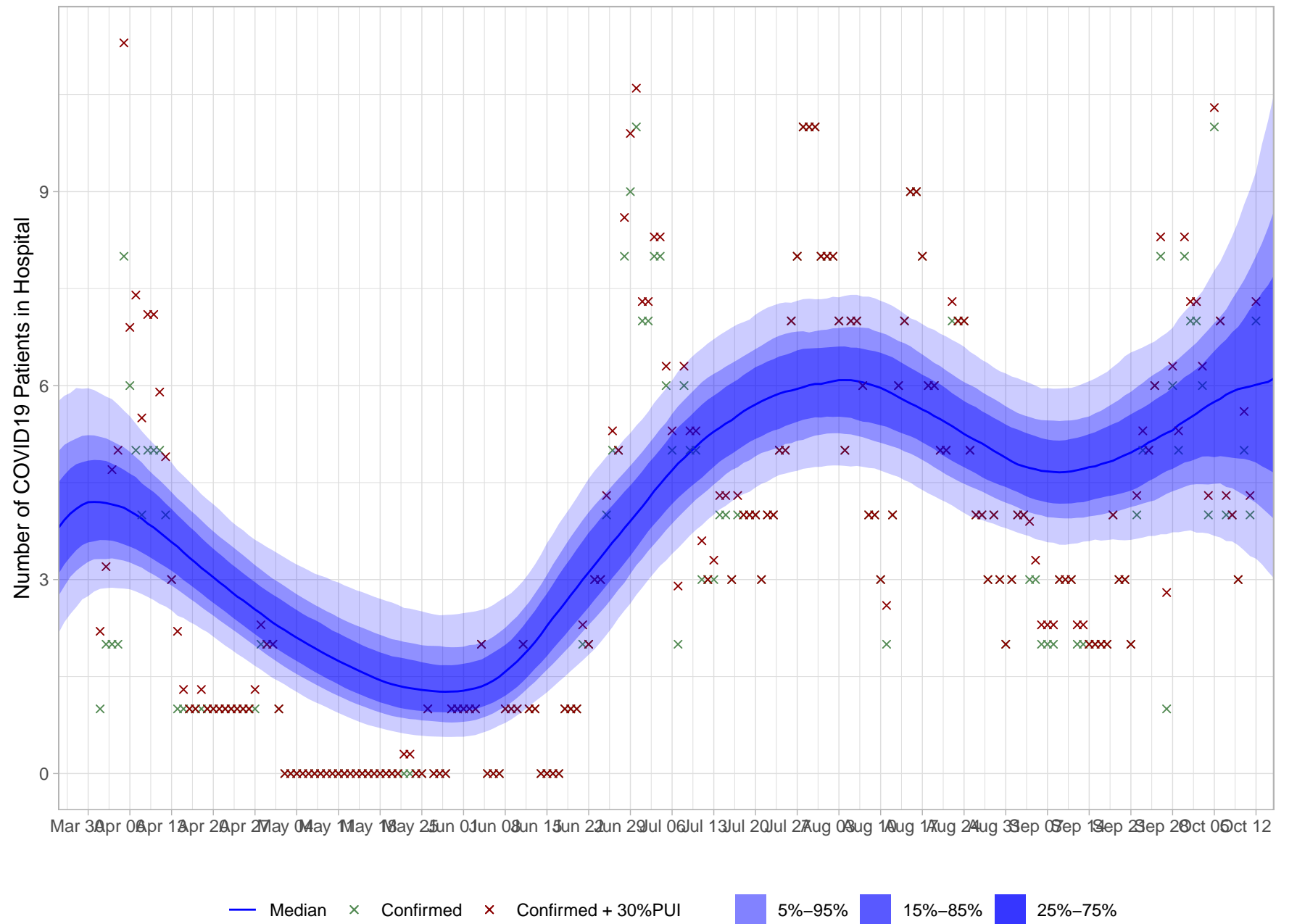
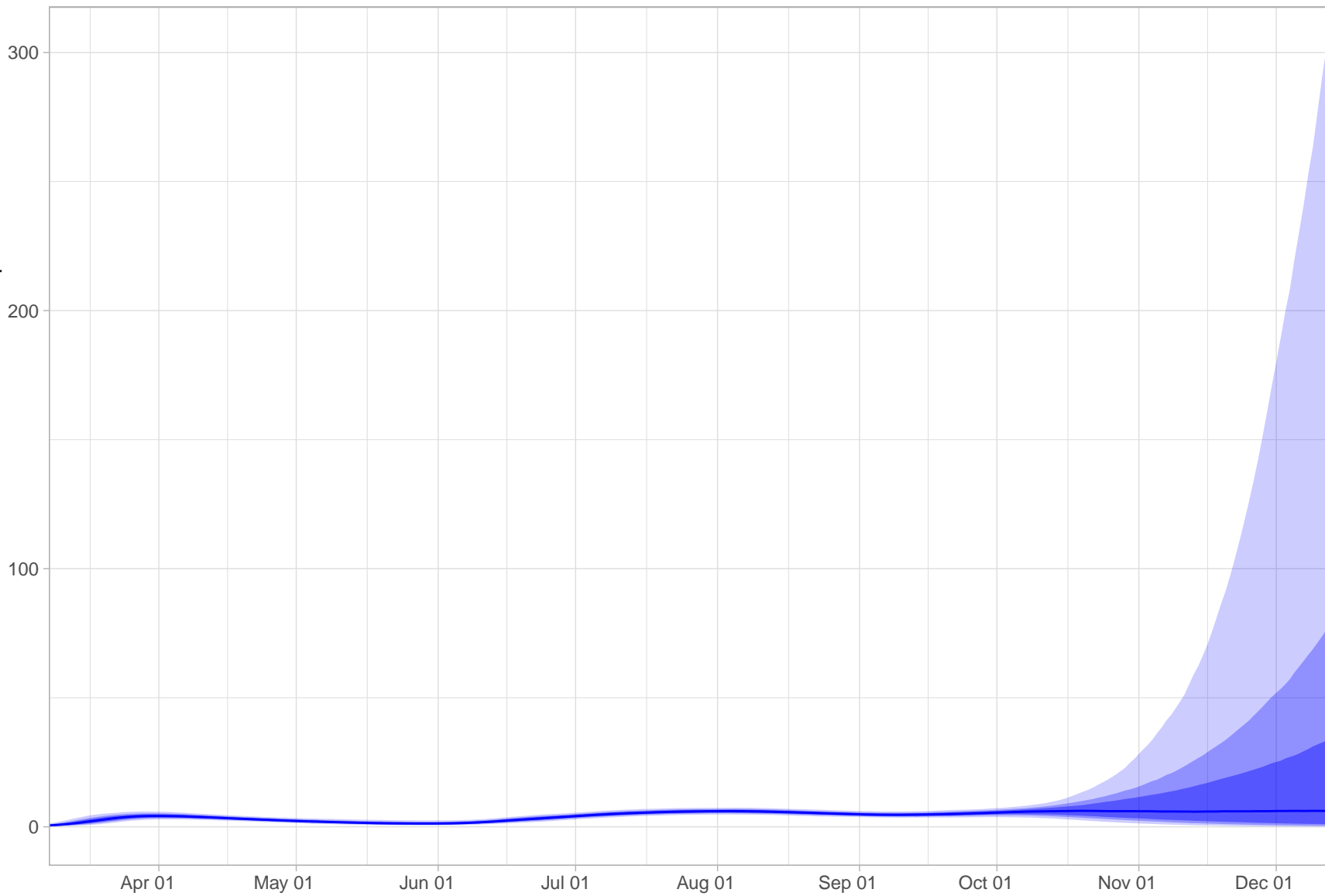


