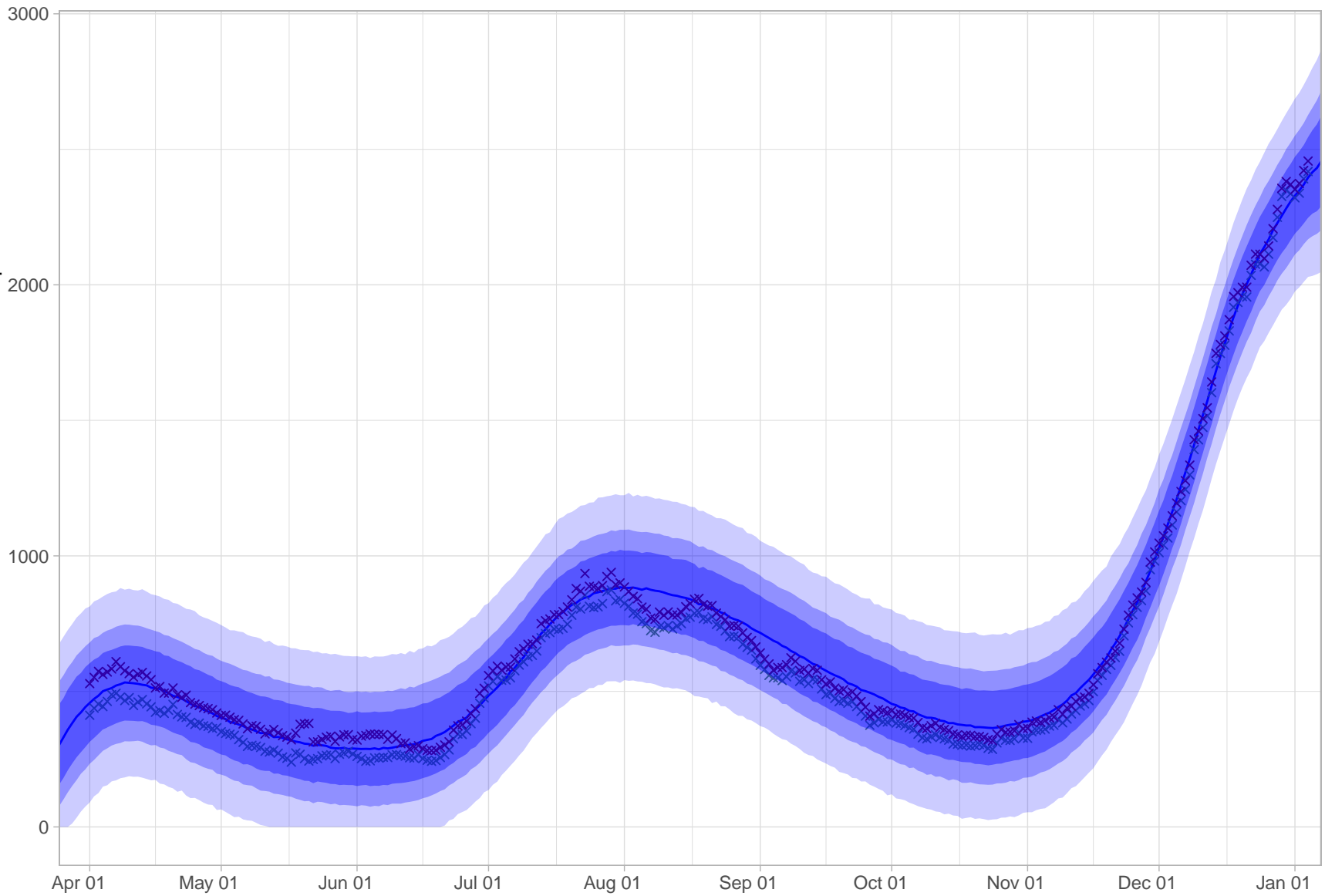


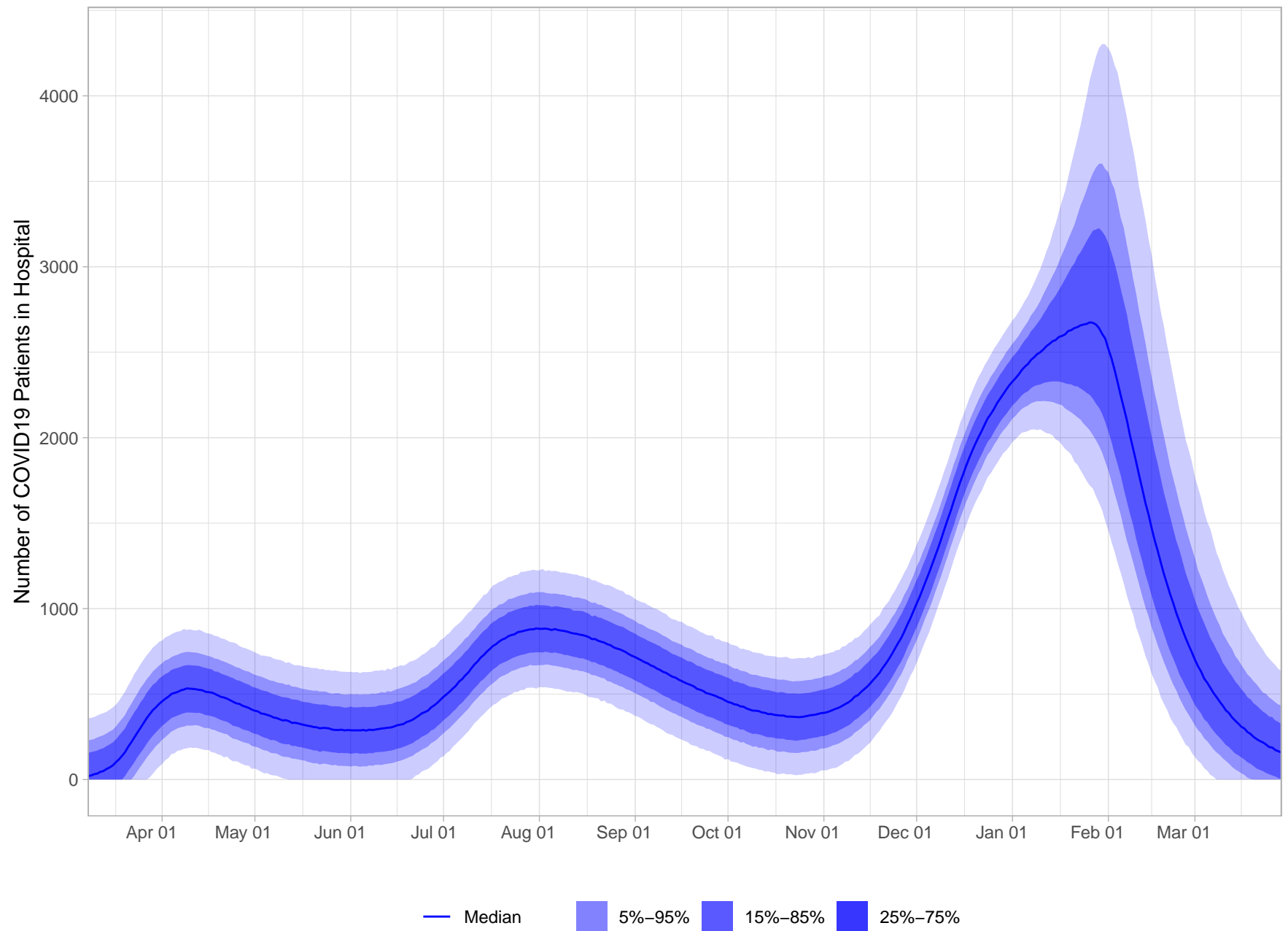
Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital

