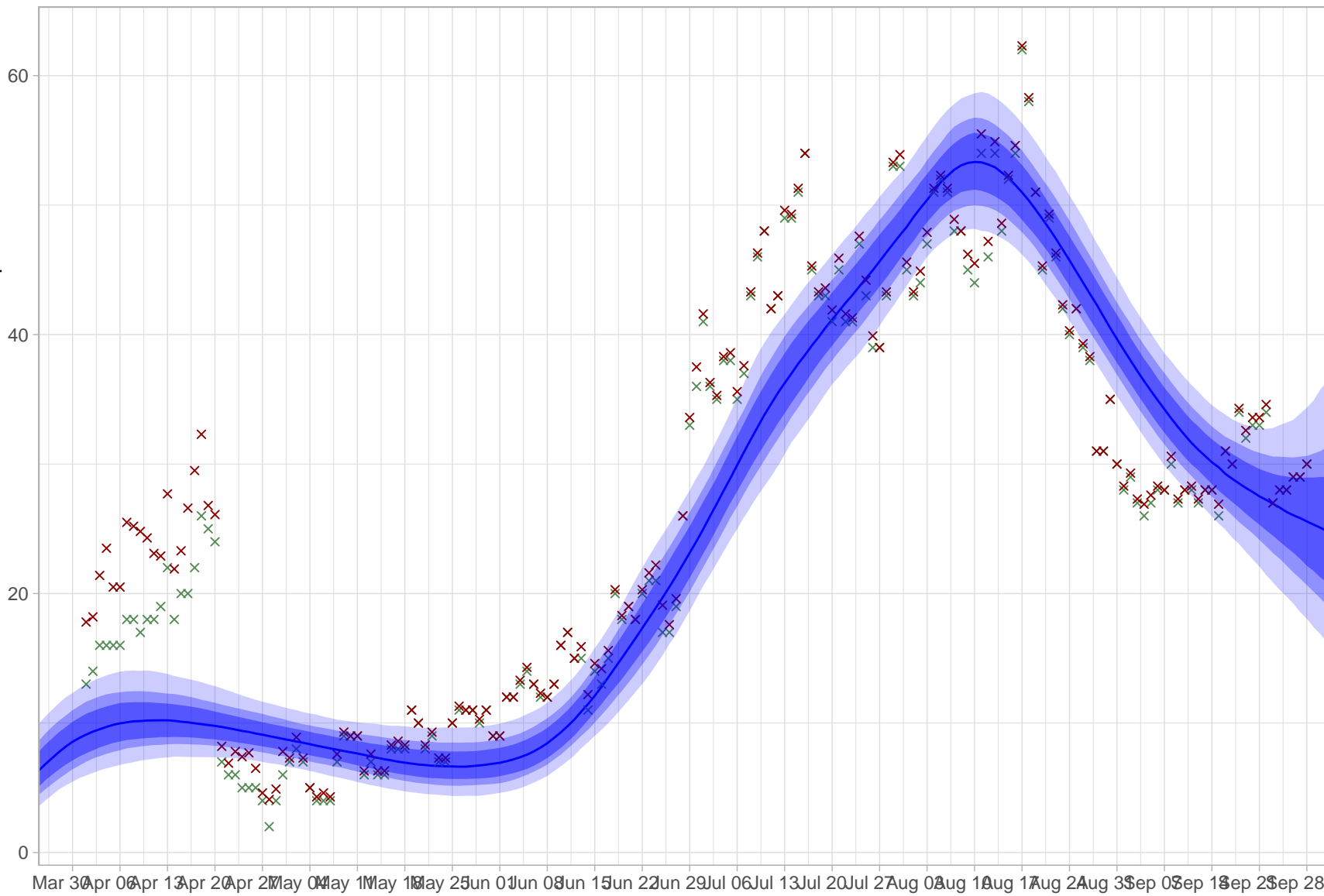


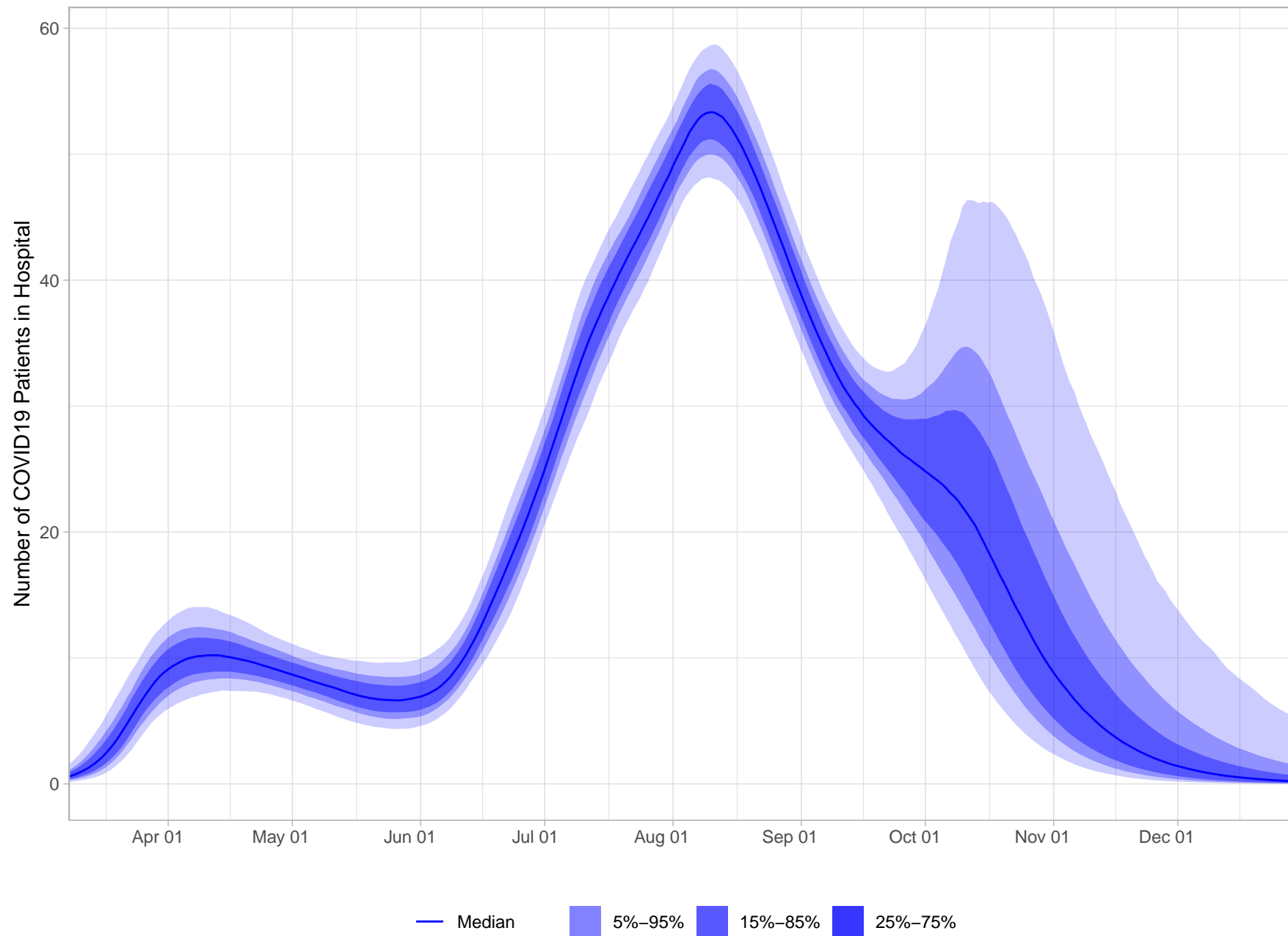
Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital

