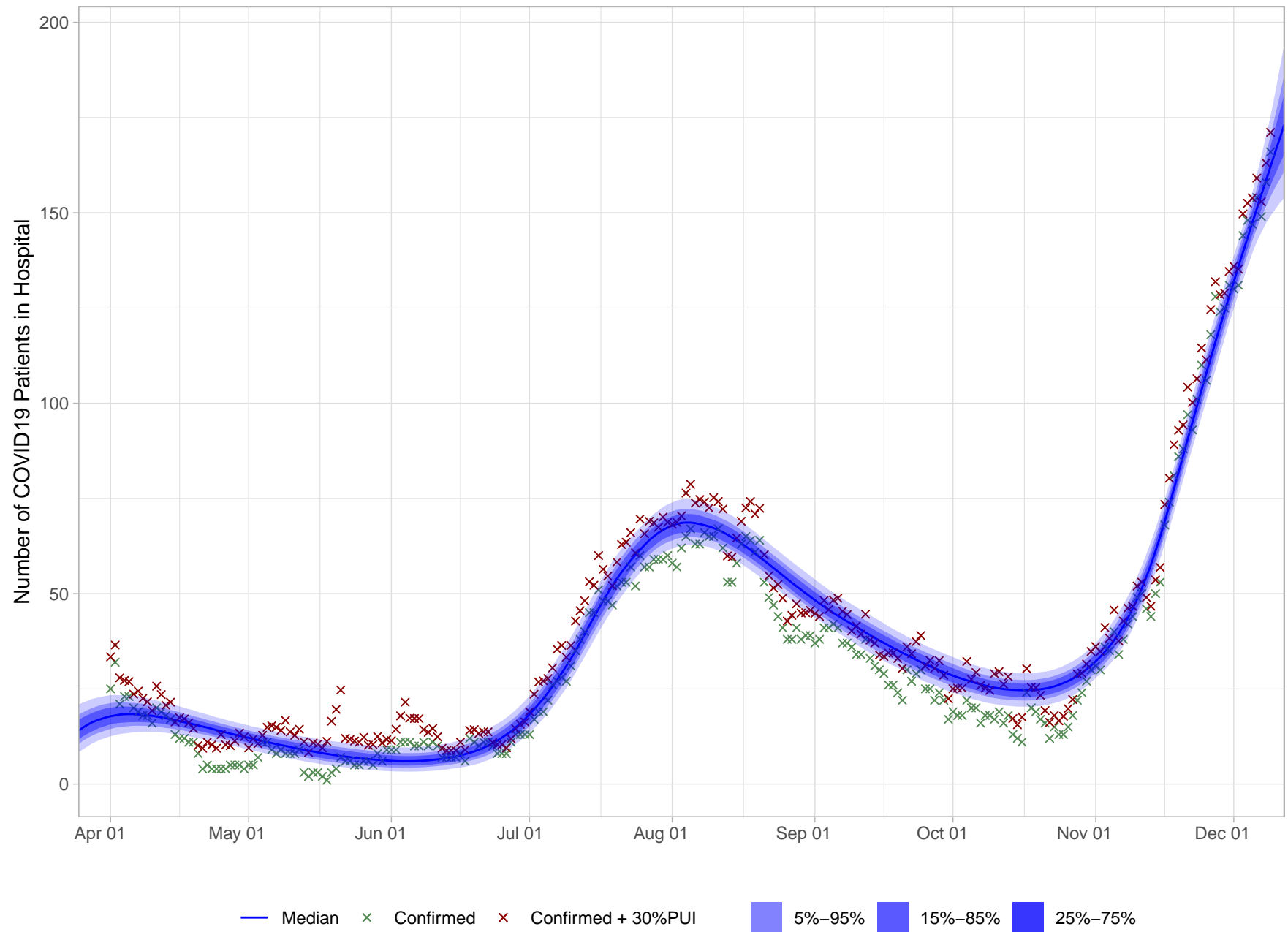
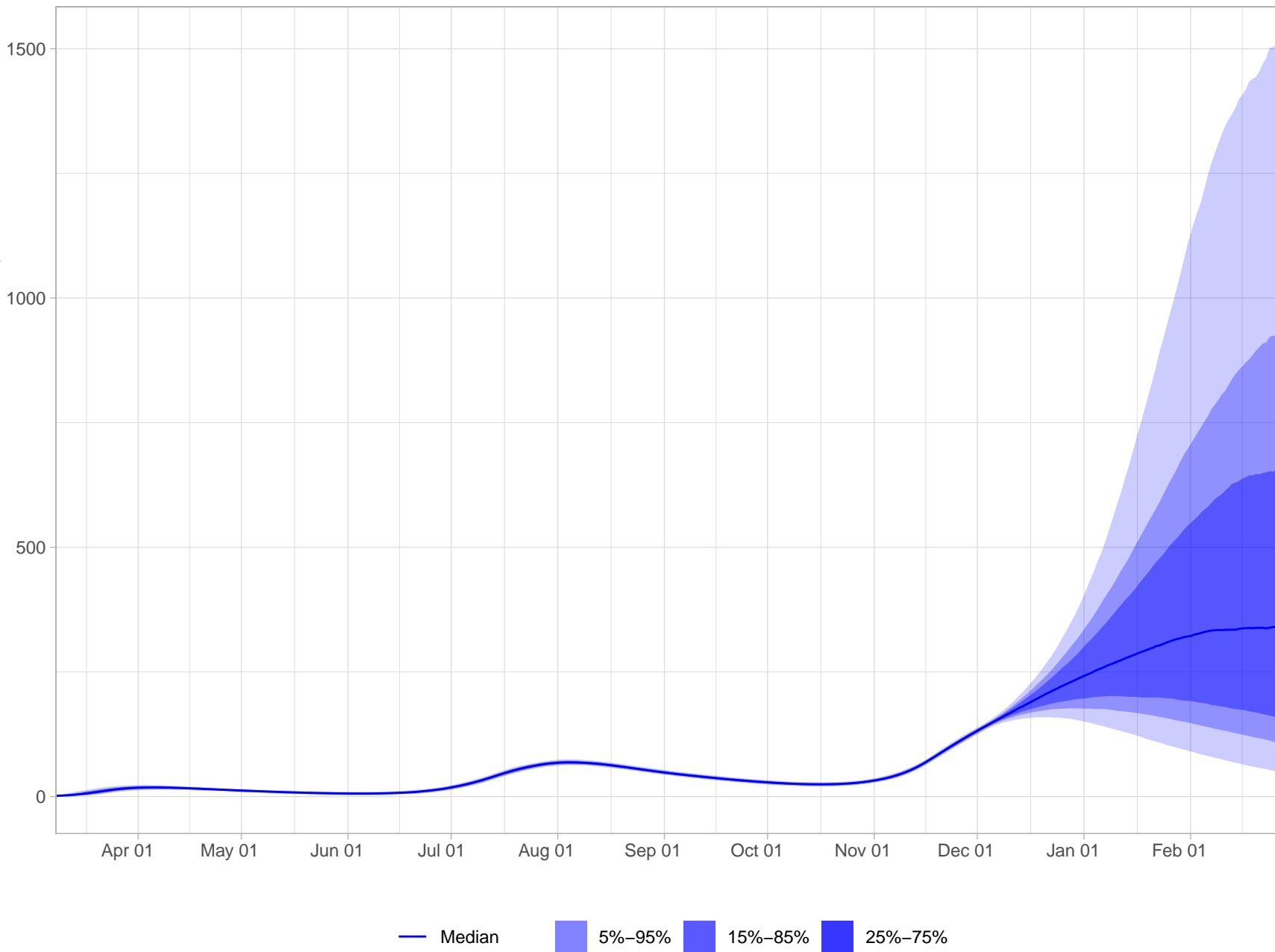


