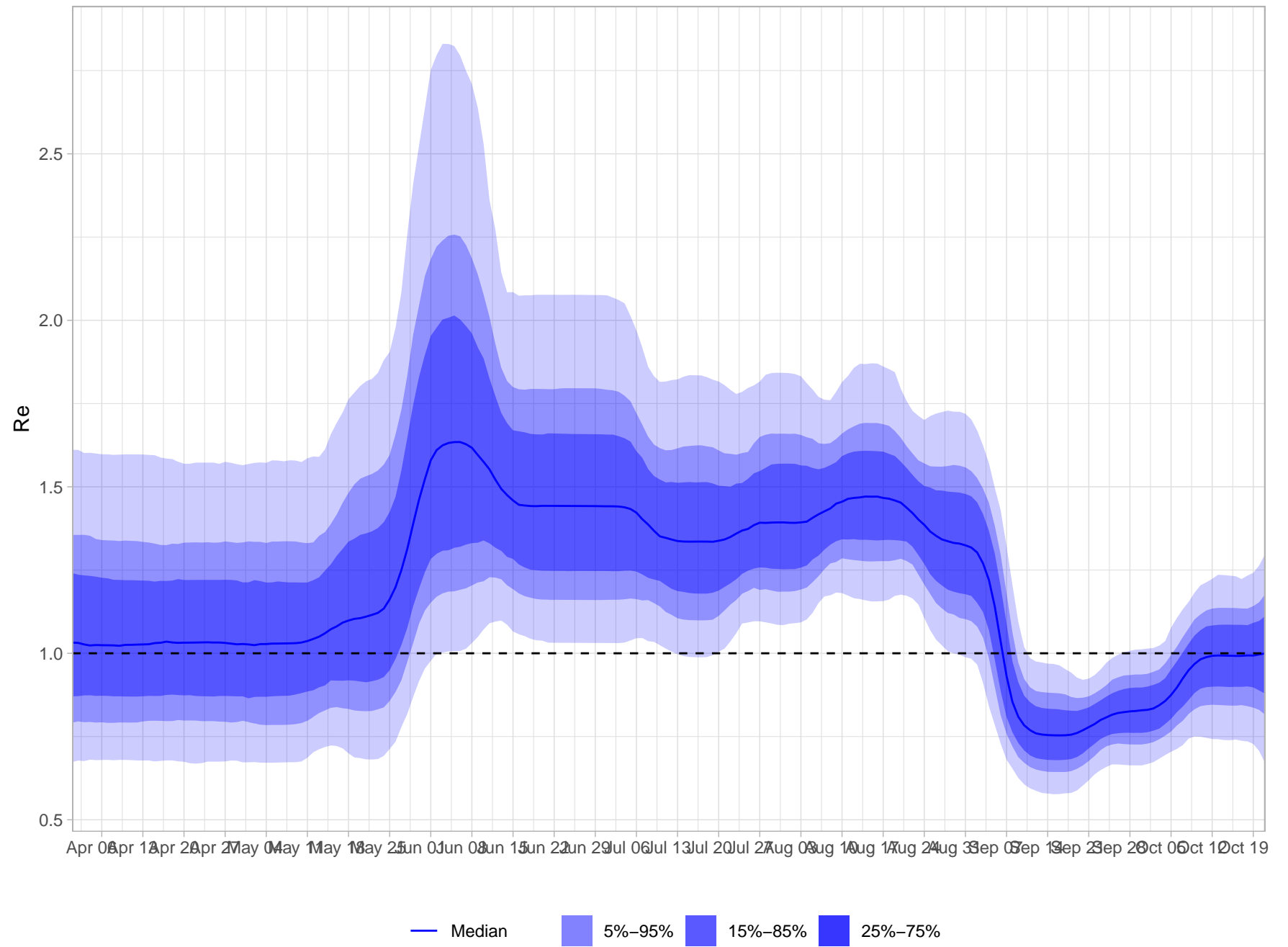
Short Term Death Projection



Long Term Death Projection

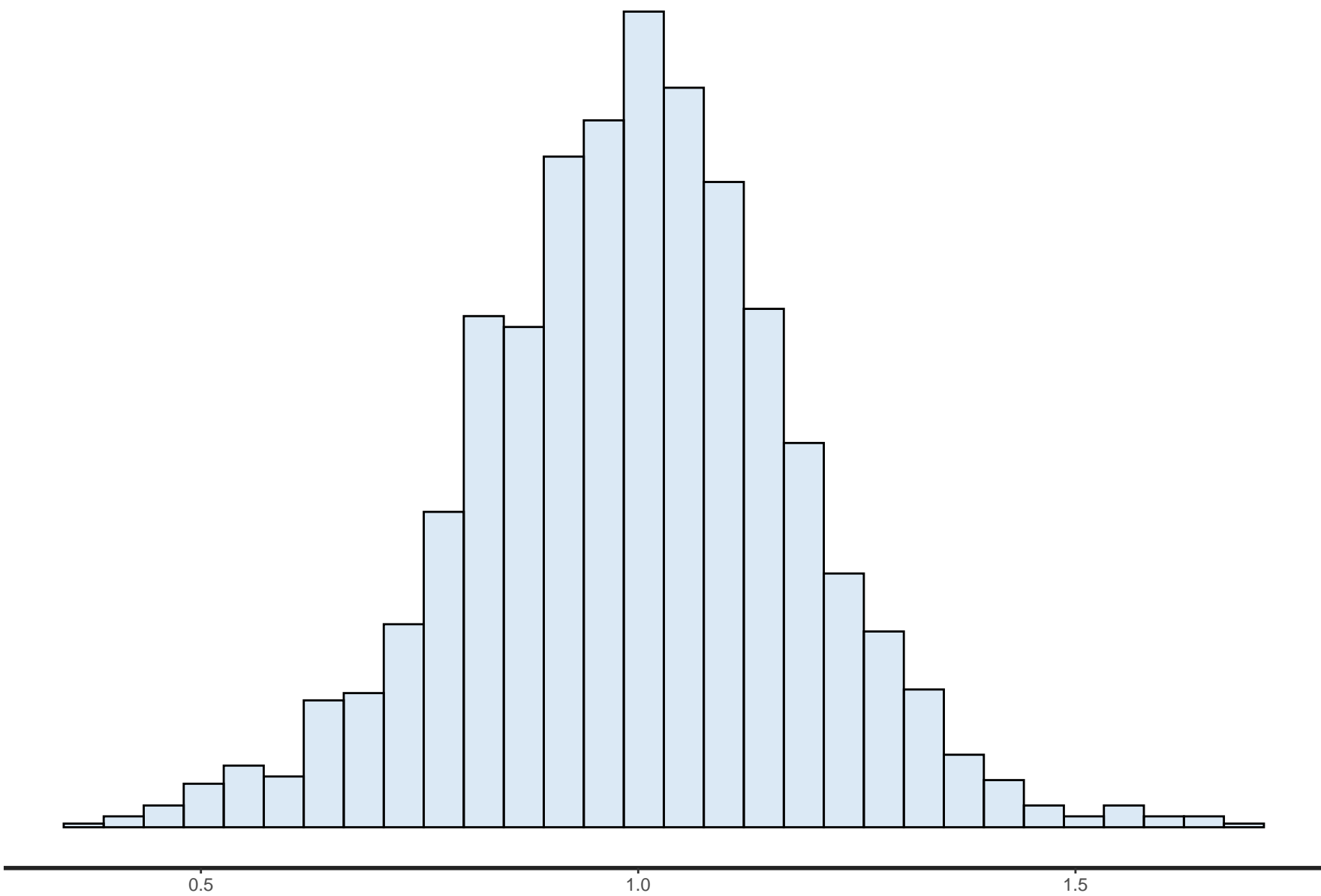


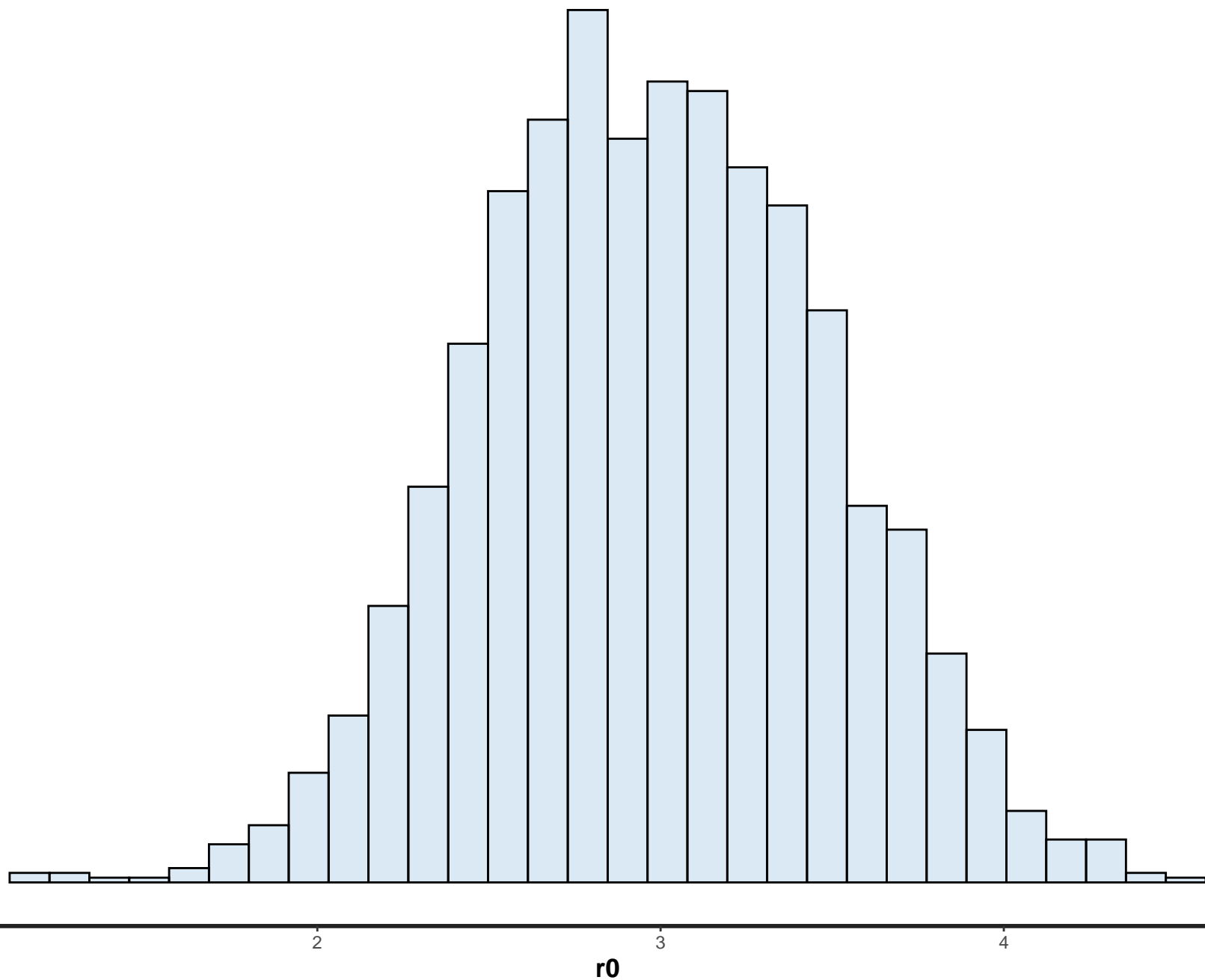
Effective Reproduction Number