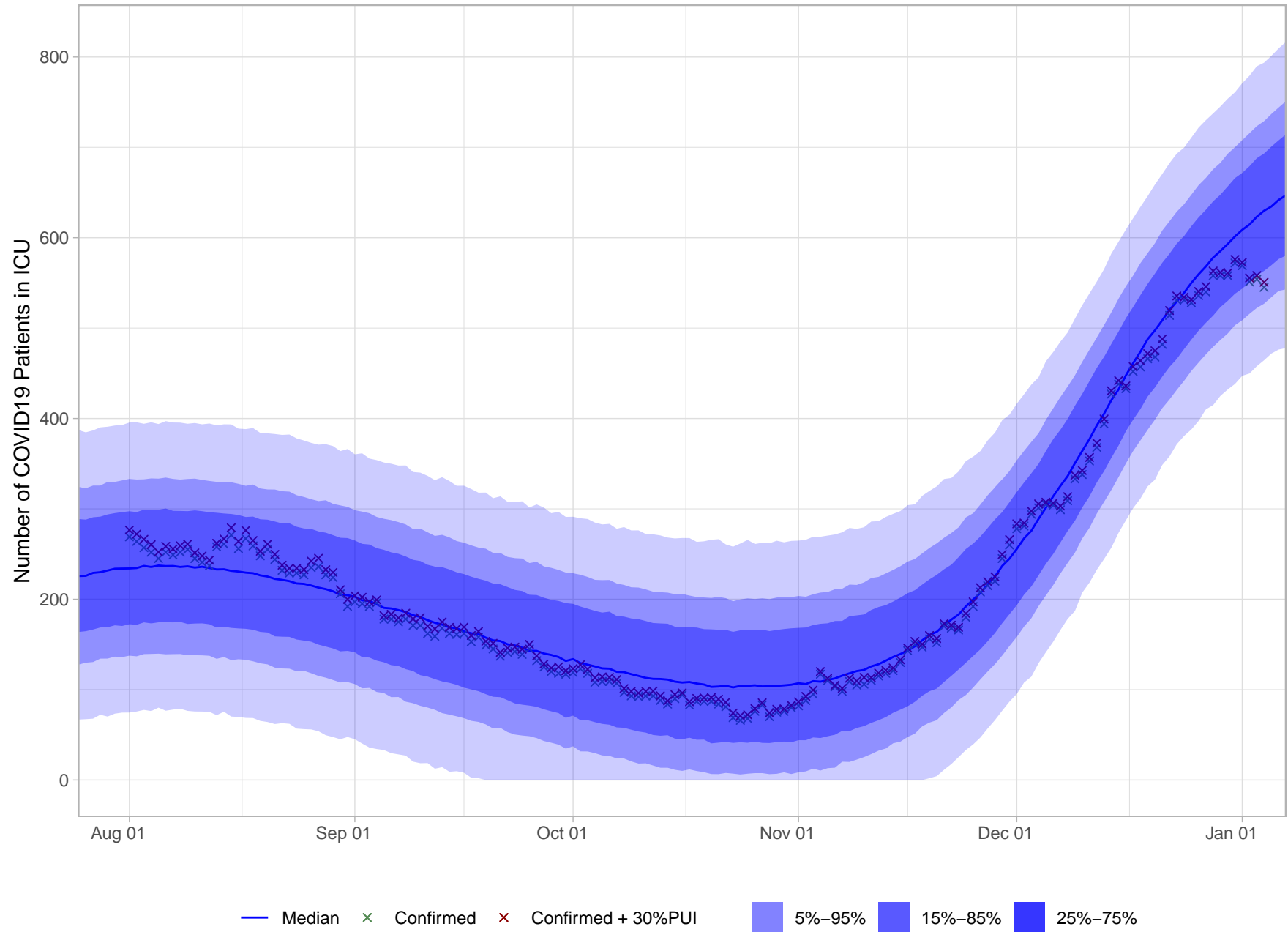


— Median × Confirmed × Confirmed + 30%PUI 5%–95% 15%–85% 25%–75%

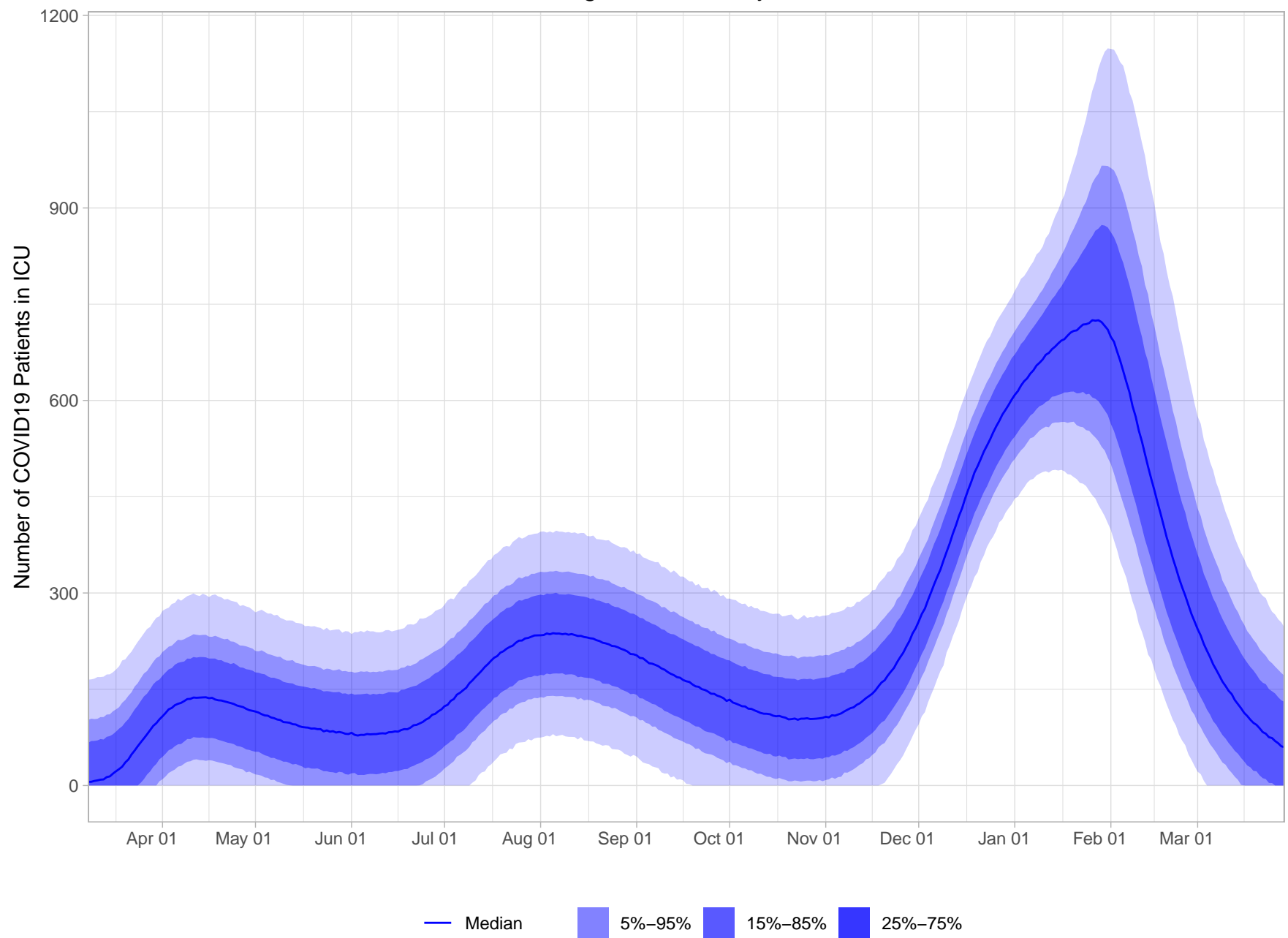
Long Term Hospitalization Projection



Short Term ICU Projection

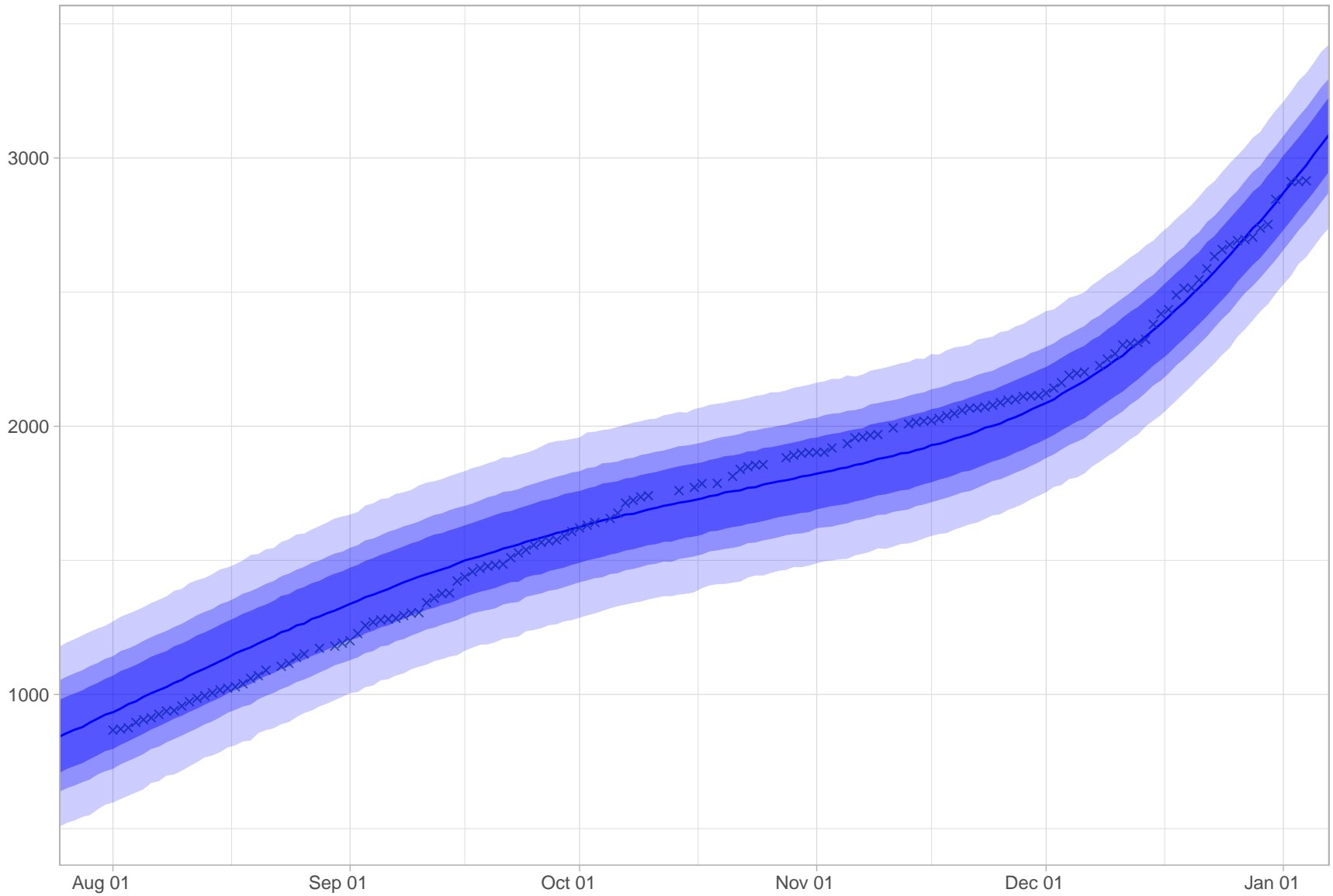


Long Term ICU Projection