Short Term Hospitalization Projection



Long Term Hospitalization Projection

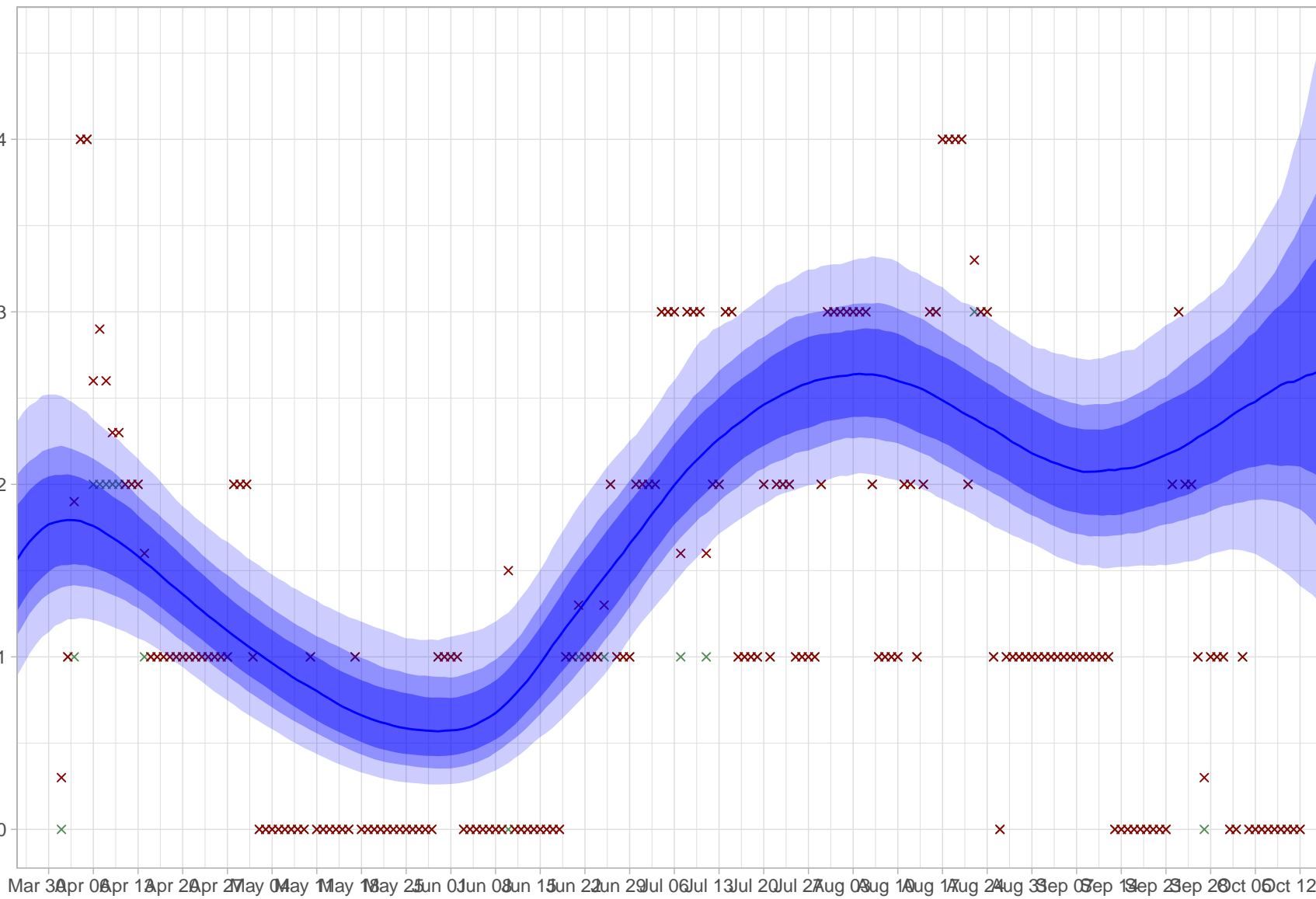
Number of COVID19 Patients in Hospital



— Median 5%-95% 15%-85% 25%-75%

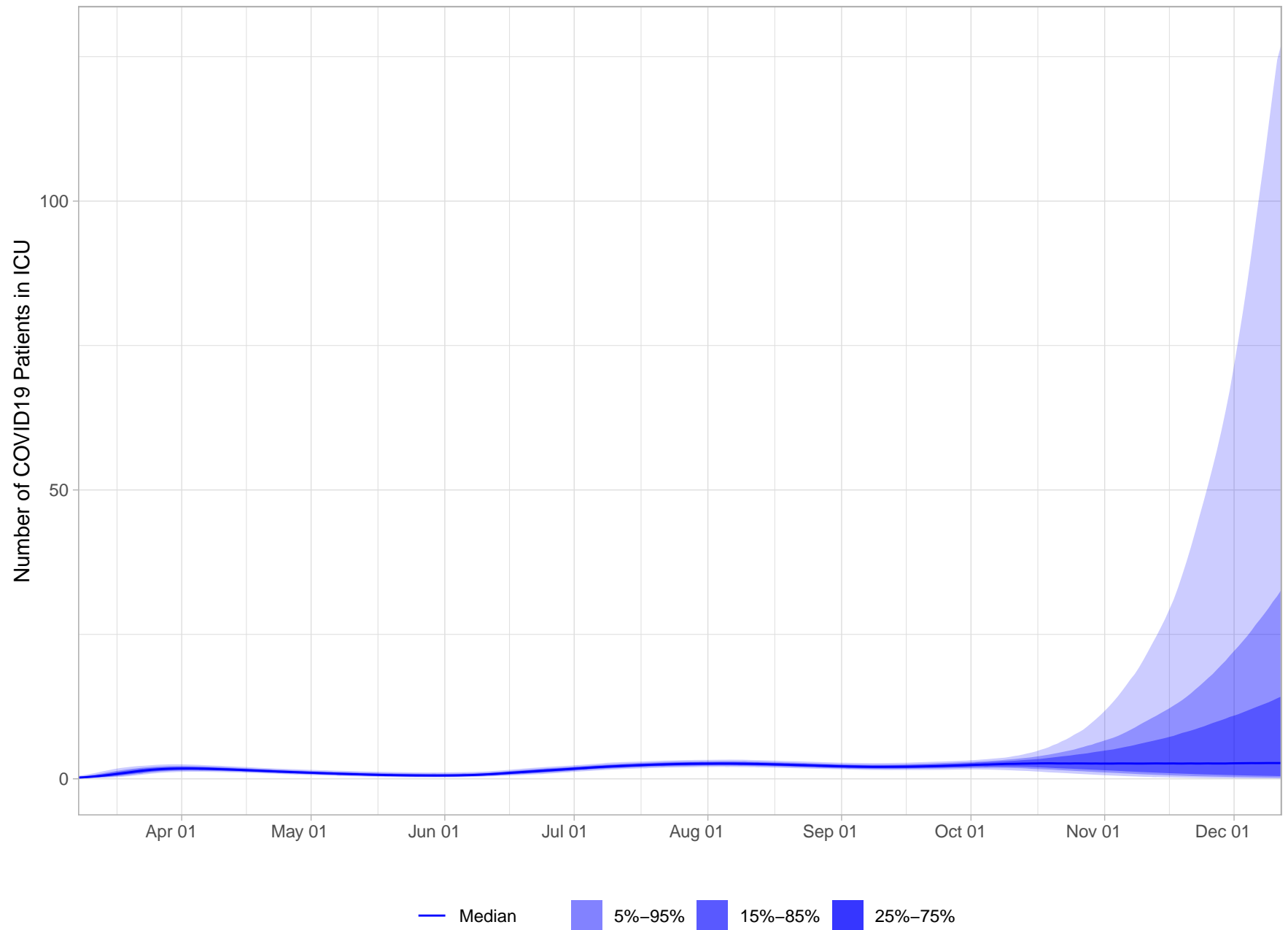
Short Term ICU Projection

Number of COVID19 Patients in ICU



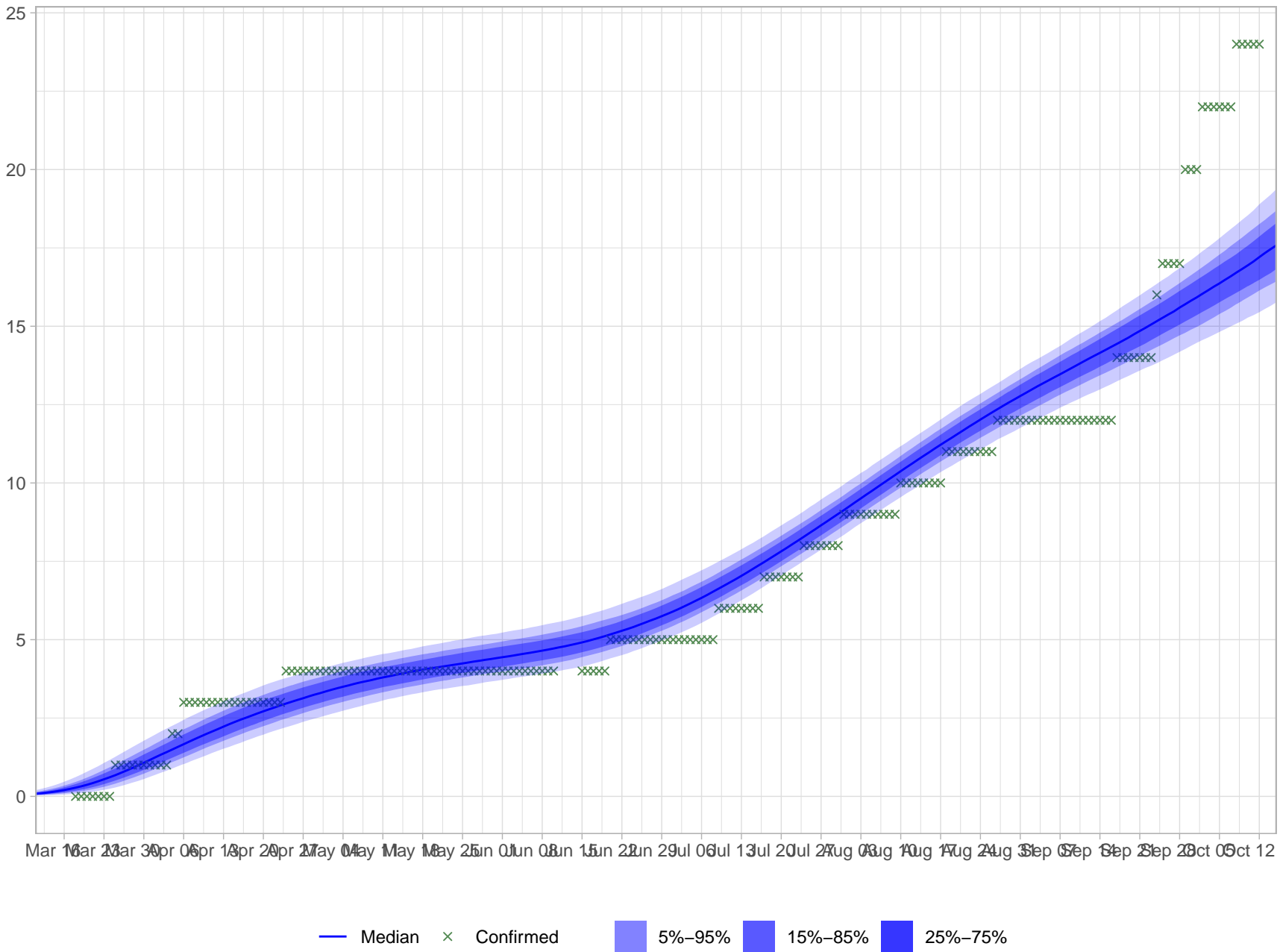
— Median
 x Confirmed
 x Confirmed + 30%PUI
 5%–95%
 15%–85%
 25%–75%