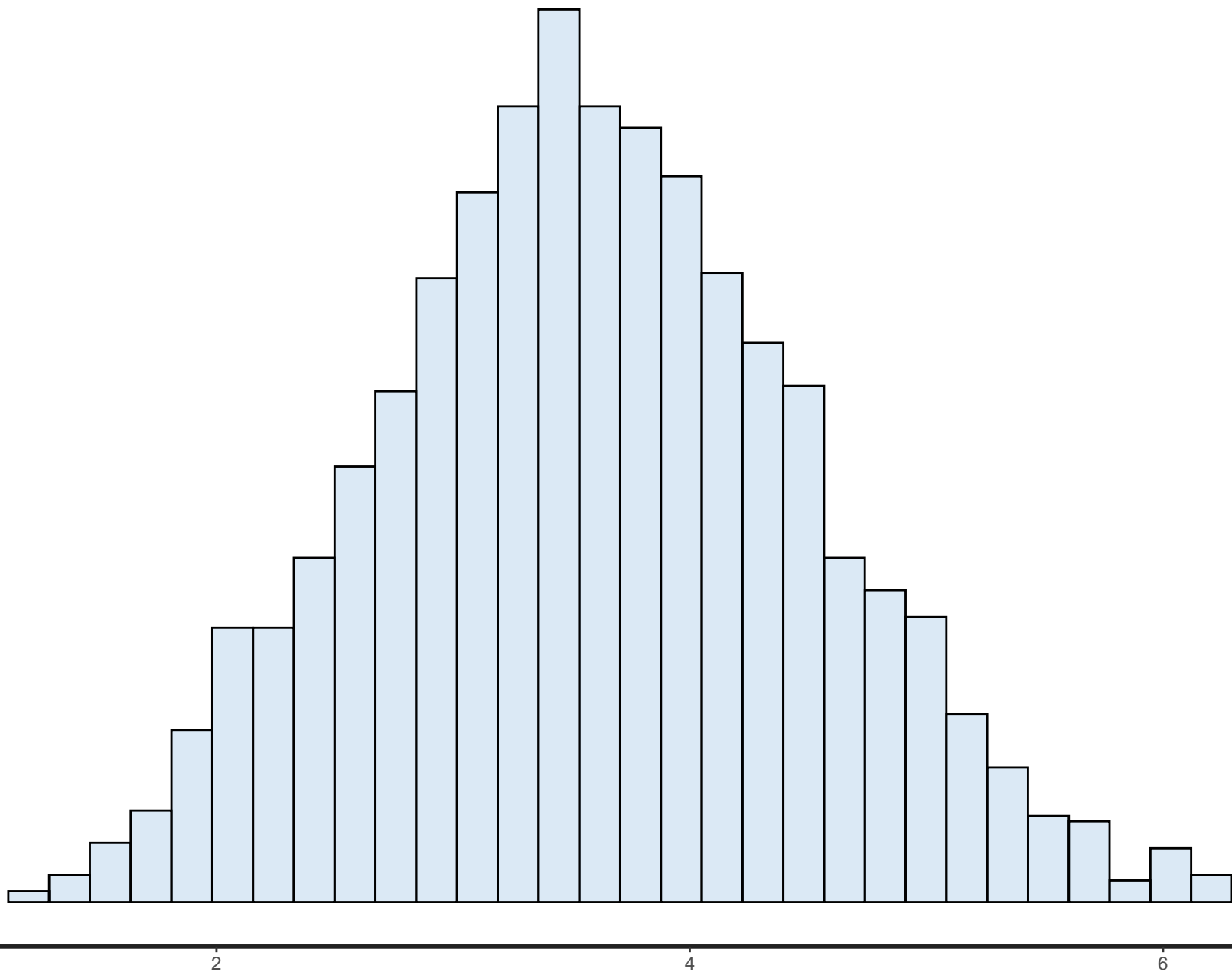


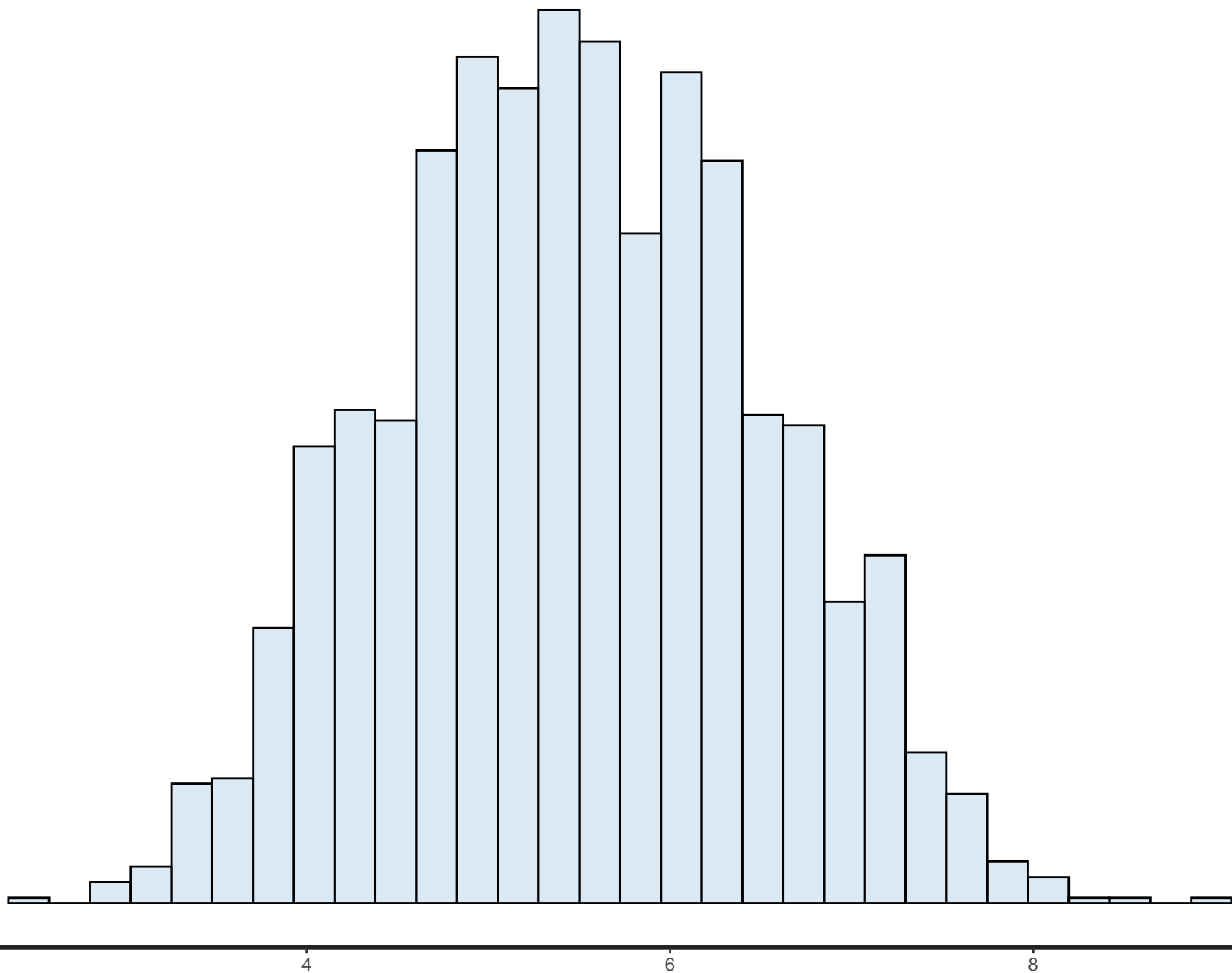
Rt as of 2020-10-21

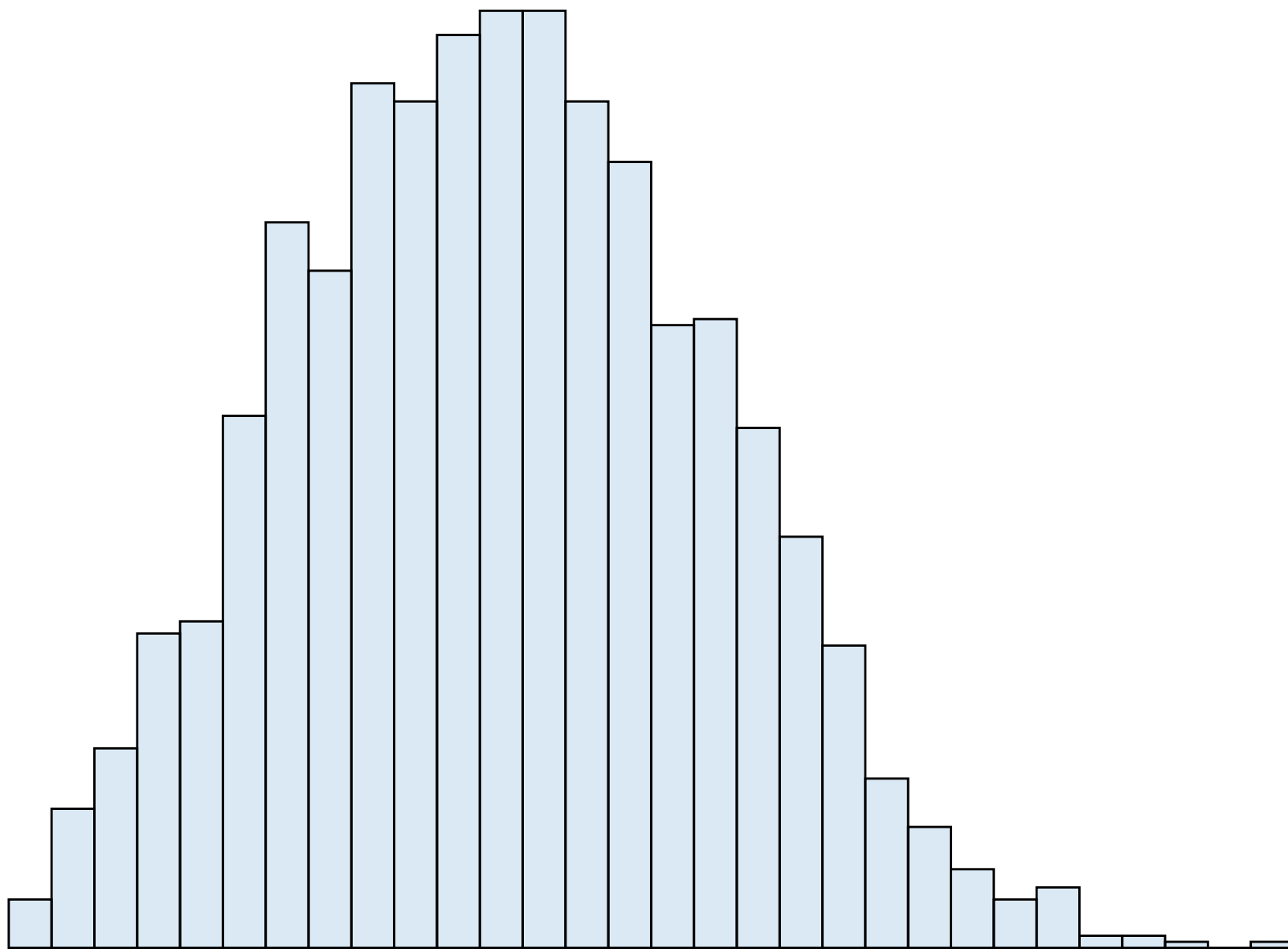
5% 10% 25% 50% 75% 90% 95%
0.67 0.77 0.88 1.00 1.11 1.22 1.30