Short Term Hospitalization Projection

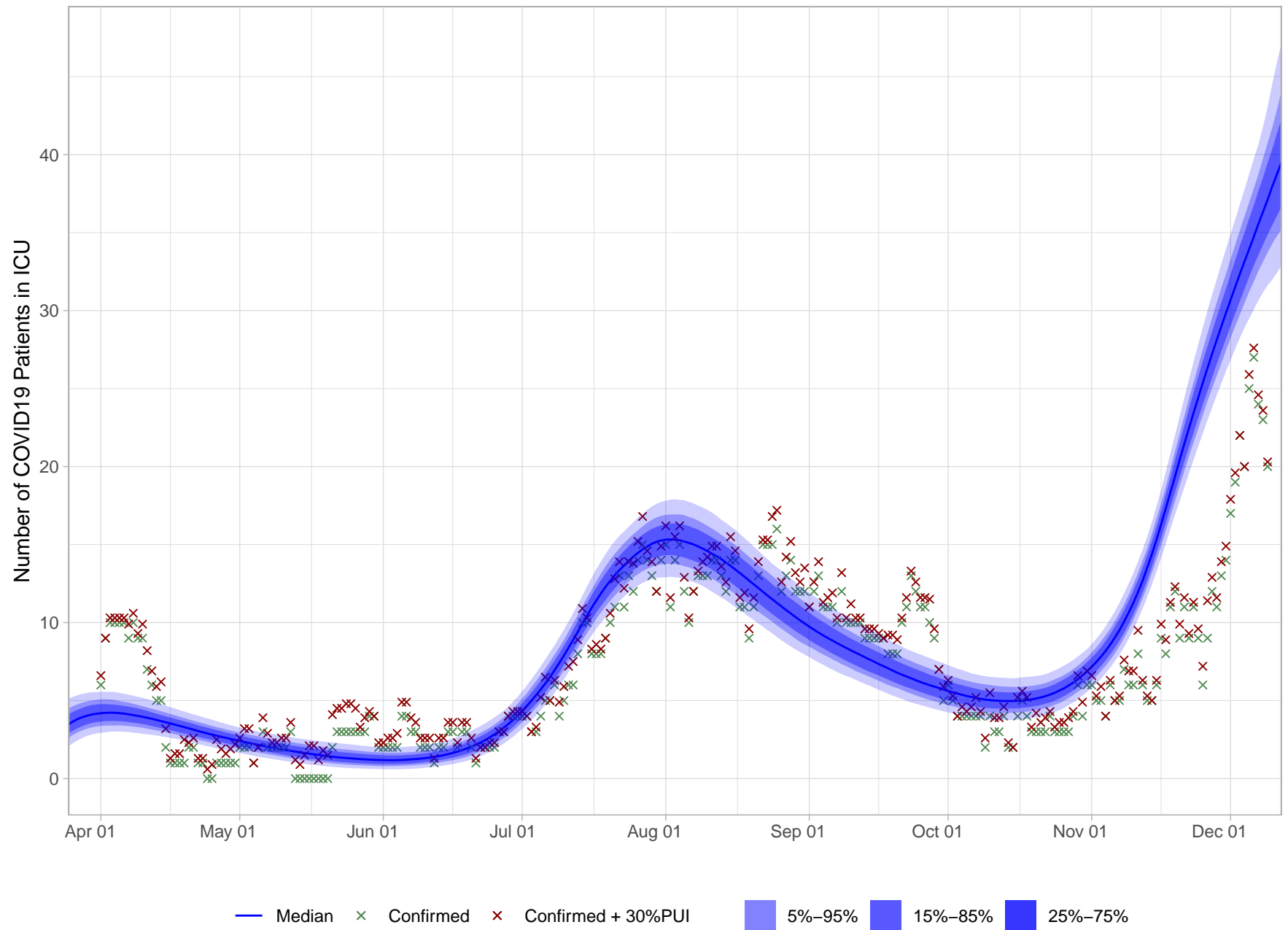


Long Term Hospitalization Projection

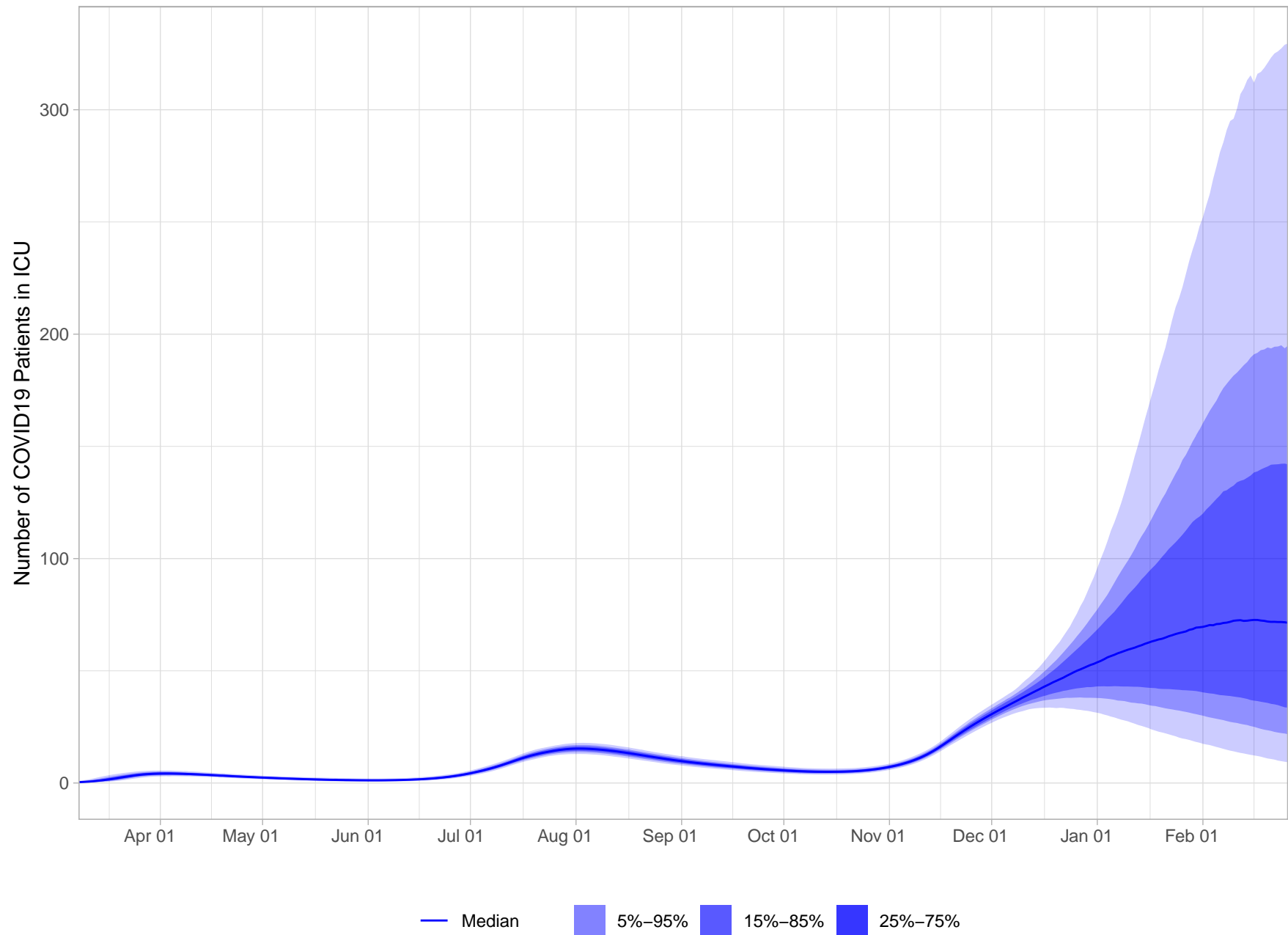
Number of COVID19 Patients in Hospital



Short Term ICU Projection

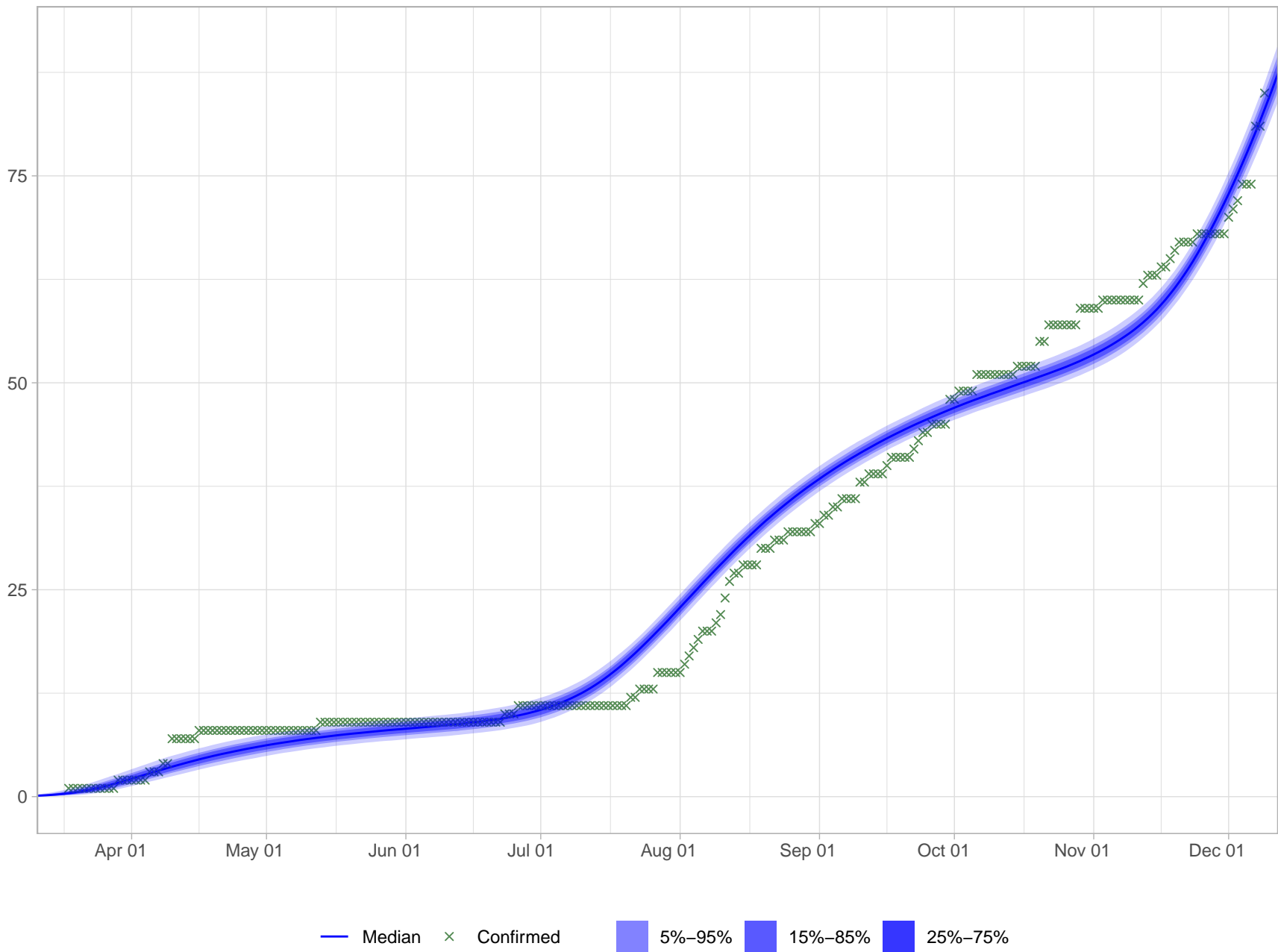