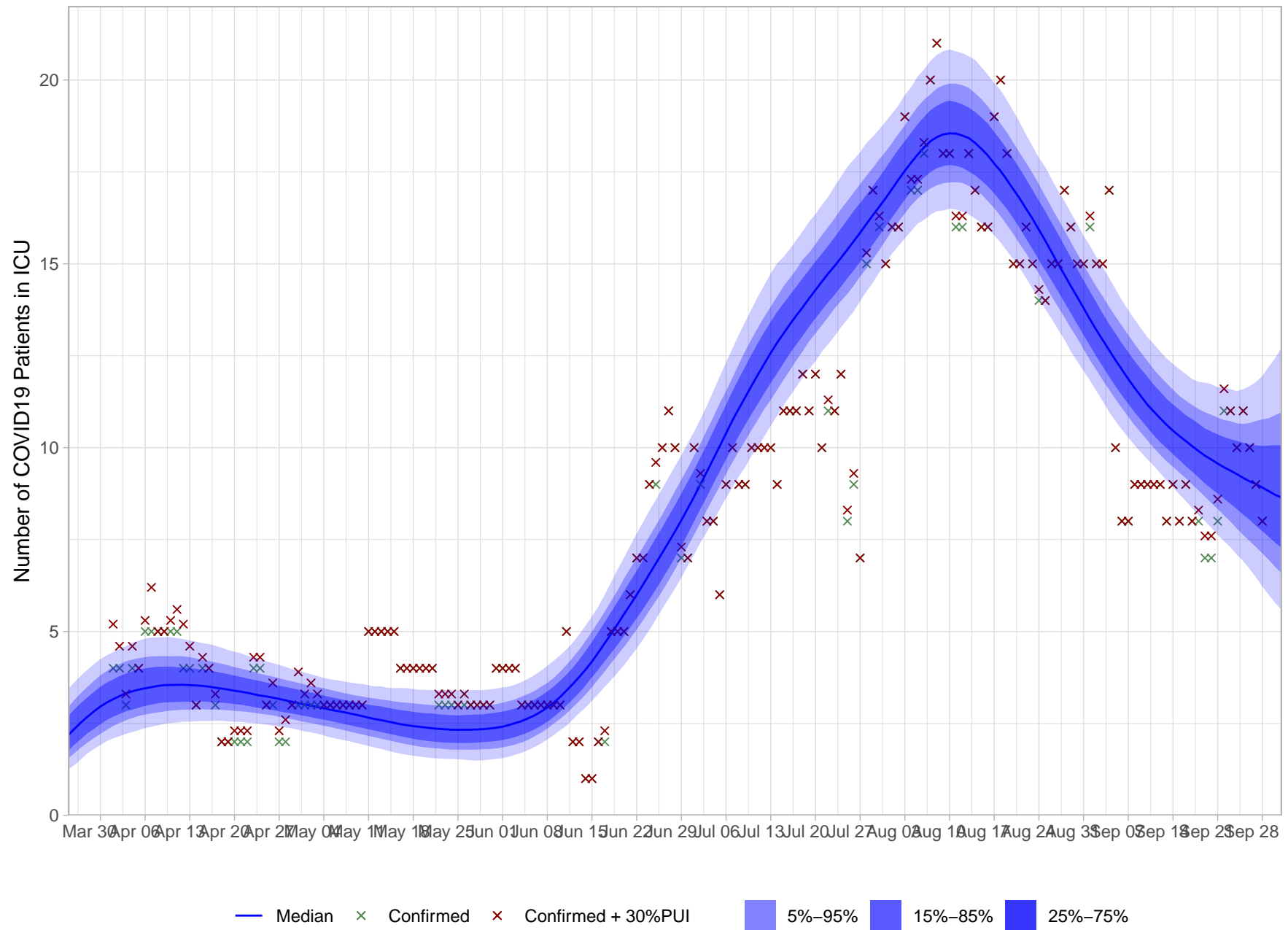


Median × Confirmed × Confirmed + 30%PUI 5%-95% 15%-85% 25%-75%

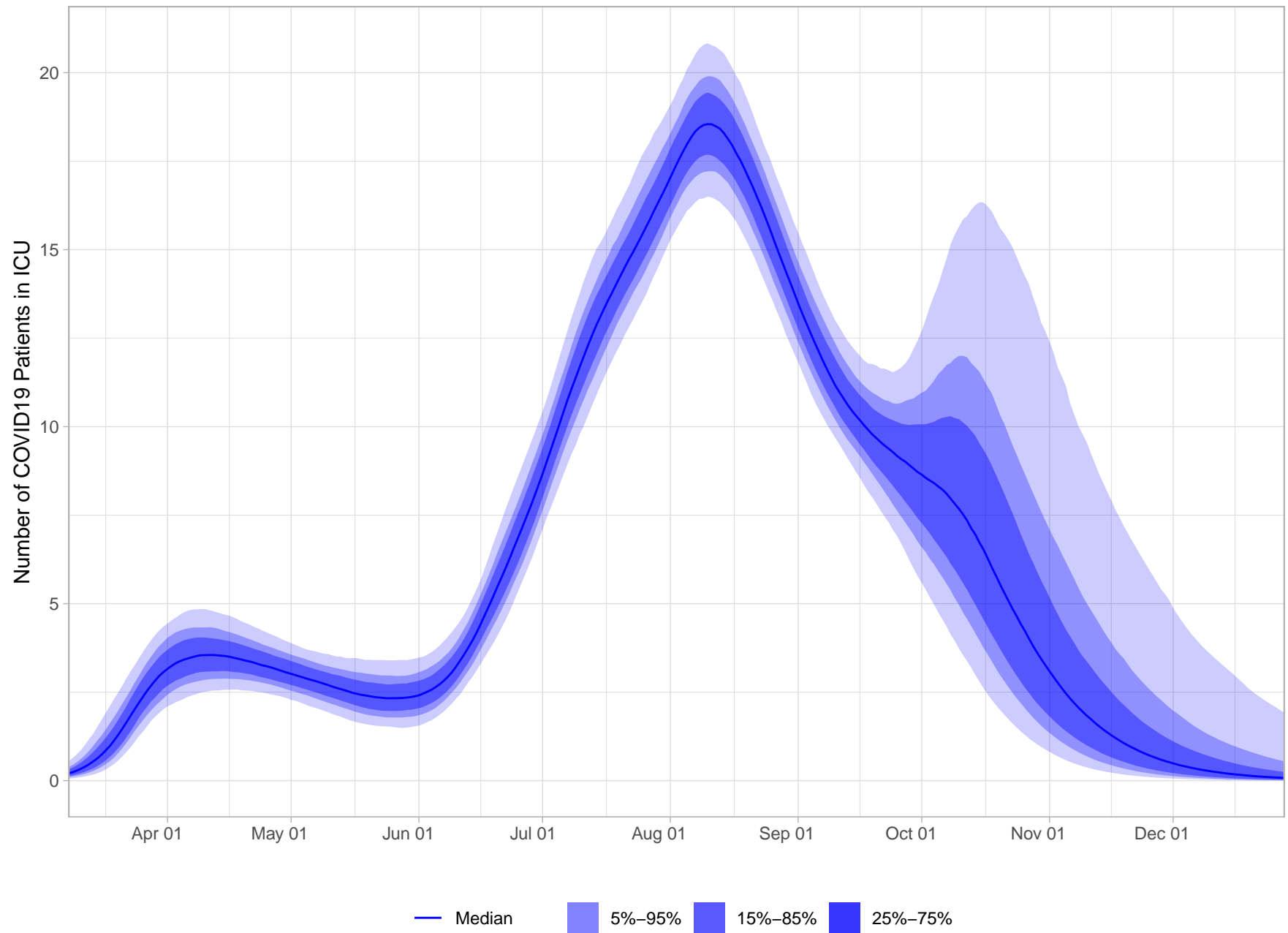
Long Term Hospitalization Projection



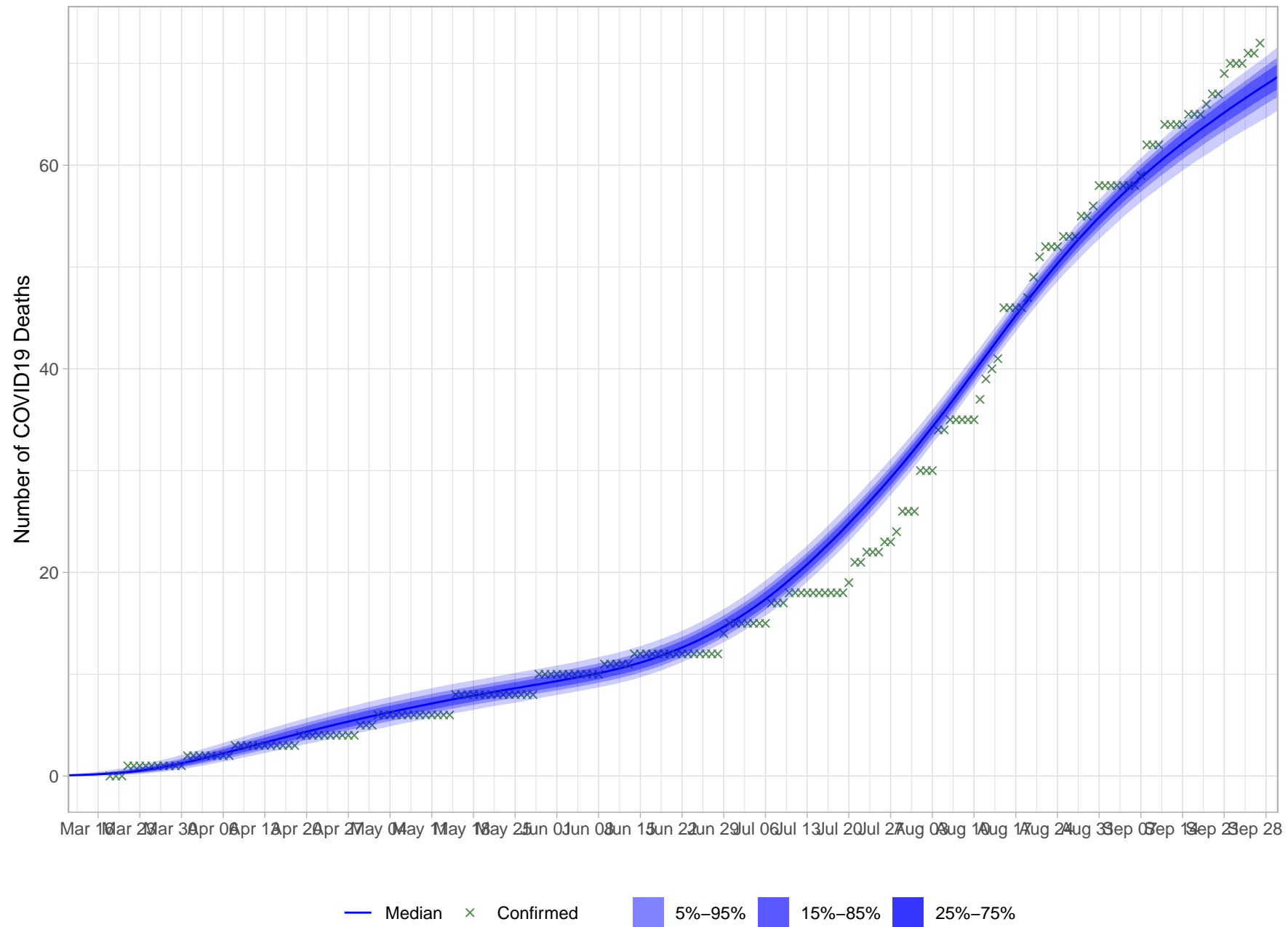
Short Term ICU Projection



Long Term ICU Projection

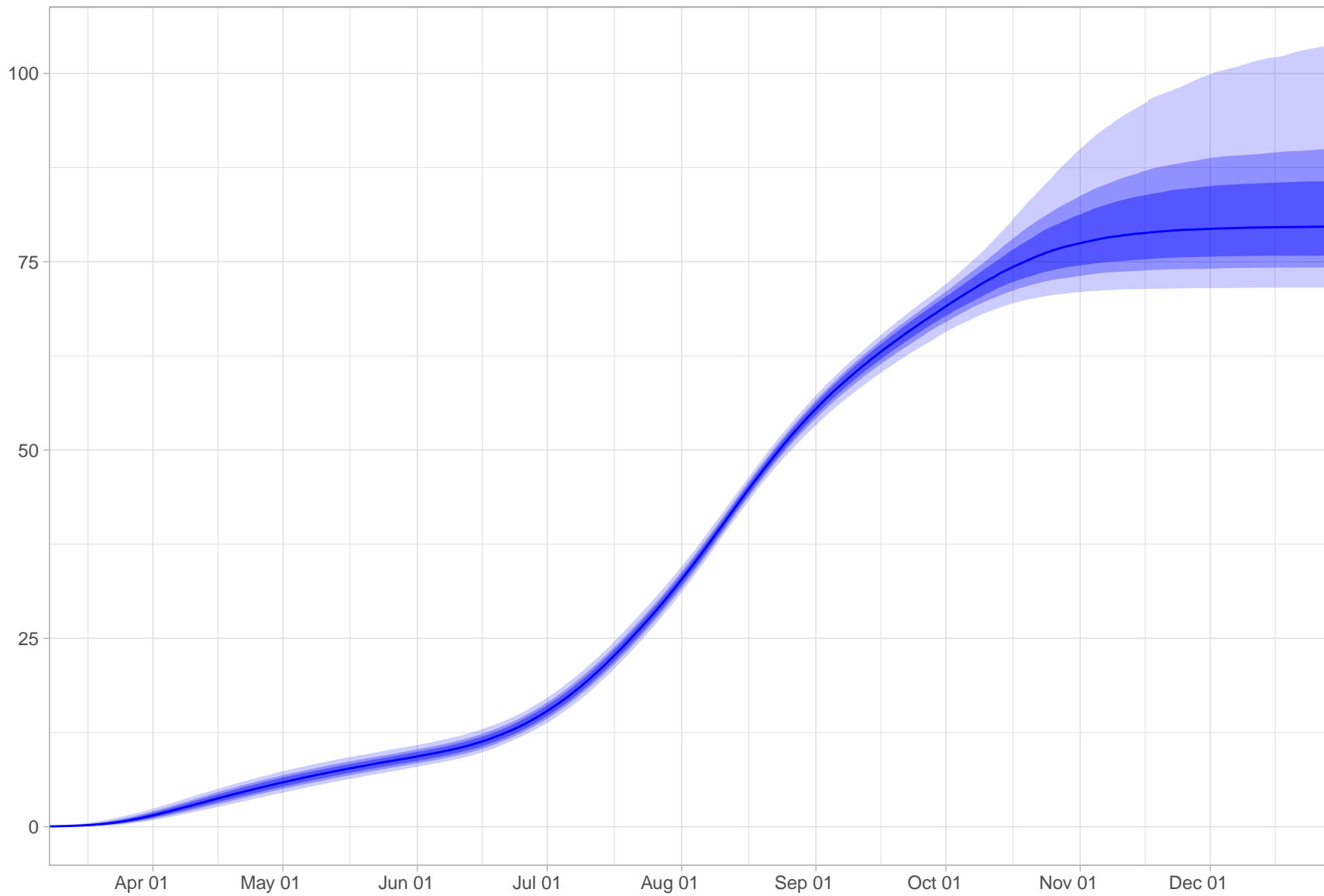


Short Term Death Projection