Long Term ICU Projection



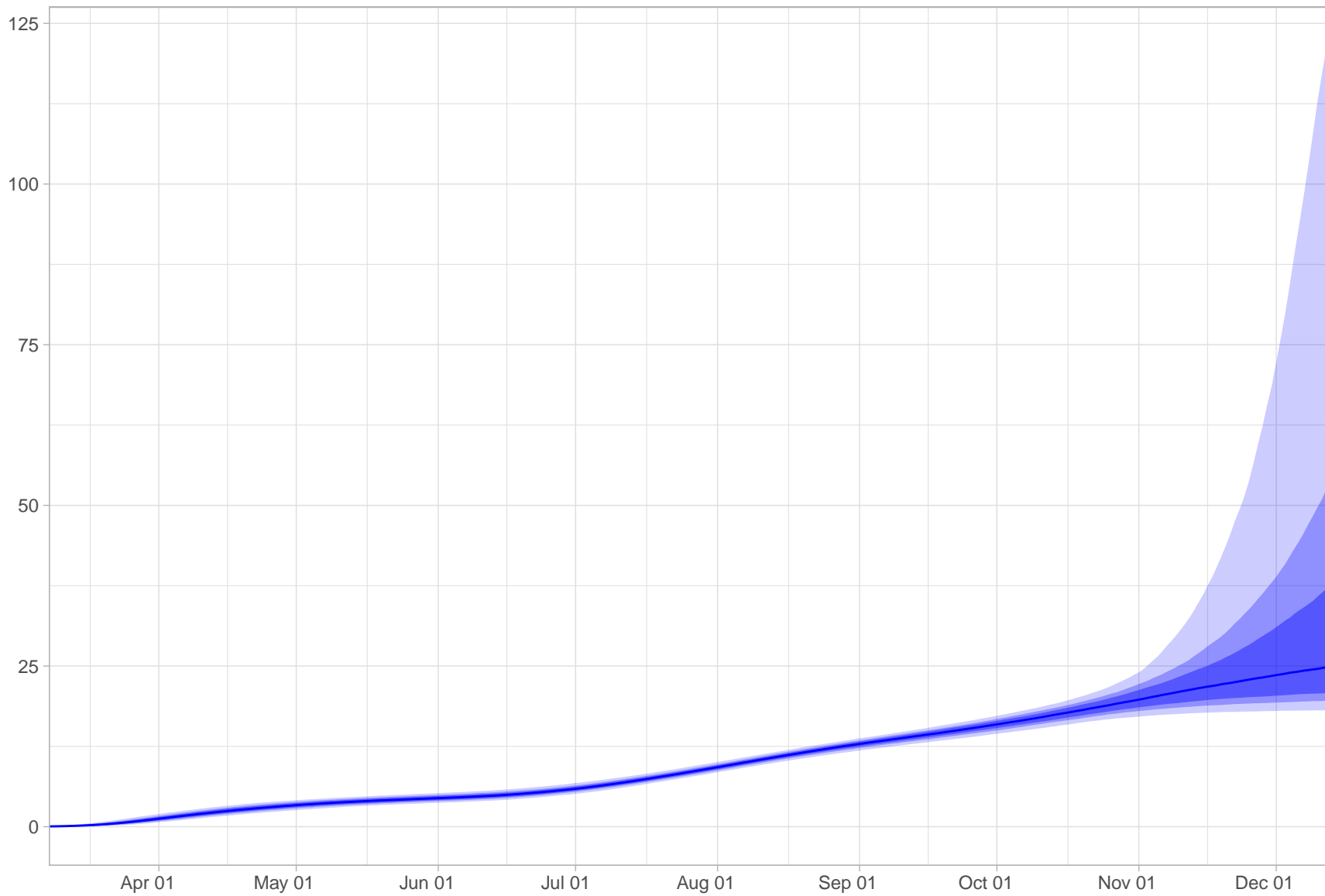
Short Term Death Projection

Number of COVID19 Deaths



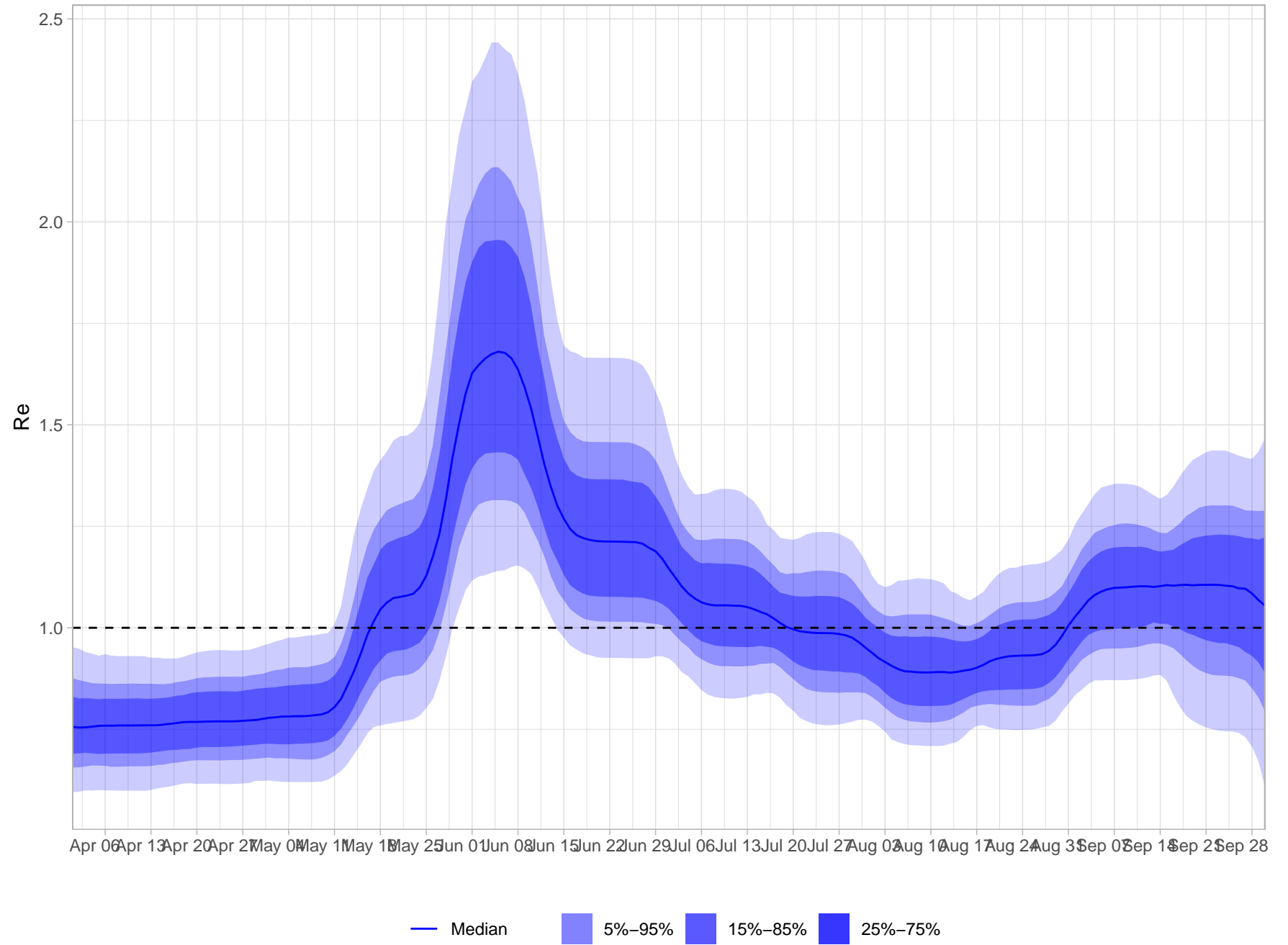
Long Term Death Projection

Number of COVID19 Deaths



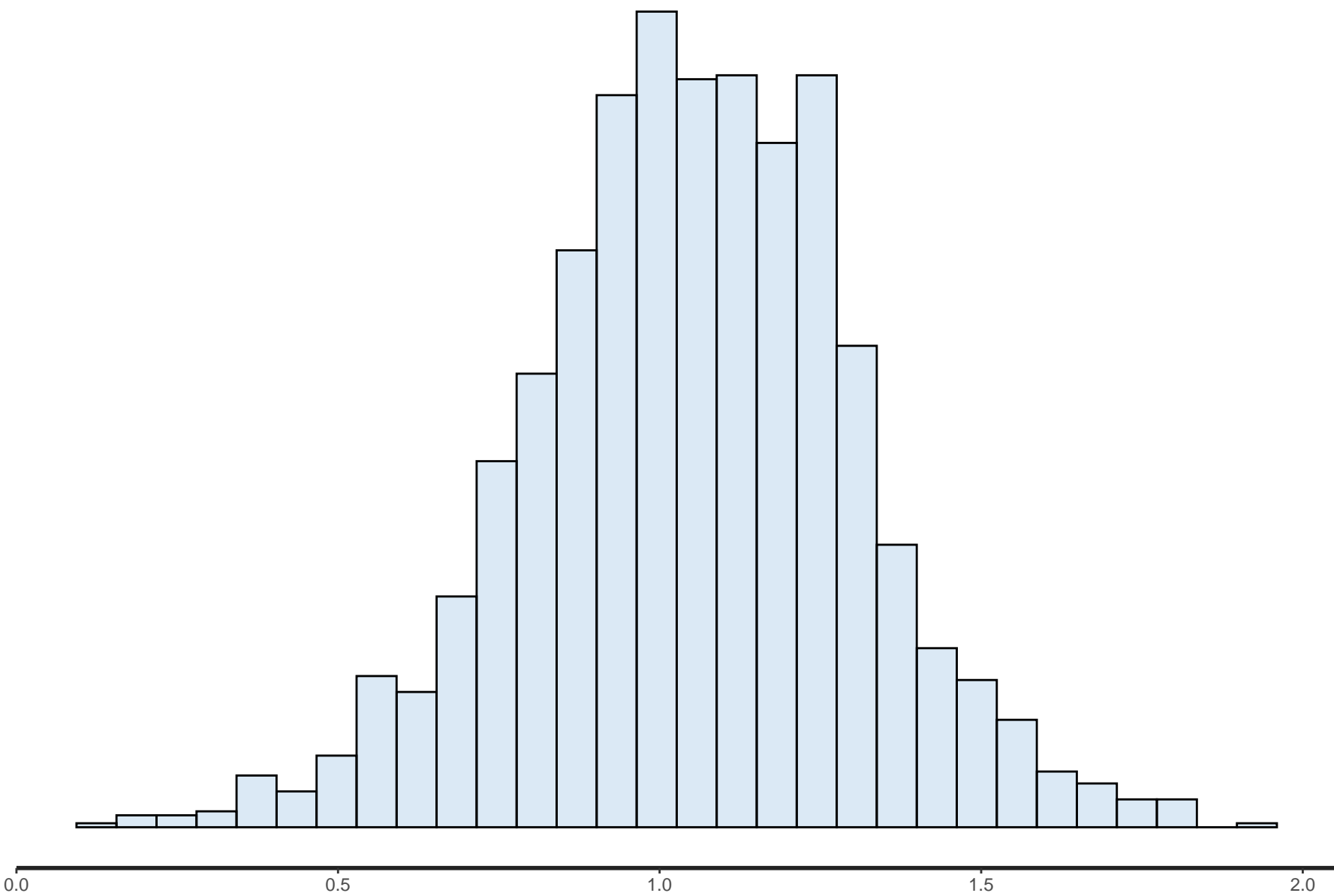
— Median 5%-95% 15%-85% 25%-75%