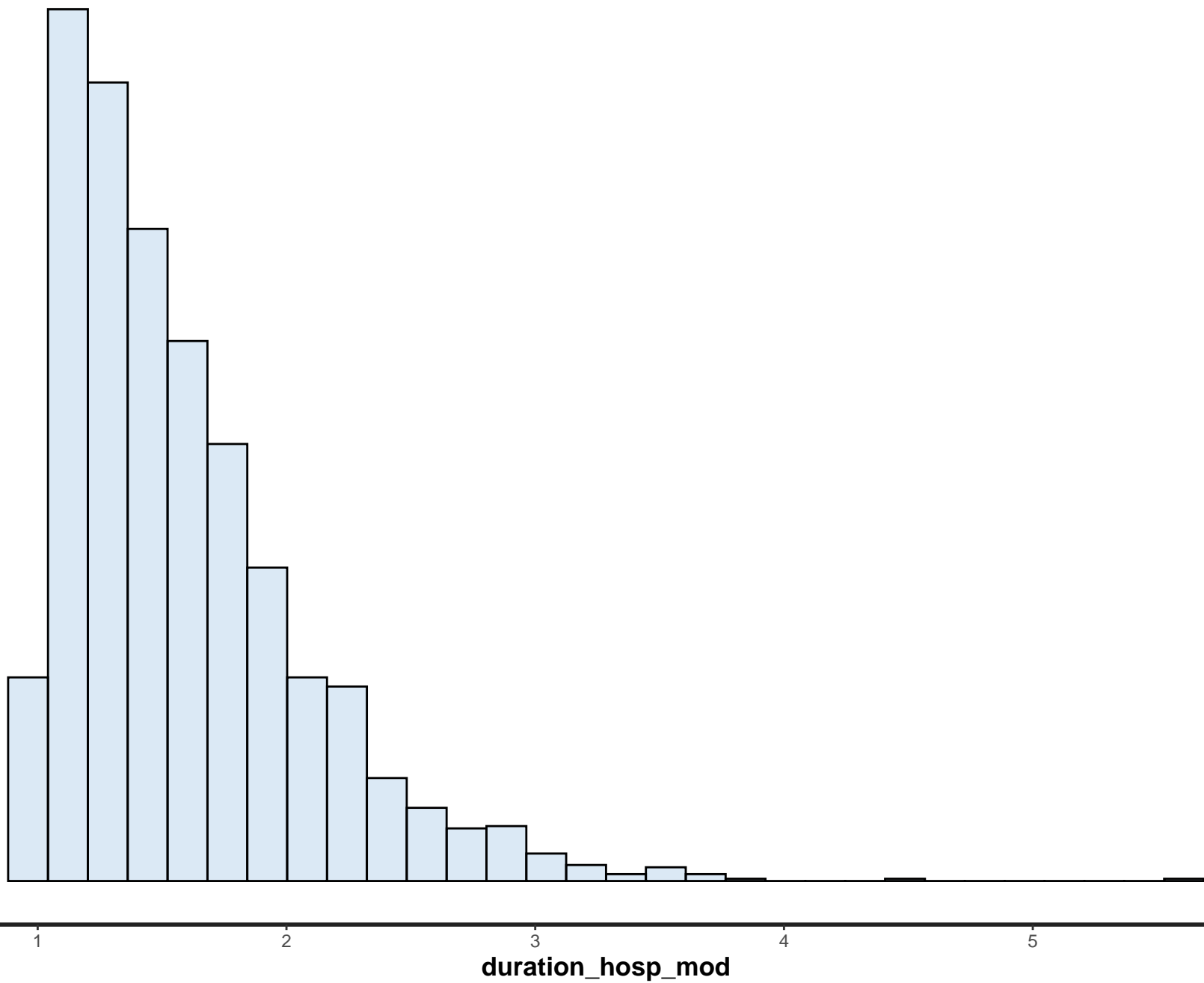


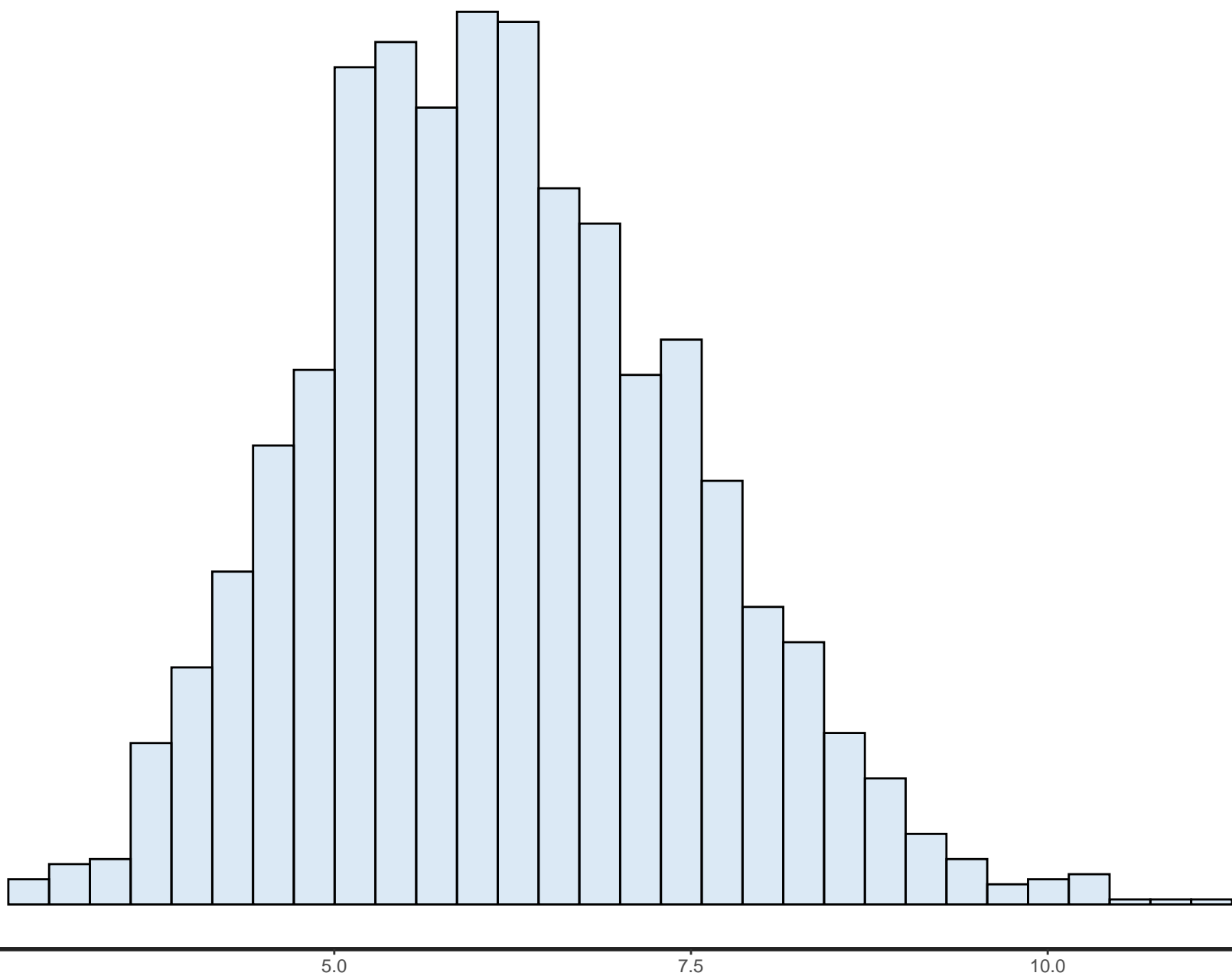


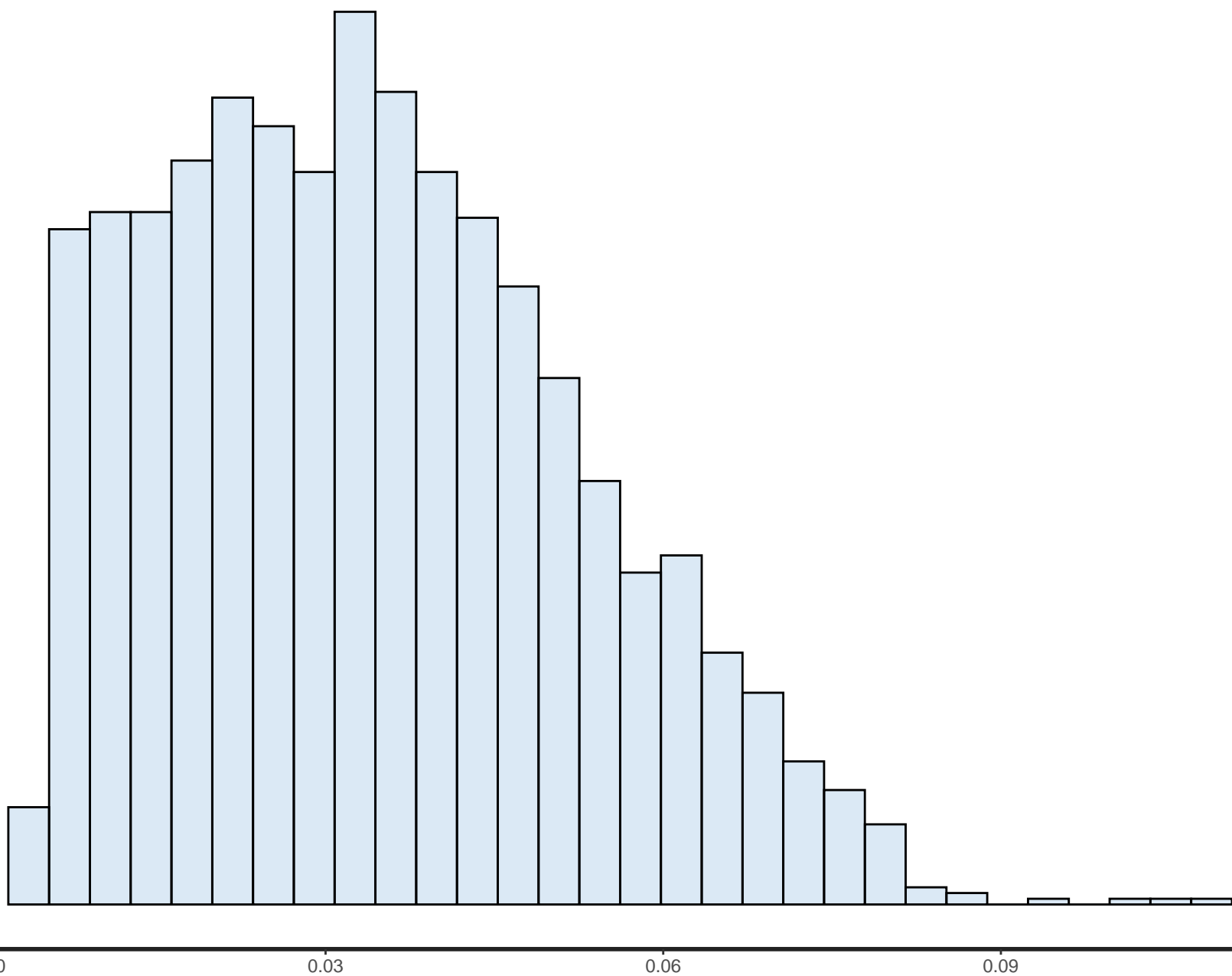


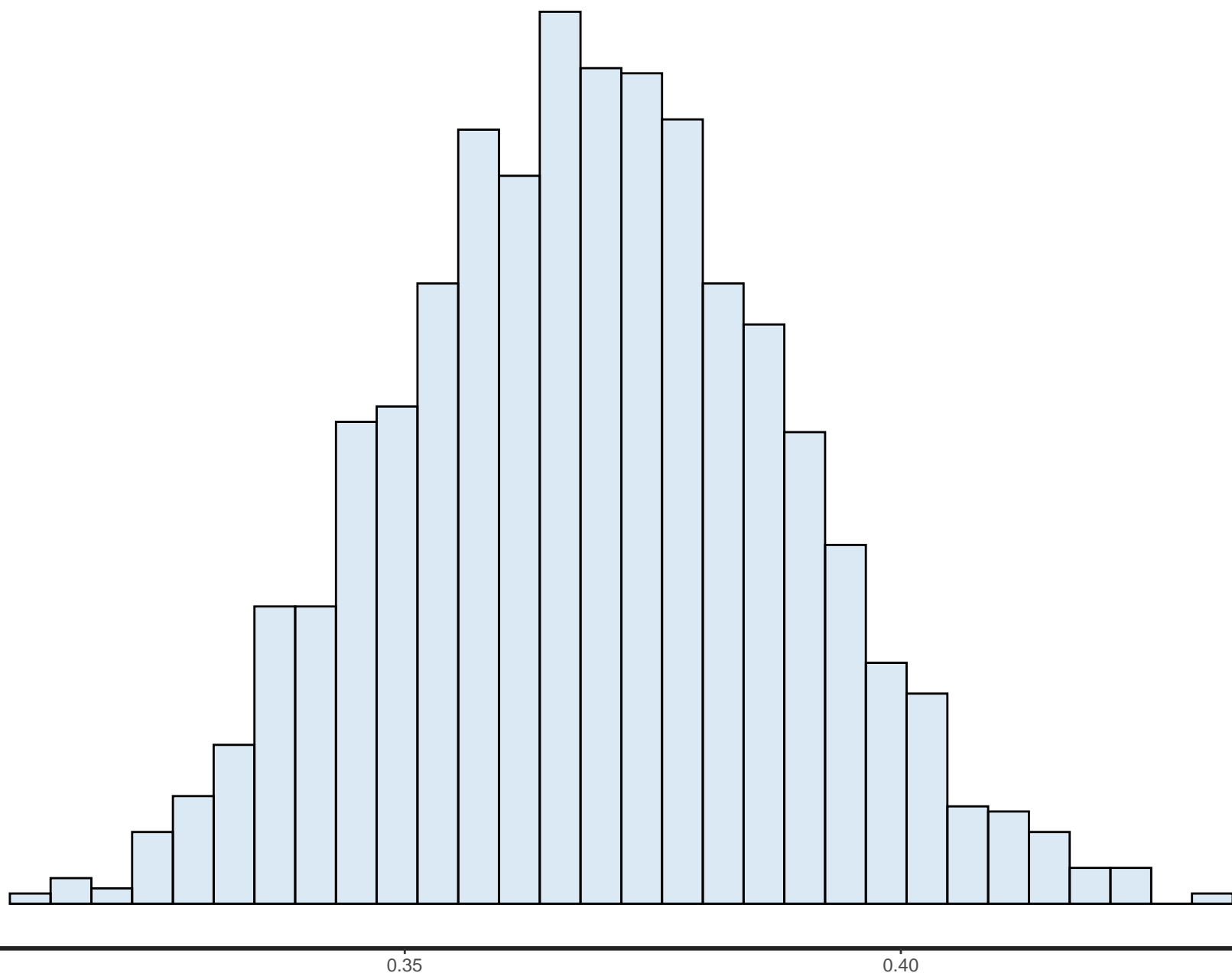


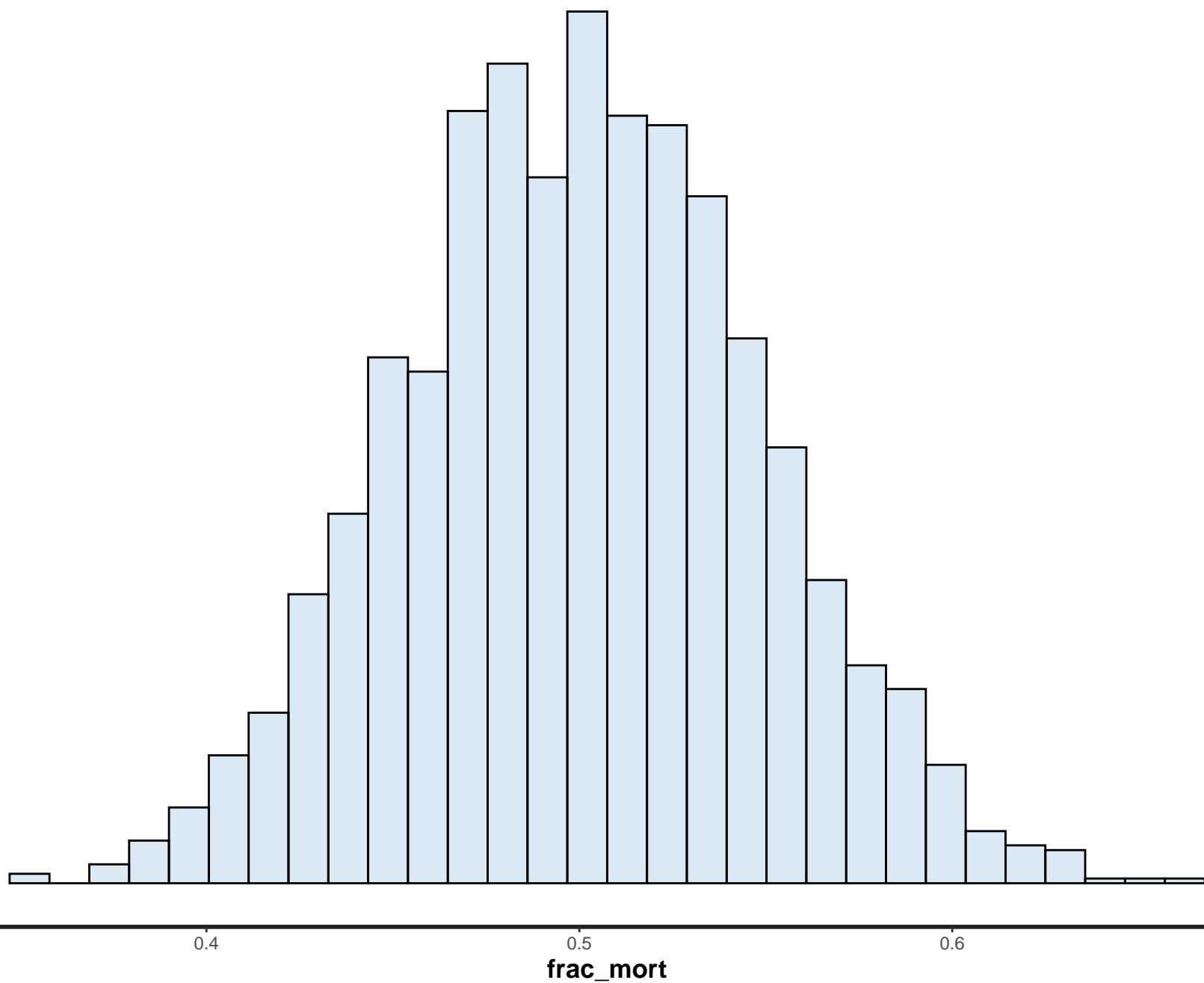
duration_pre_hosp

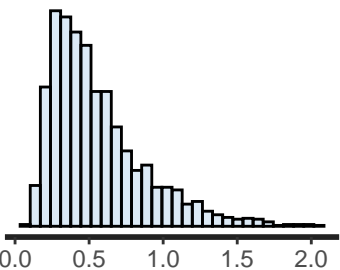
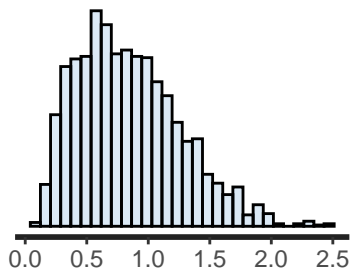