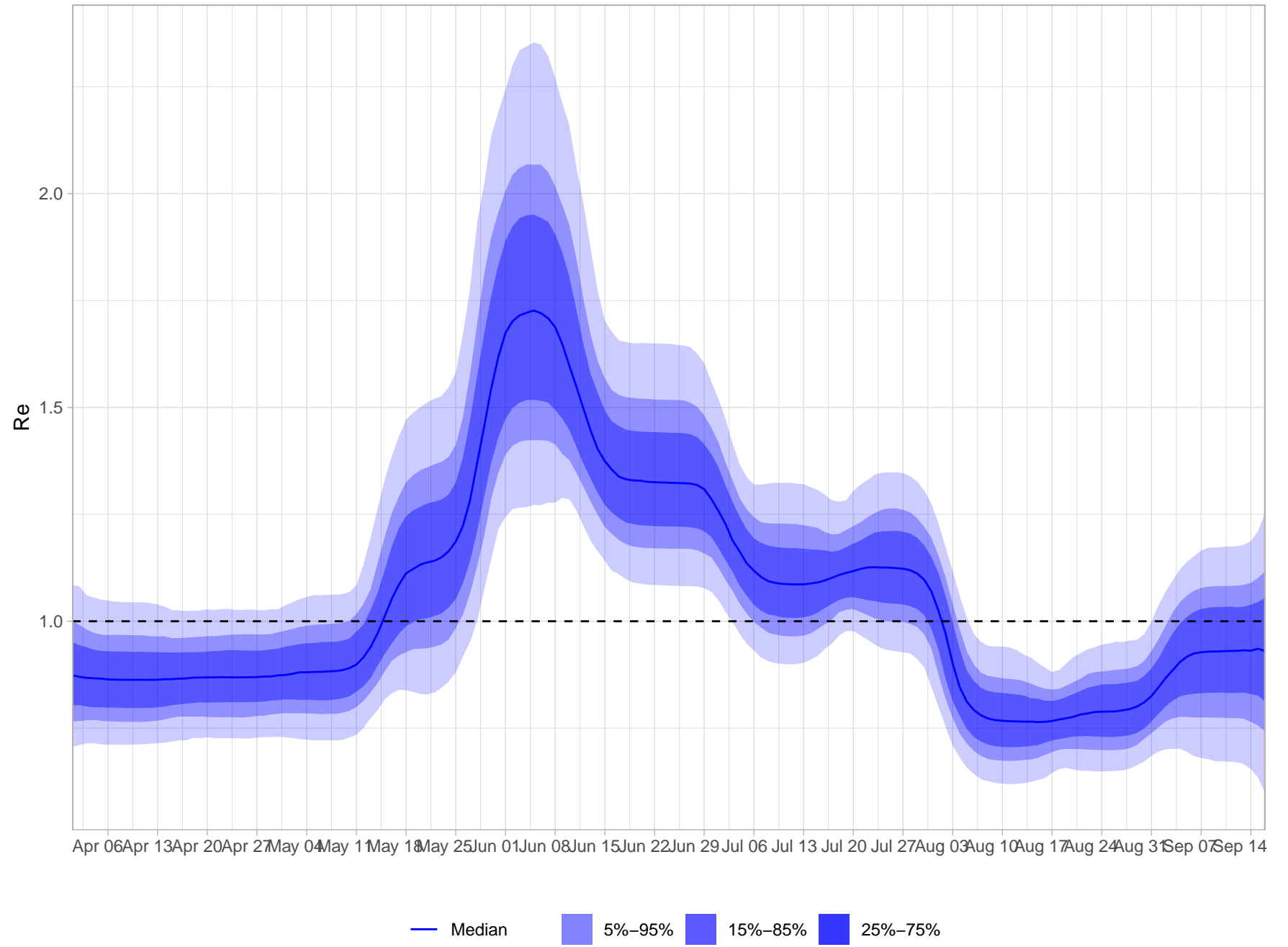
Long Term Death Projection

Number of COVID19 Deaths



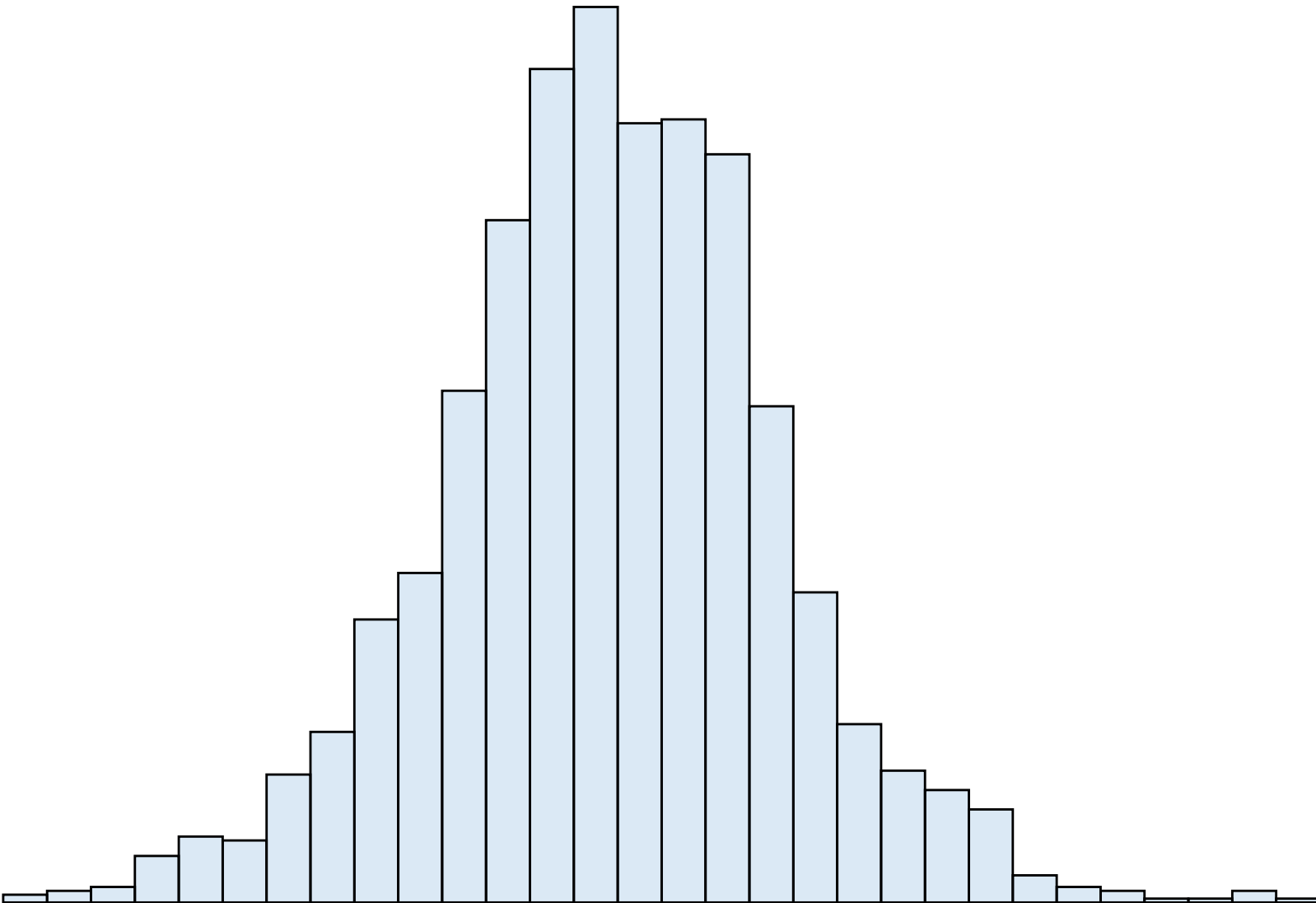
— Median 5%-95% 15%-85% 25%-75%

Effective Reproduction Number



Rt as of 2020-09-16

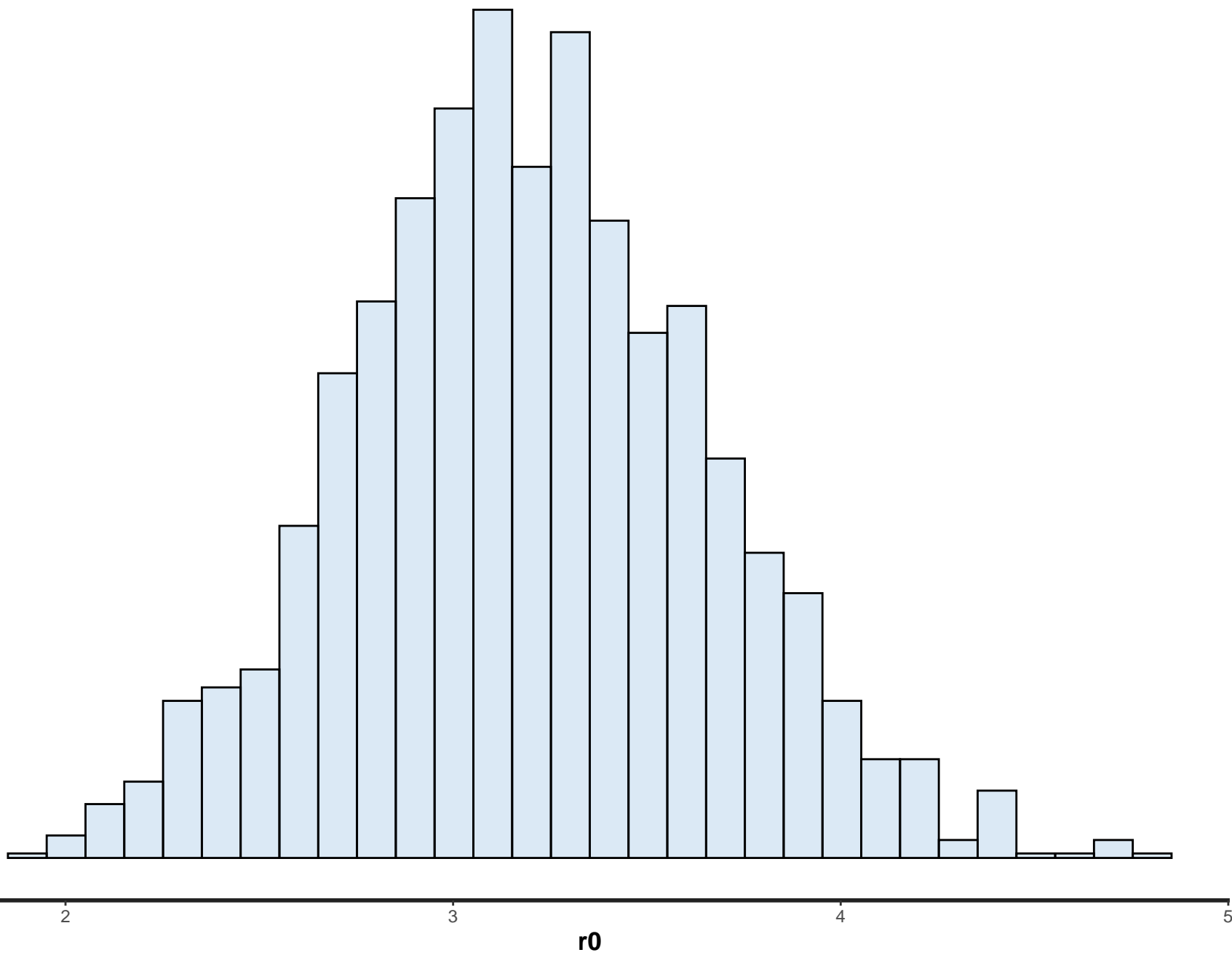
5% 10% 25% 50% 75% 90% 95%
0.60 0.68 0.81 0.93 1.05 1.17 1.25