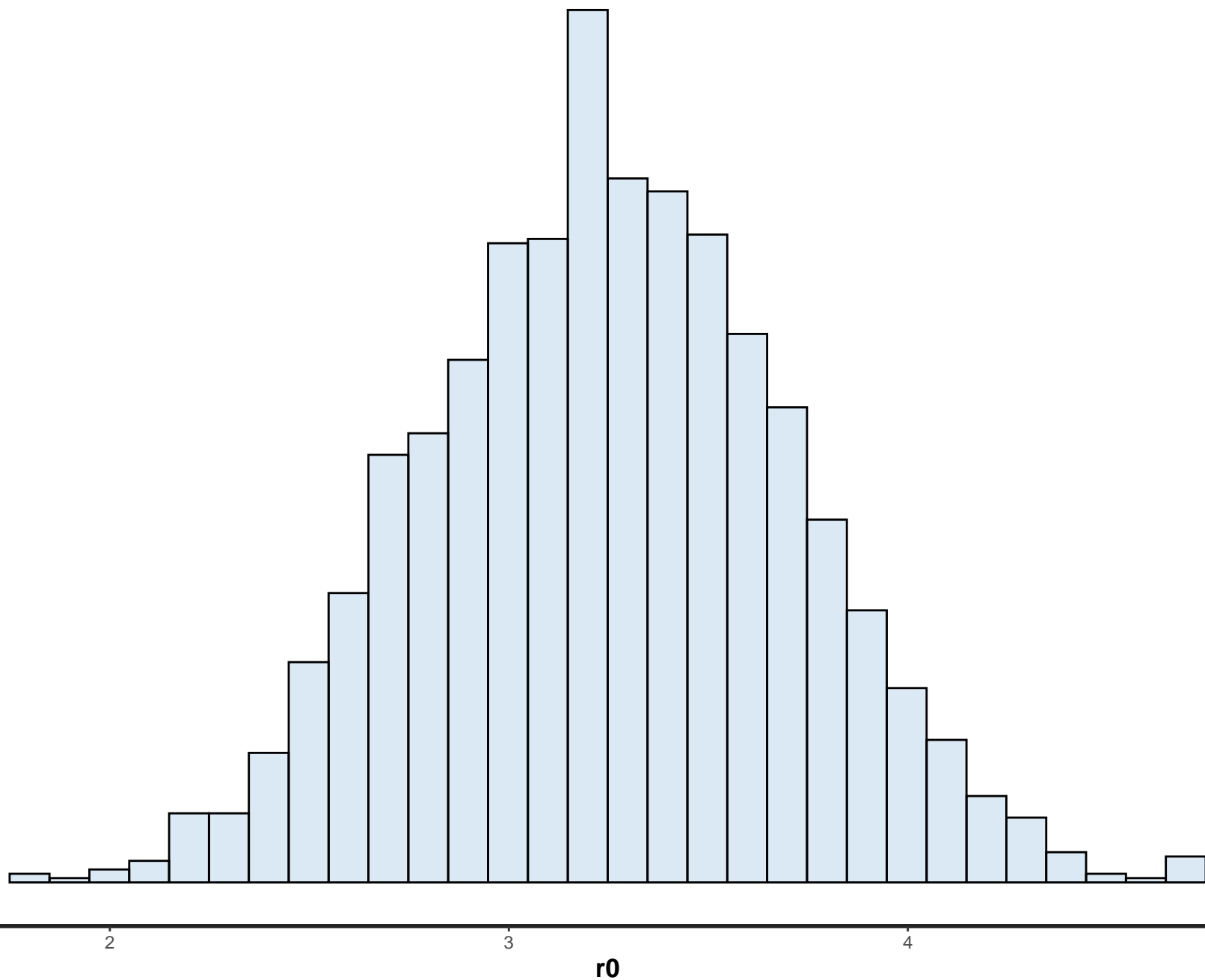
Effective Reproduction Number

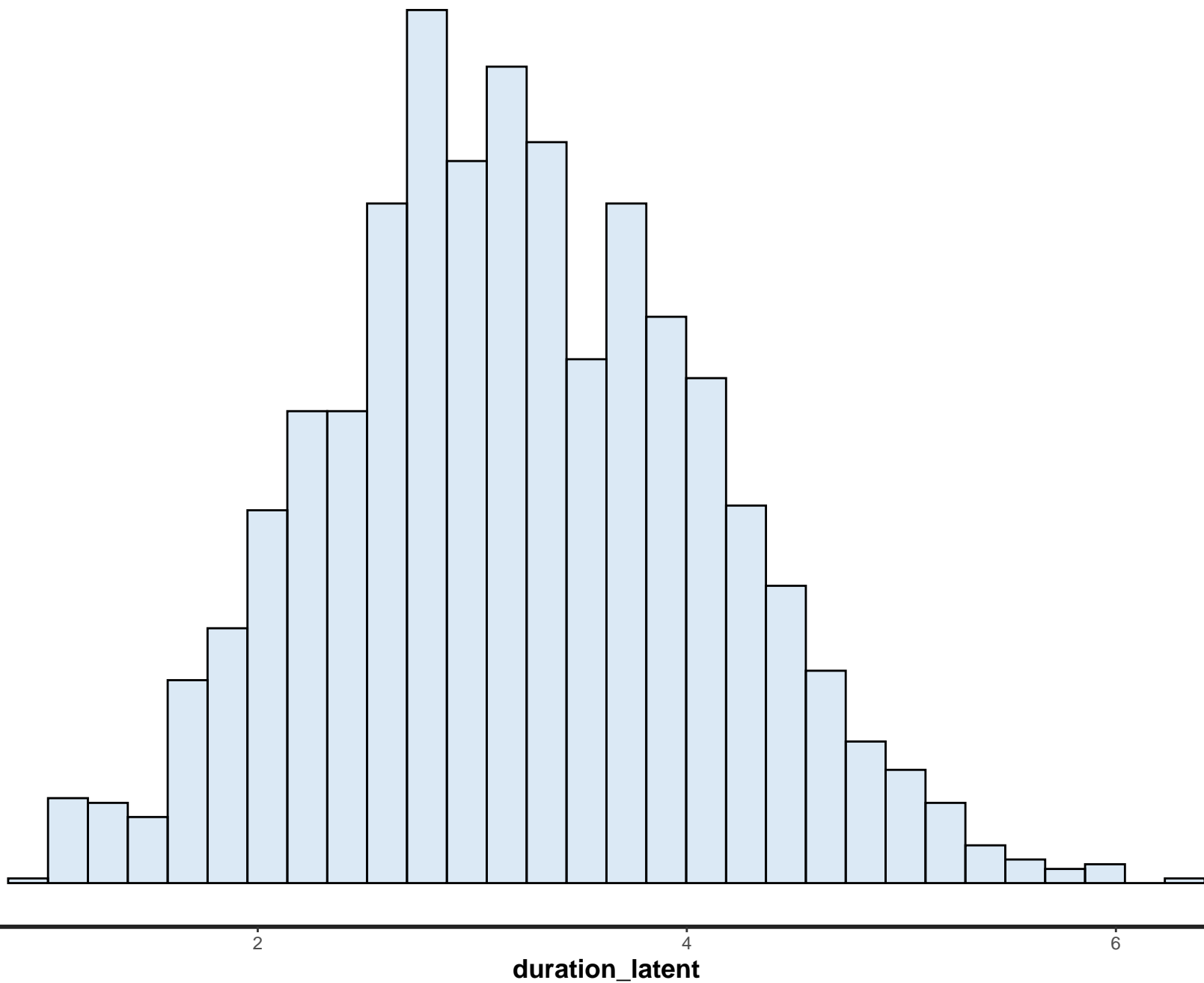


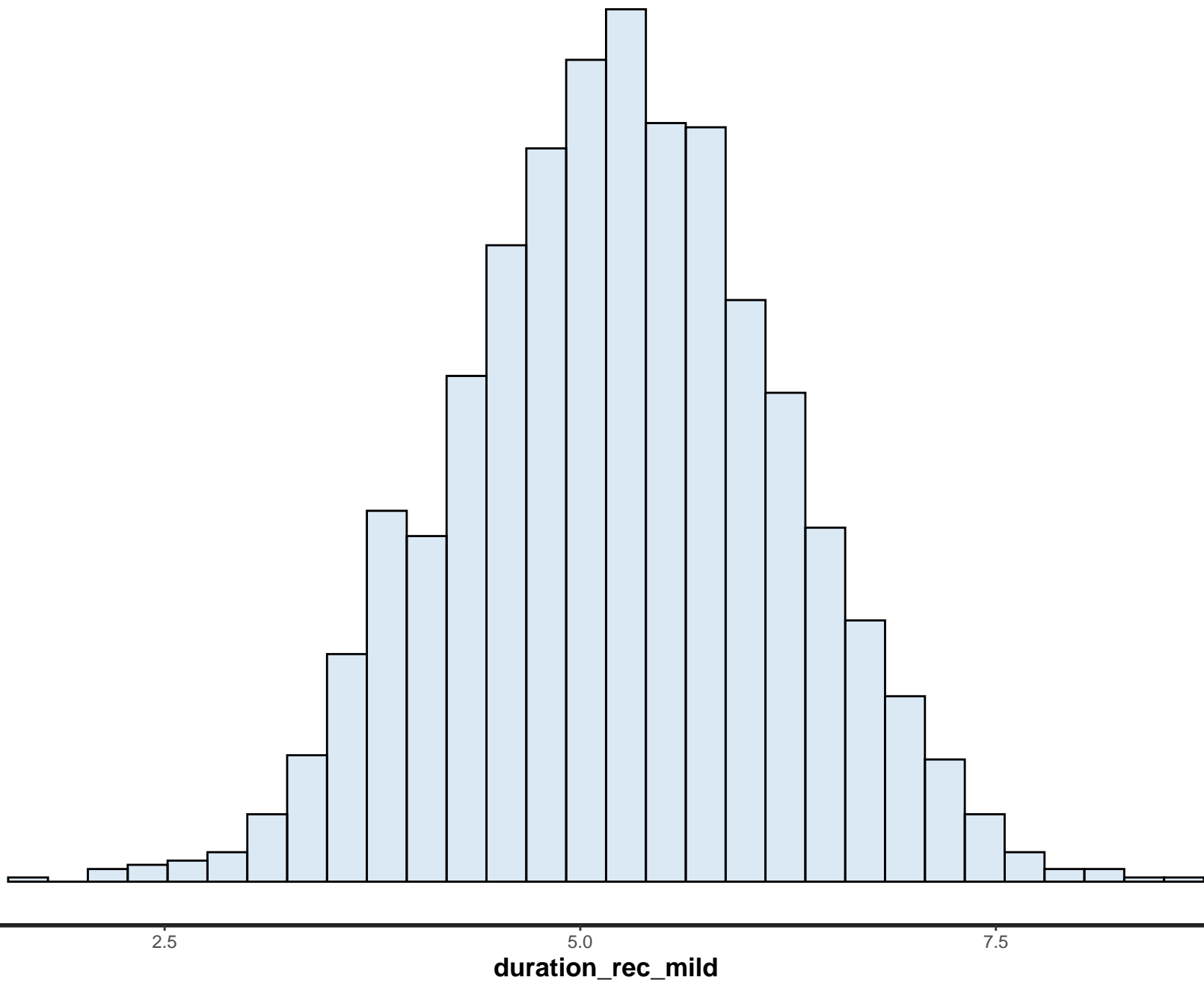
Rt as of 2020-09-30

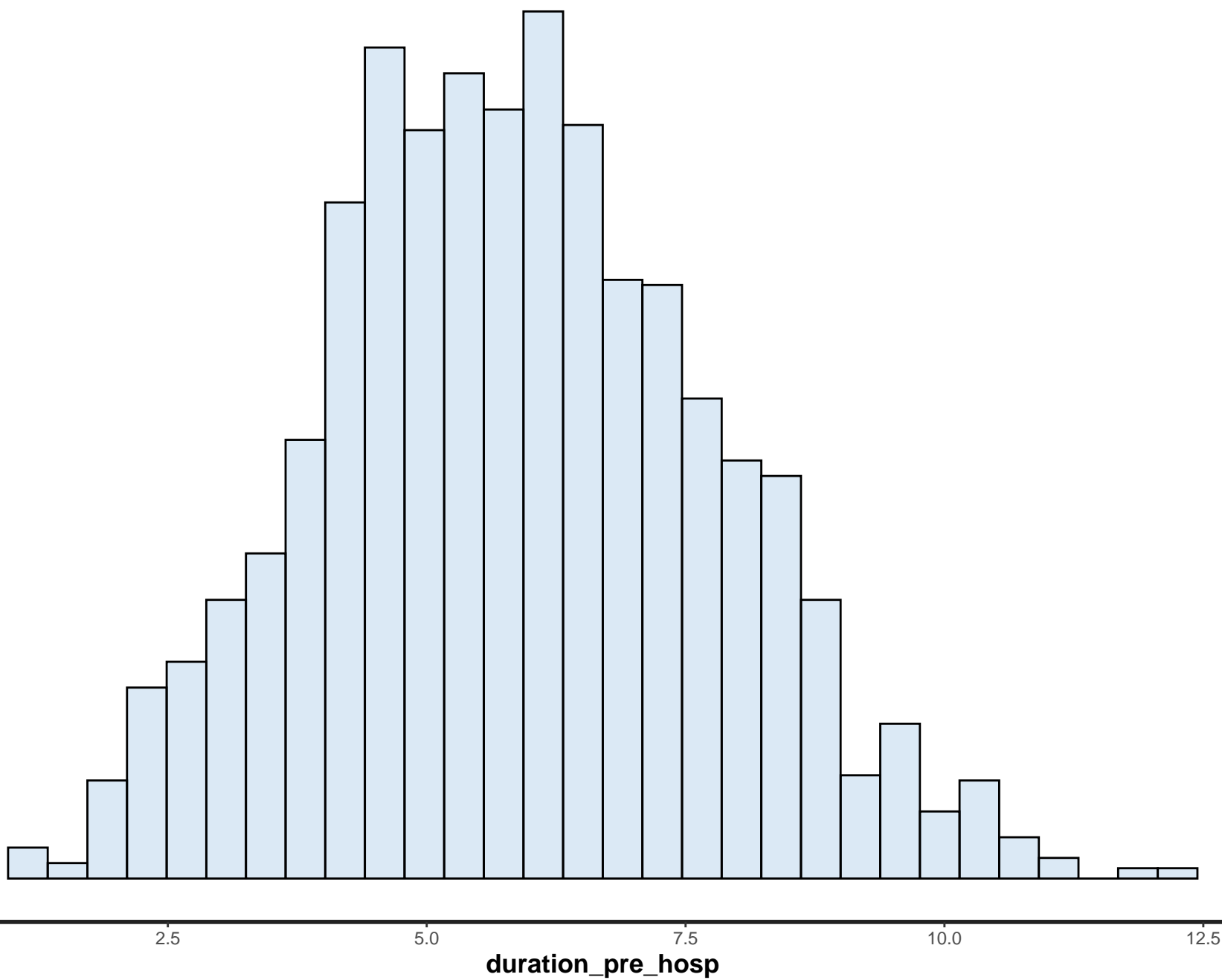
5%	10%	25%	50%	75%	90%	95%
0.61	0.74	0.89	1.05	1.22	1.36	1.47