Short Term Death Projection

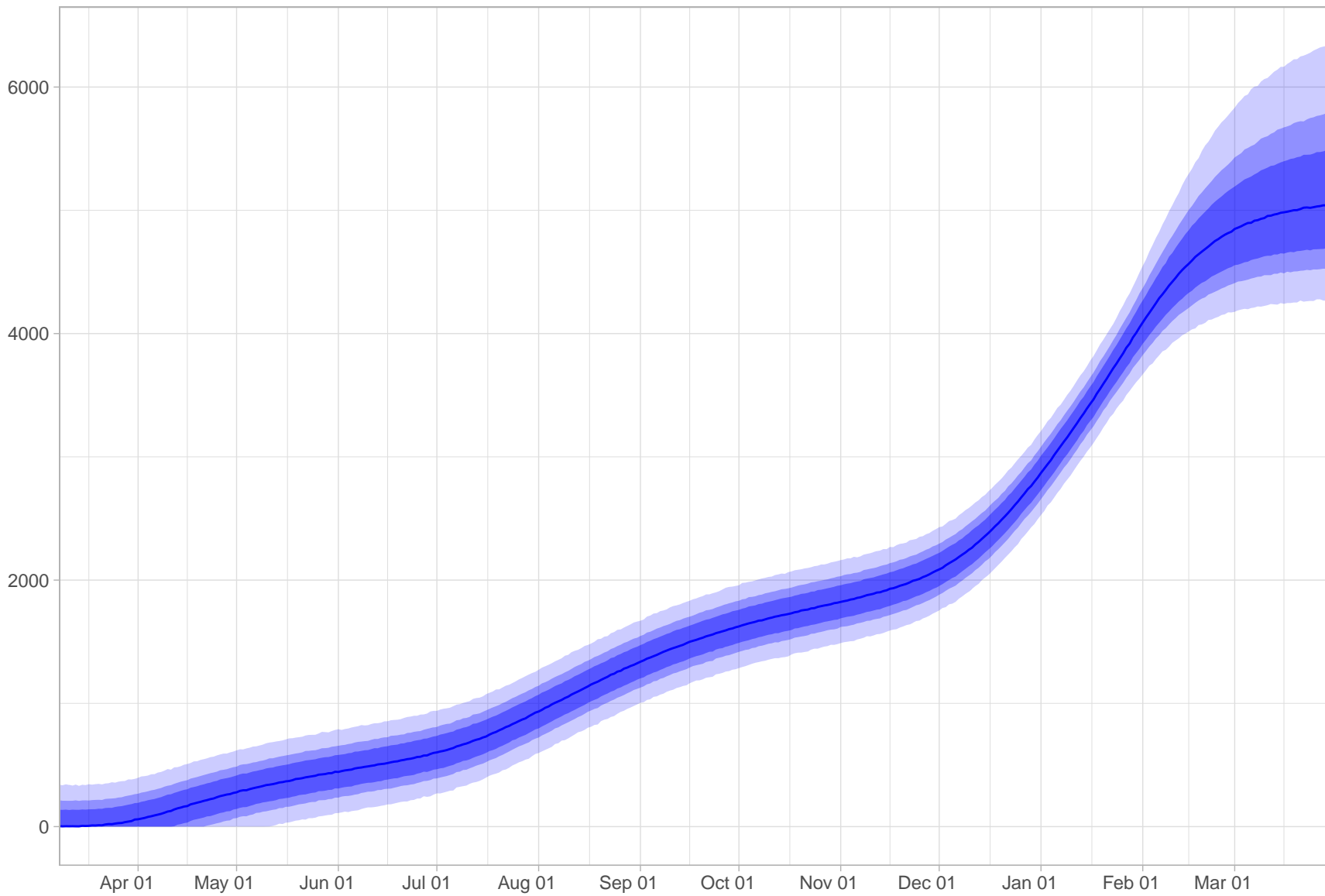
Number of COVID19 Deaths



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

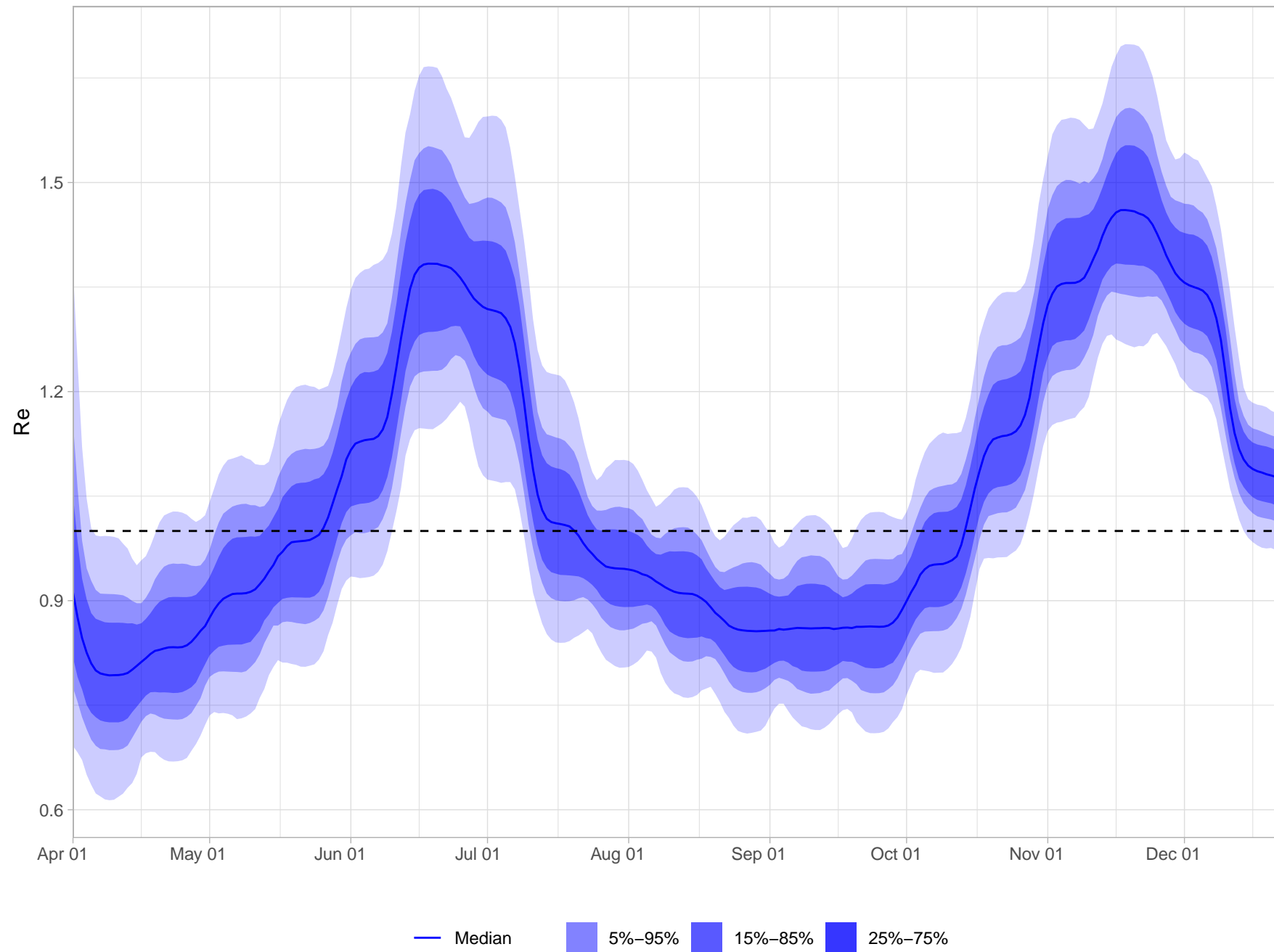
Long Term Death Projection

Number of COVID19 Deaths



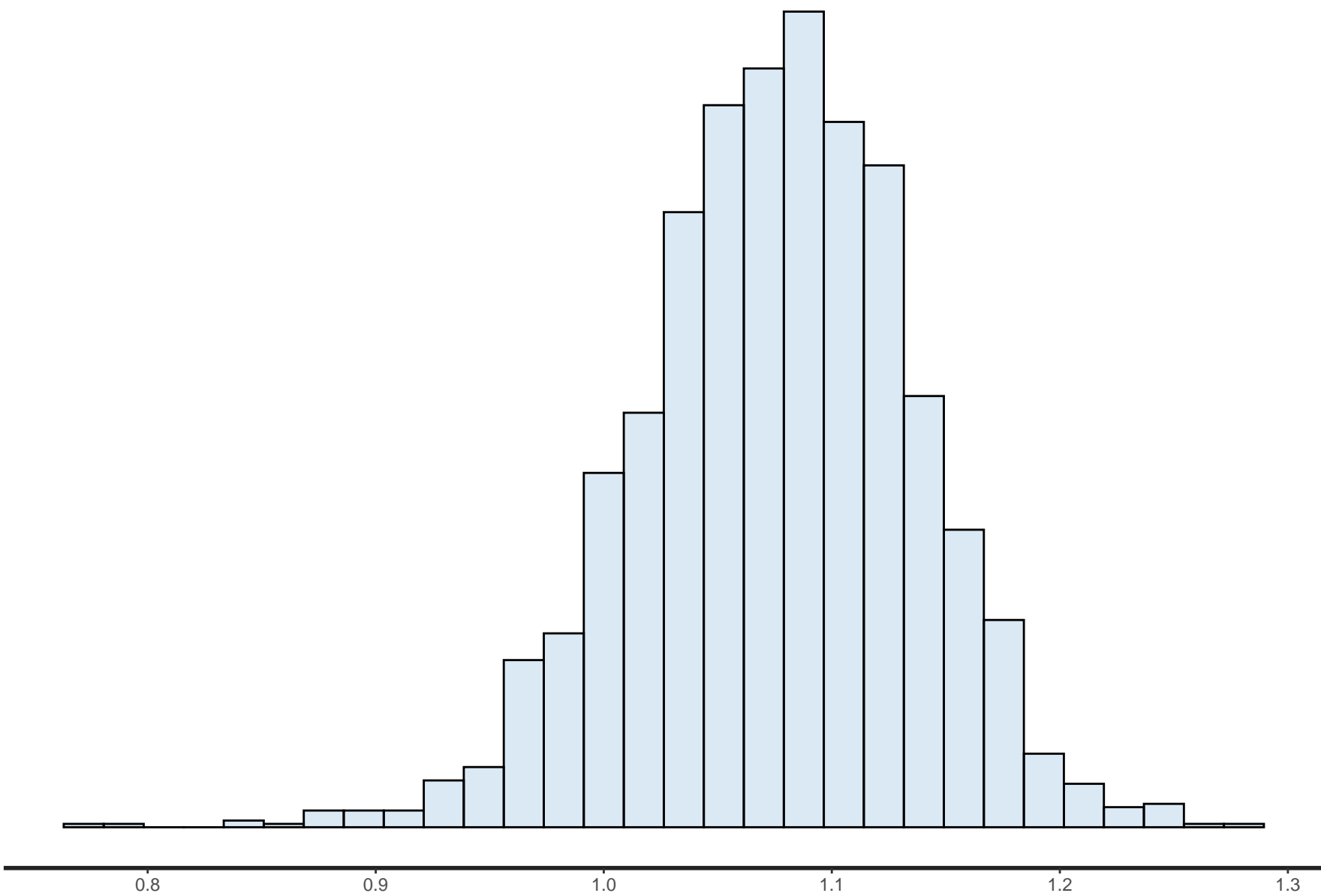