Long Term ICU Projection



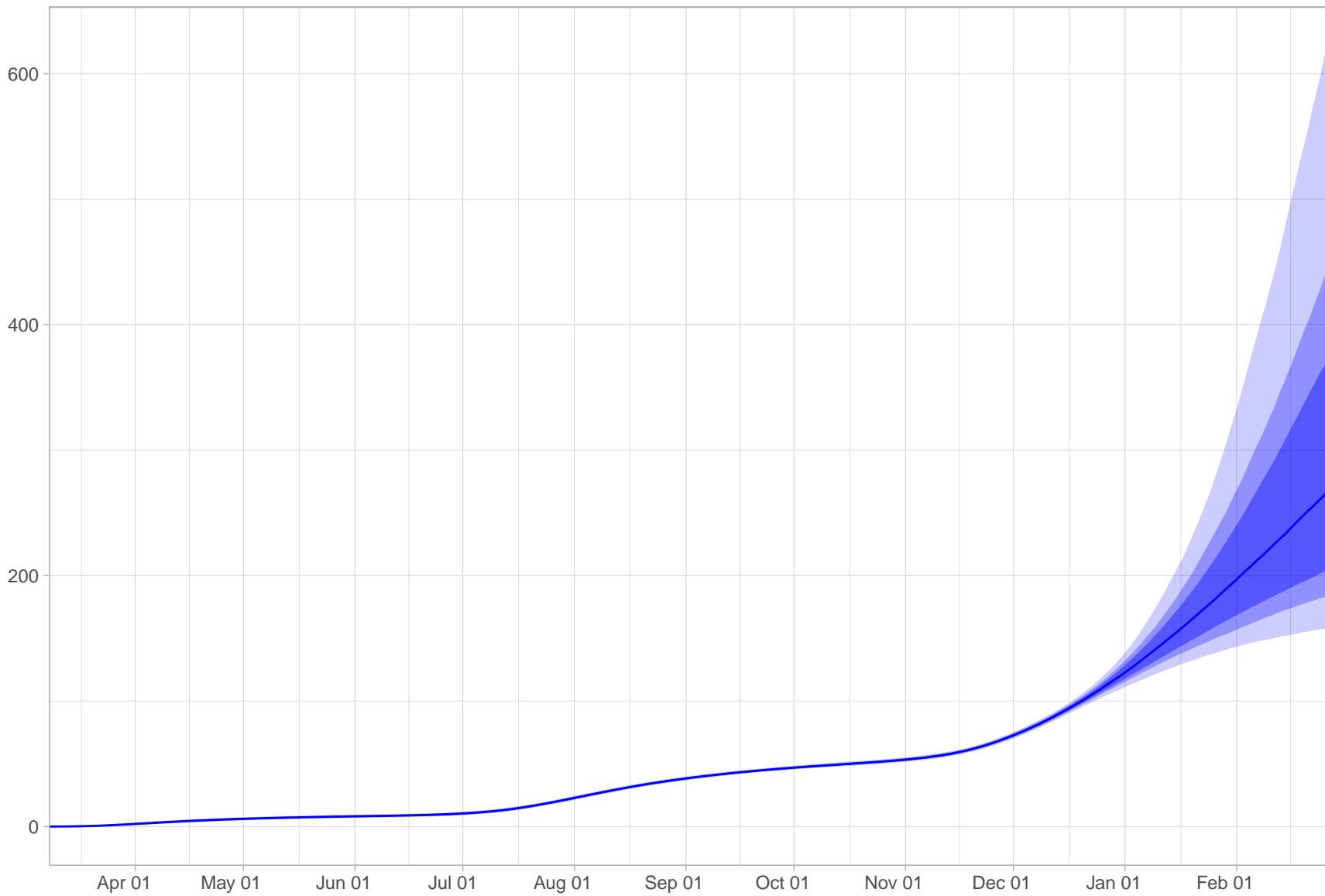
Short Term Death Projection

Number of COVID19 Deaths



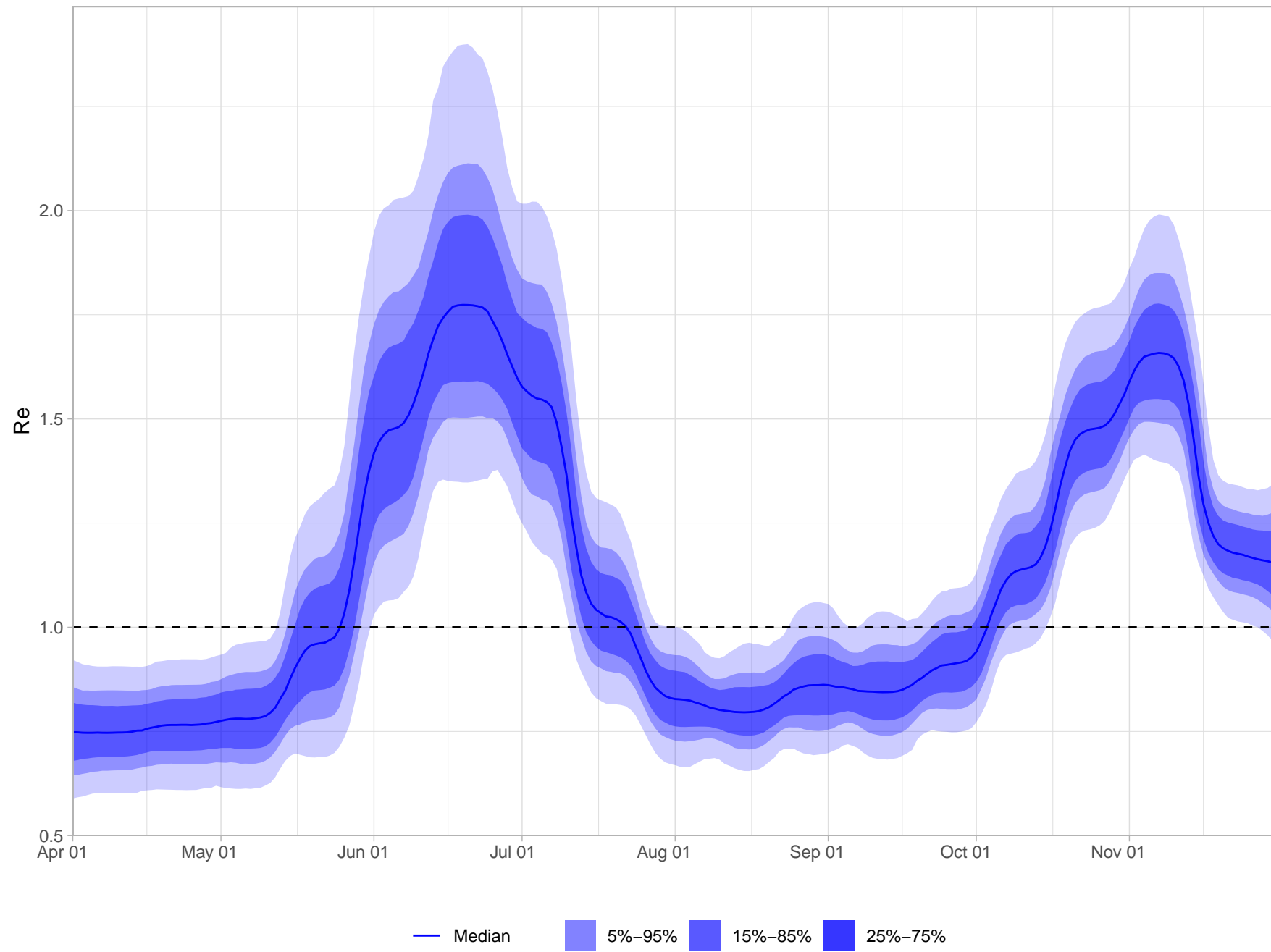
Long Term Death Projection

Number of COVID19 Deaths



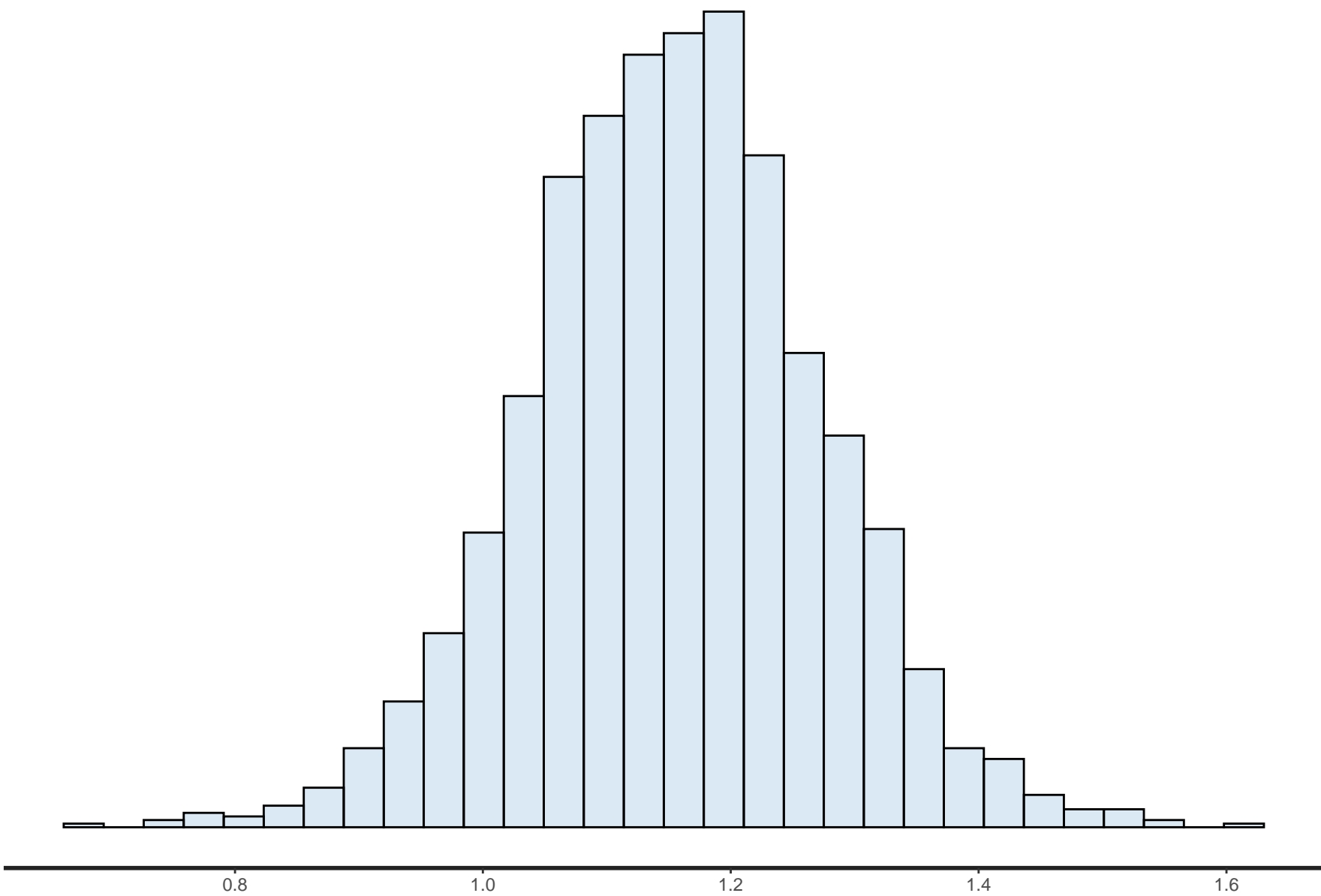
— Median 5%-95% 15%-85% 25%-75%