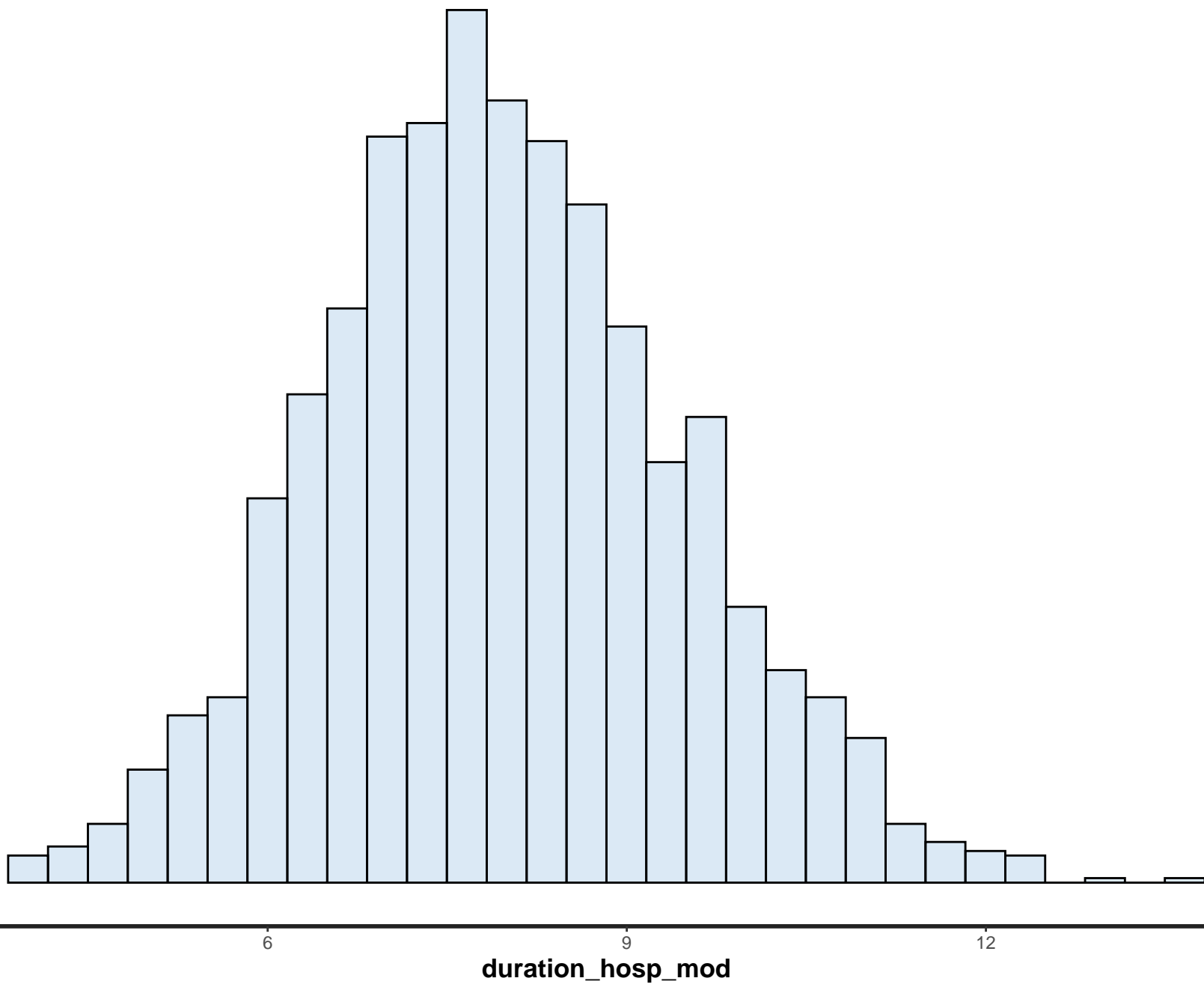


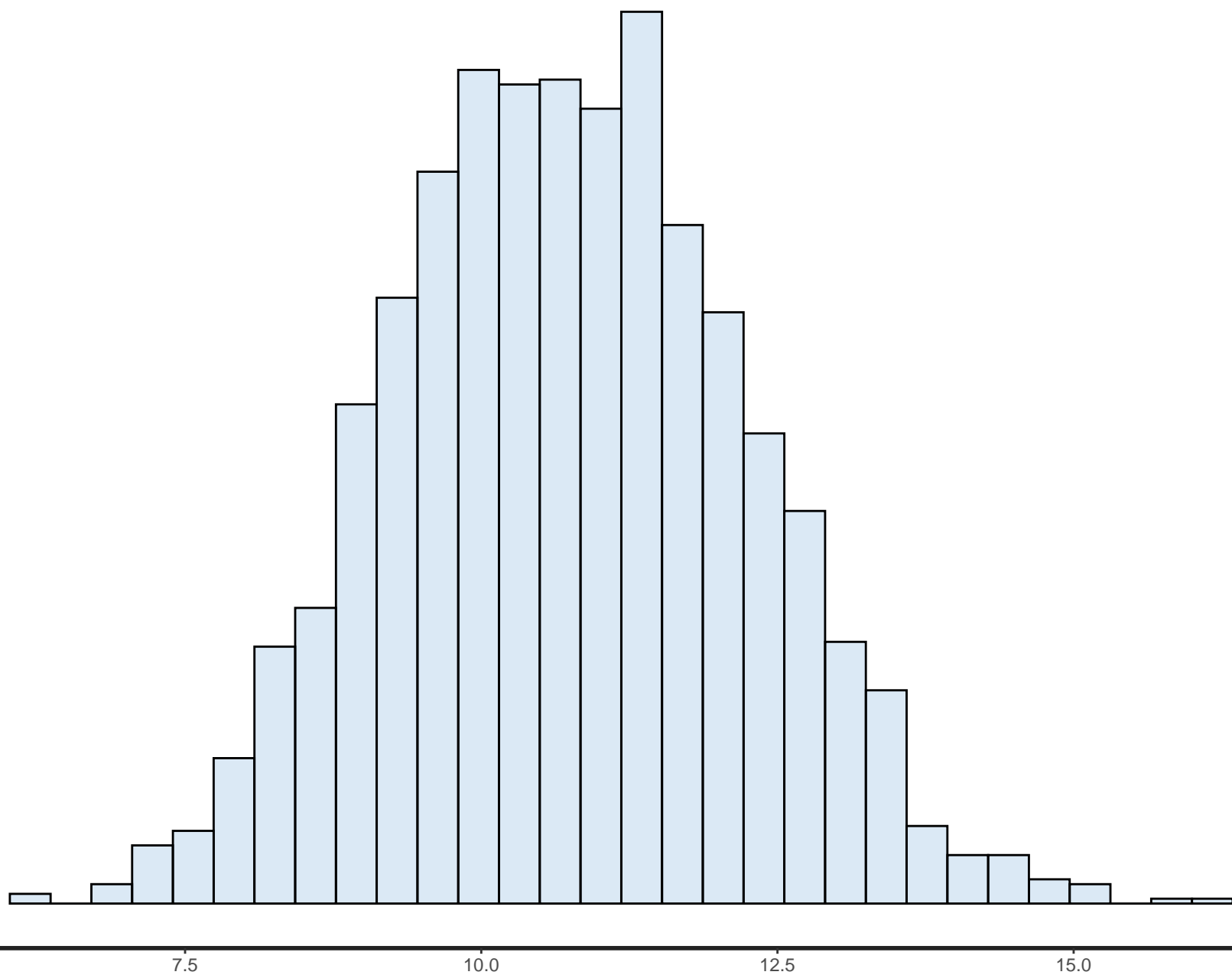


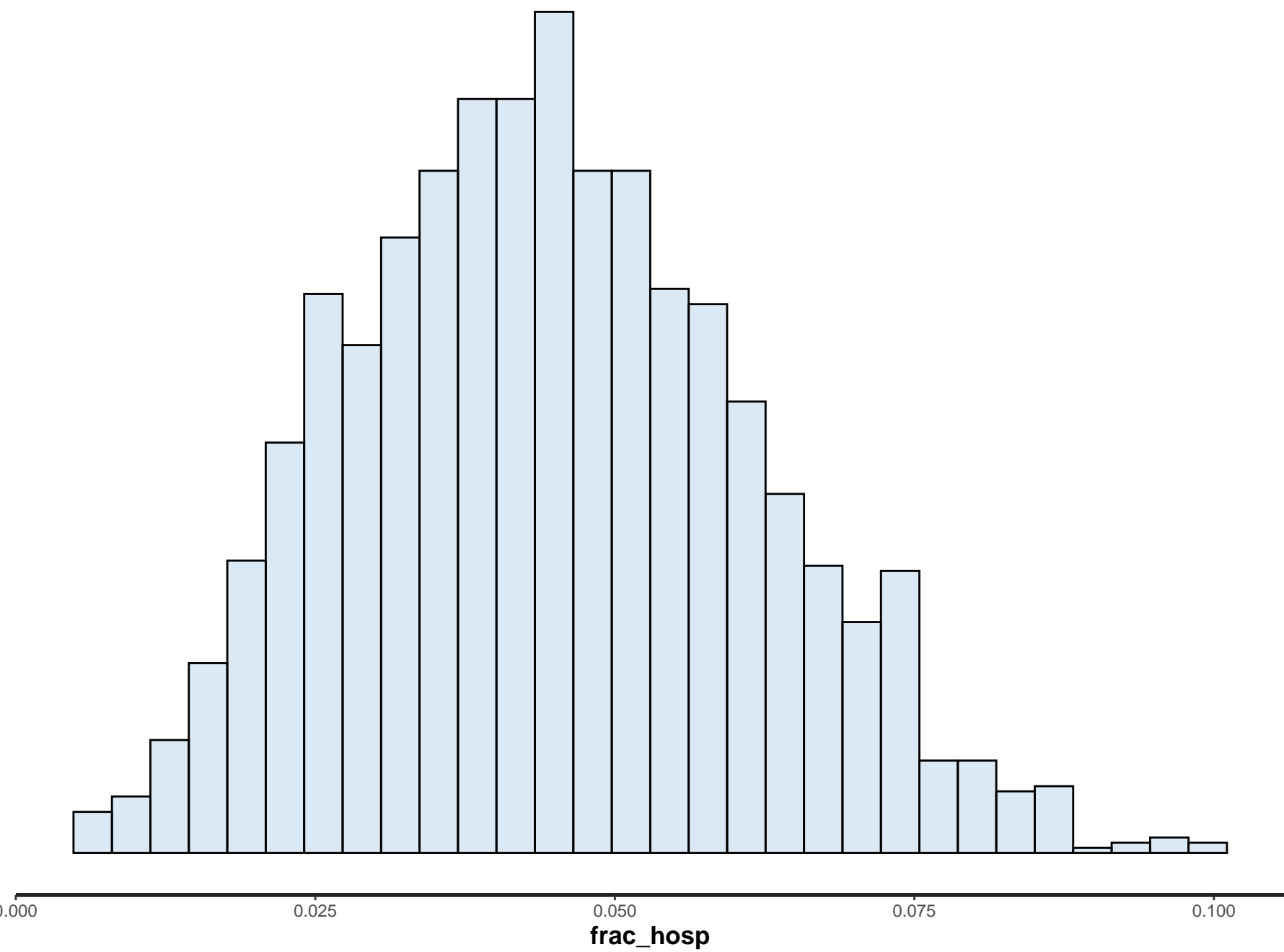


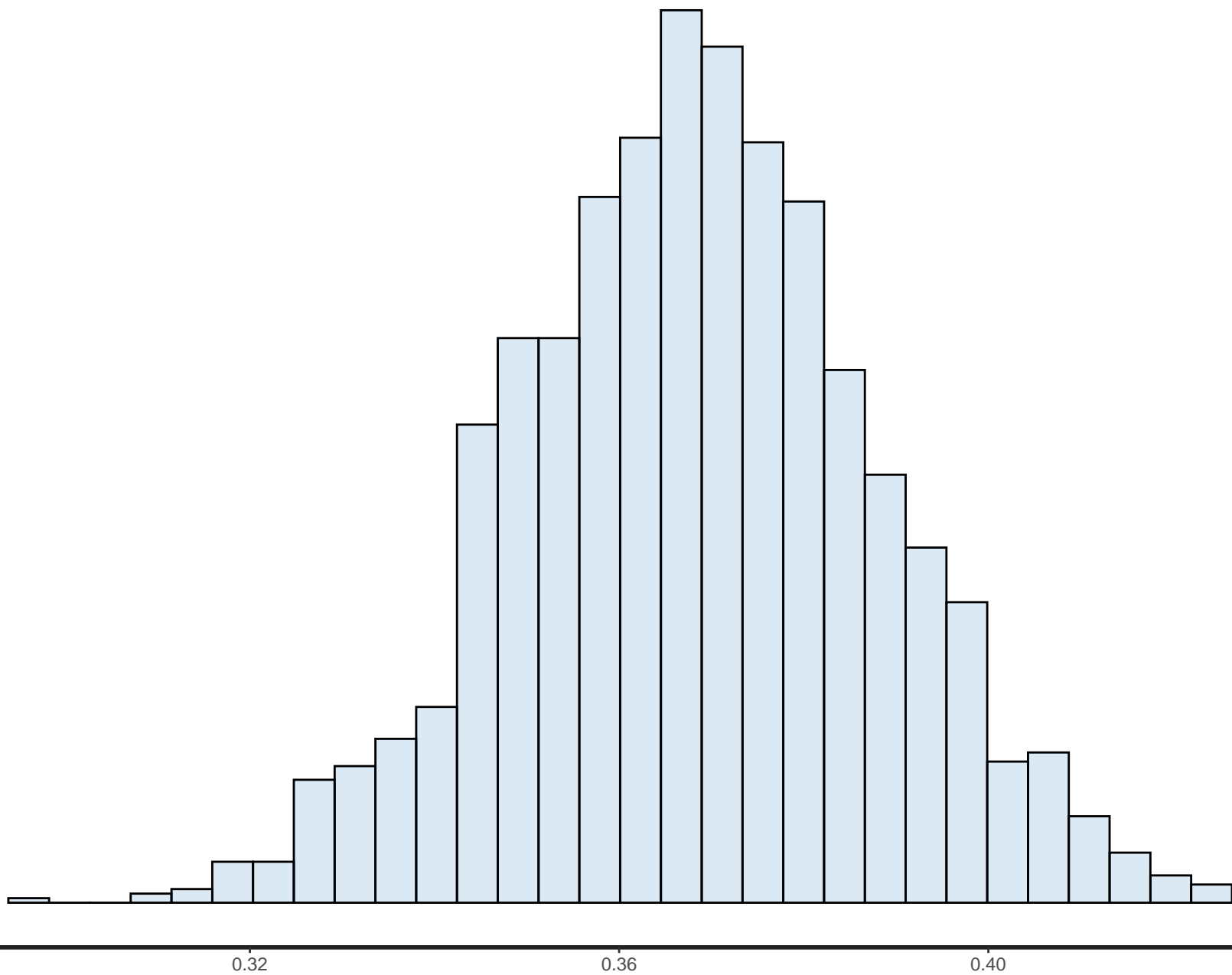


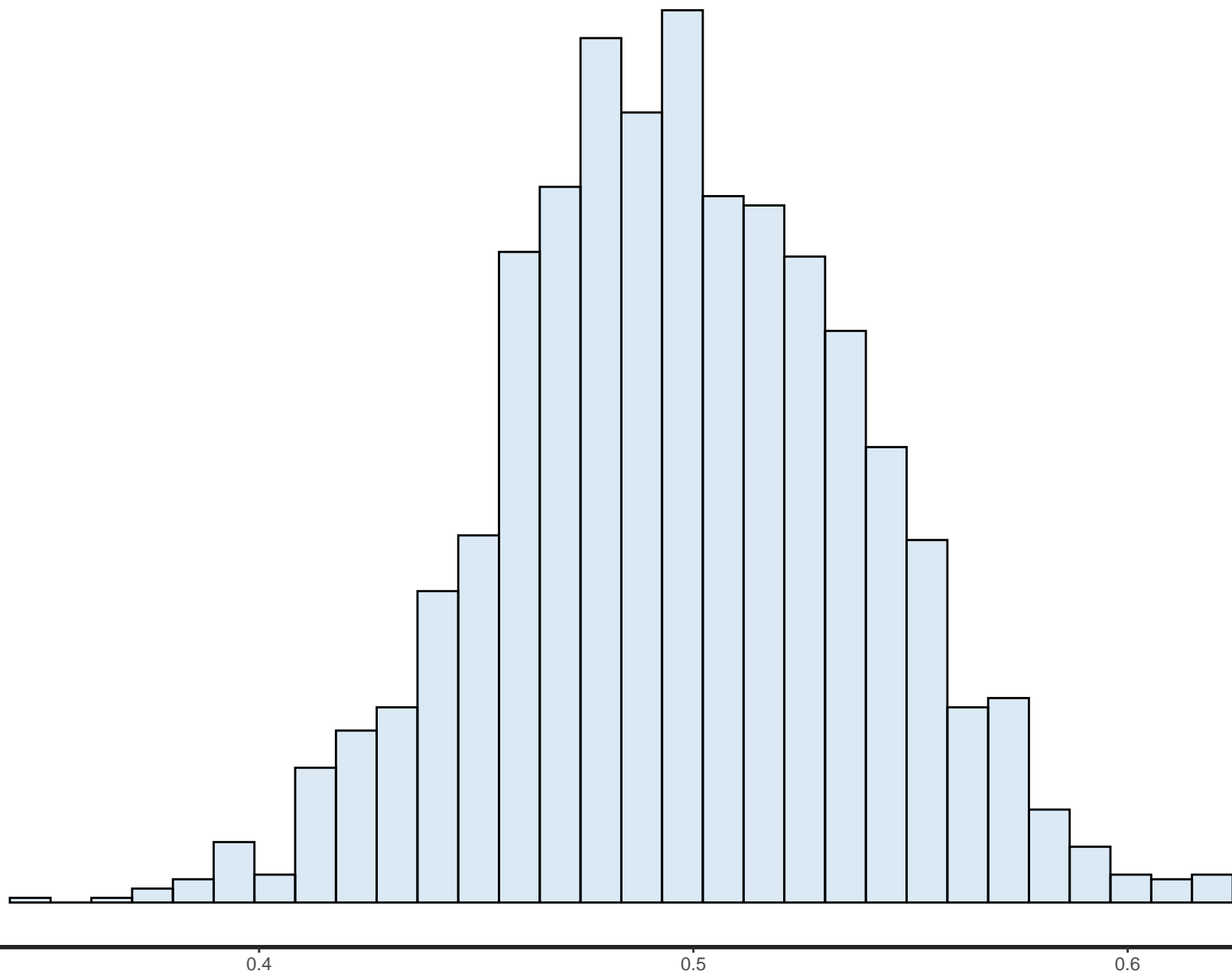


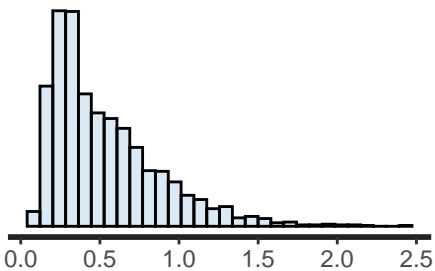
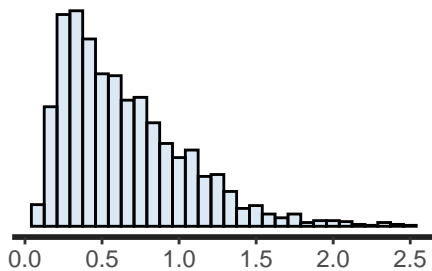
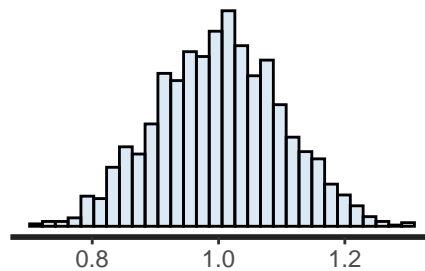
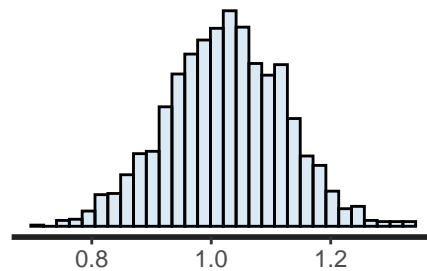
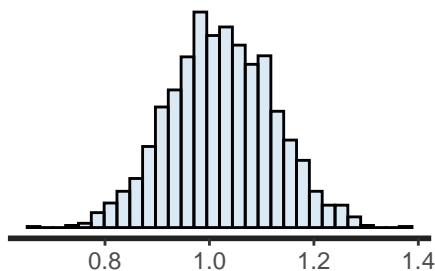
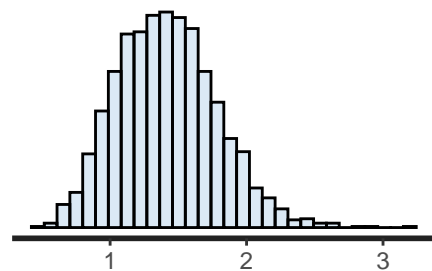
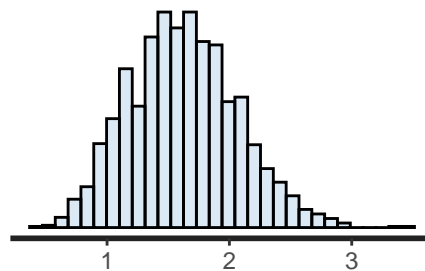
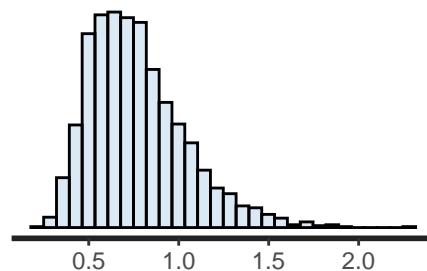
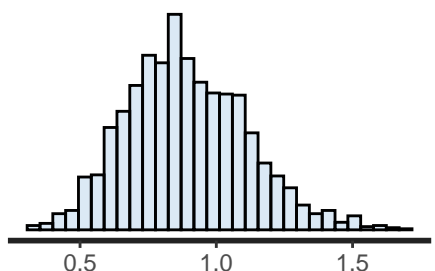
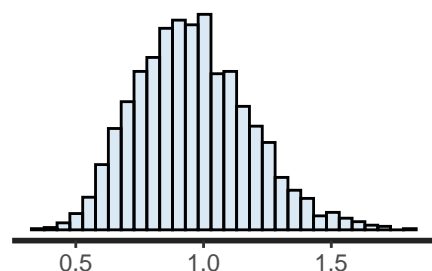
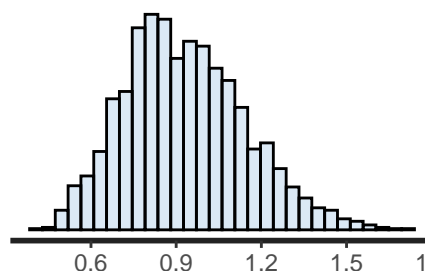
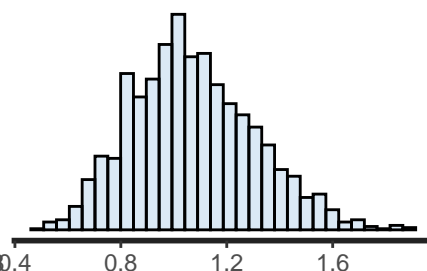
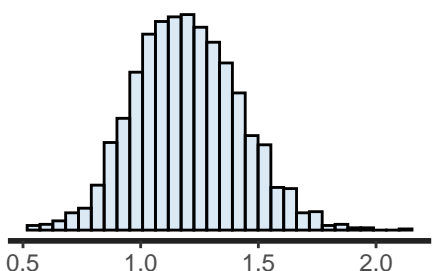