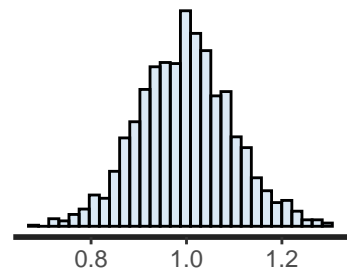
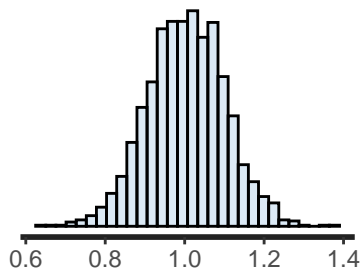
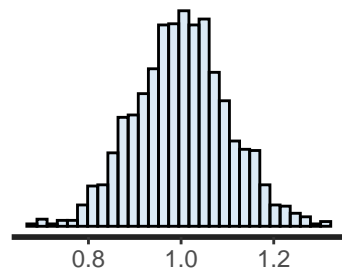
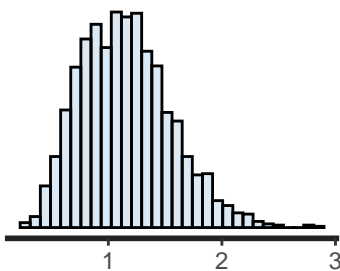
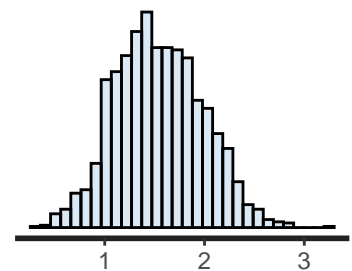
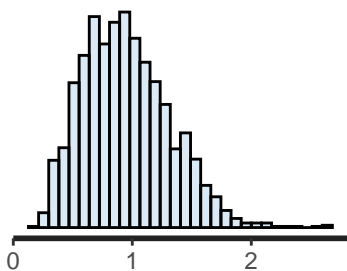
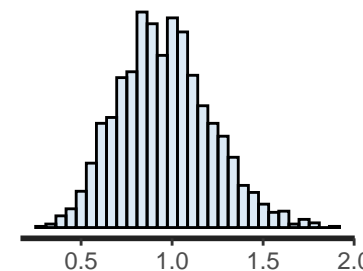