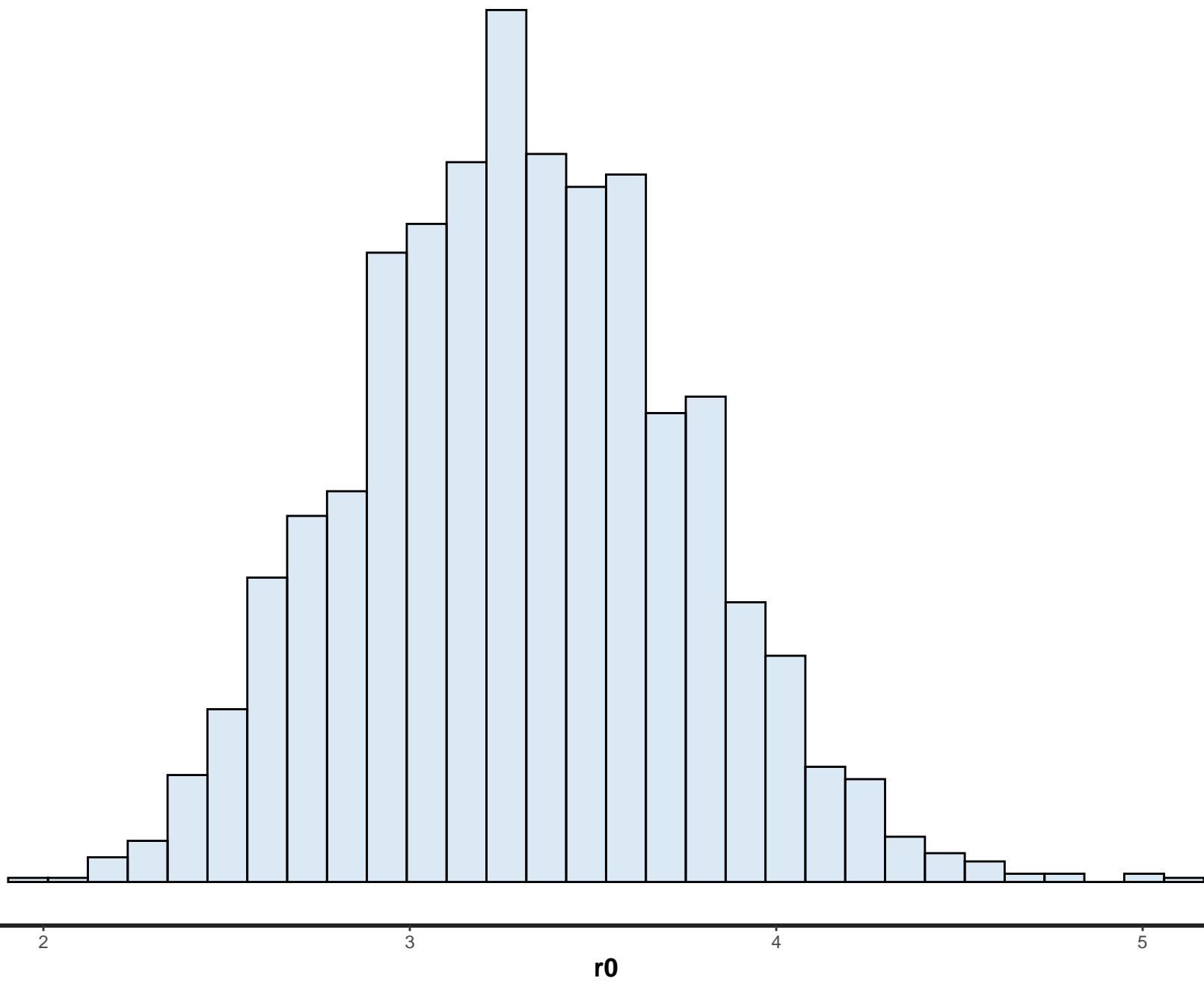
Effective Reproduction Number

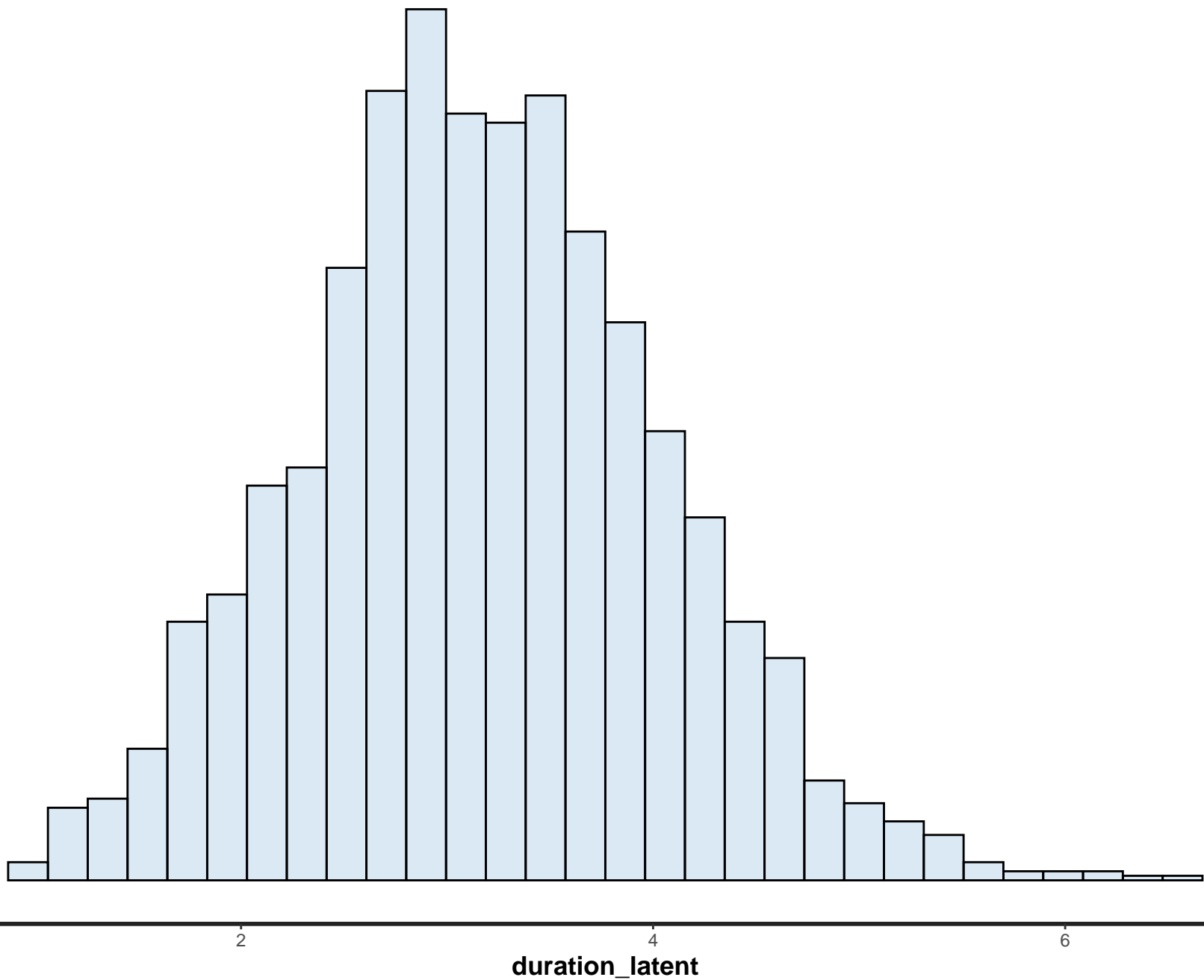


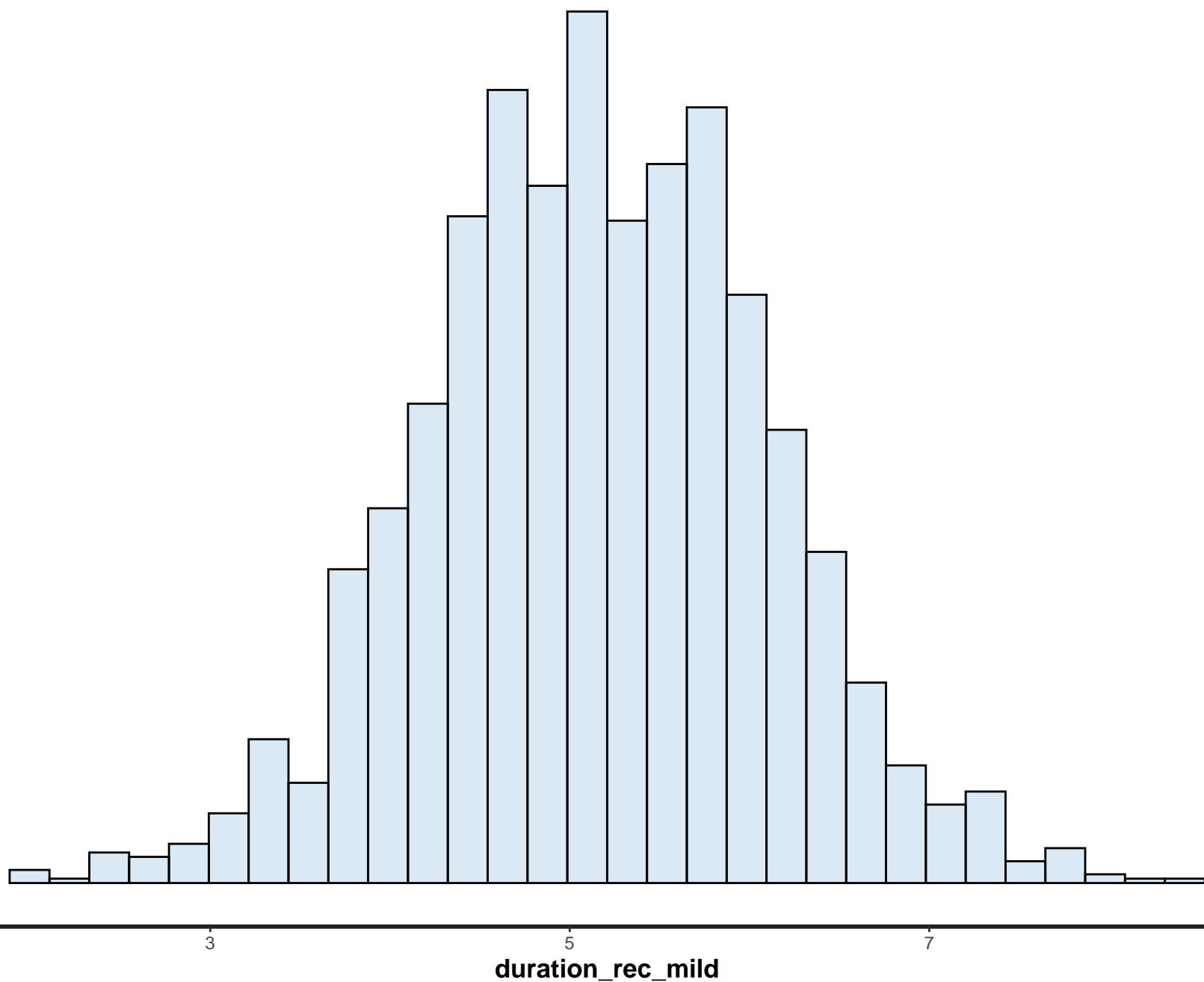
Rt as of 2020-11-30

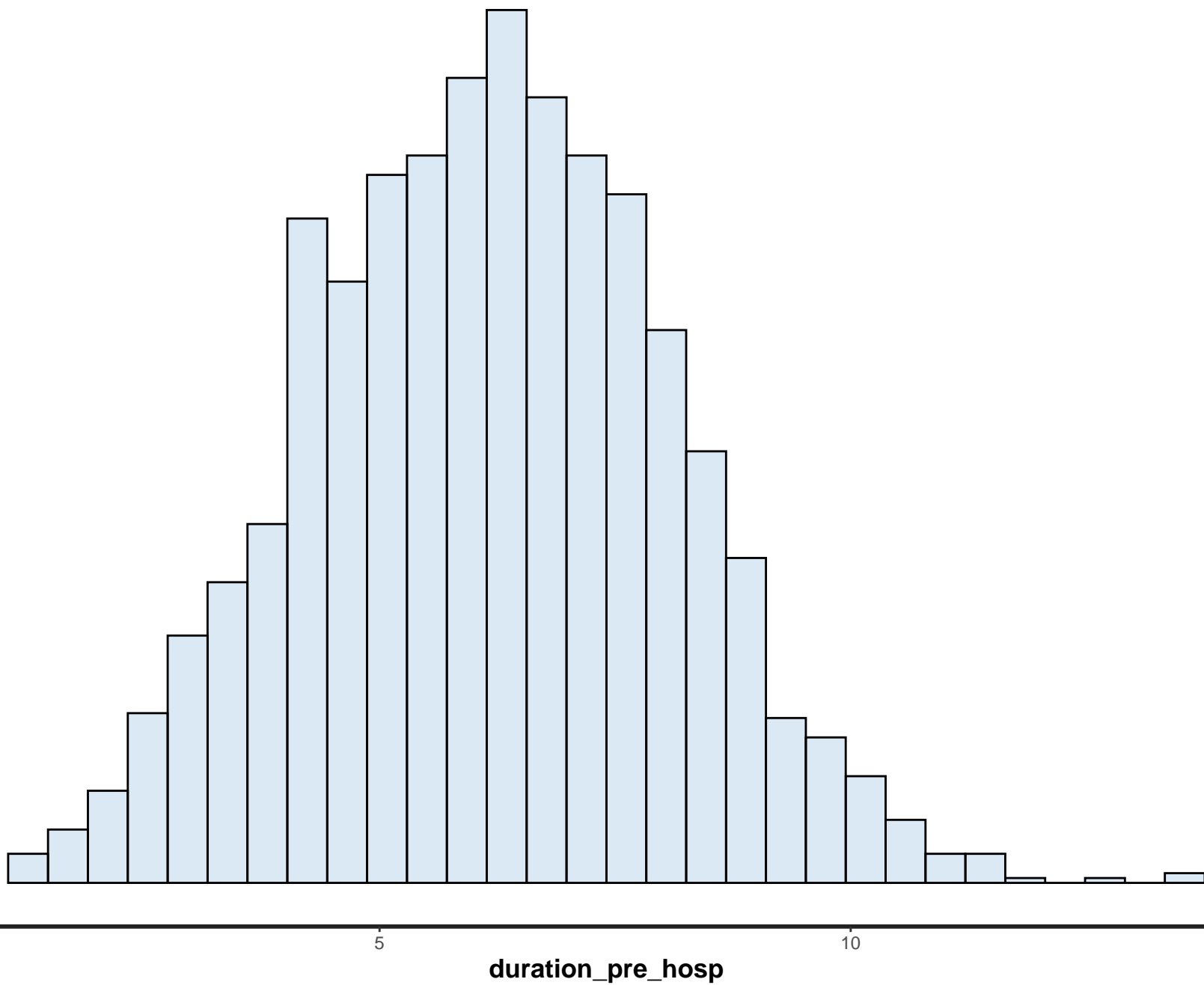
5% 10% 25% 50% 75% 90% 95%
0.97 1.01 1.08 1.16 1.23 1.30 1.34