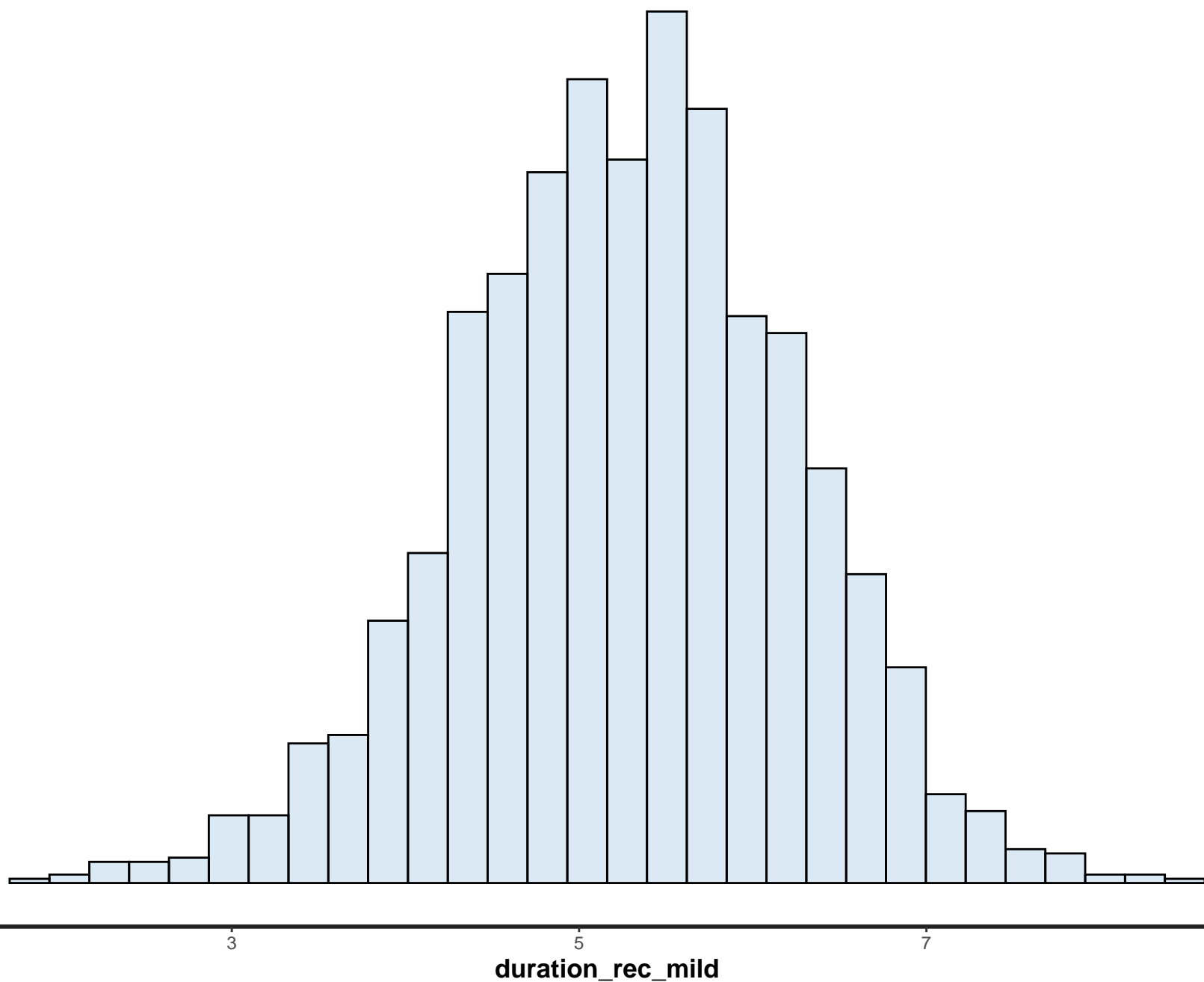
0.5

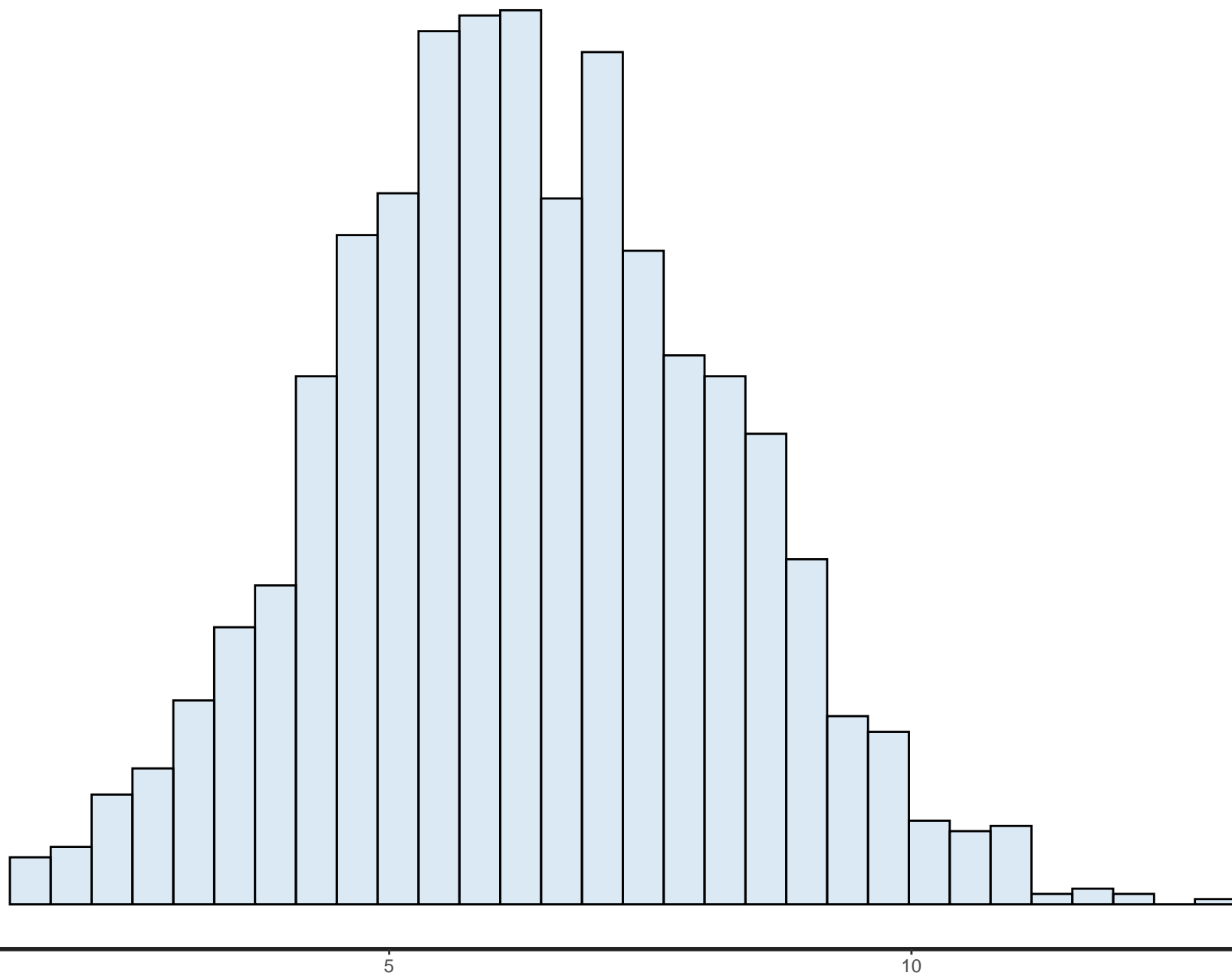
1.0

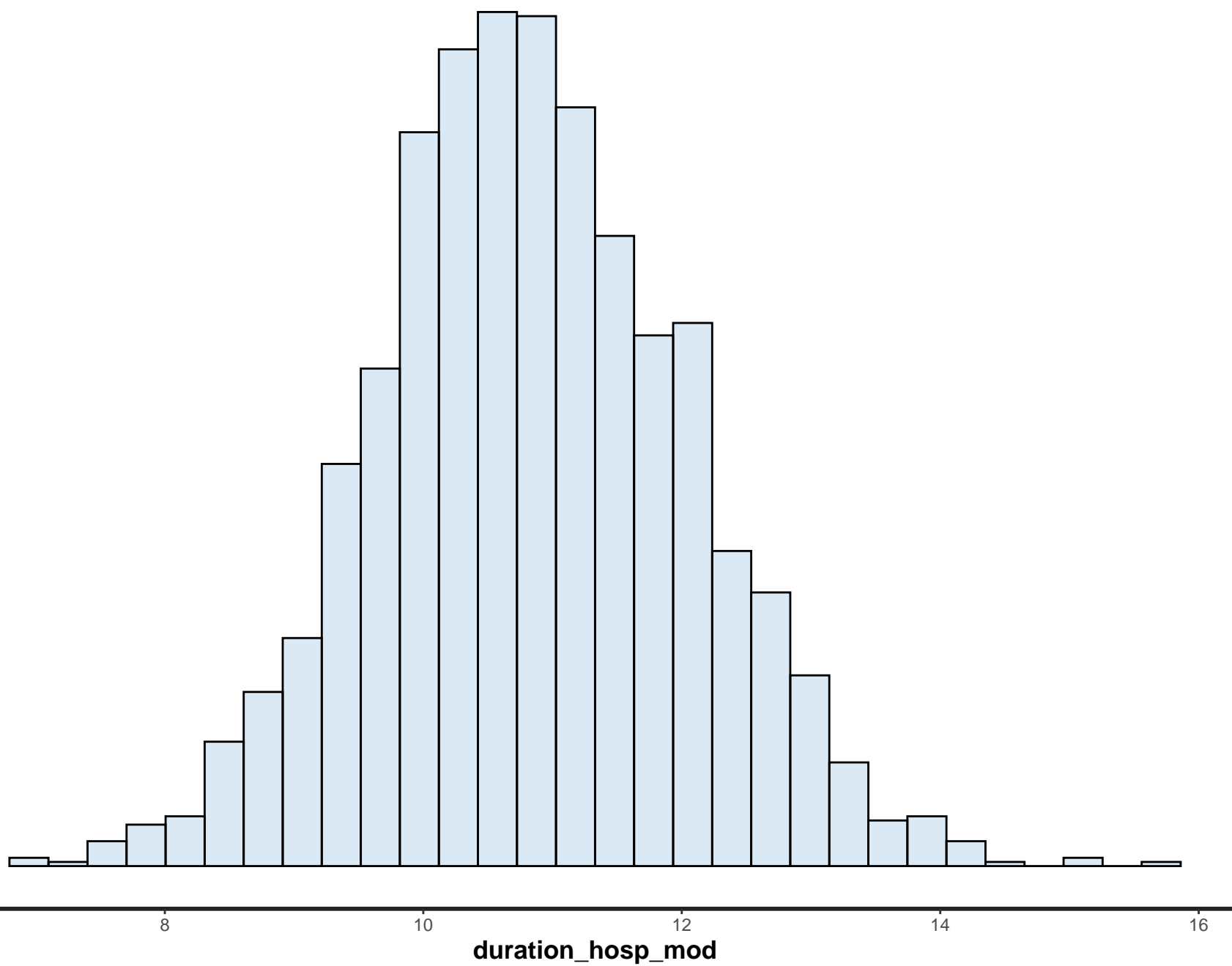
1.5

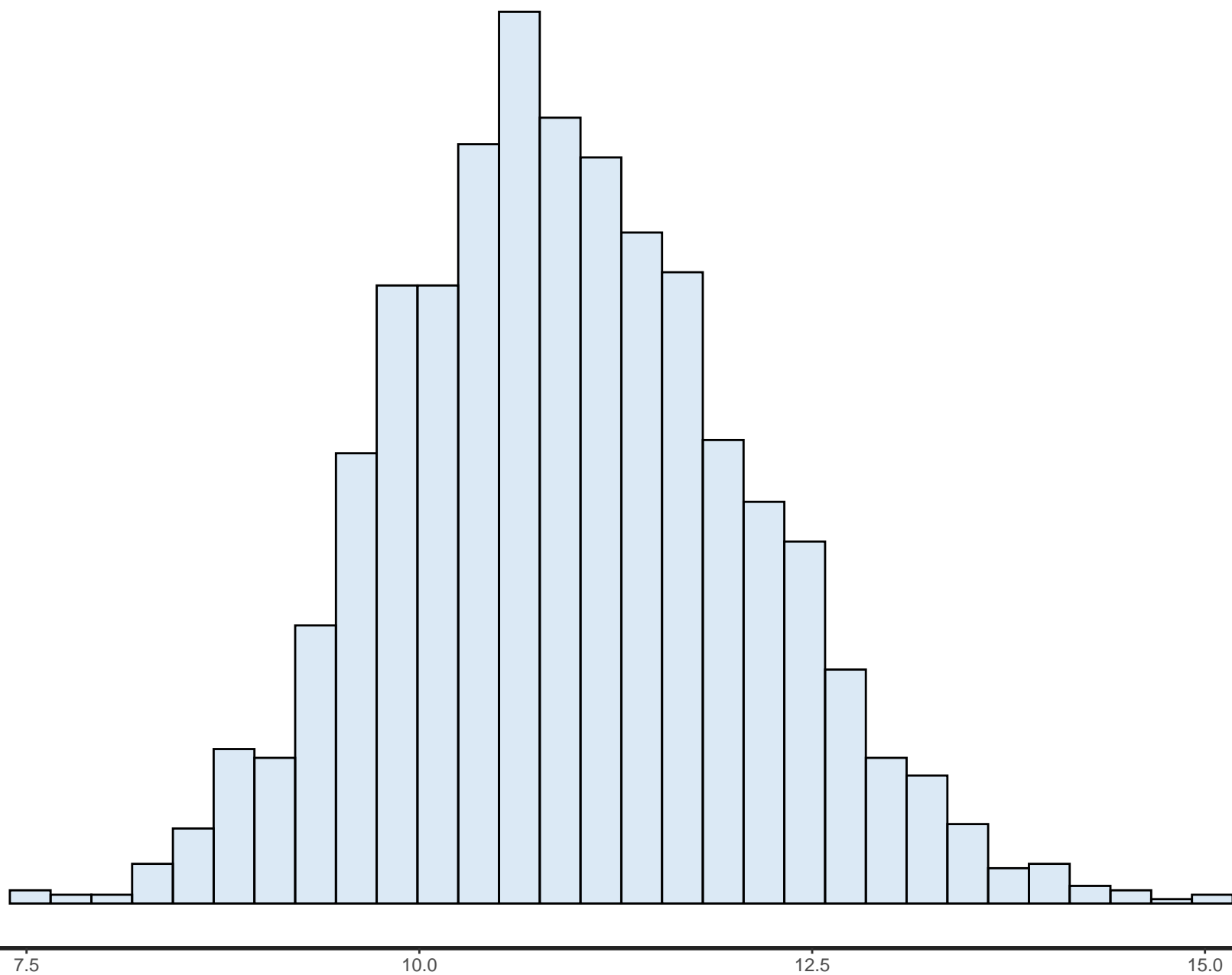