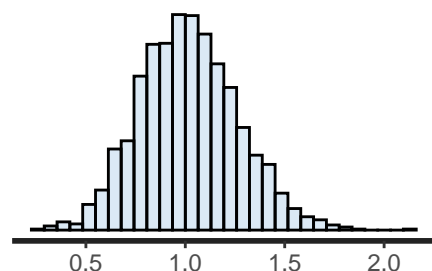
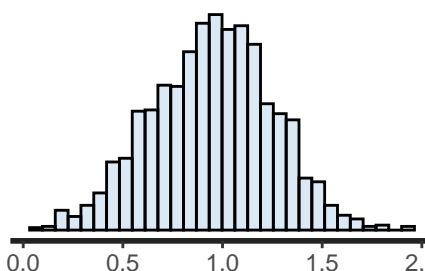
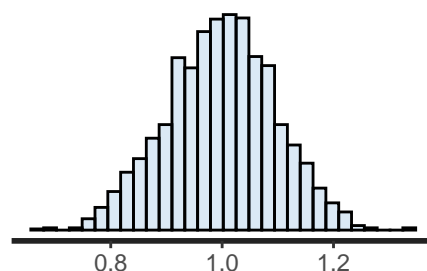


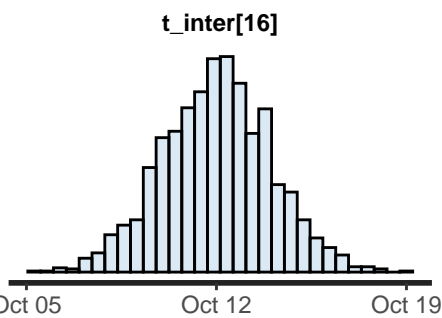
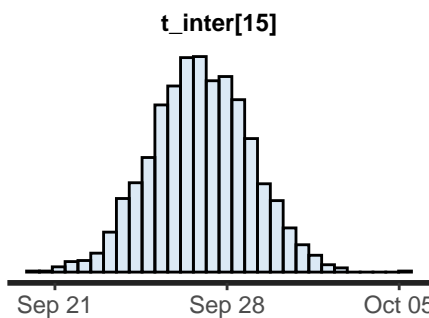
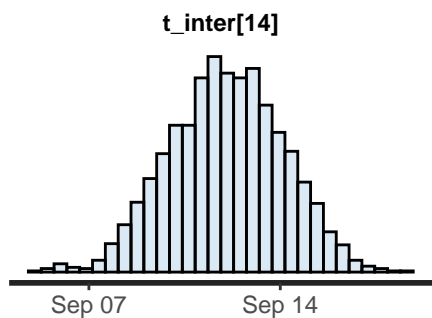
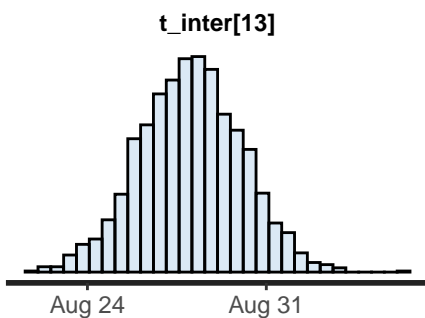
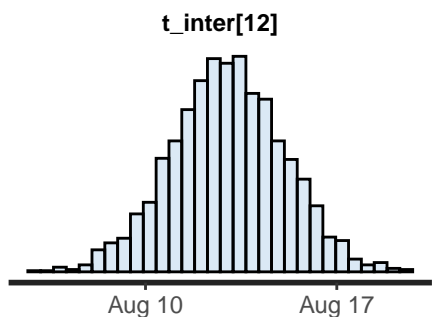
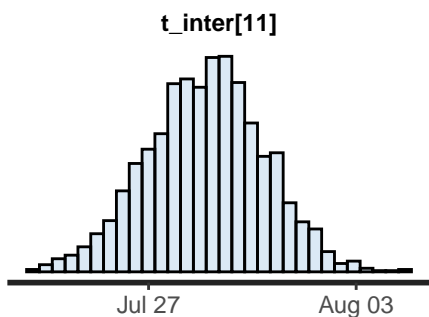
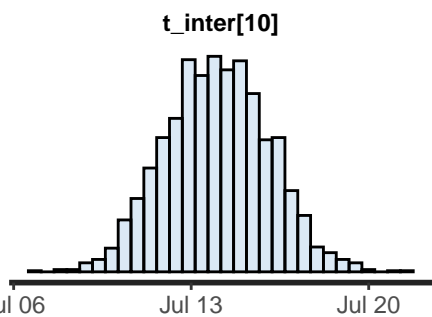
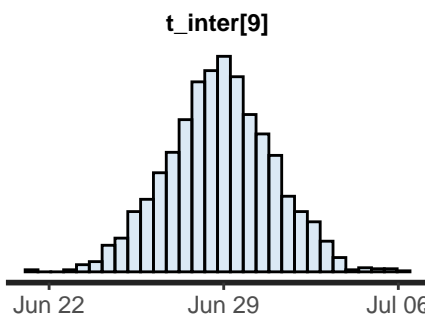
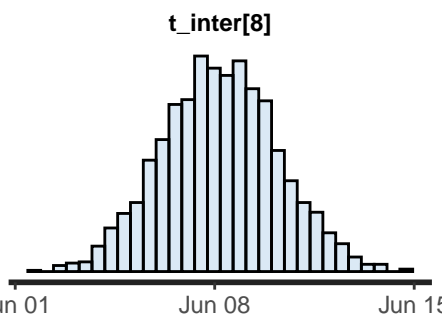
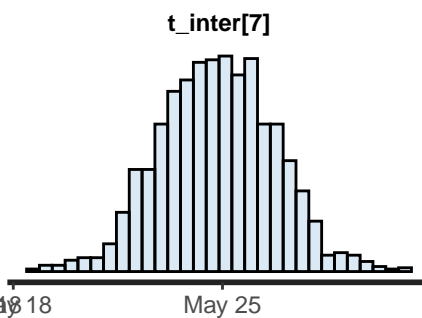
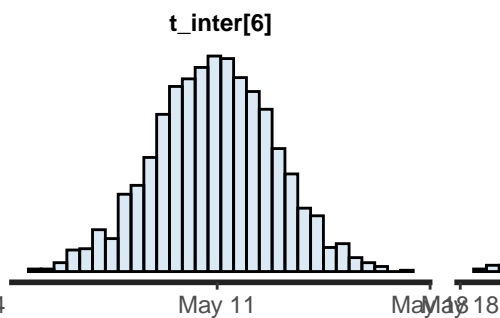
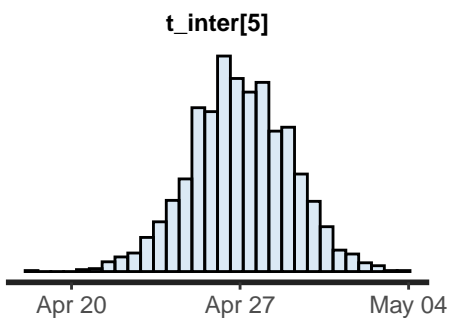
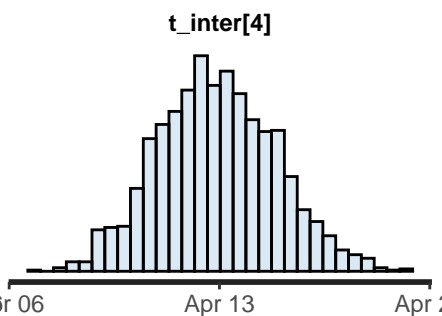
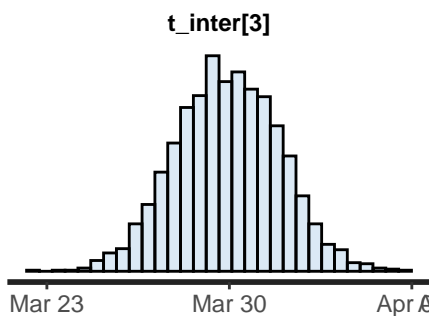
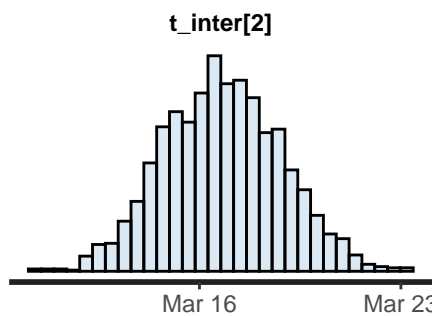
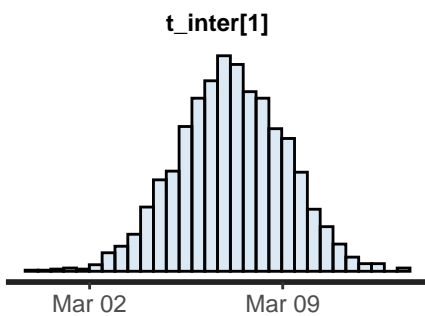