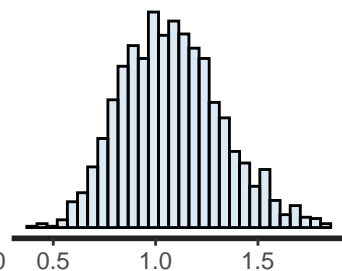
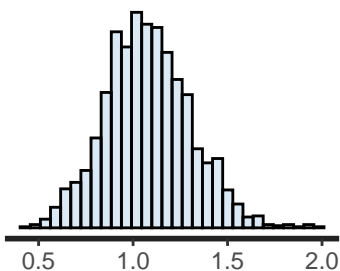
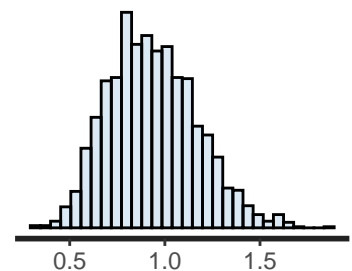
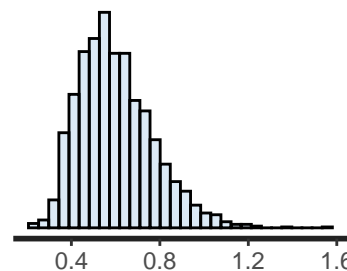
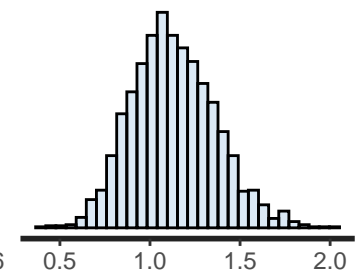
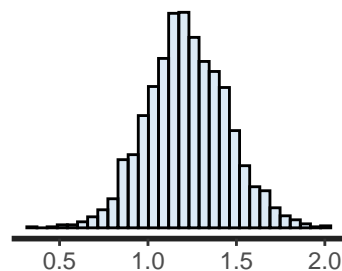
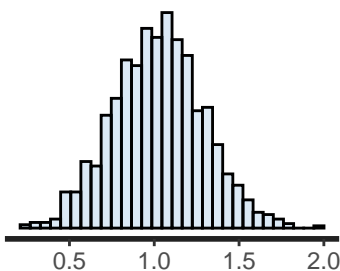
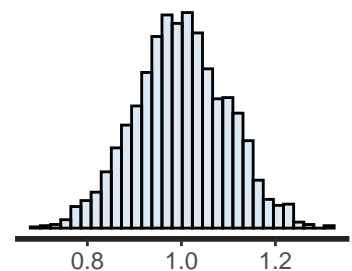