— Median 5%-95% 15%-85% 25%-75%

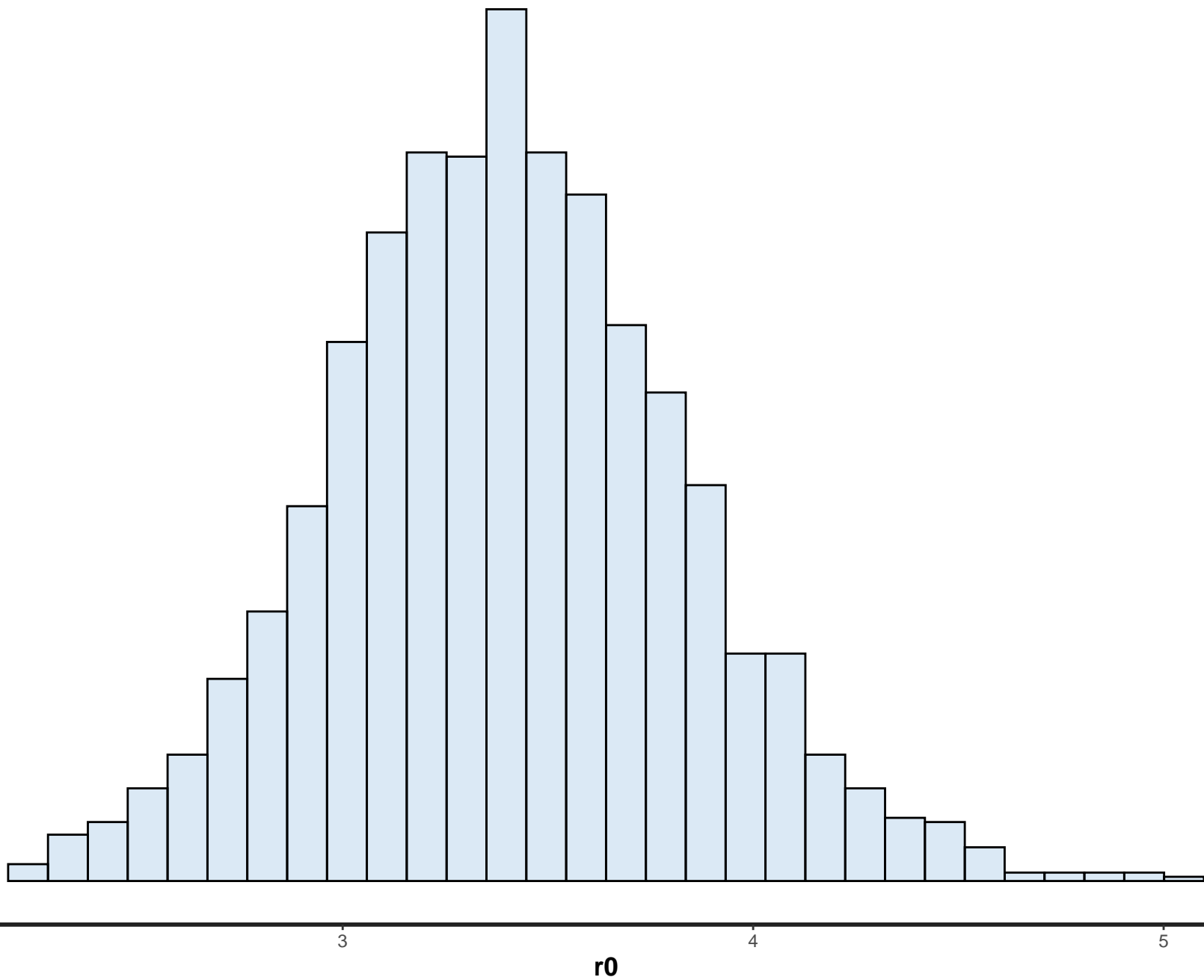
Effective Reproduction Number

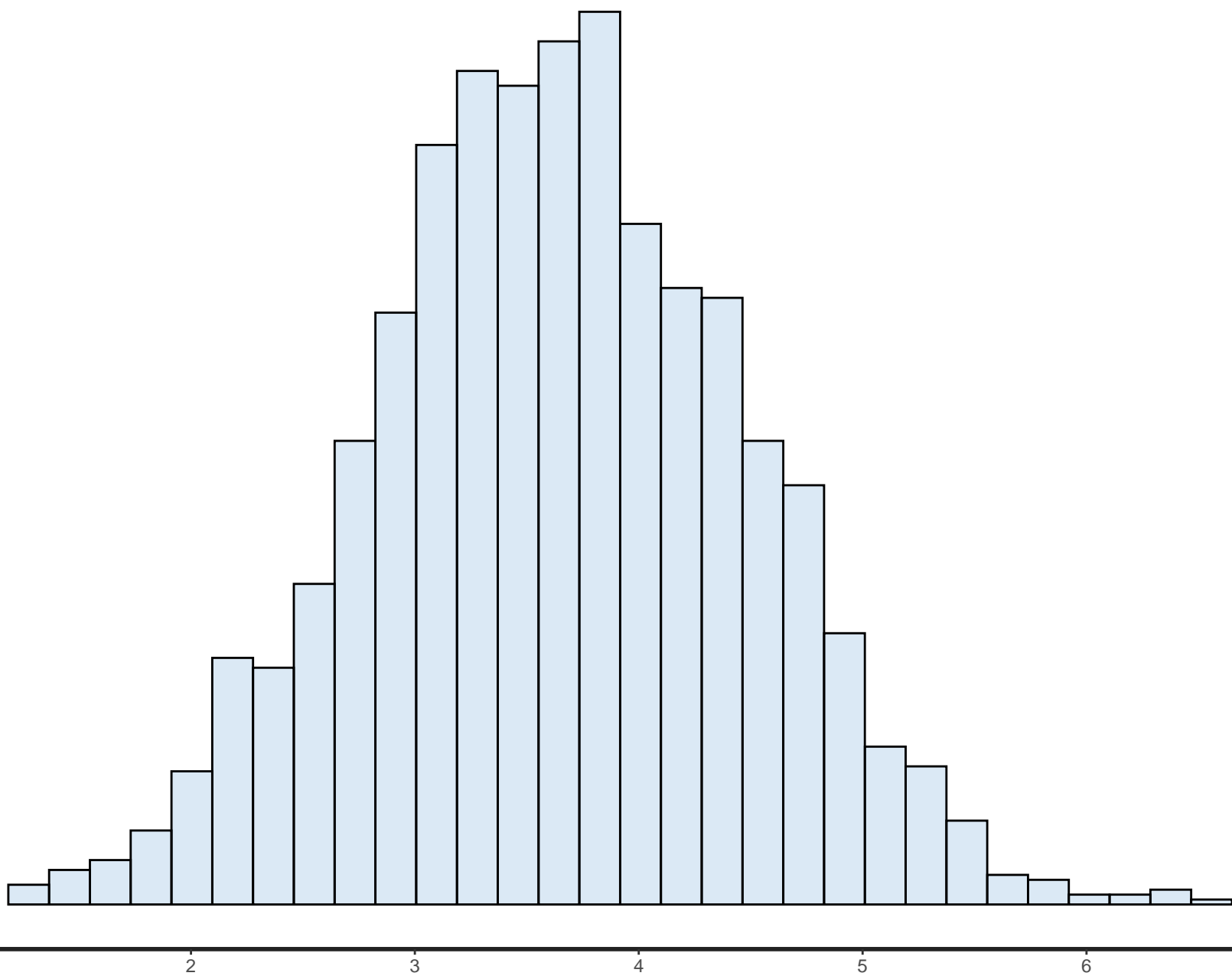


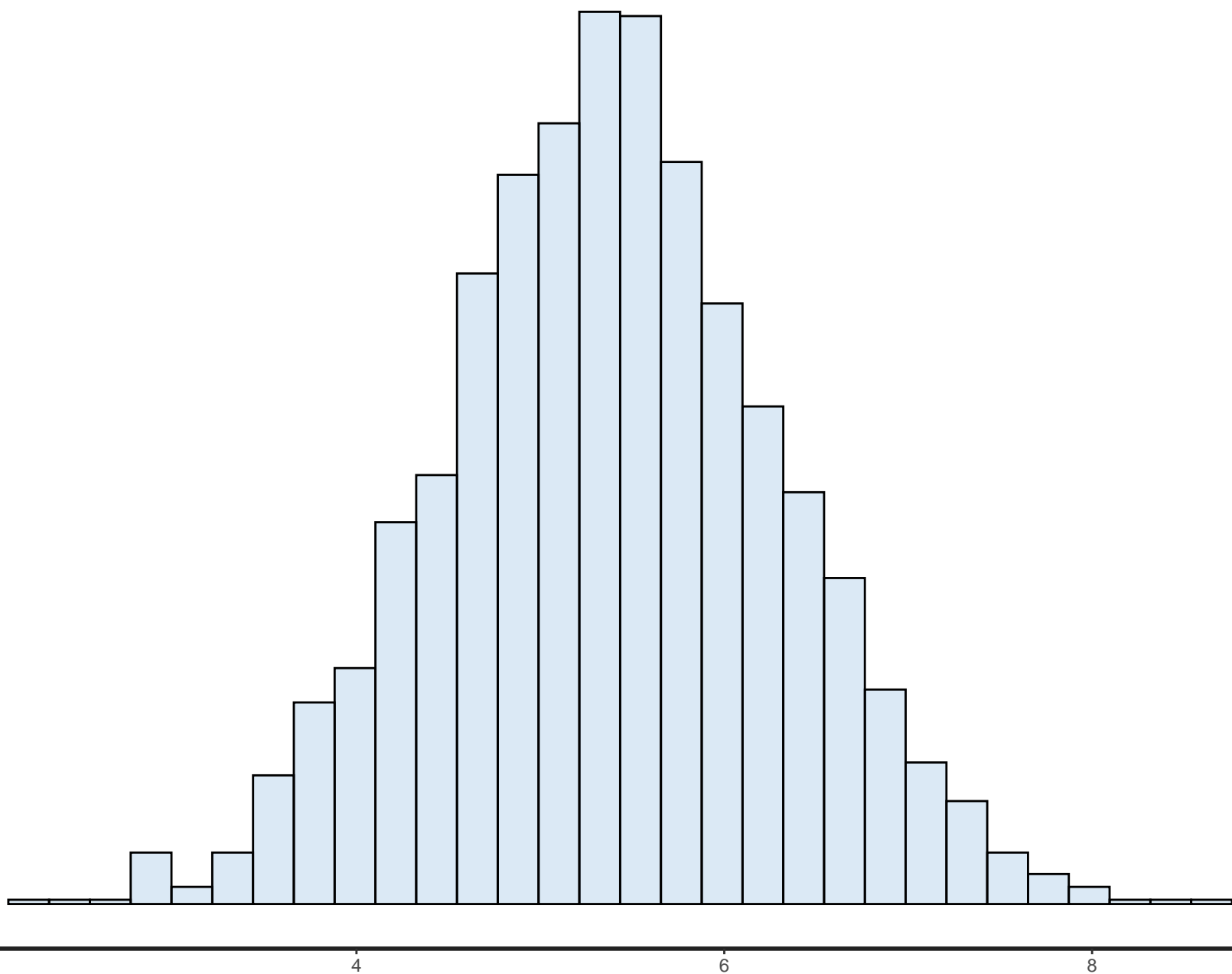
Rt as of 2020-12-21

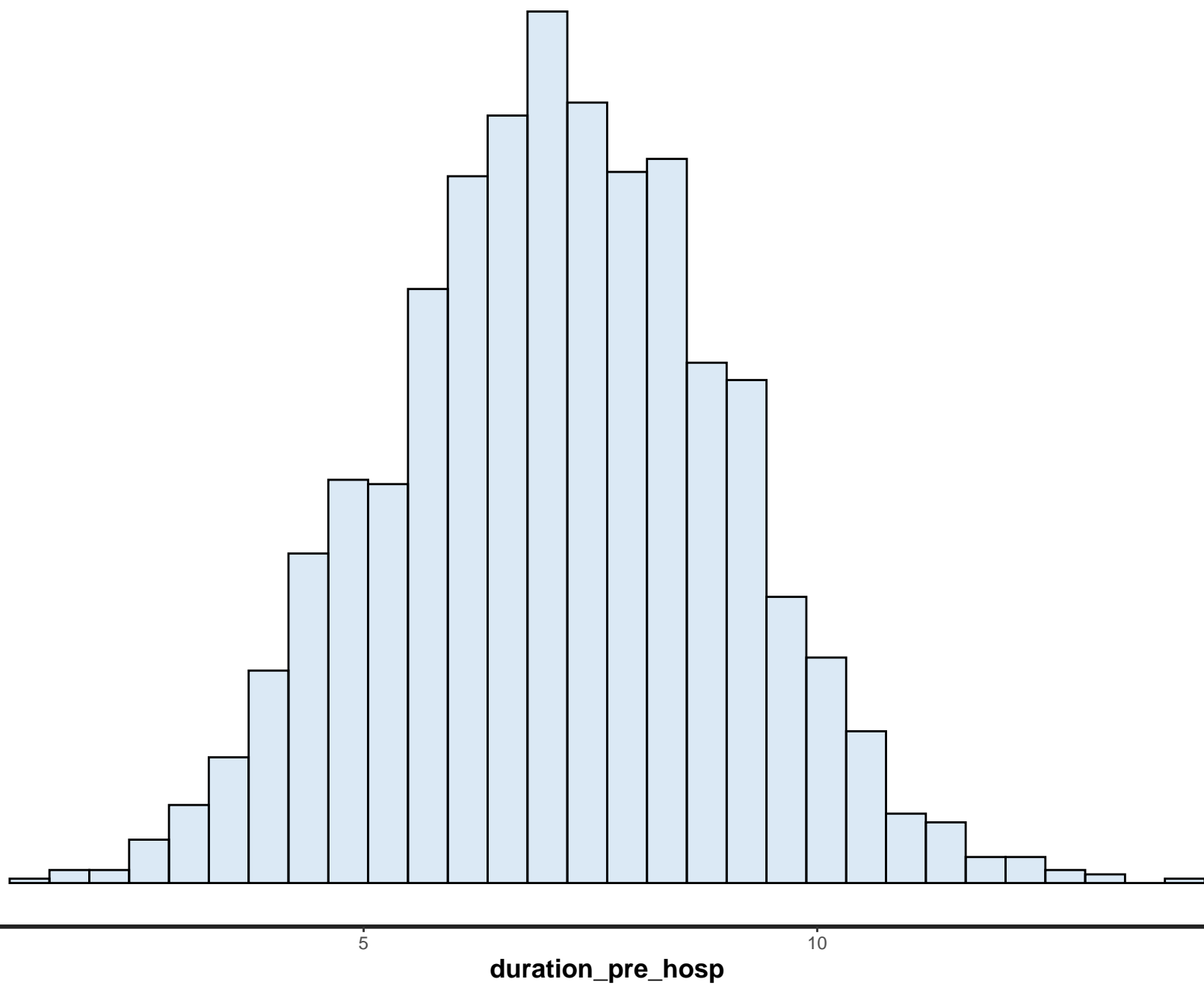
5% 10% 25% 50% 75% 90% 95%
0.97 1.00 1.04 1.08 1.12 1.15 1.17