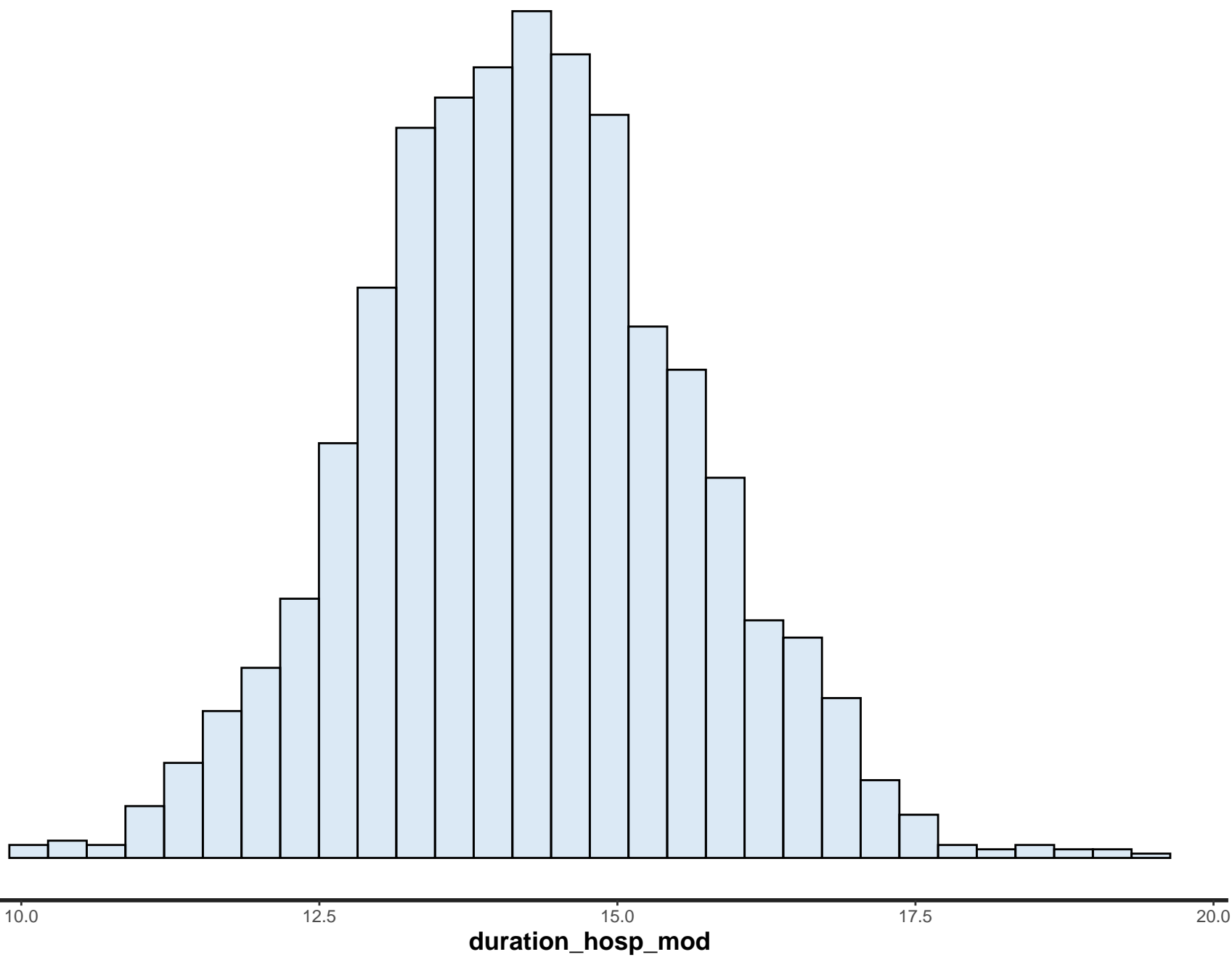


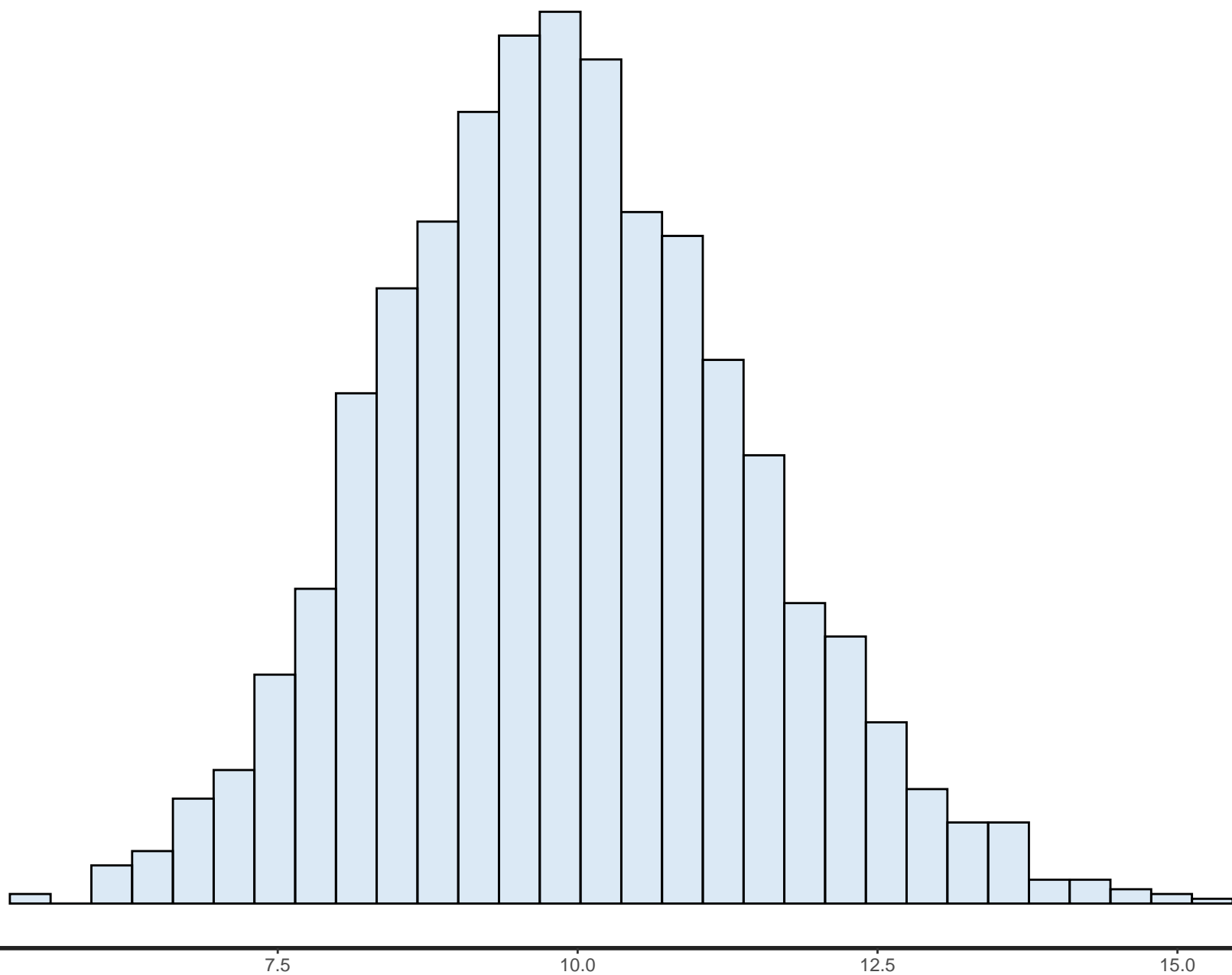


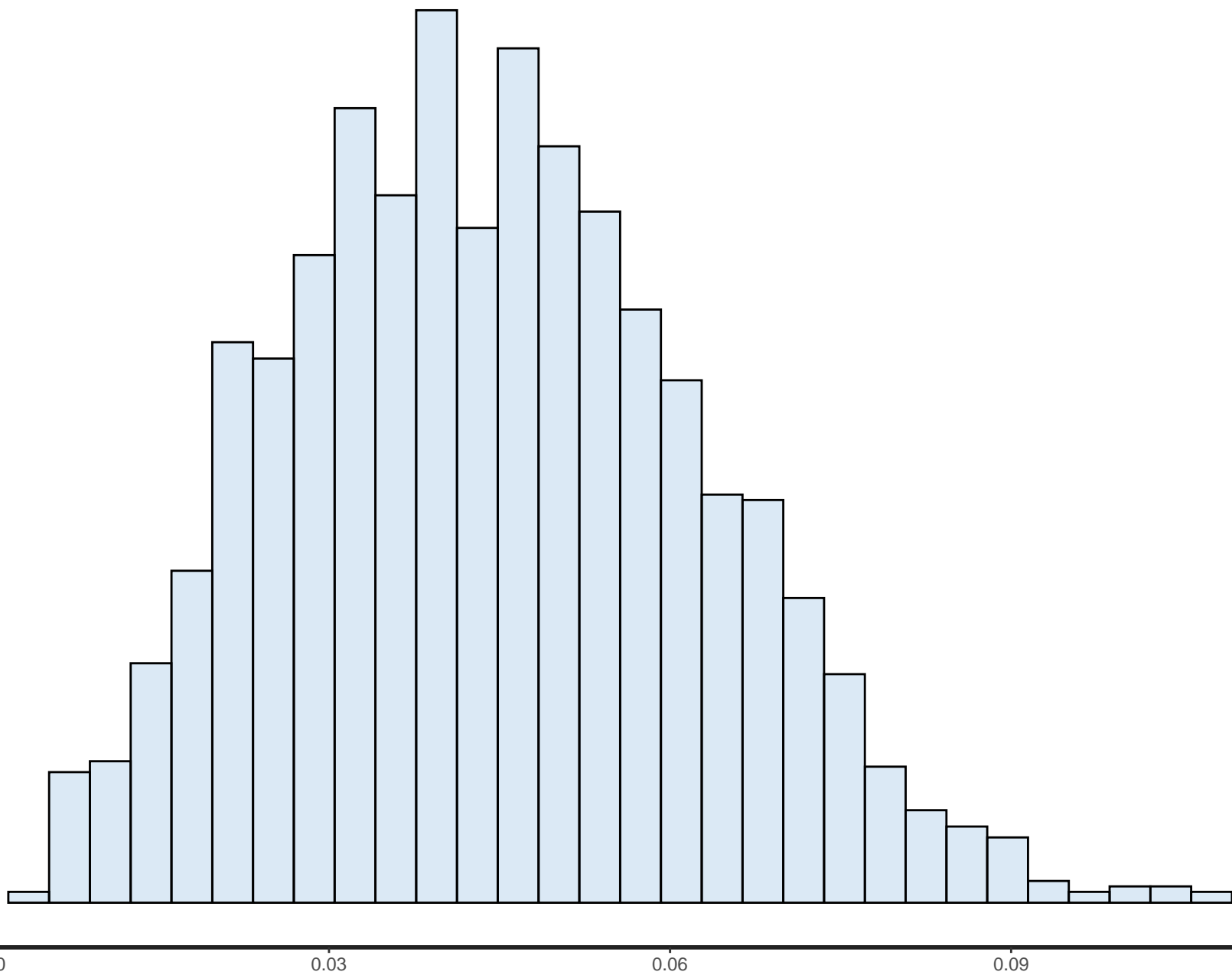


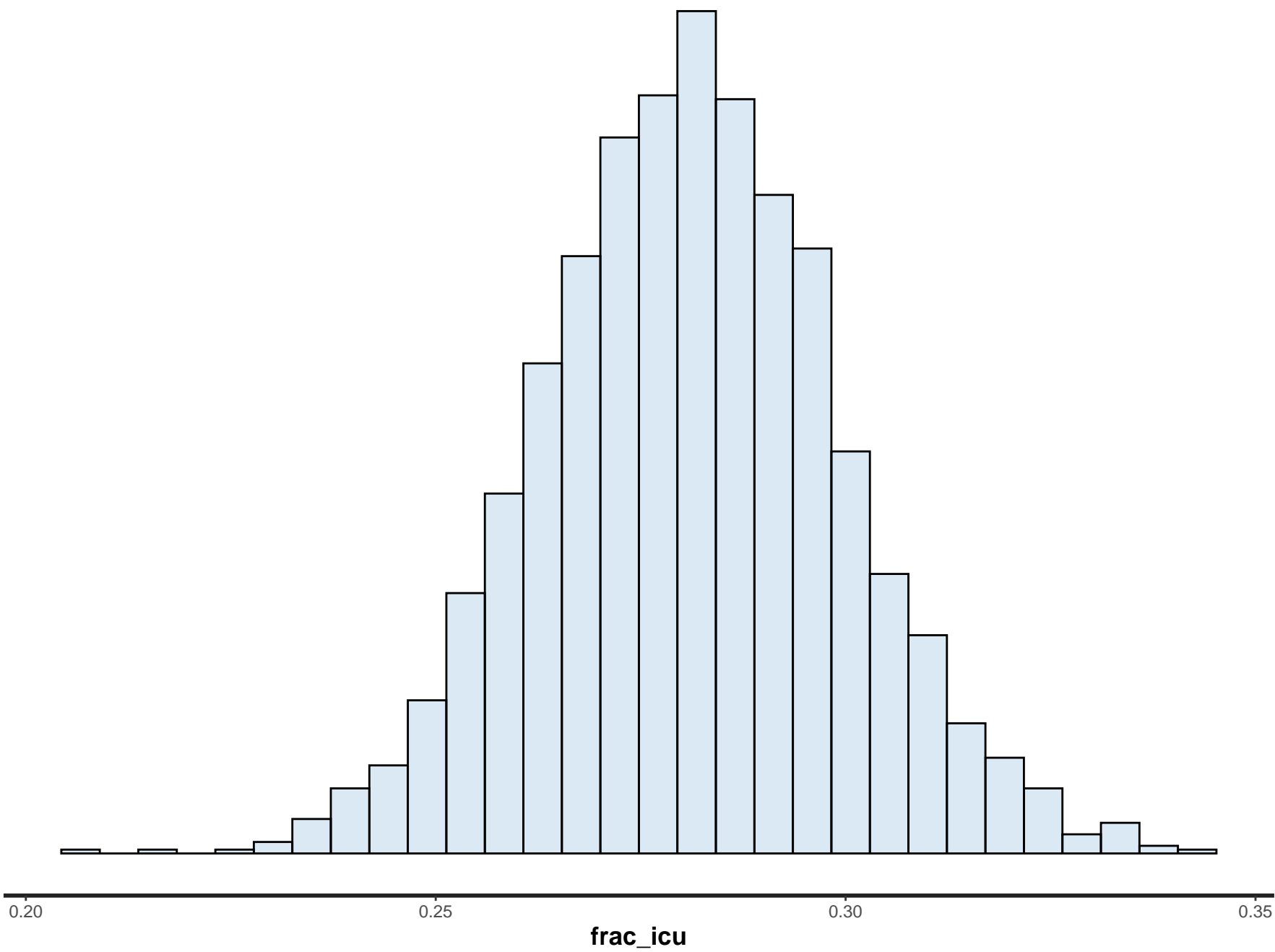


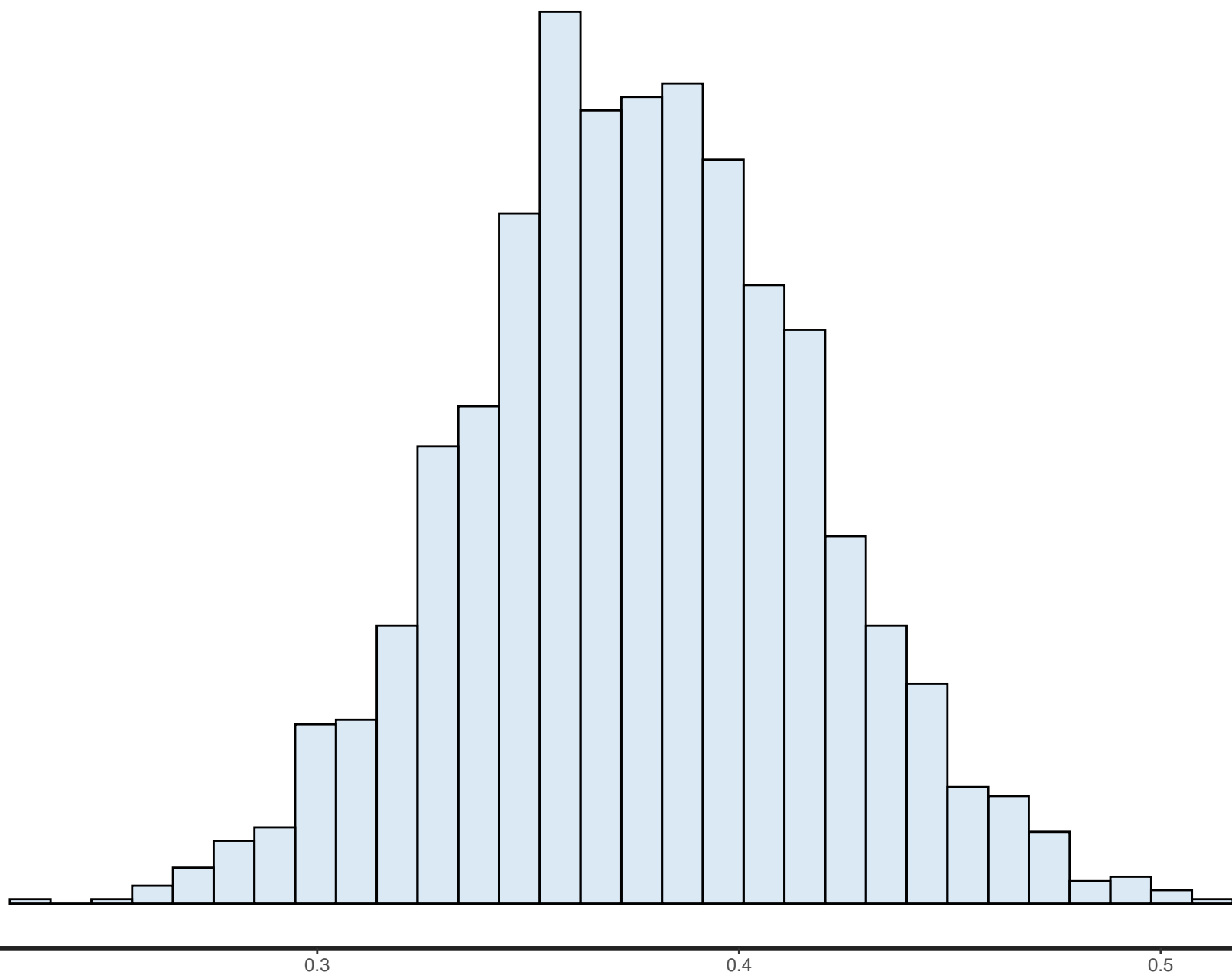


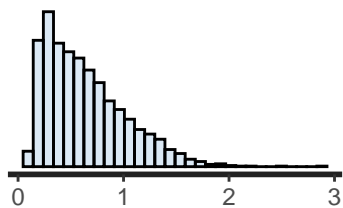
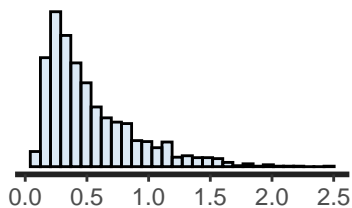
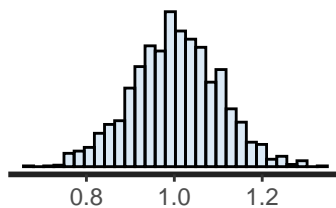
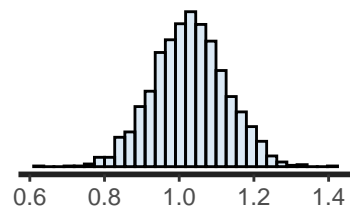
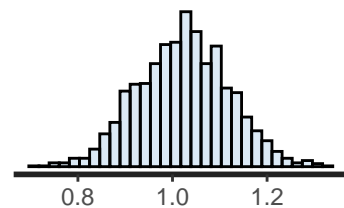
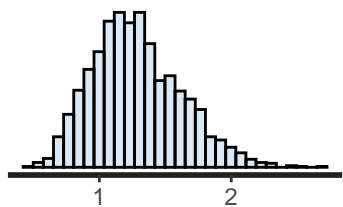
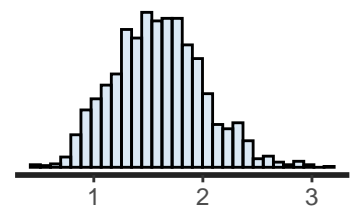
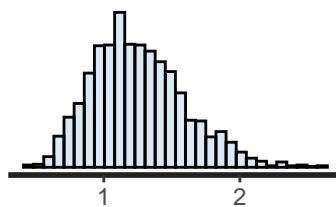