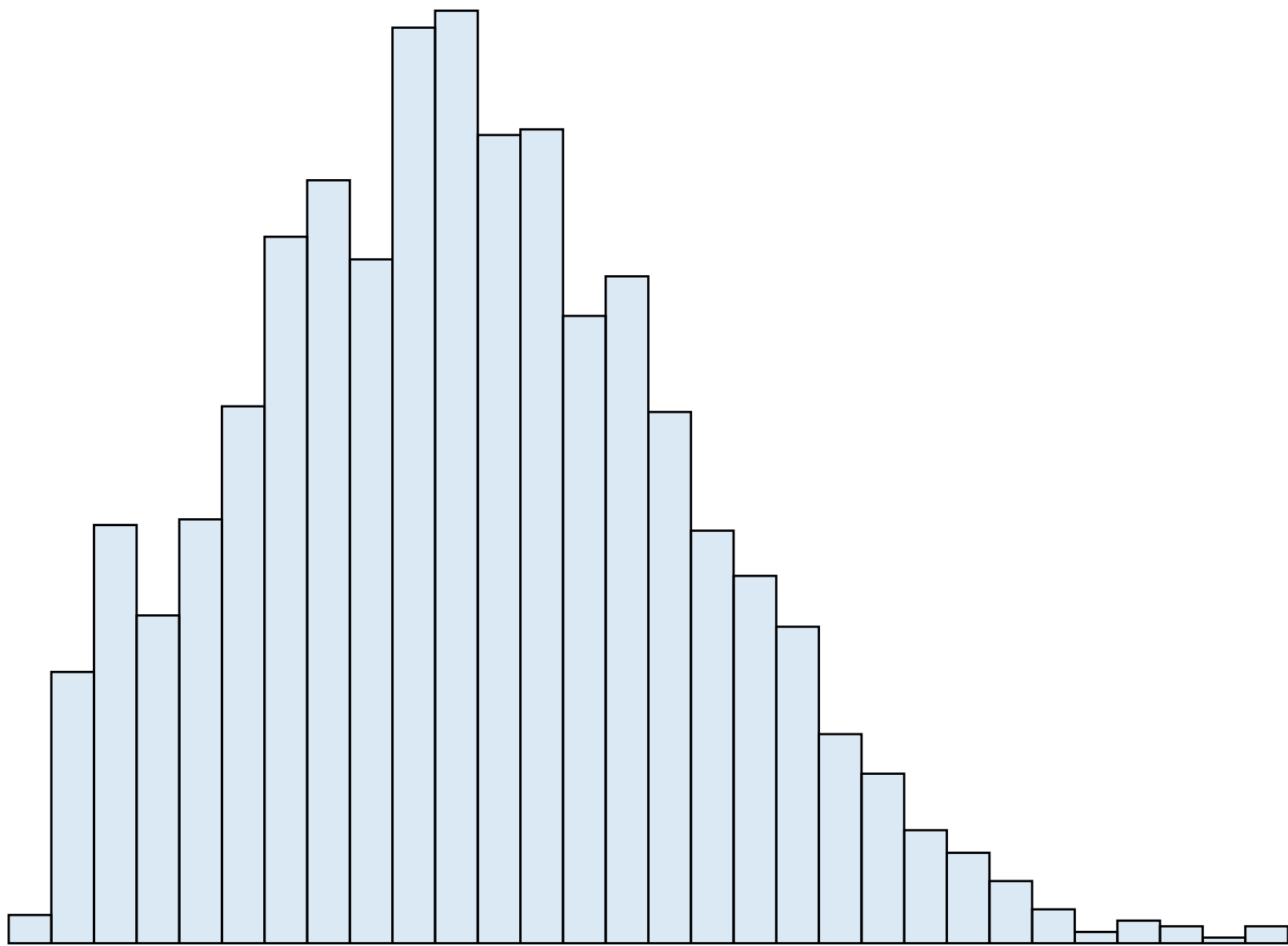












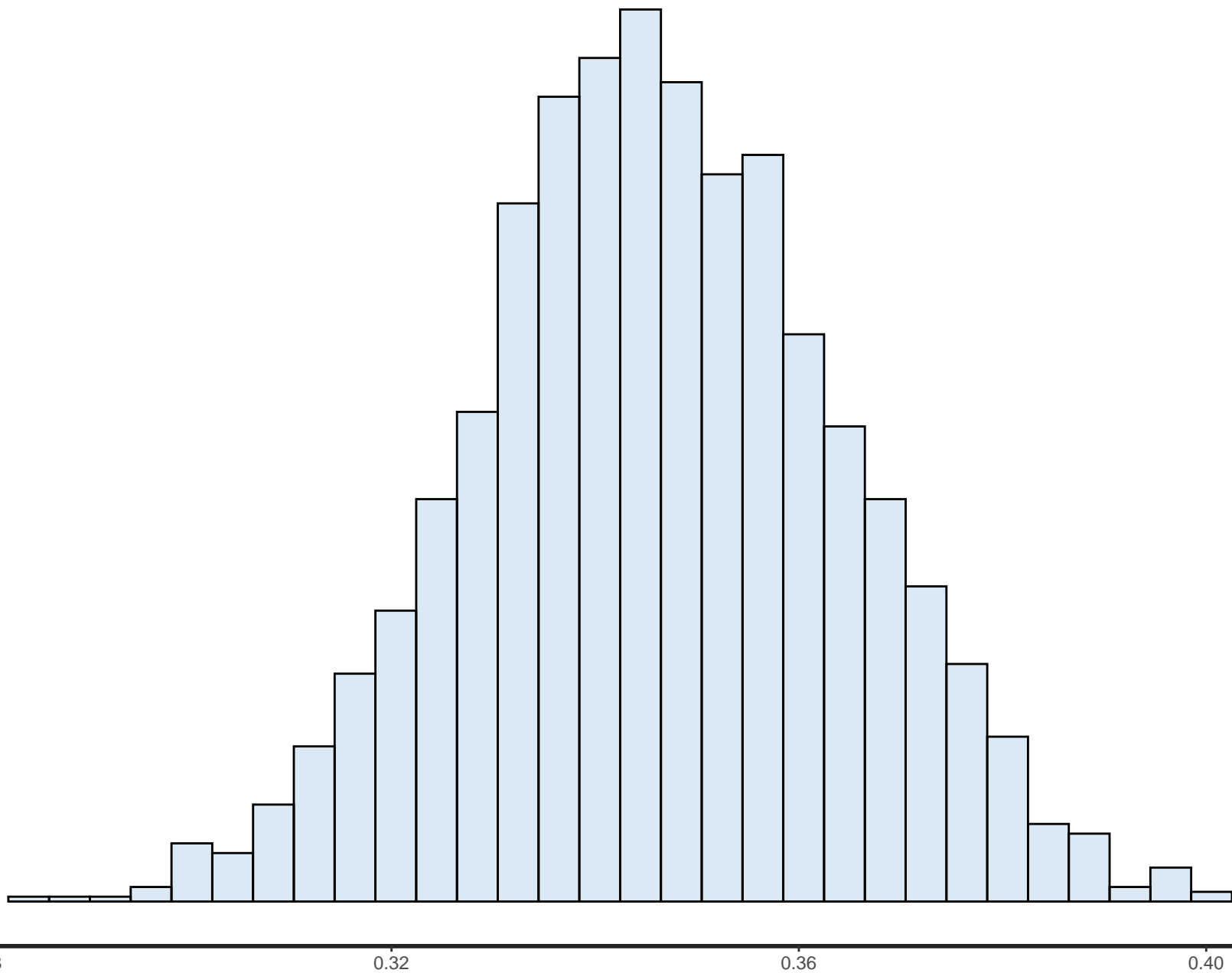
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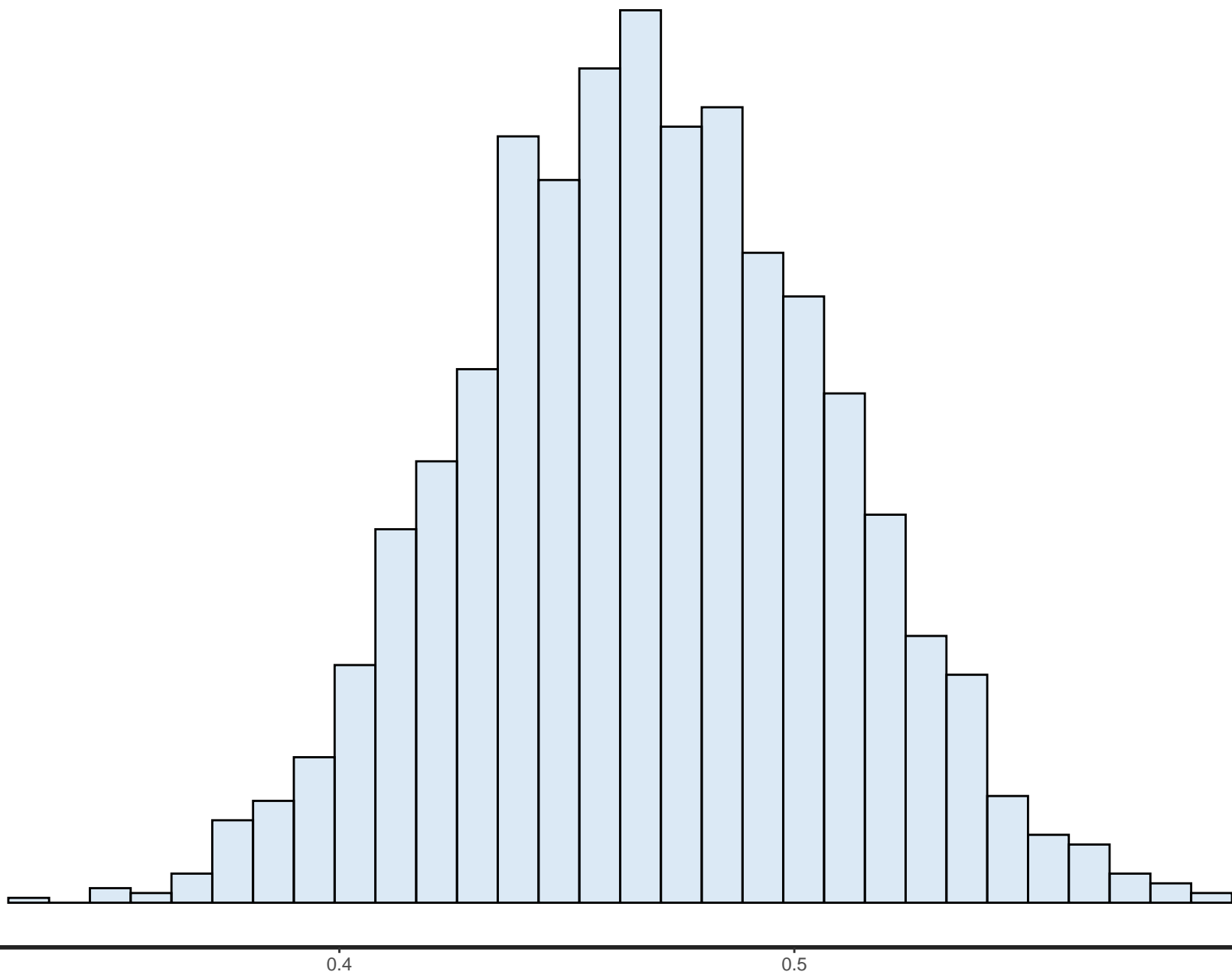
0.03