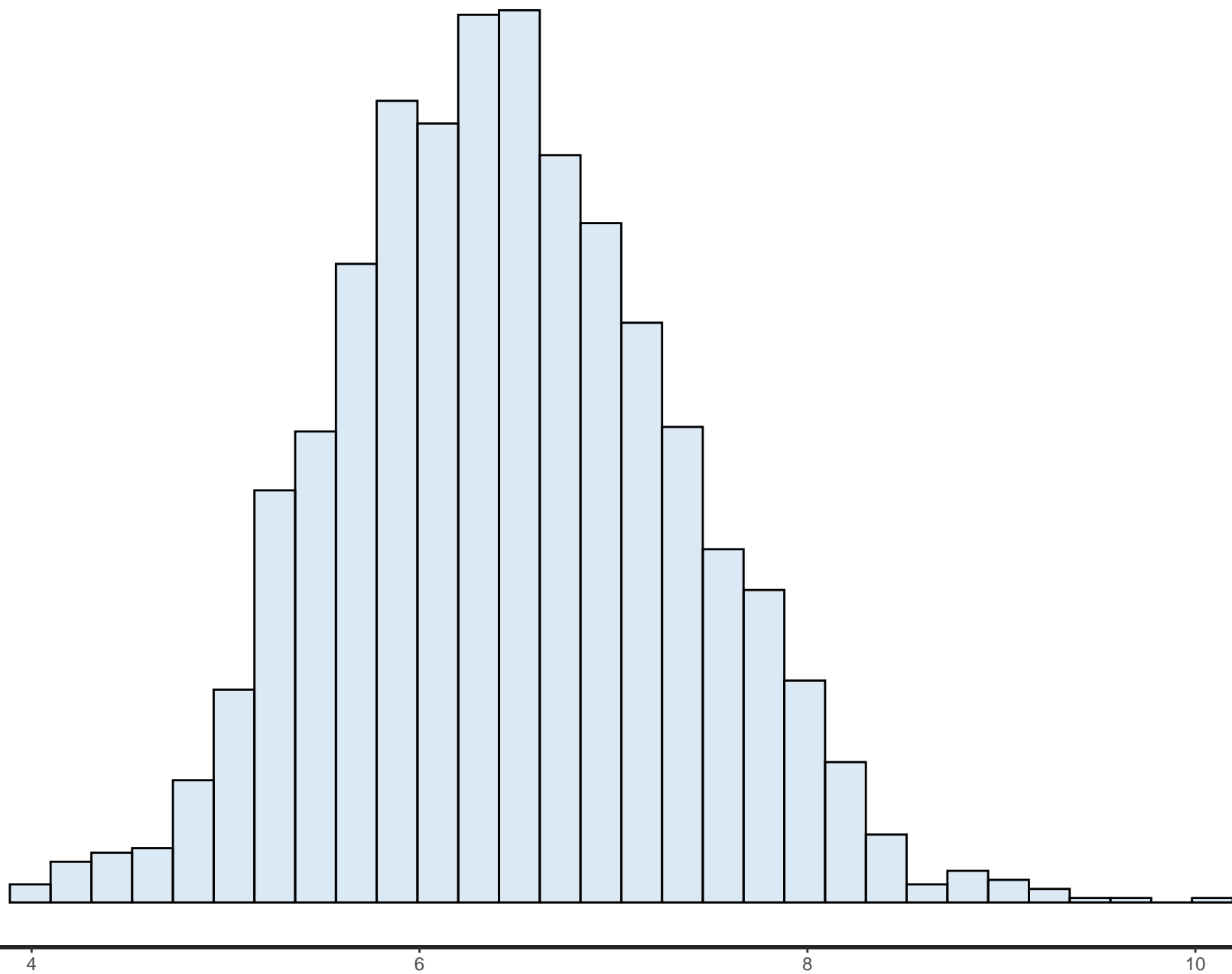


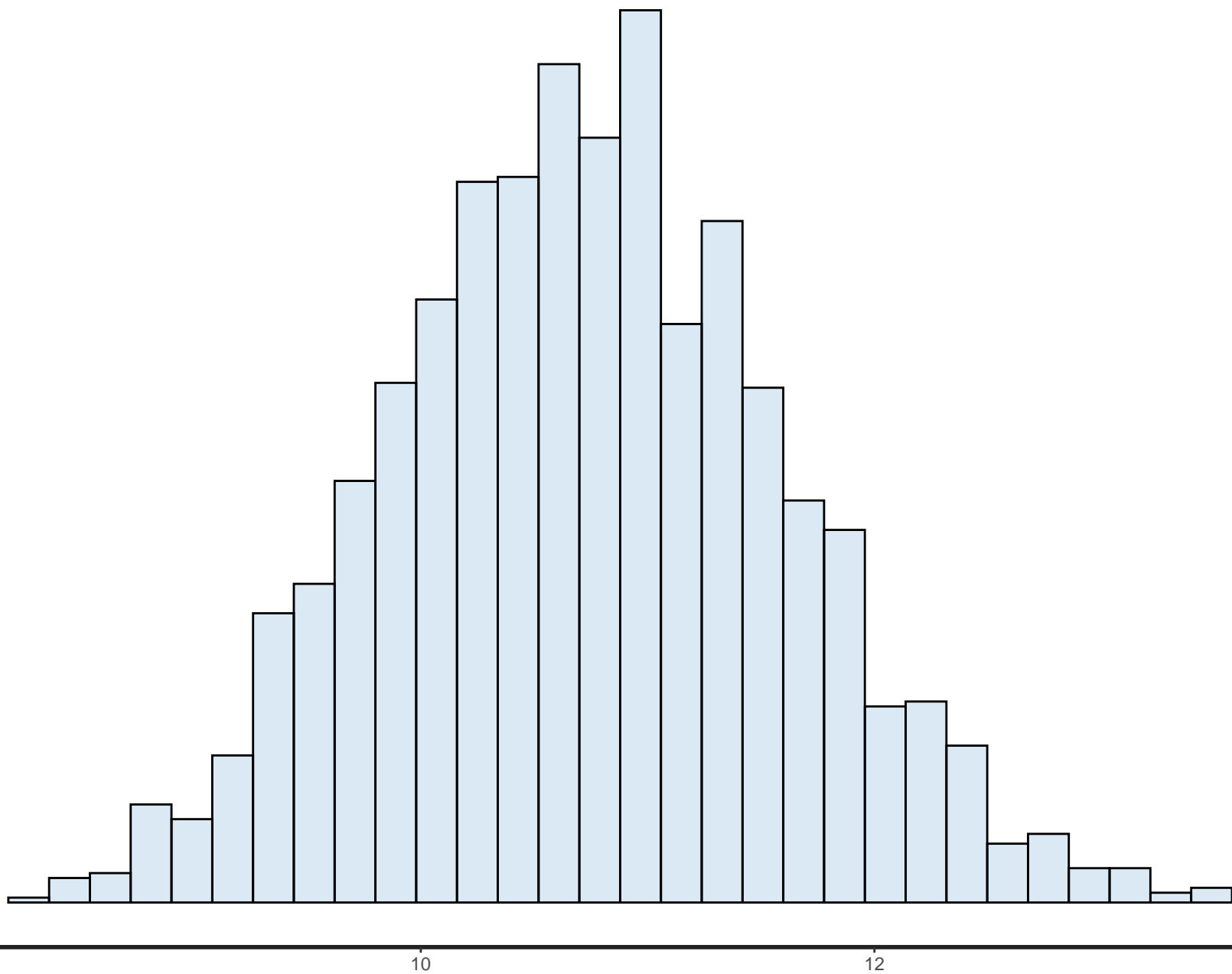


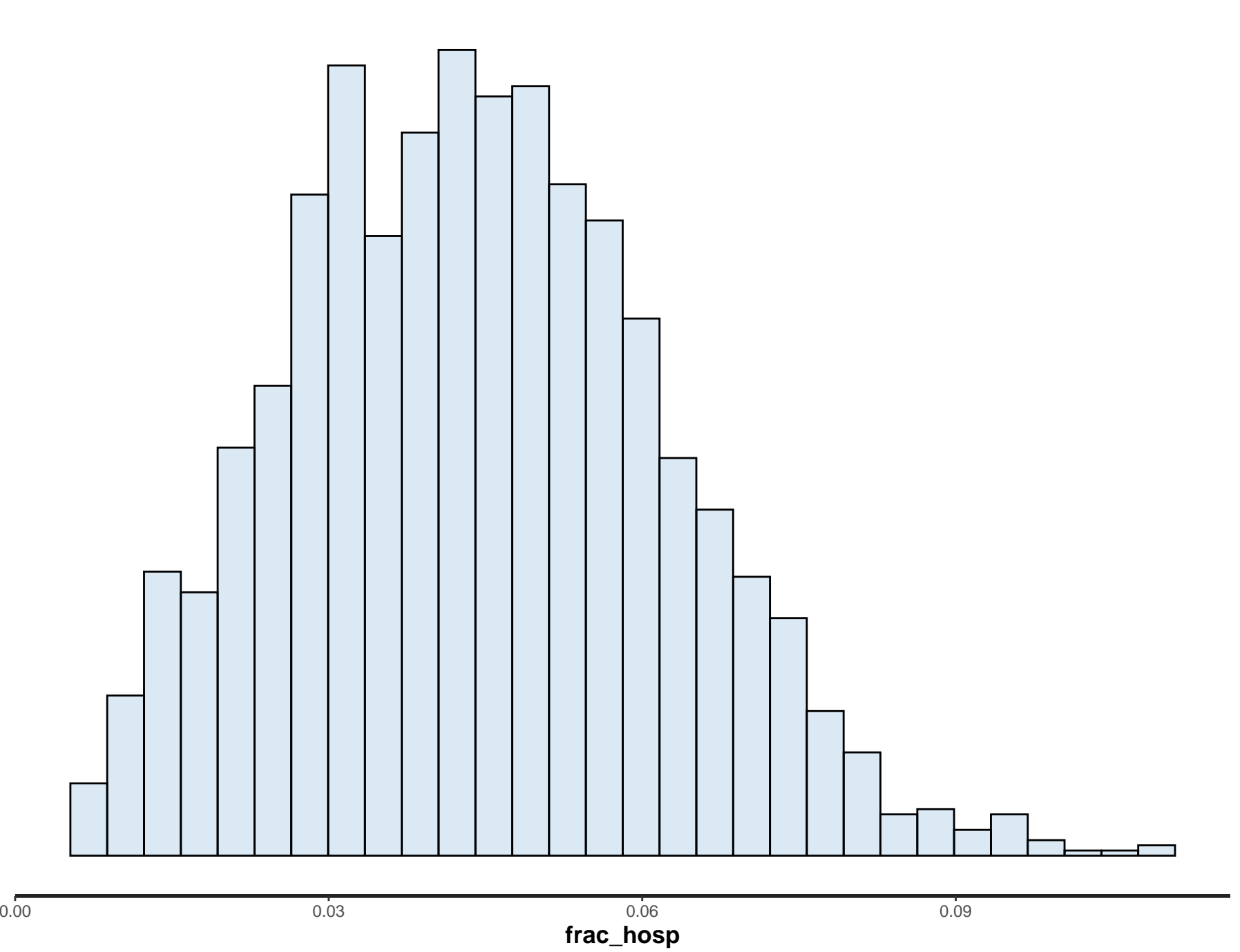


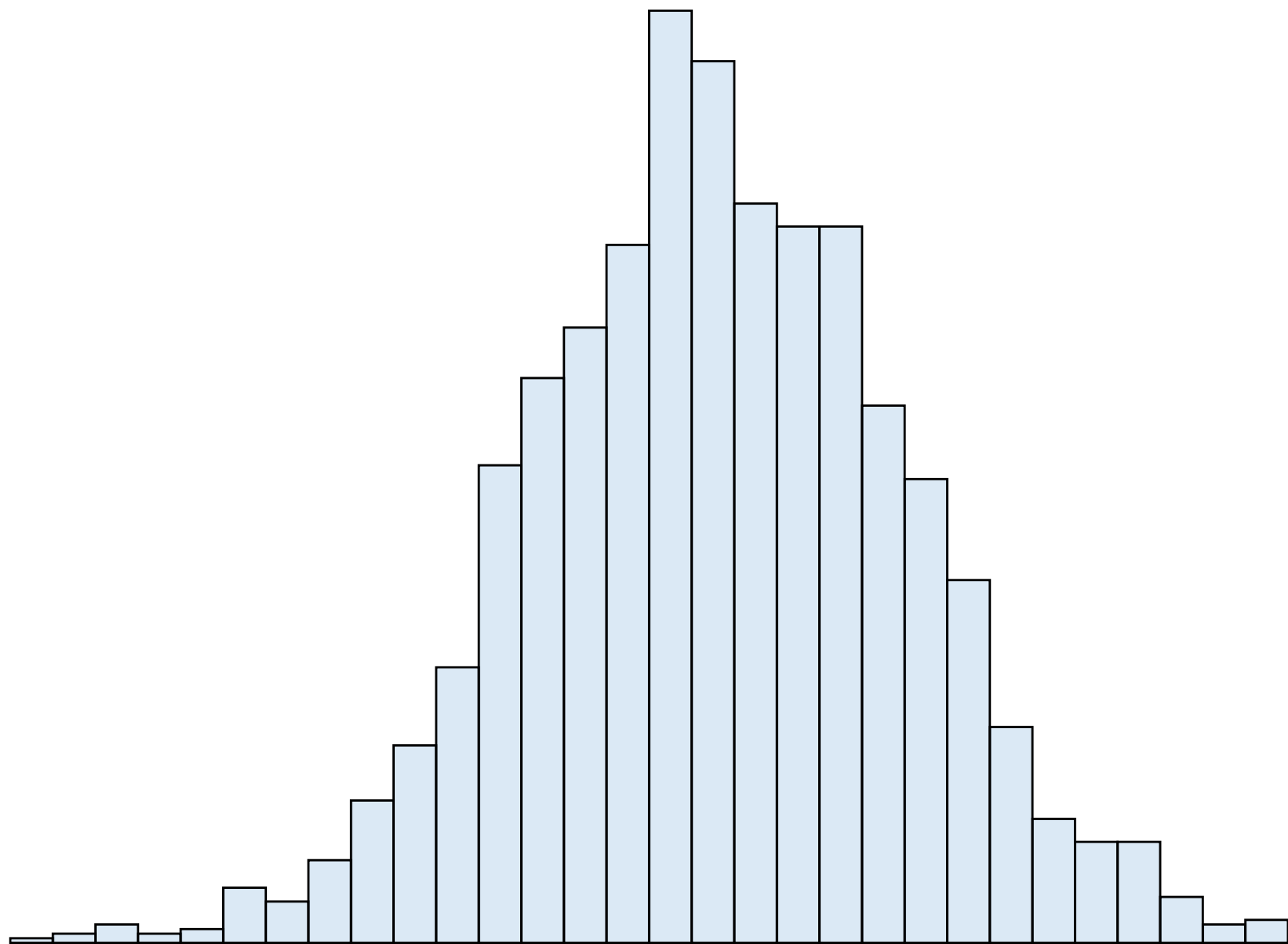