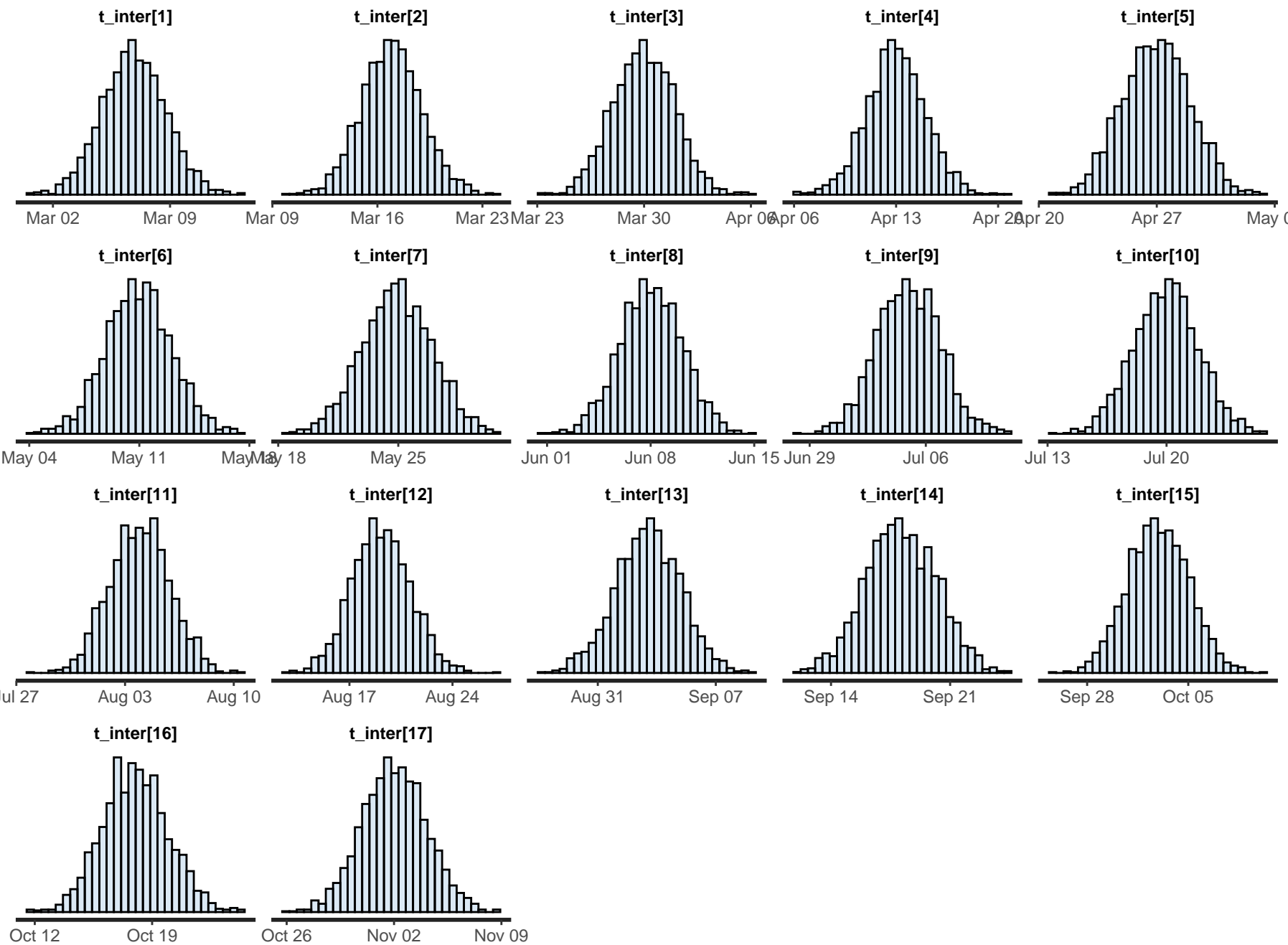




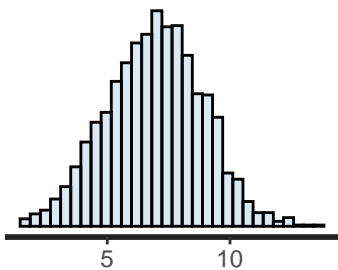




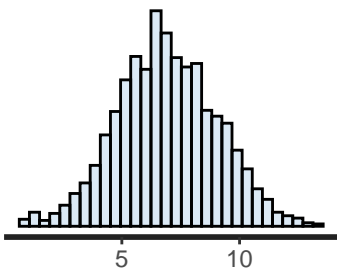
beta_multiplier[1]**beta_multiplier[2]****beta_multiplier[3]****beta_multiplier[4]****beta_multiplier[5]****beta_multiplier[6]****beta_multiplier[7]****beta_multiplier[8]****beta_multiplier[9]****beta_multiplier[10]****beta_multiplier[11]****beta_multiplier[12]****beta_multiplier[13]****beta_multiplier[14]****beta_multiplier[15]****beta_multiplier[16]****beta_mu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



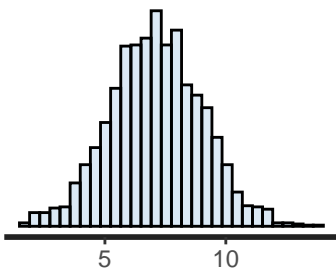
len_inter[1]



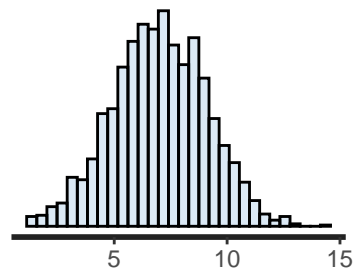
len_inter[2]



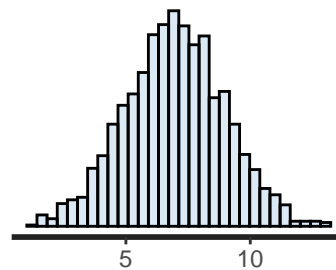
len_inter[3]



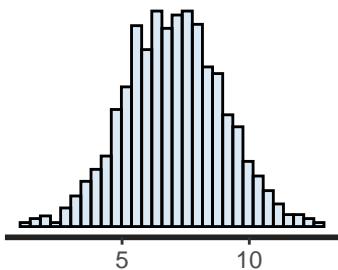
len_inter[4]



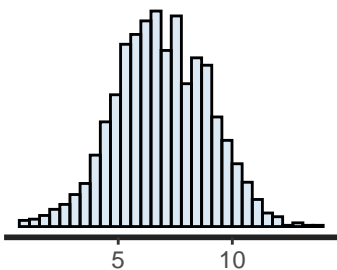
len_inter[5]



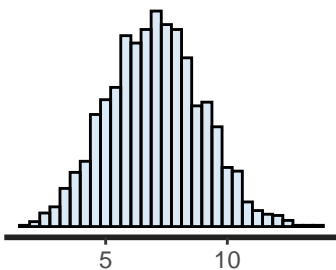
len_inter[6]



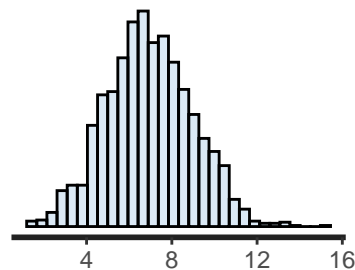
len_inter[7]