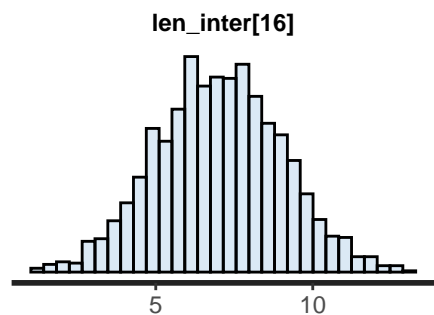
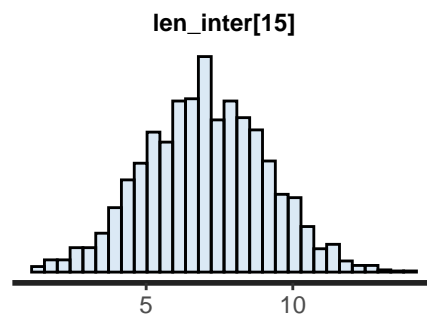
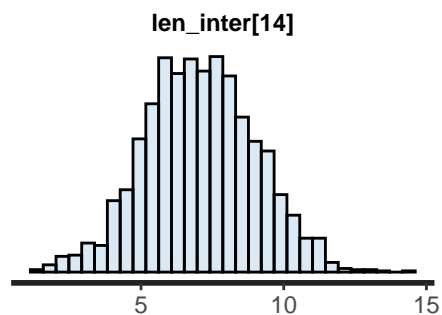
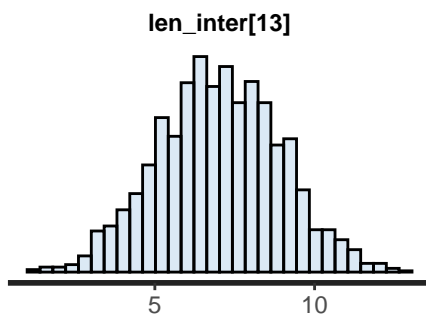
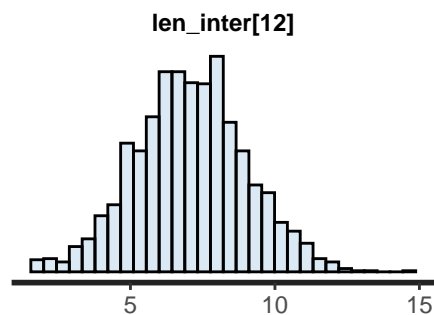
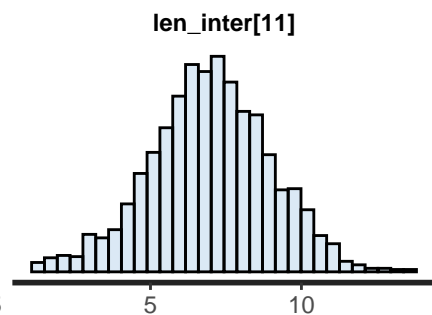
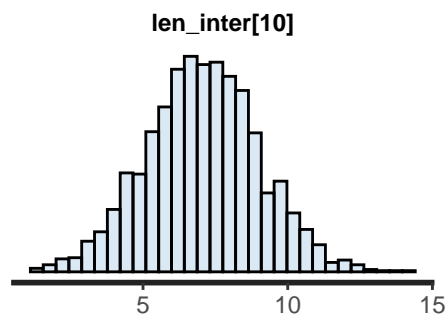
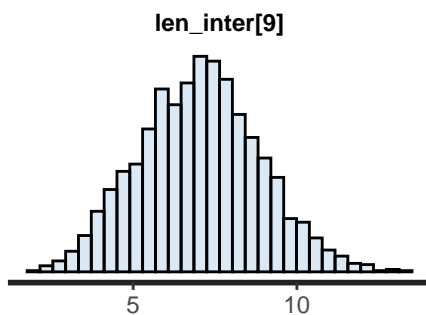
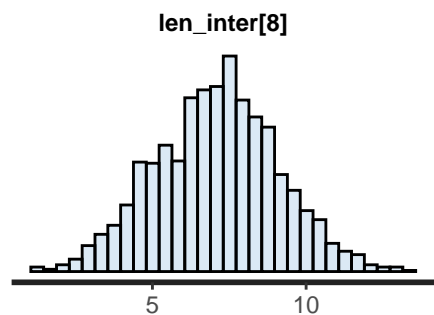
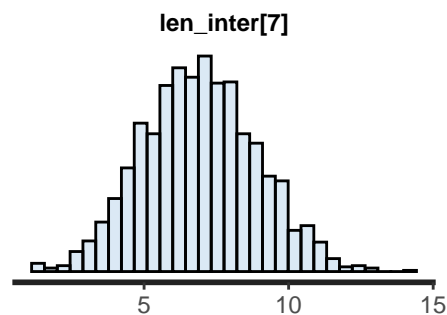
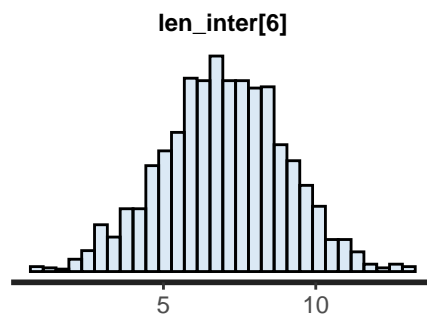
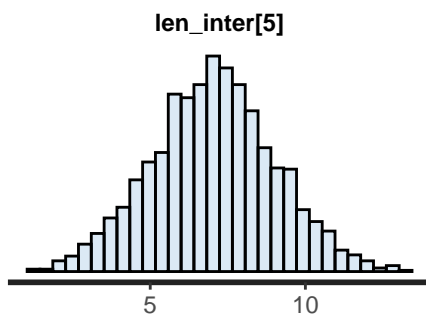
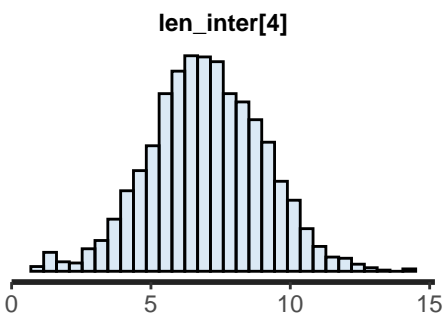
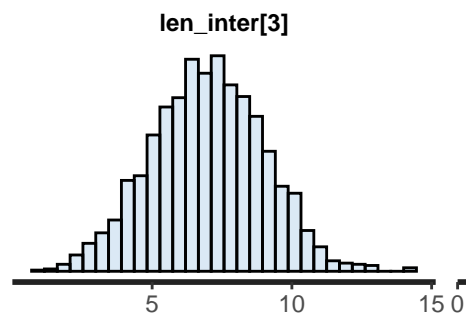
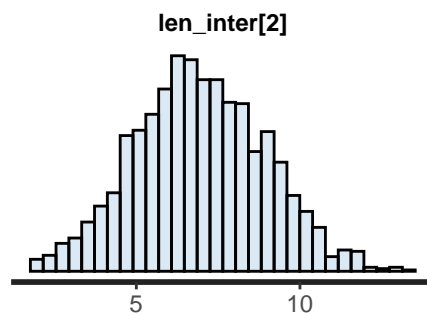
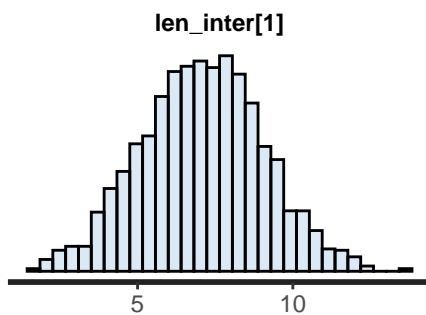




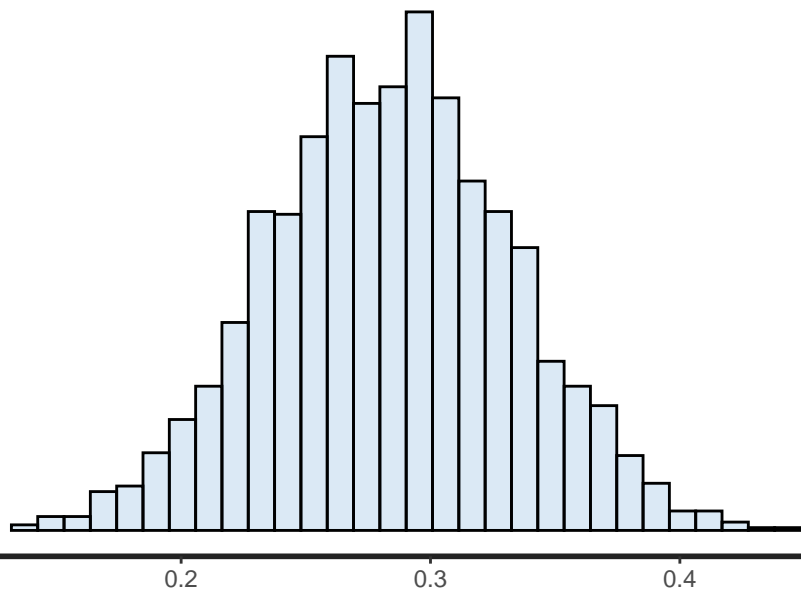


beta_multiplier[1]**beta_multiplier[2]****beta_multiplier[3]****beta_multiplier[4]****beta_multiplier[5]****beta_multiplier[6]****beta_multiplier[7]****beta_multiplier[8]****beta_multiplier[9]****beta_multiplier[10]****beta_multiplier[11]****beta_multiplier[12]****beta_multiplier[13]****beta_multiplier[14]****beta_multiplier[15]****beta_multiplier[16]**