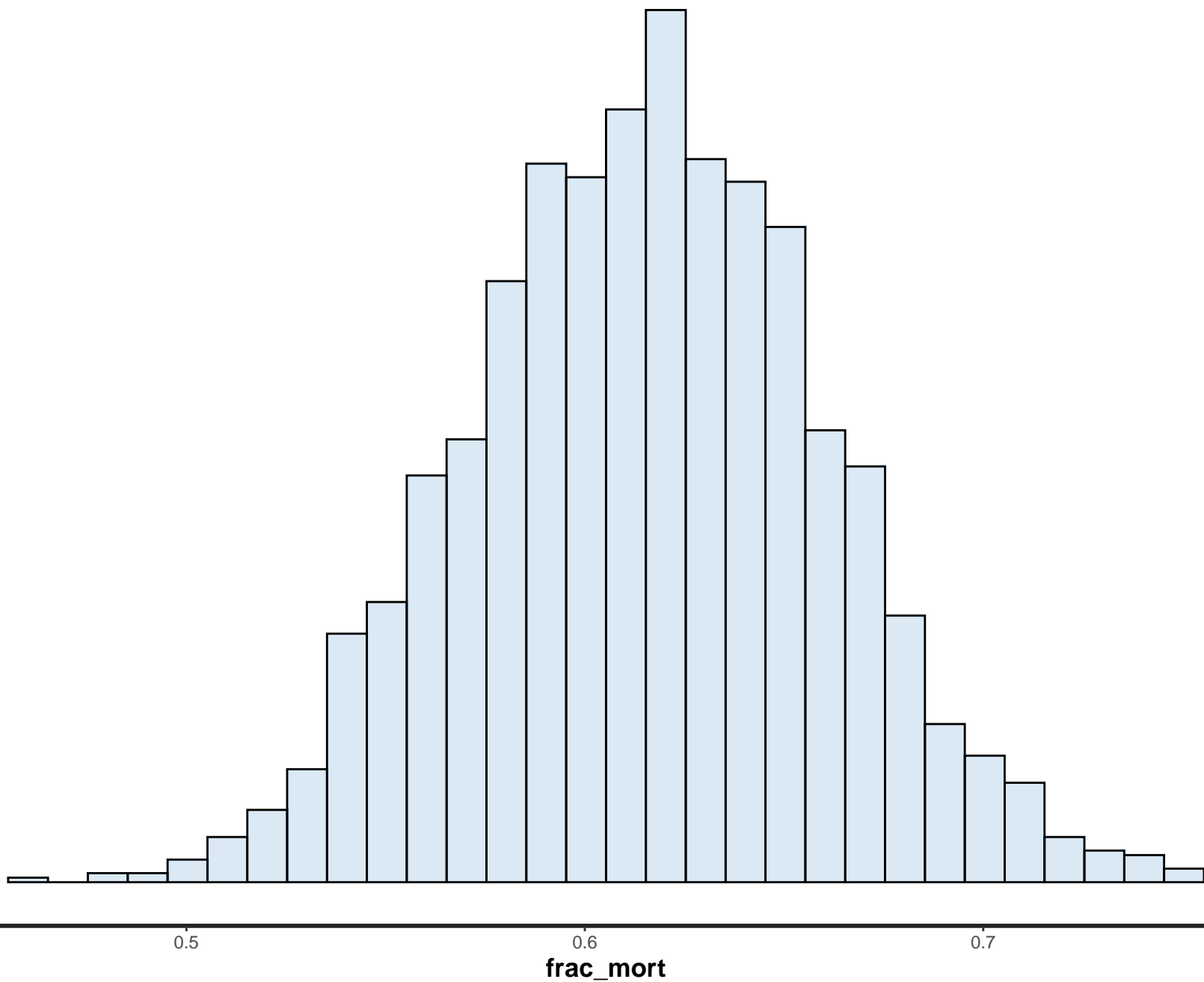
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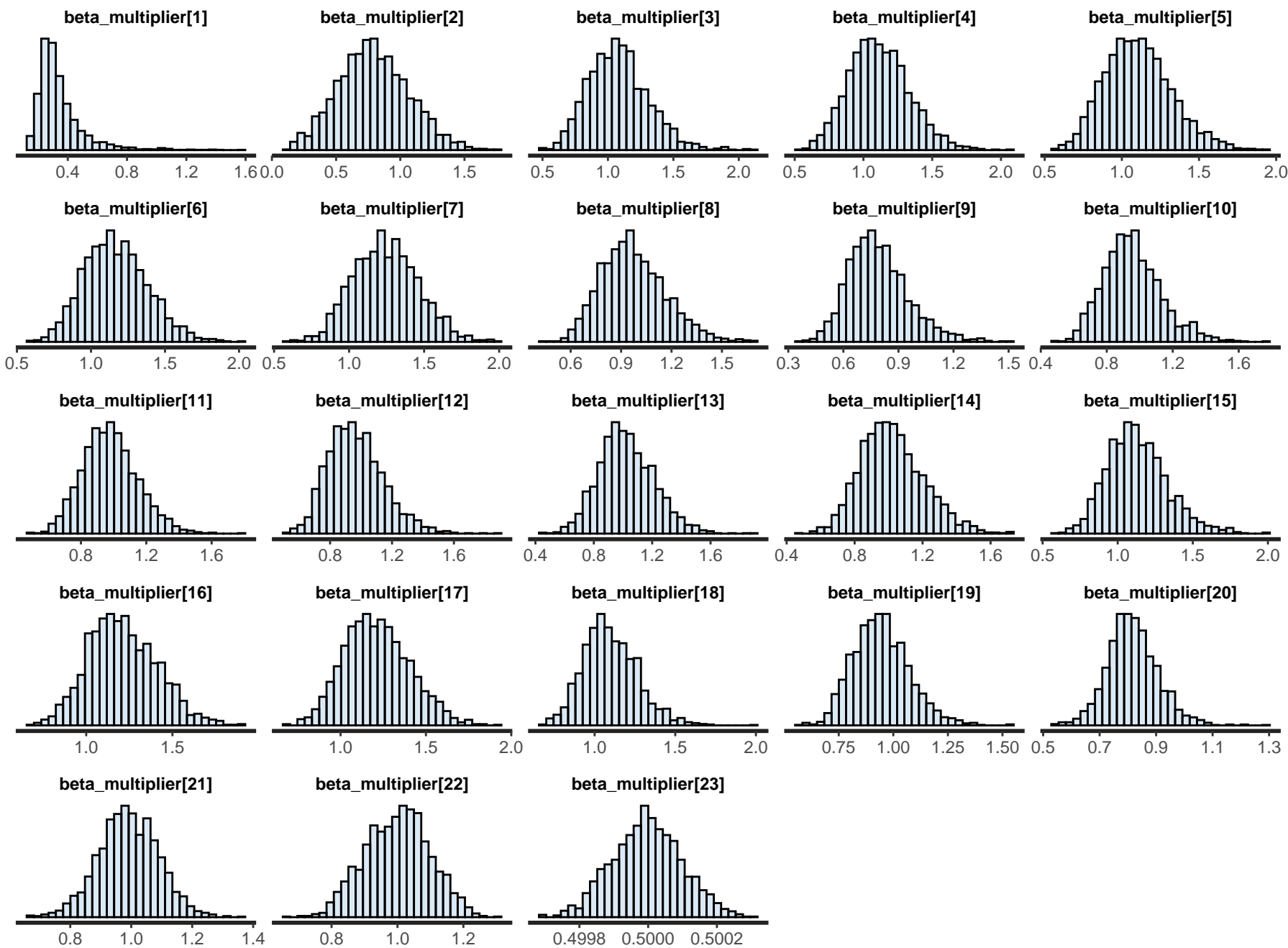
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