0.06

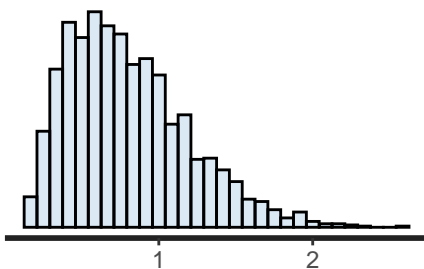
0.09

`frac_hosp`

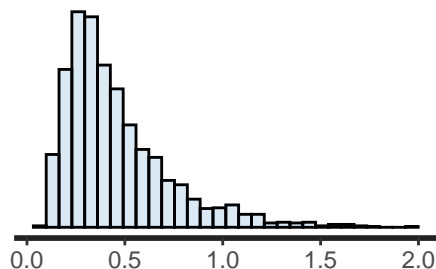




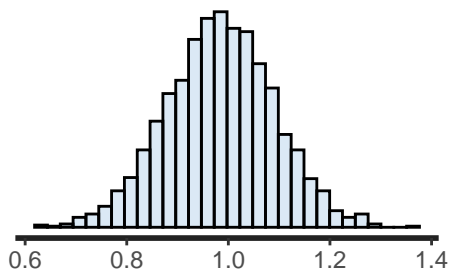
beta_multiplier[1]



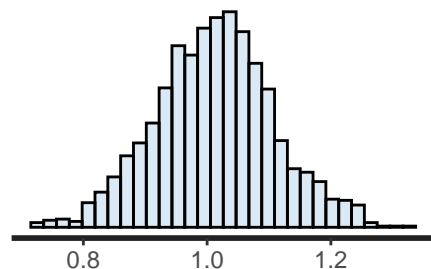
beta_multiplier[2]



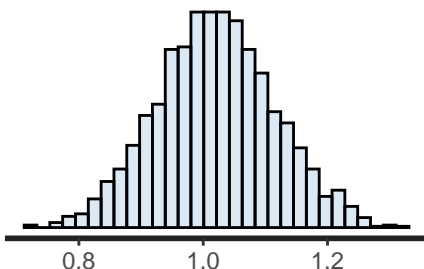
beta_multiplier[3]



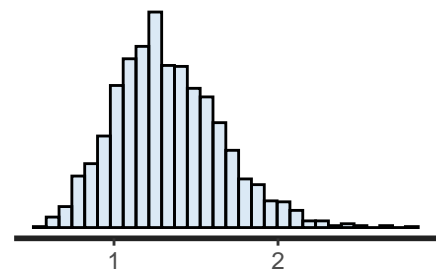
beta_multiplier[4]



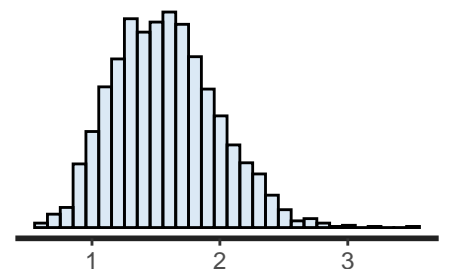
beta_multiplier[5]



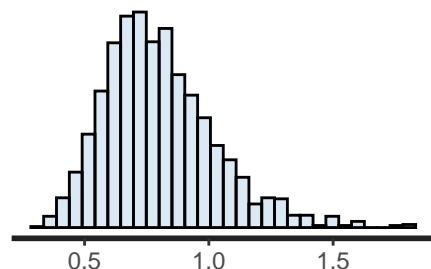
beta_multiplier[6]



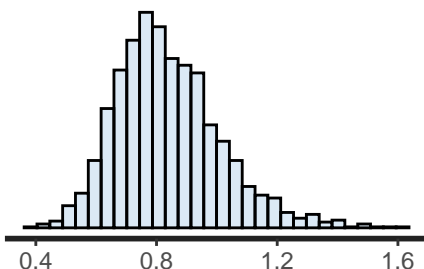
beta_multiplier[7]



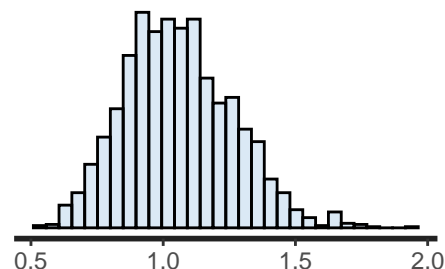
beta_multiplier[8]



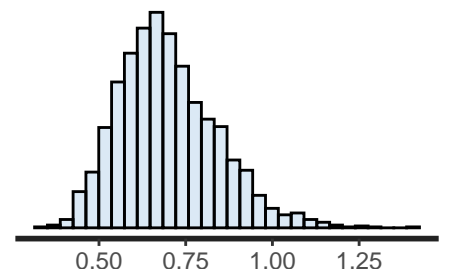
beta_multiplier[9]



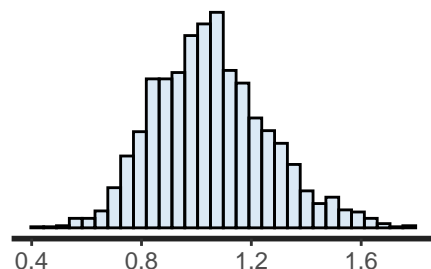
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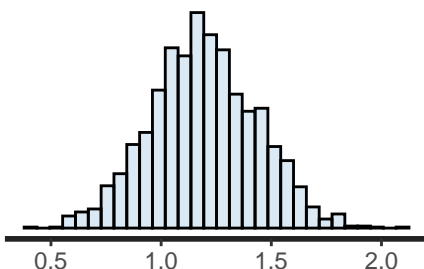
beta_multiplier[11]



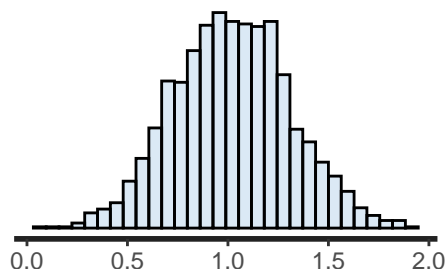
beta_multiplier[12]



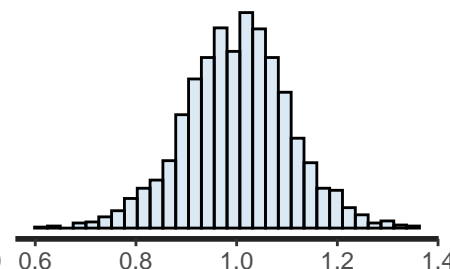
beta_multiplier[13]



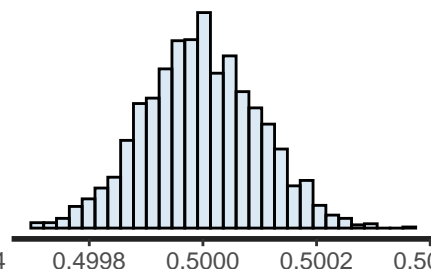
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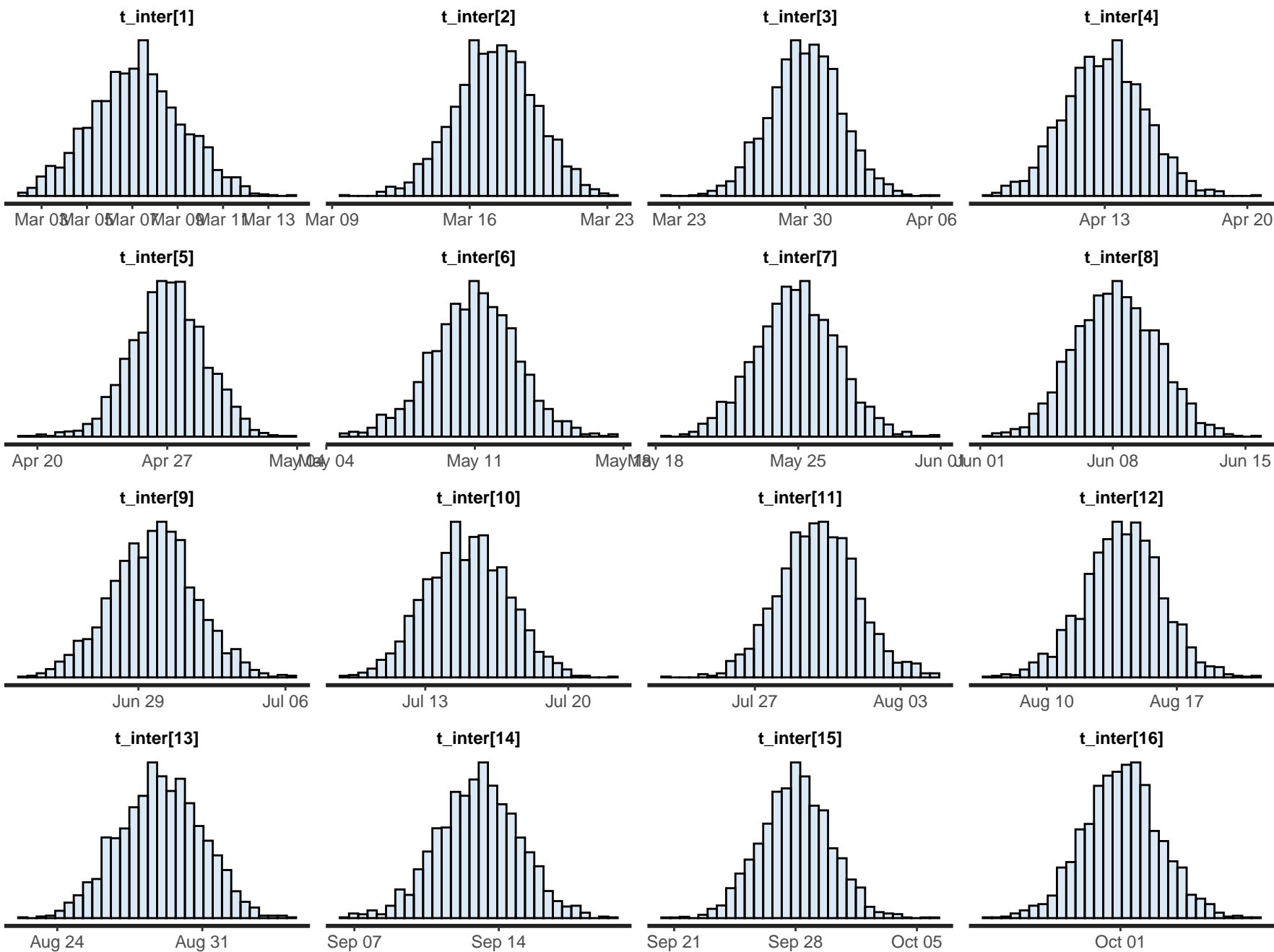