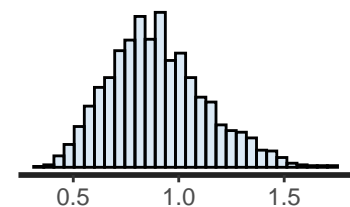
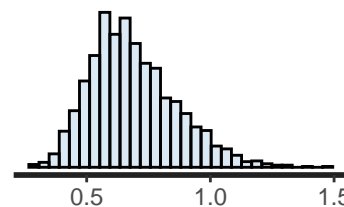
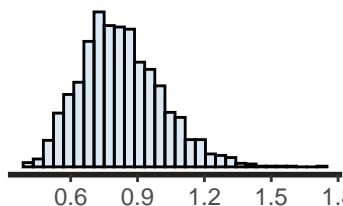
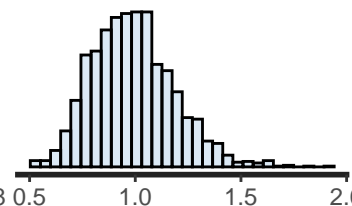
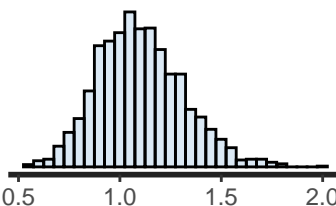
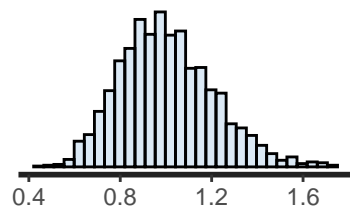
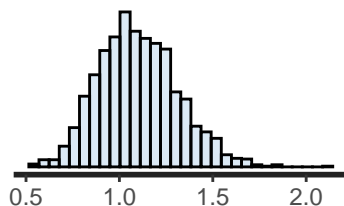
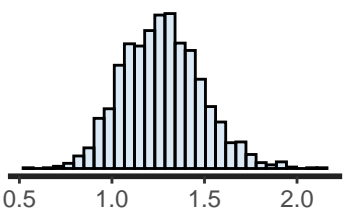
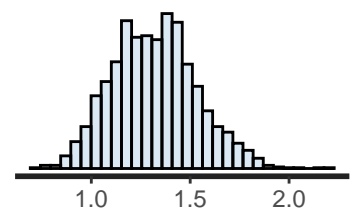
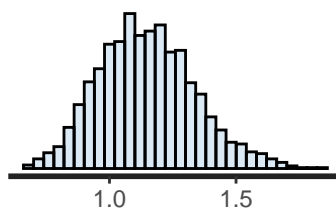
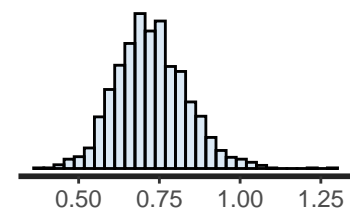
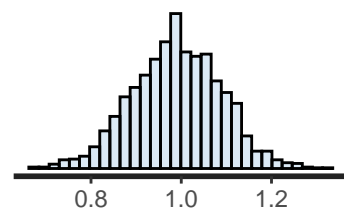
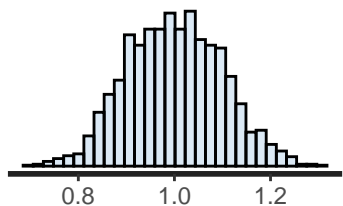