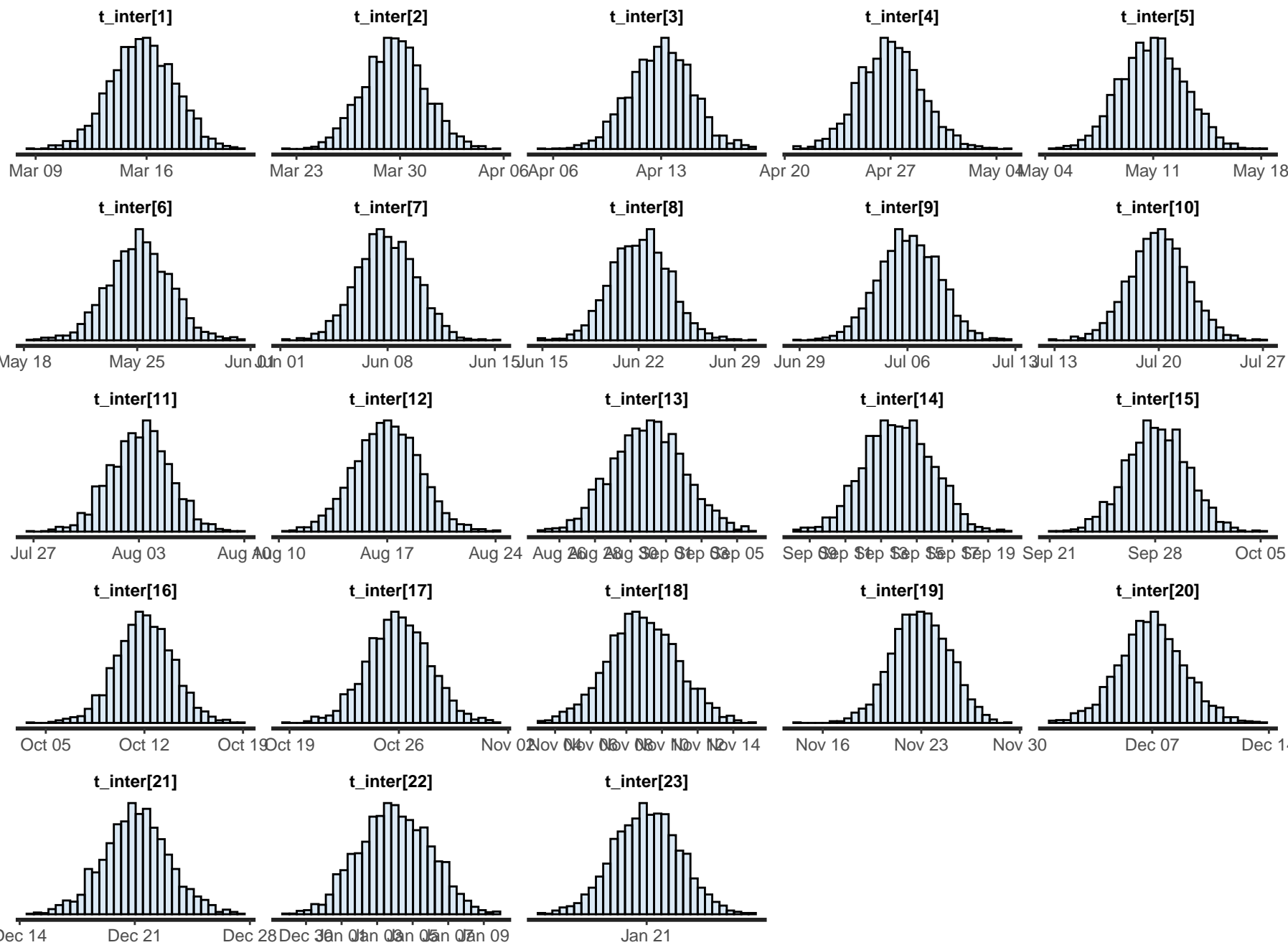
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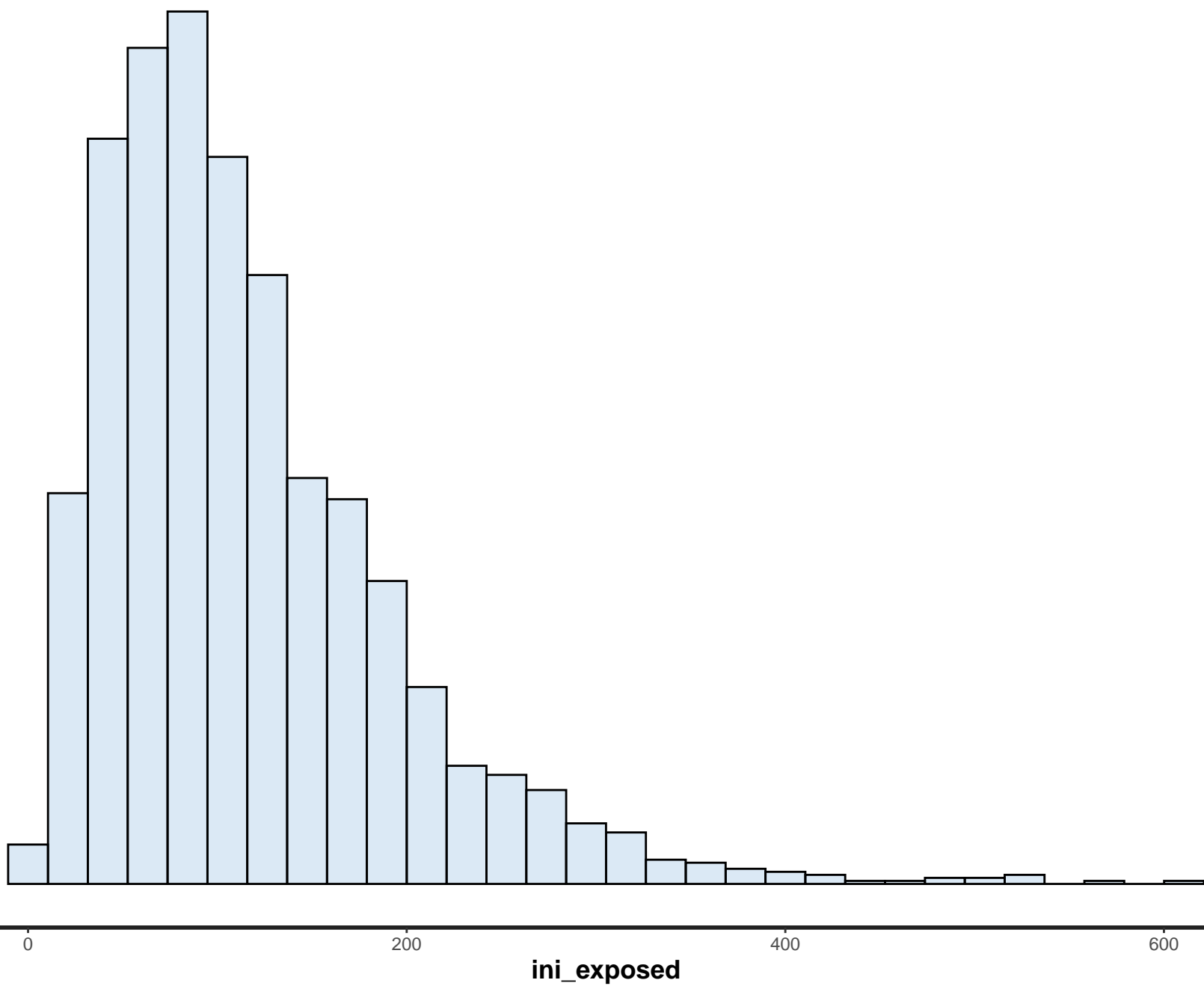
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0.24