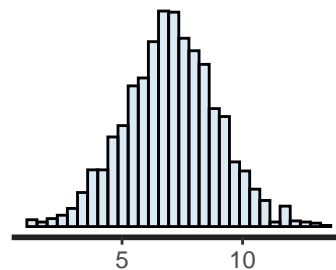
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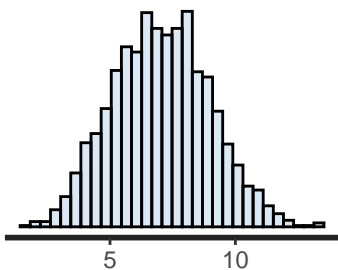
len_inter[9]



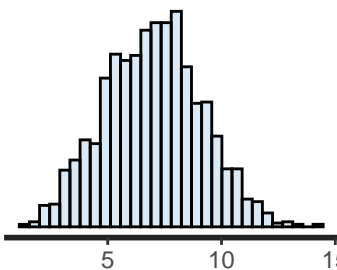
len_inter[10]



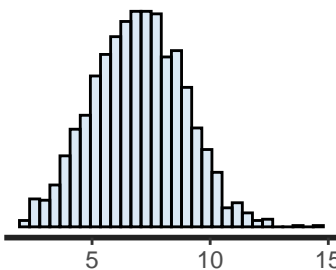
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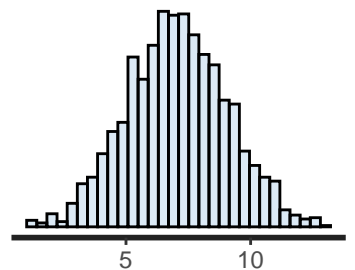
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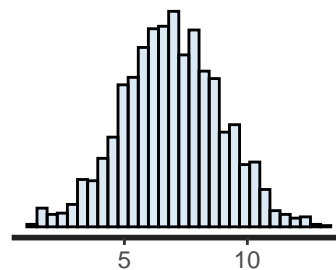
len_inter[13]



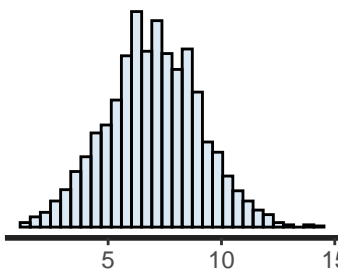
len_inter[14]



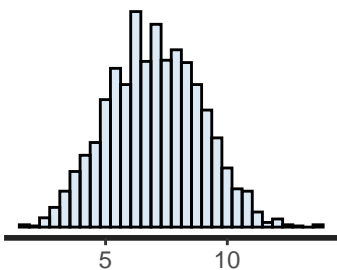
len_inter[15]



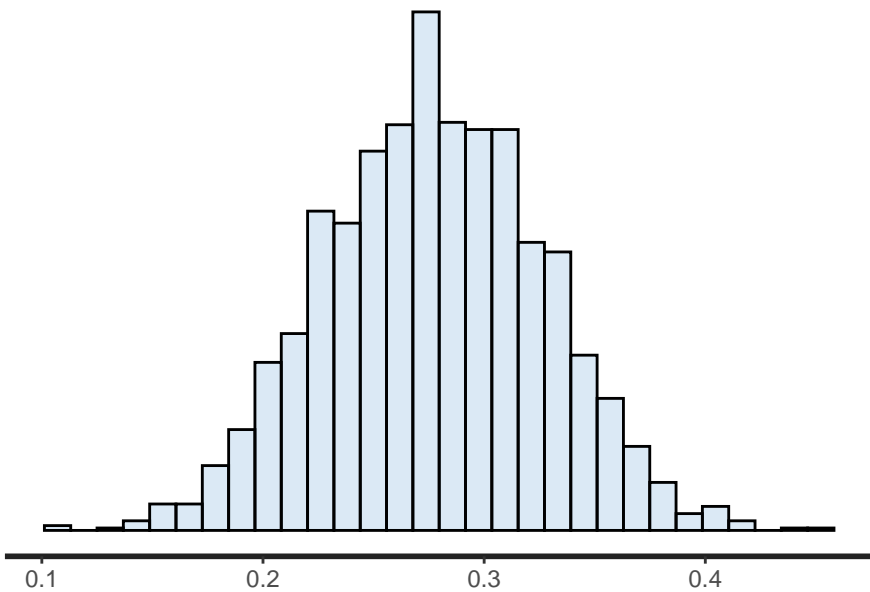
len_inter[16]



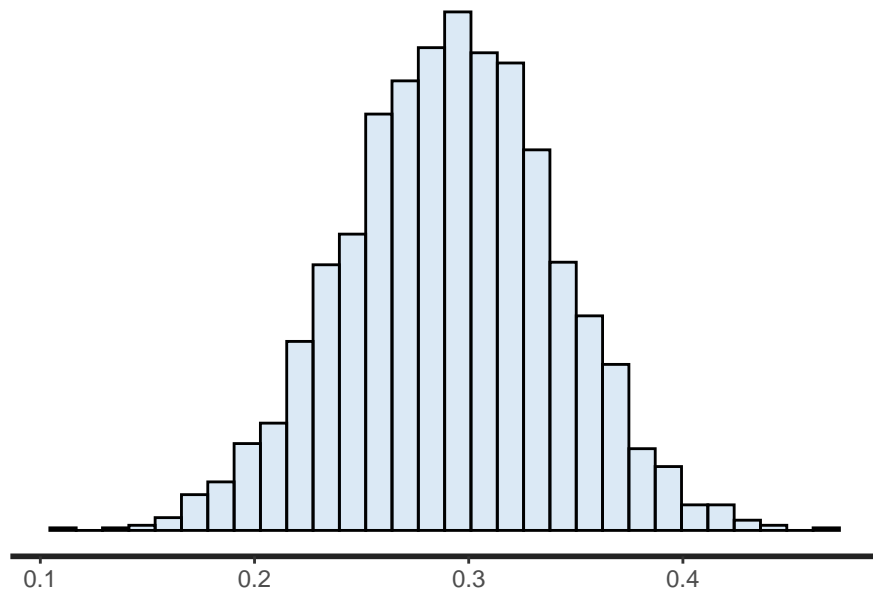
len_inter[17]



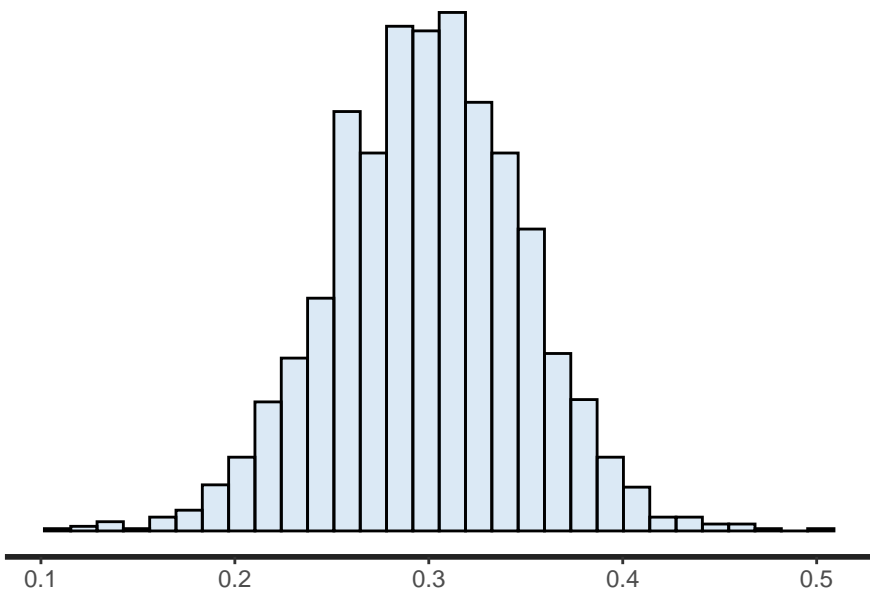
frac_PUI[1]



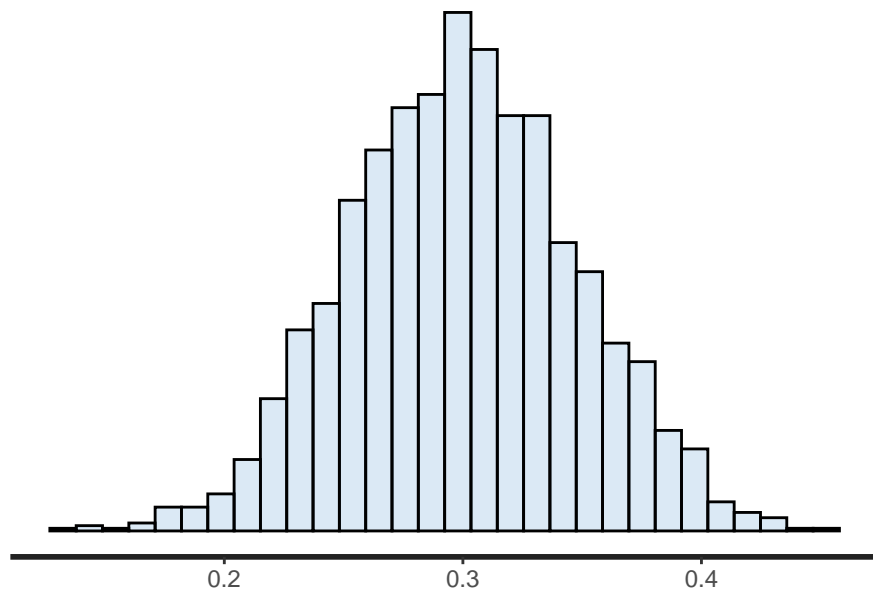
frac_PUI[2]