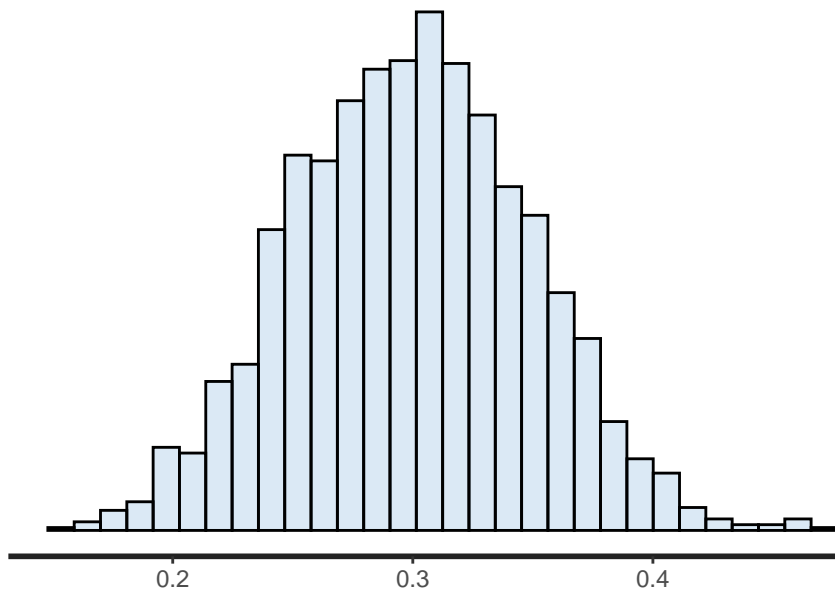




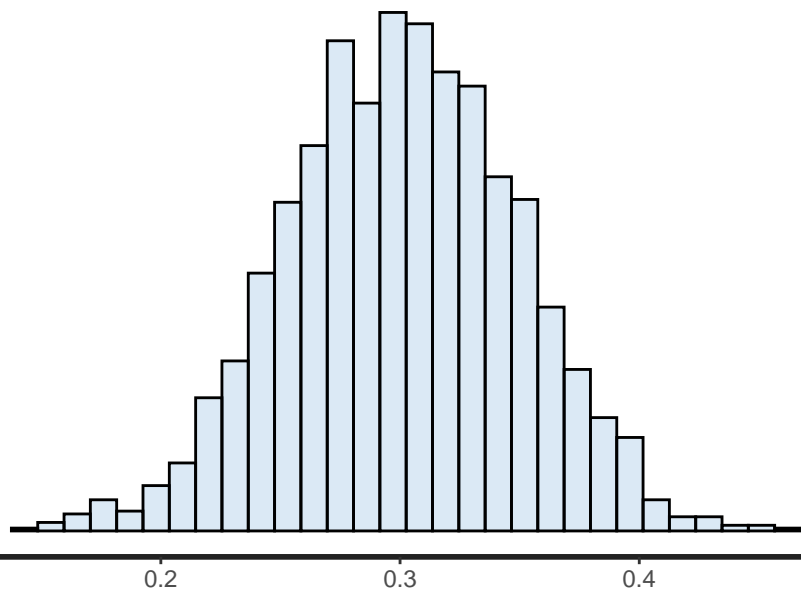
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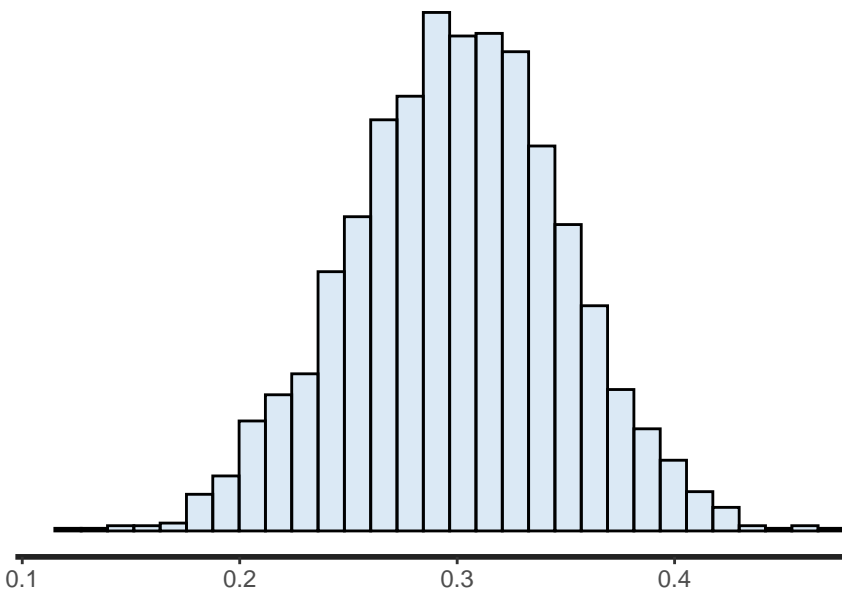
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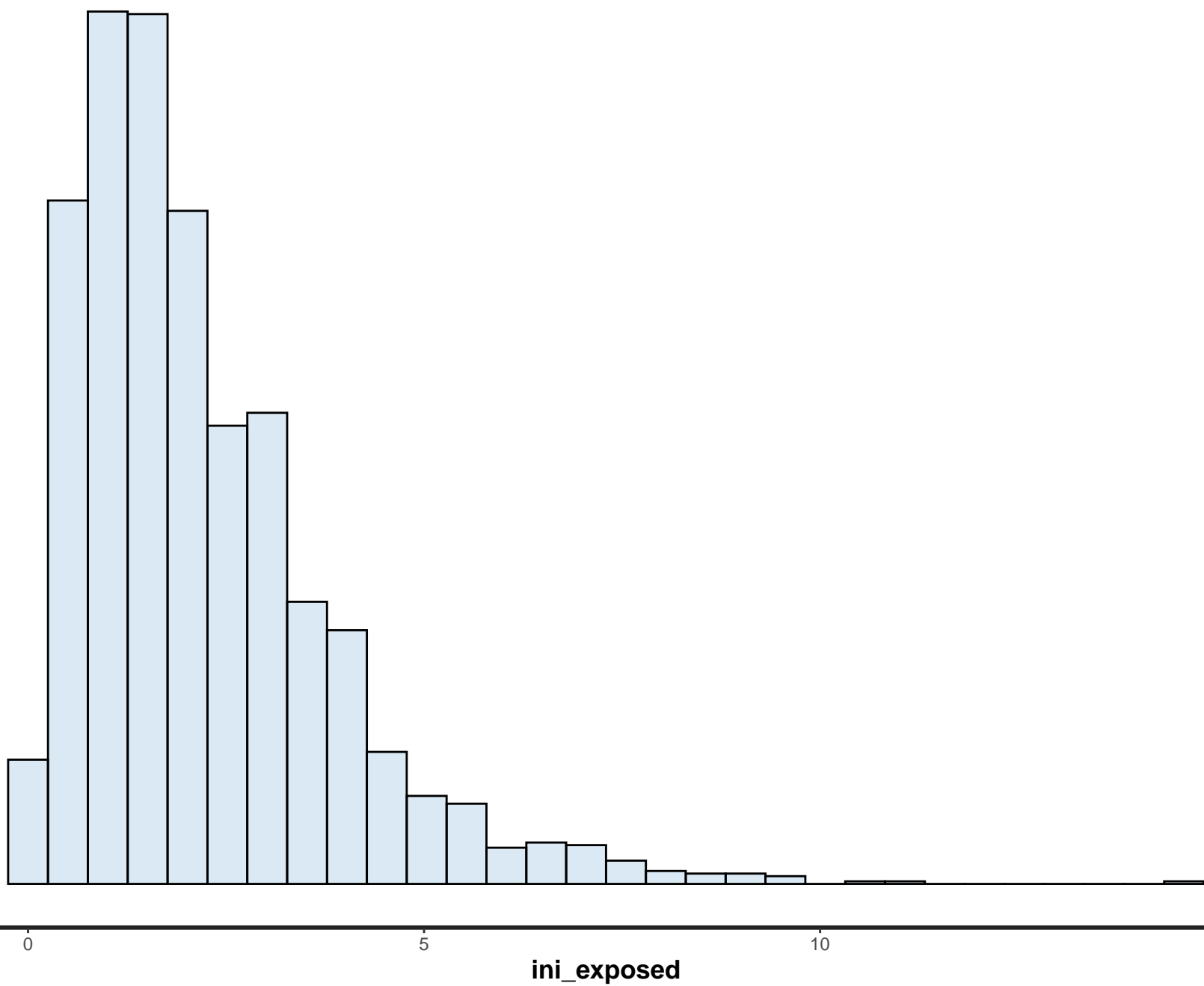


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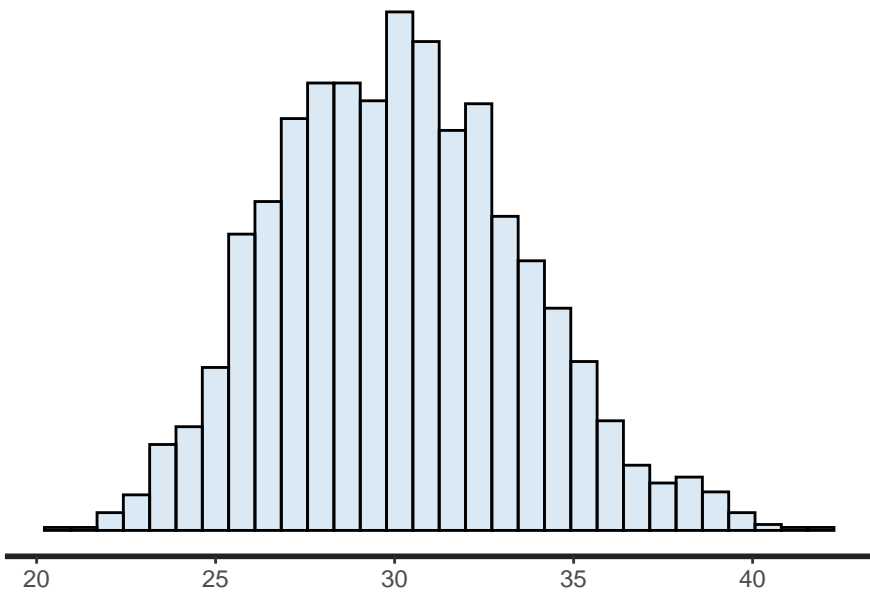


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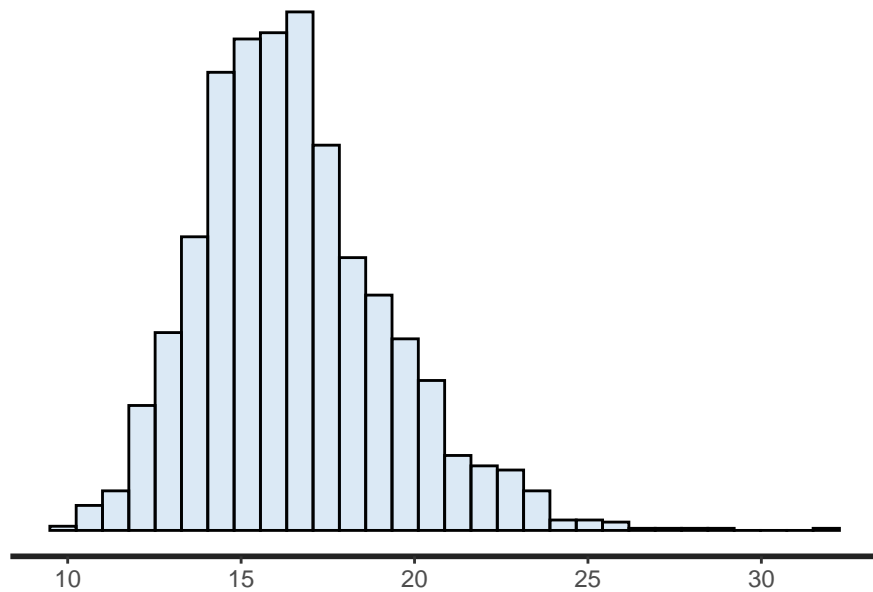




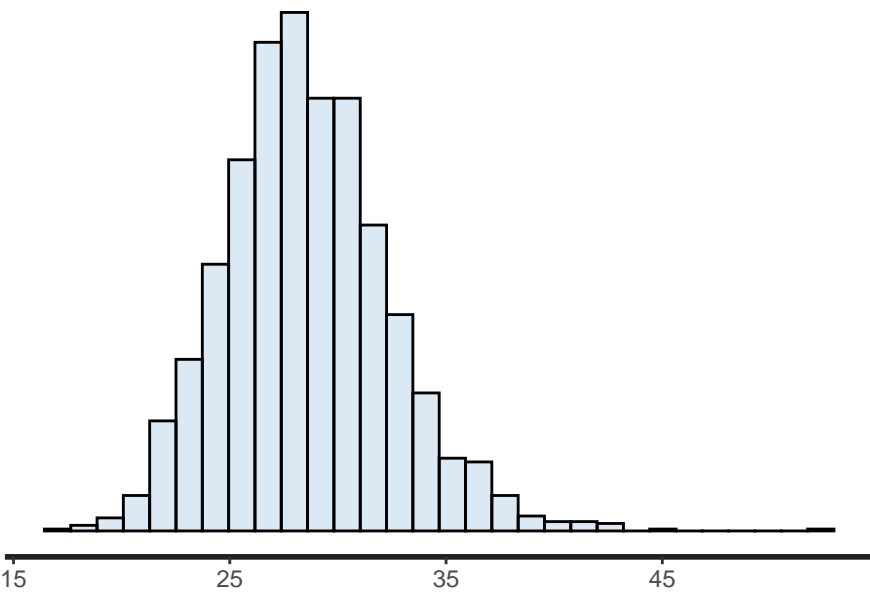
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