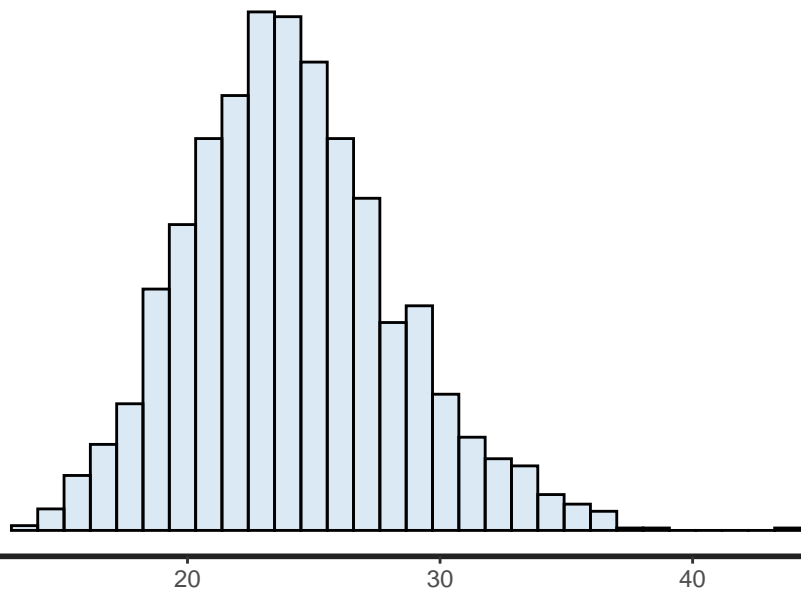




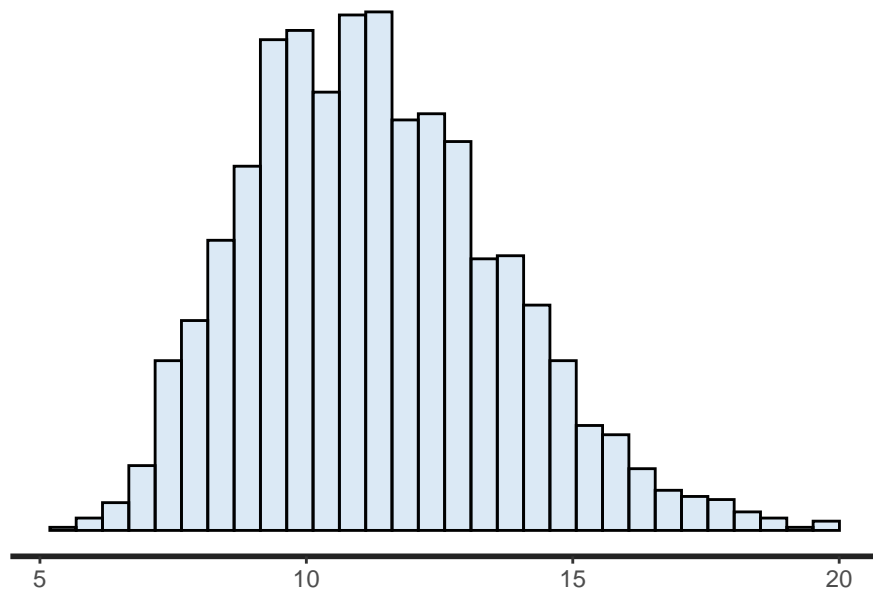




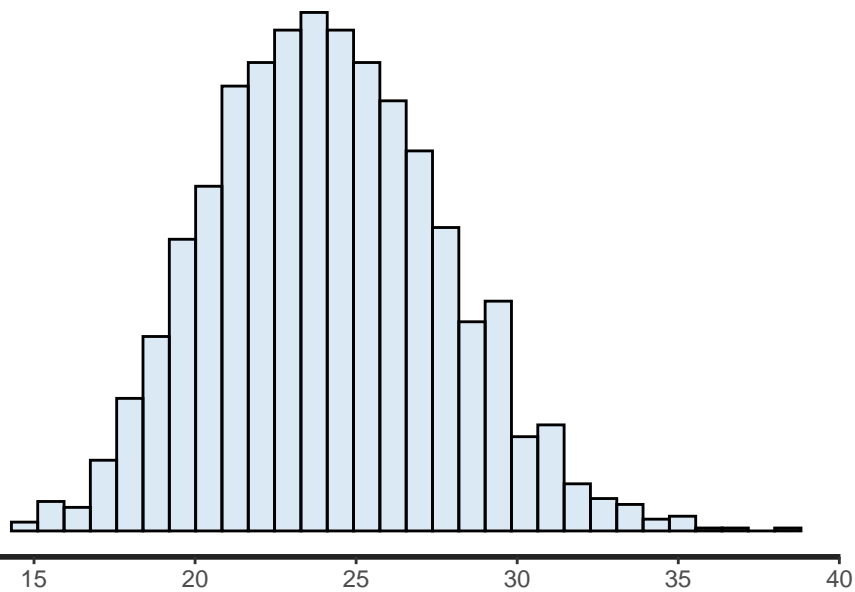
sigma_obs[1]



sigma_obs[2]



sigma_obs[3]



sigma_obs[4]