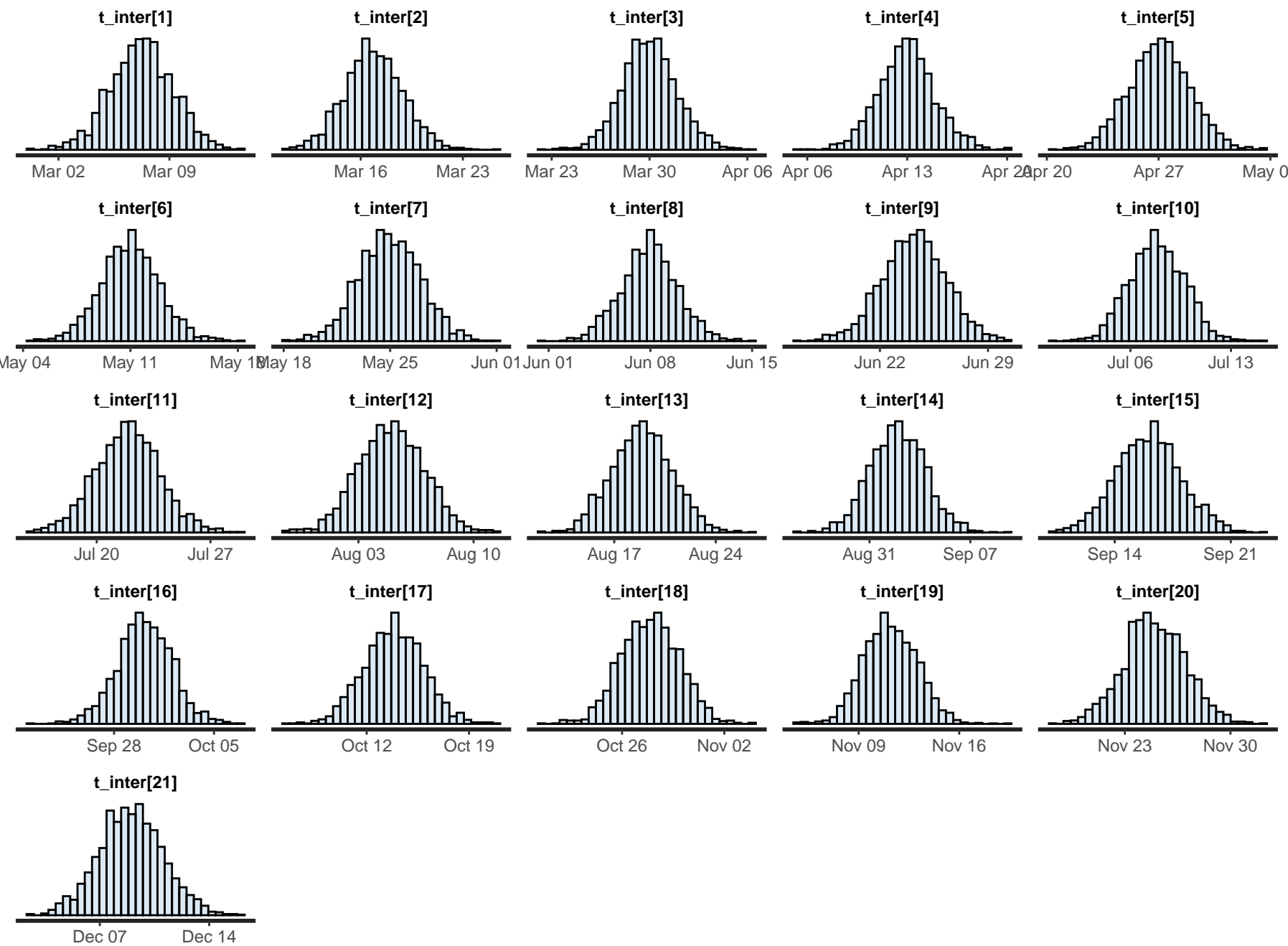


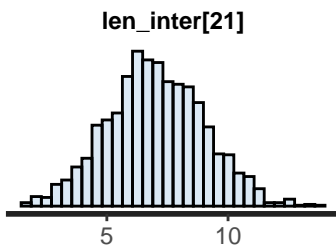
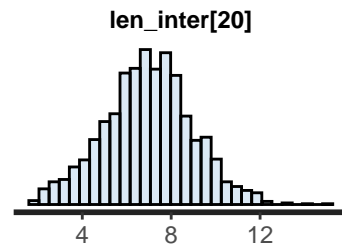
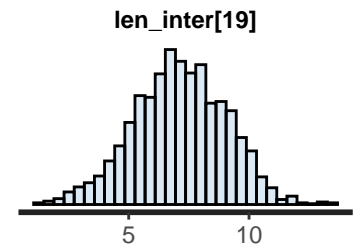
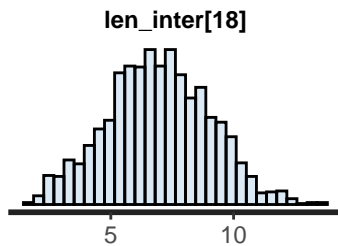
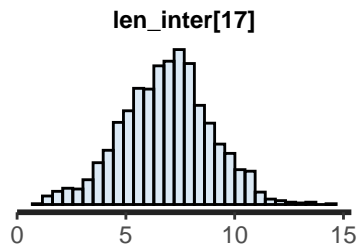
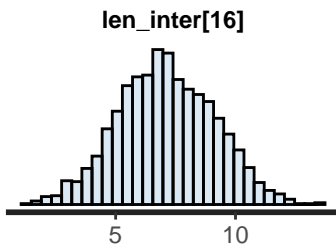
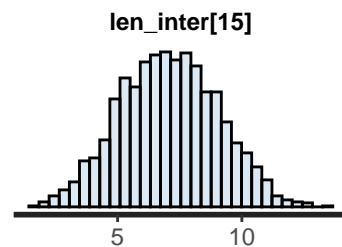
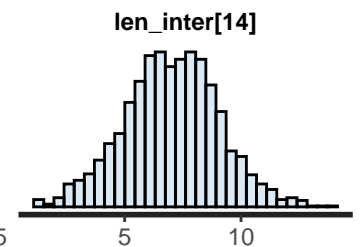
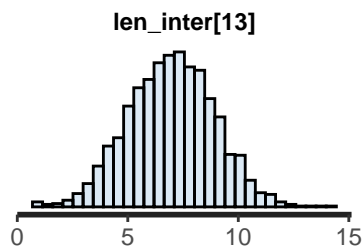
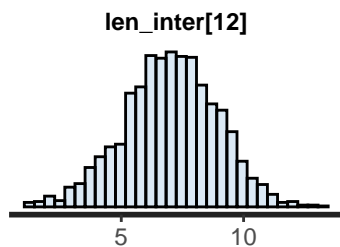
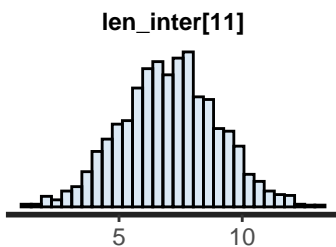
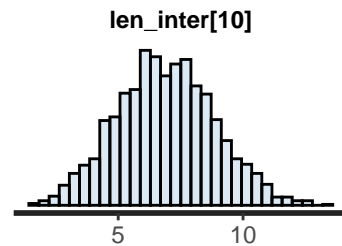
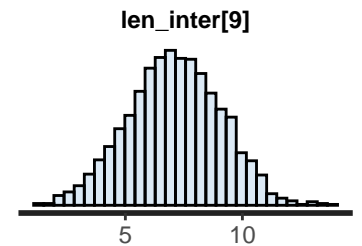
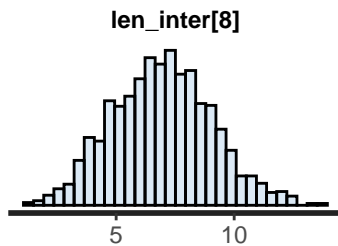
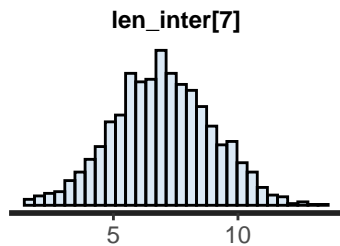
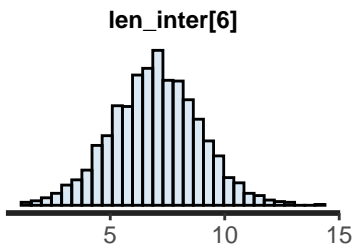
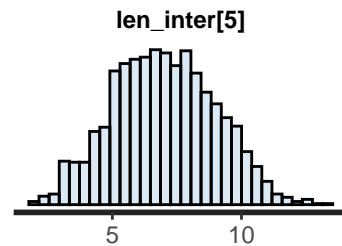
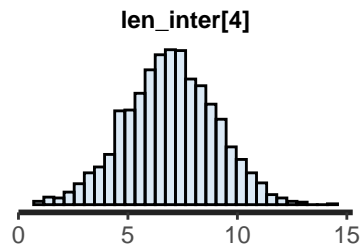
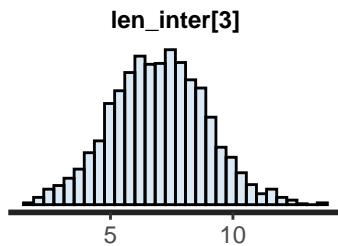
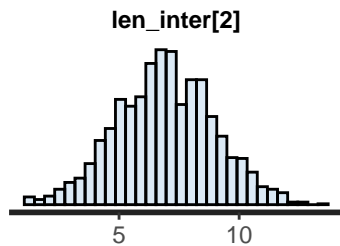
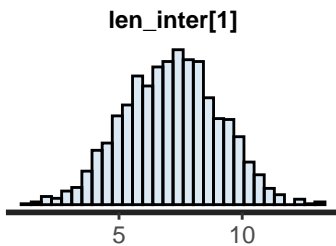




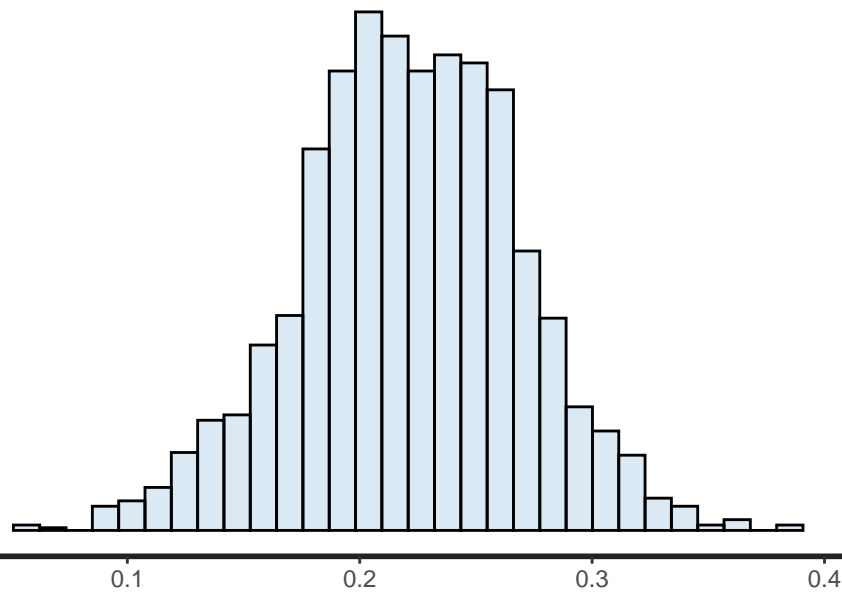


beta_multiplier[1]**beta_multiplier[2]****beta_multiplier[3]****beta_multiplier[4]****beta_multiplier[5]****beta_multiplier[6]****beta_multiplier[7]****beta_multiplier[8]****beta_multiplier[9]****beta_multiplier[10]****beta_multiplier[11]****beta_multiplier[12]****beta_multiplier[13]****beta_multiplier[14]****beta_multiplier[15]****beta_multiplier[16]****beta_multiplier[17]****beta_multiplier[18]****beta_multiplier[19]****beta_multiplier[20]****beta_multiplier[21]**