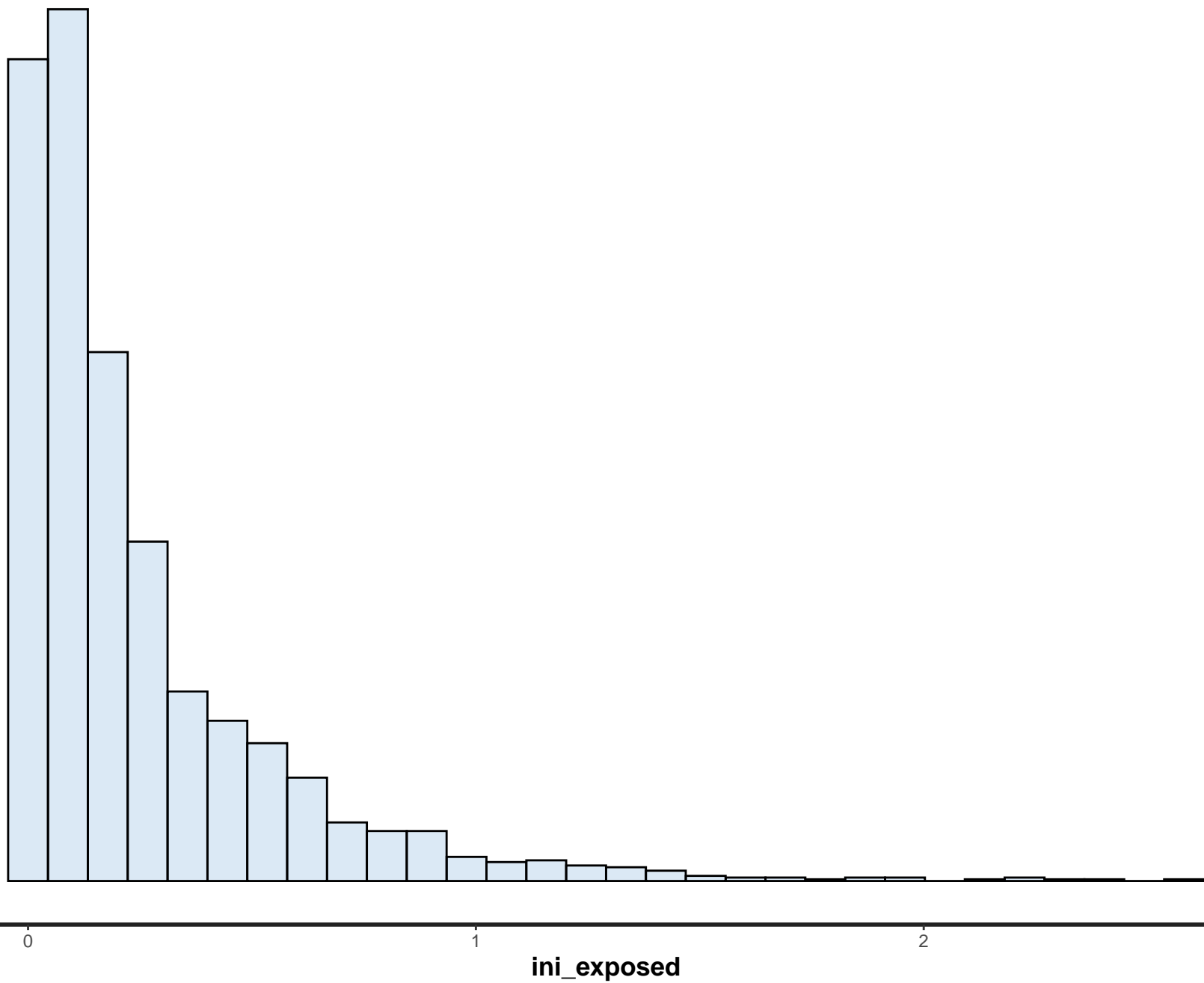


frac_PUI[3]

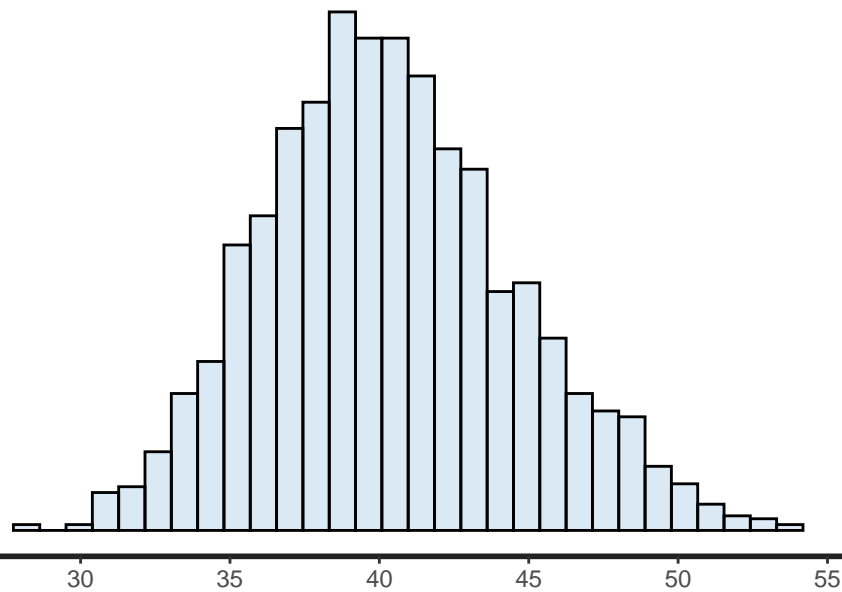


frac_PUI[4]

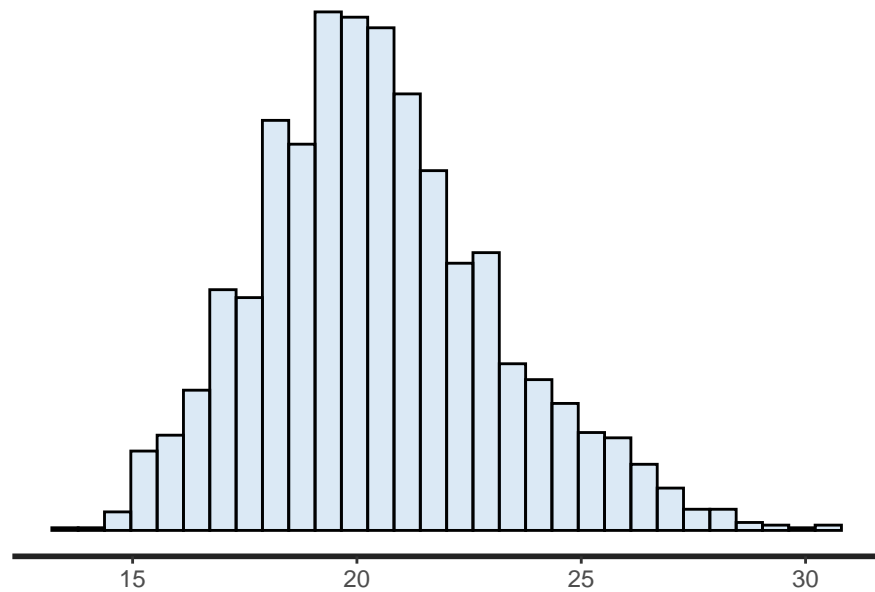




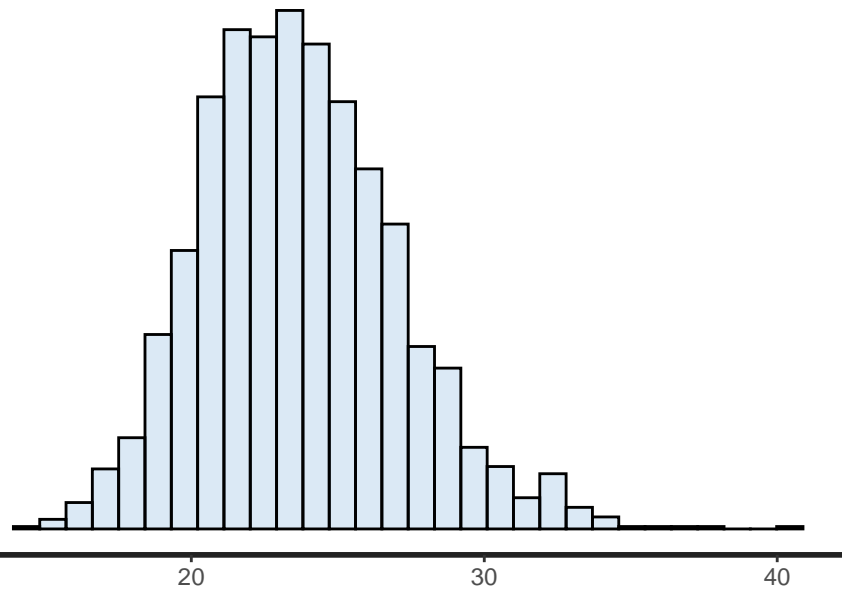
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