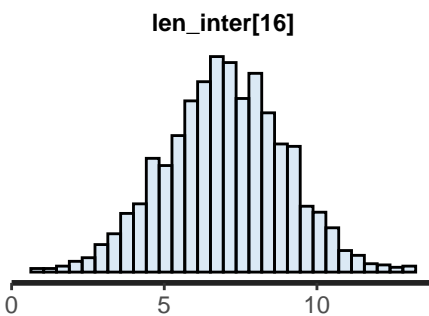
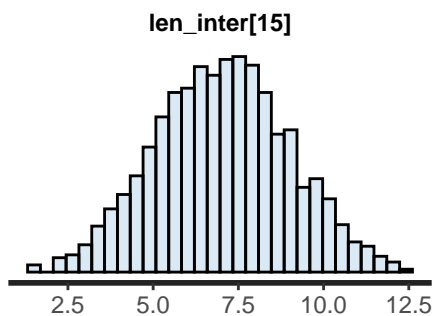
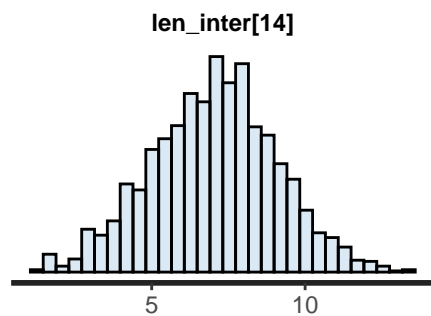
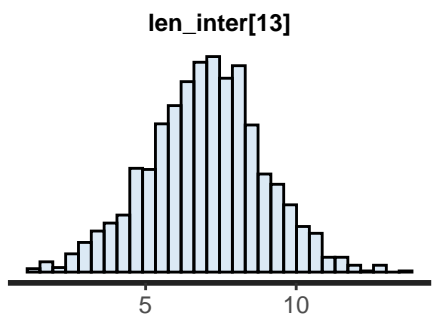
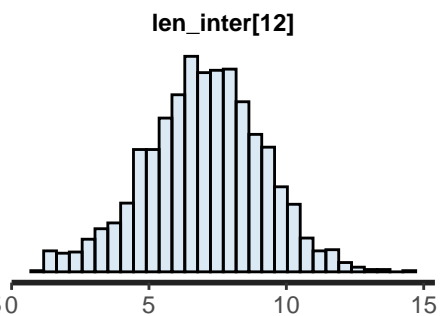
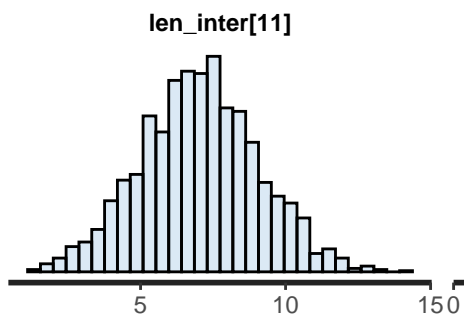
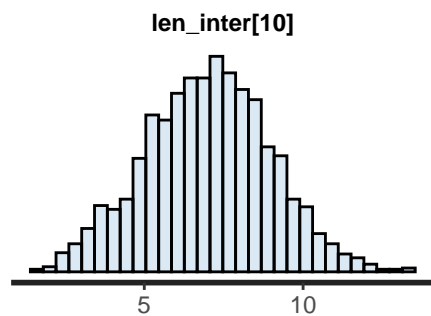
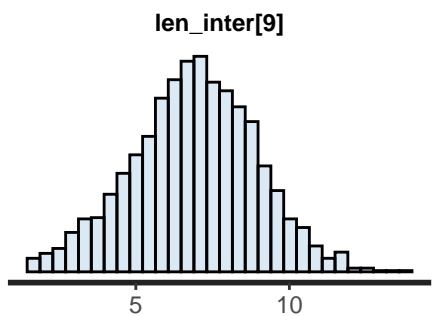
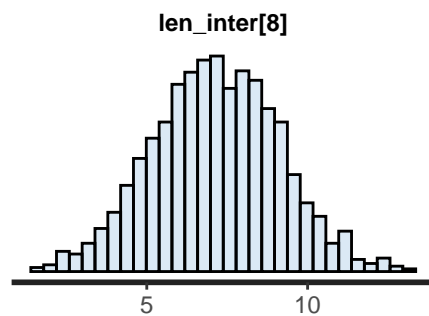
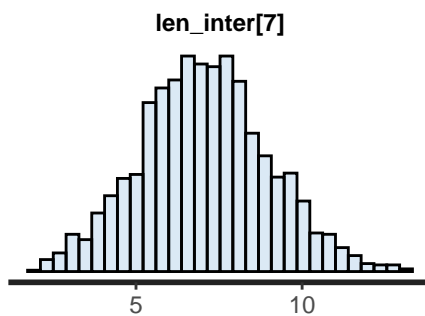
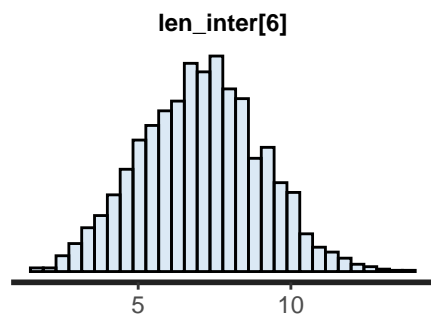
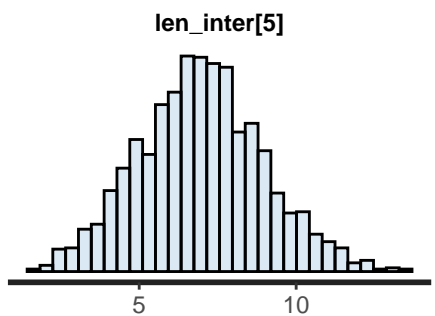
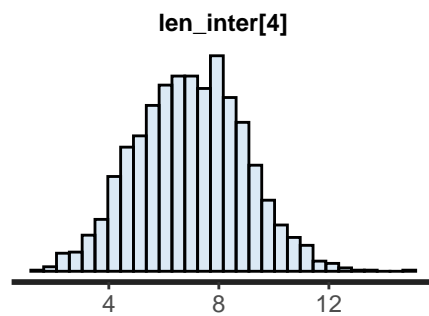
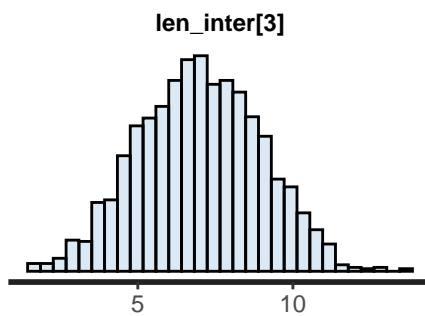
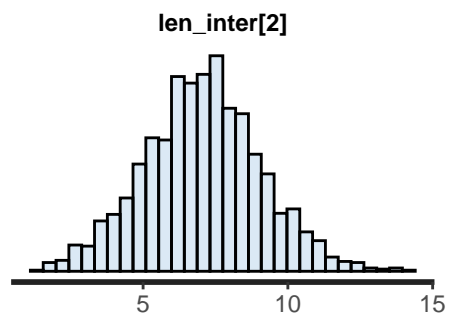
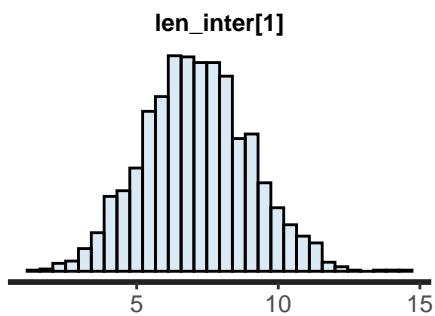
beta_multiplier[15]



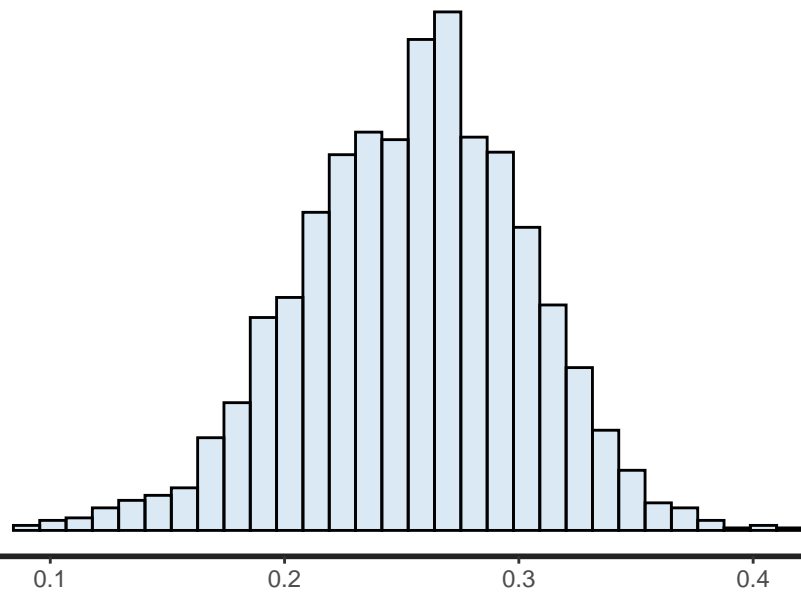
beta_multiplier[16]