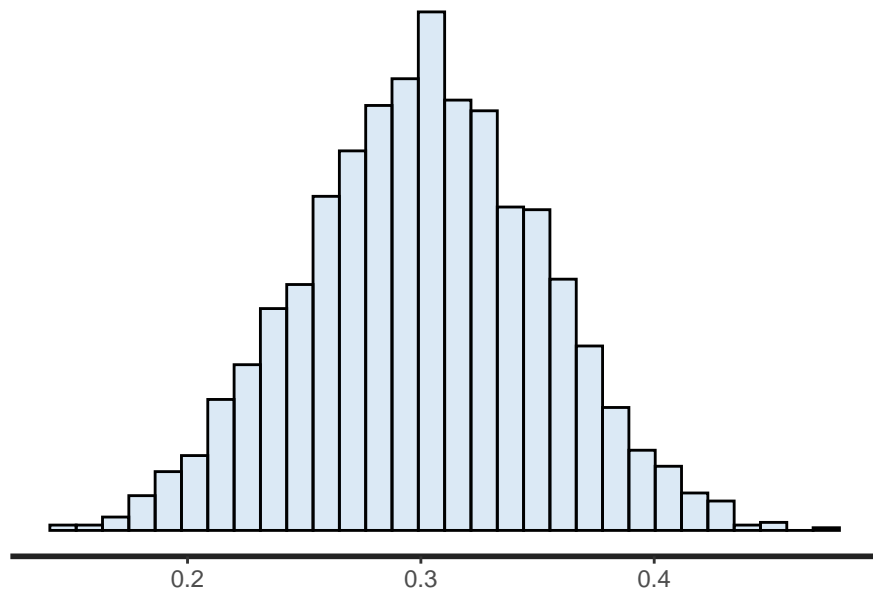




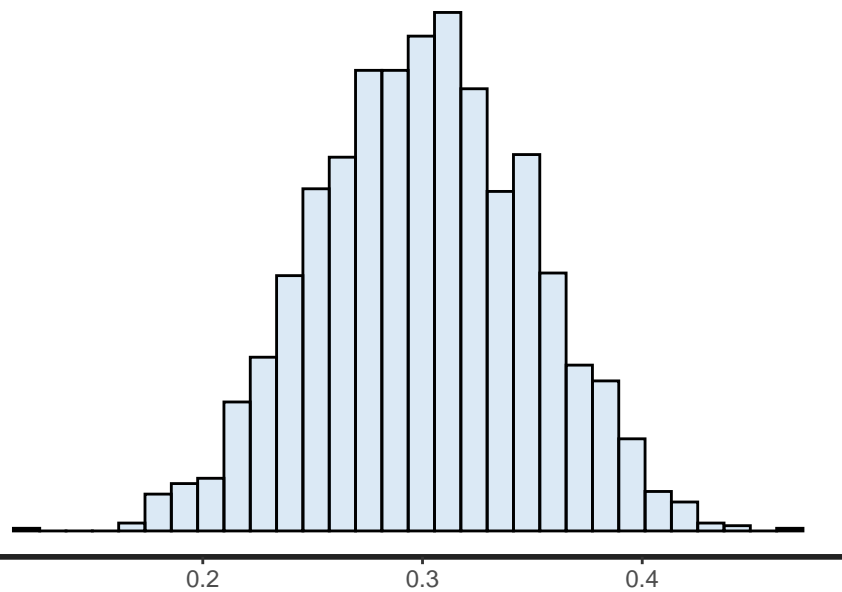
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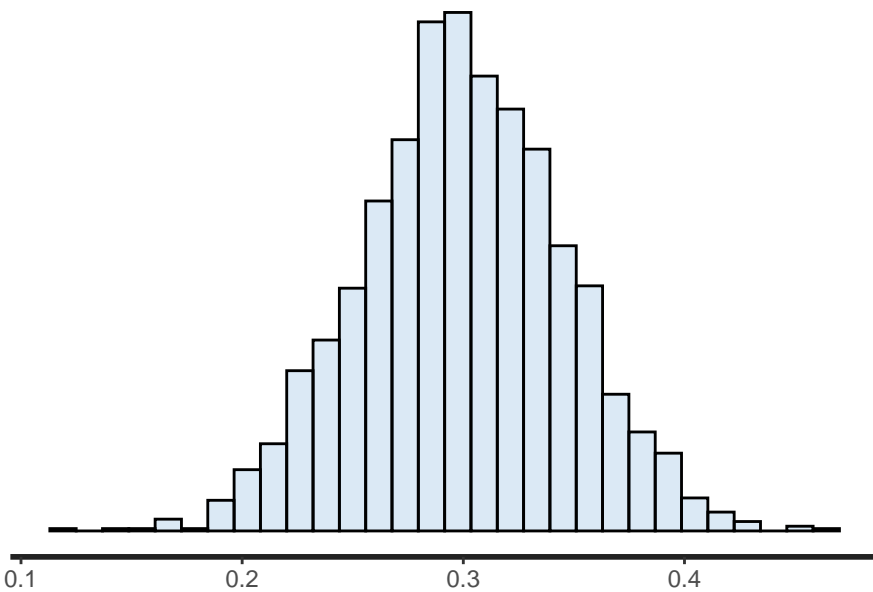
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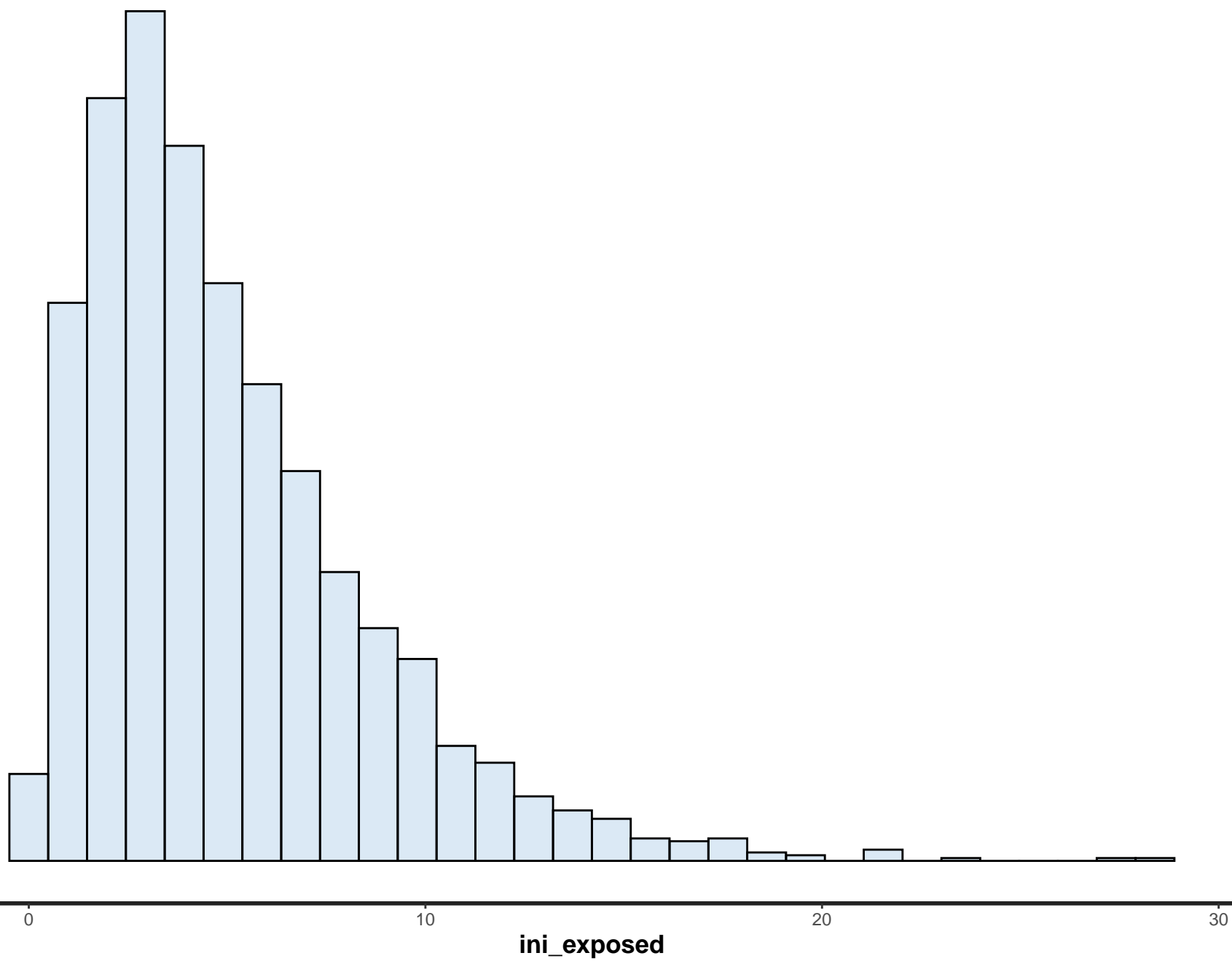


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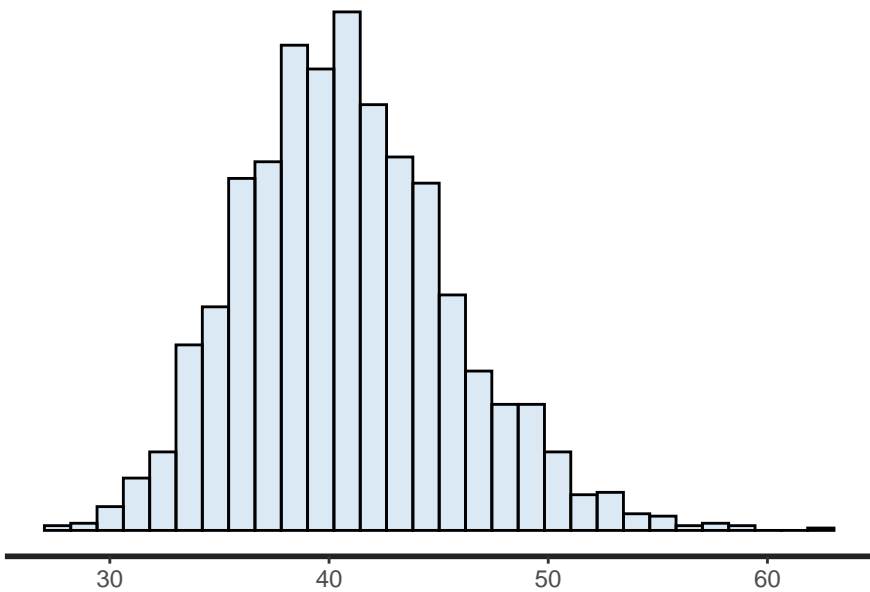


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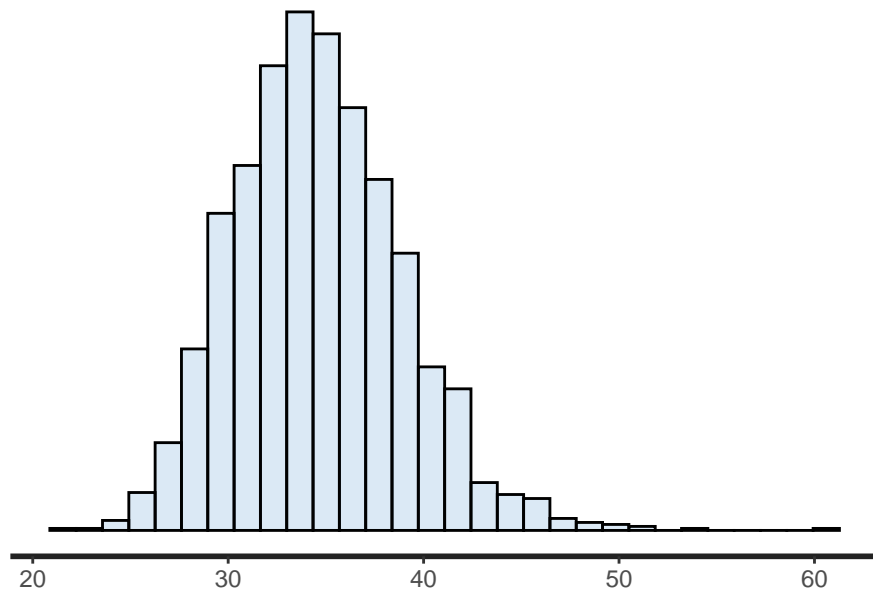




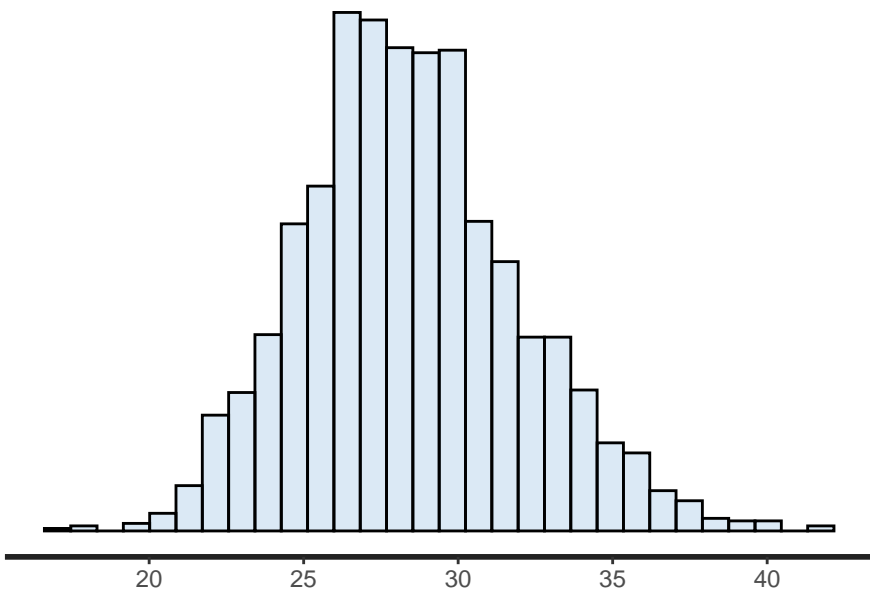
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sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