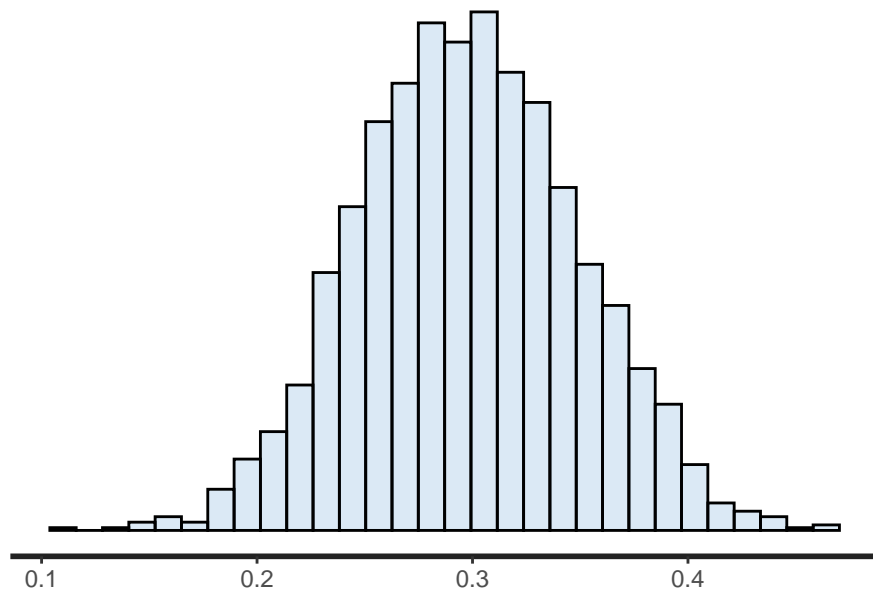




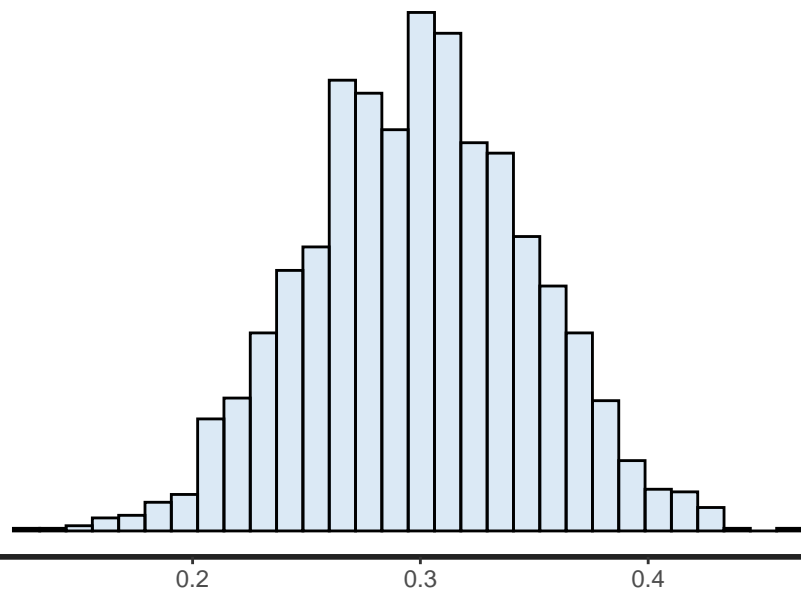
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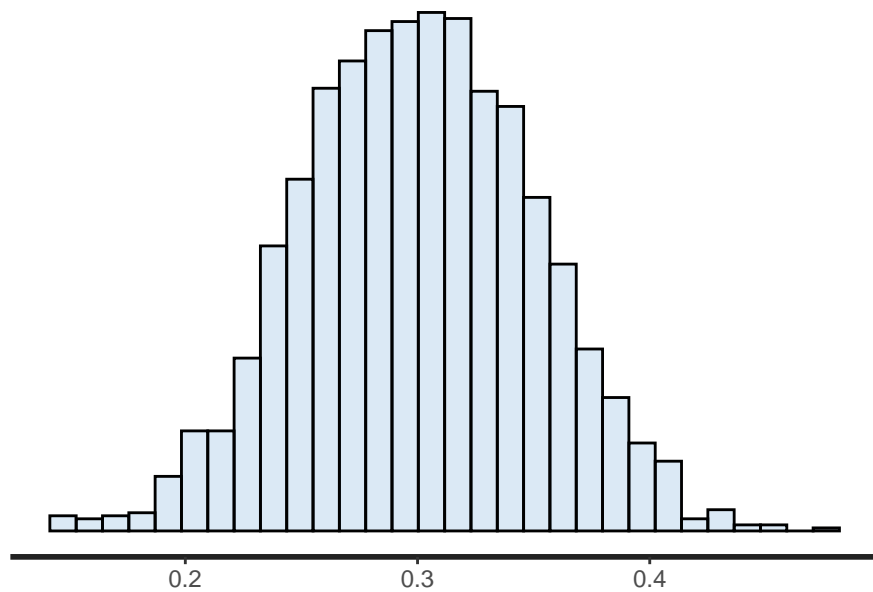
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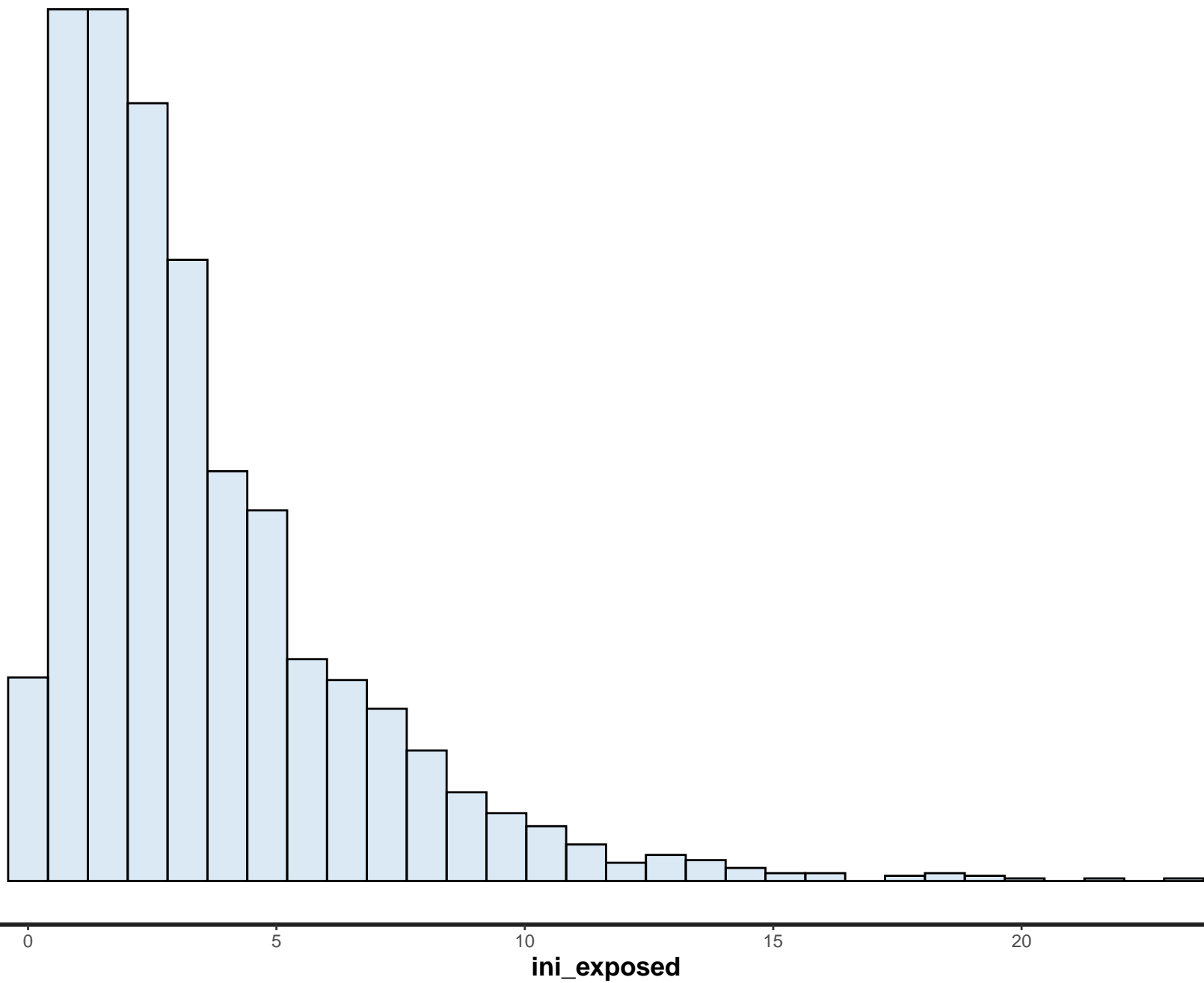


frac_PUI[3]

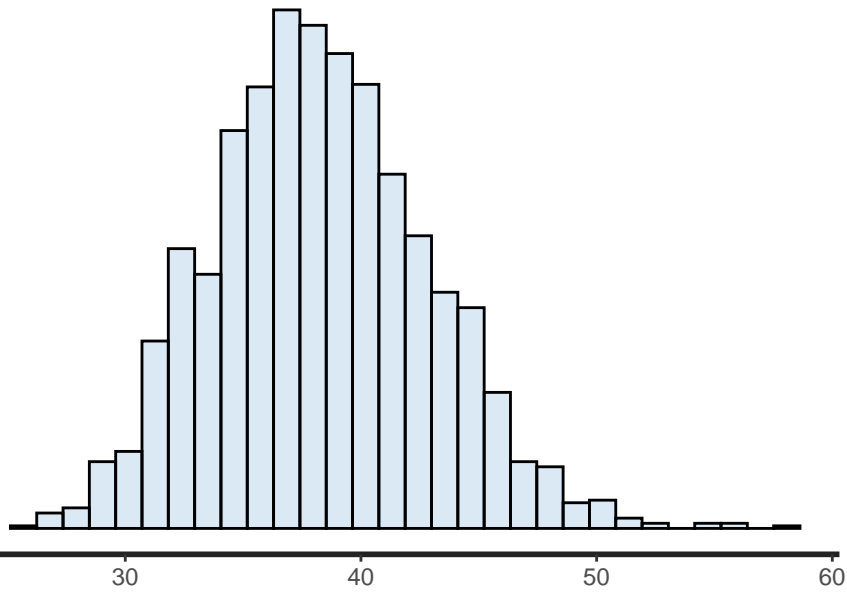


frac_PUI[4]

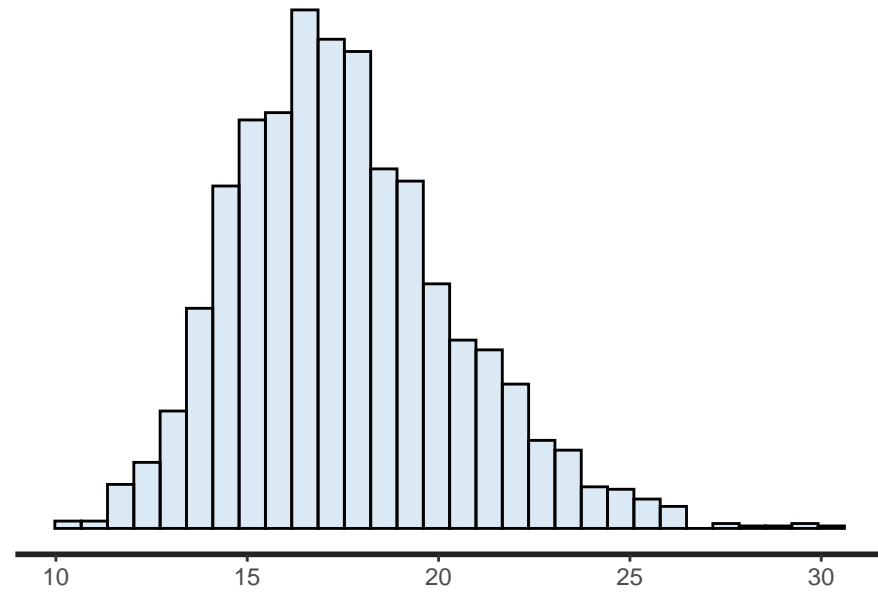




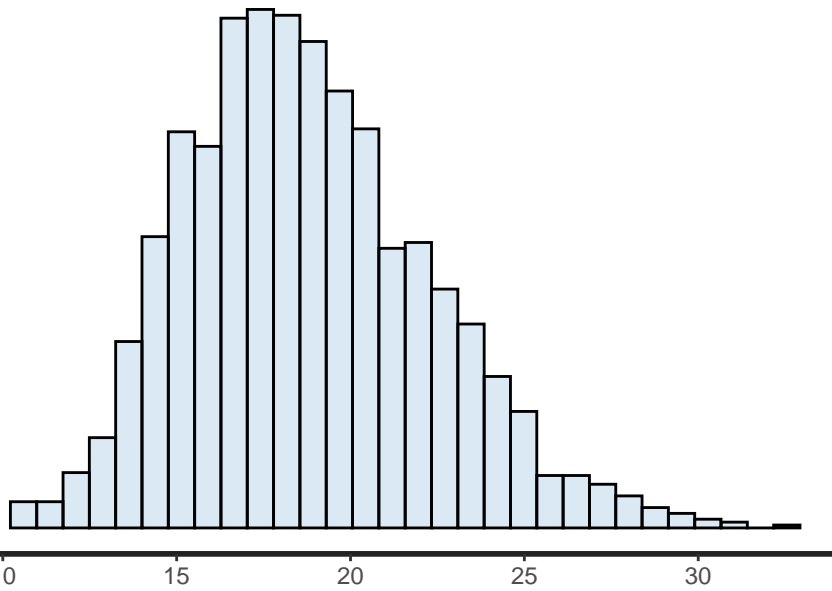
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

