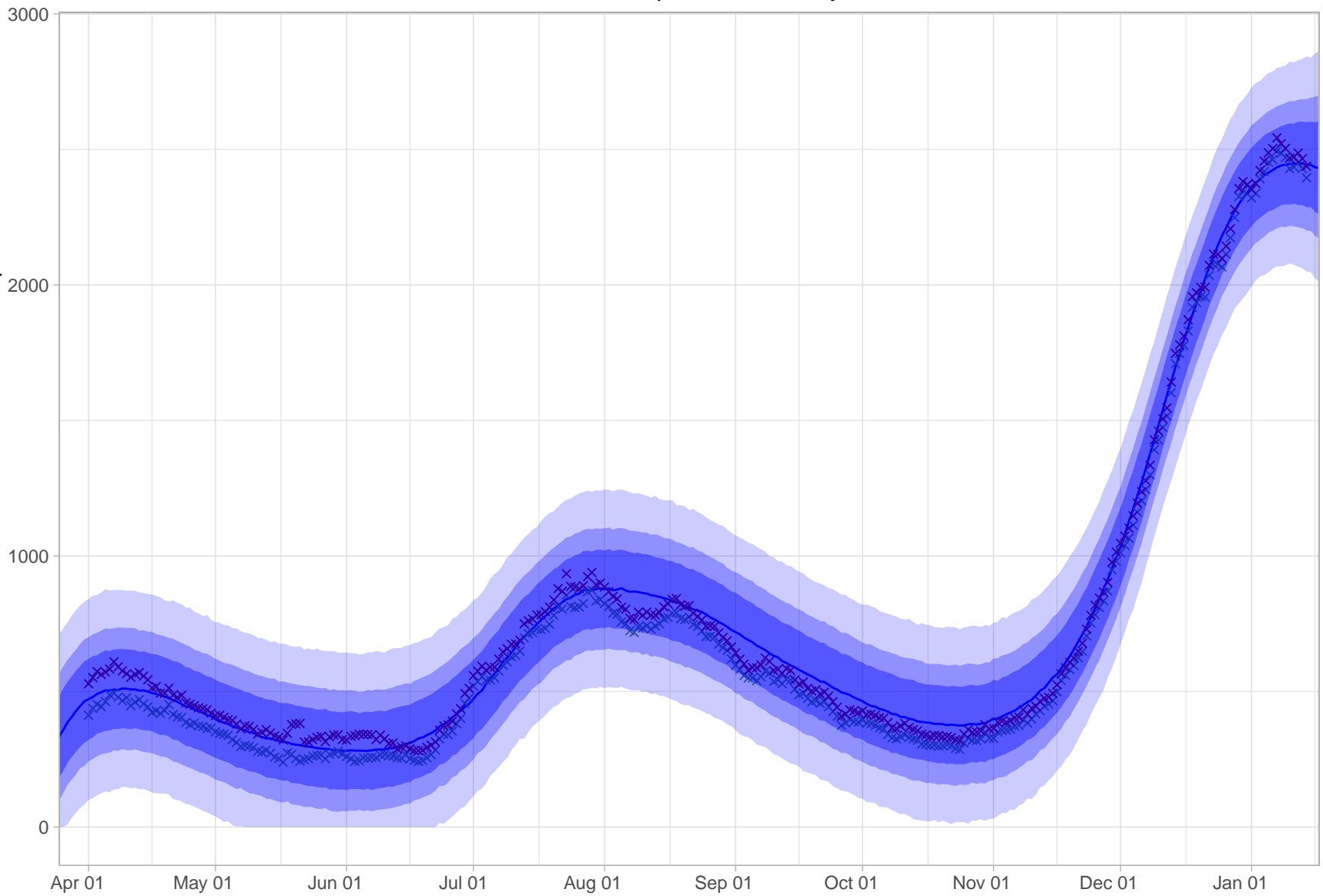


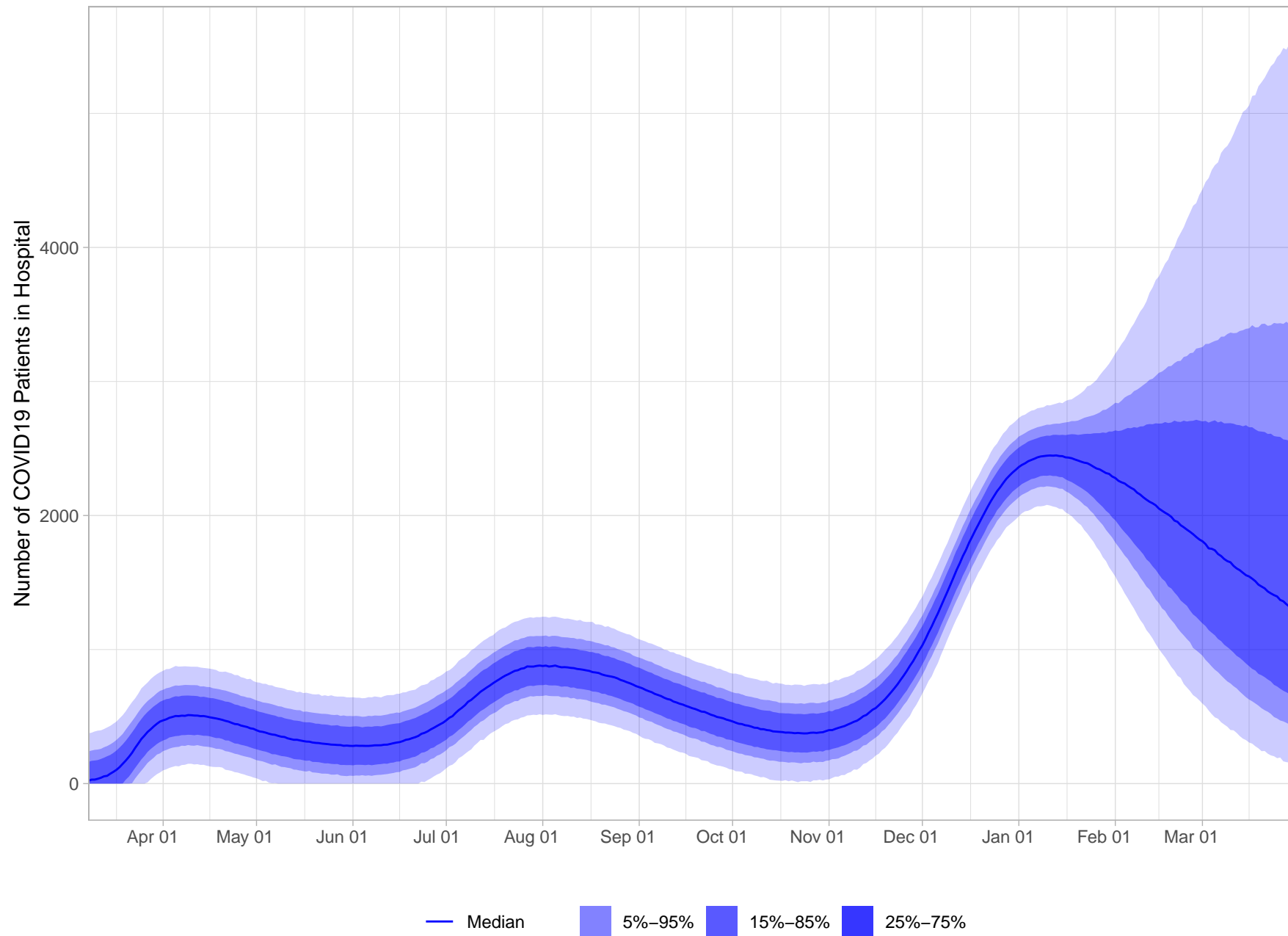
# Short Term Hospitalization Projection

Number of COVID19 Patients in Hospital

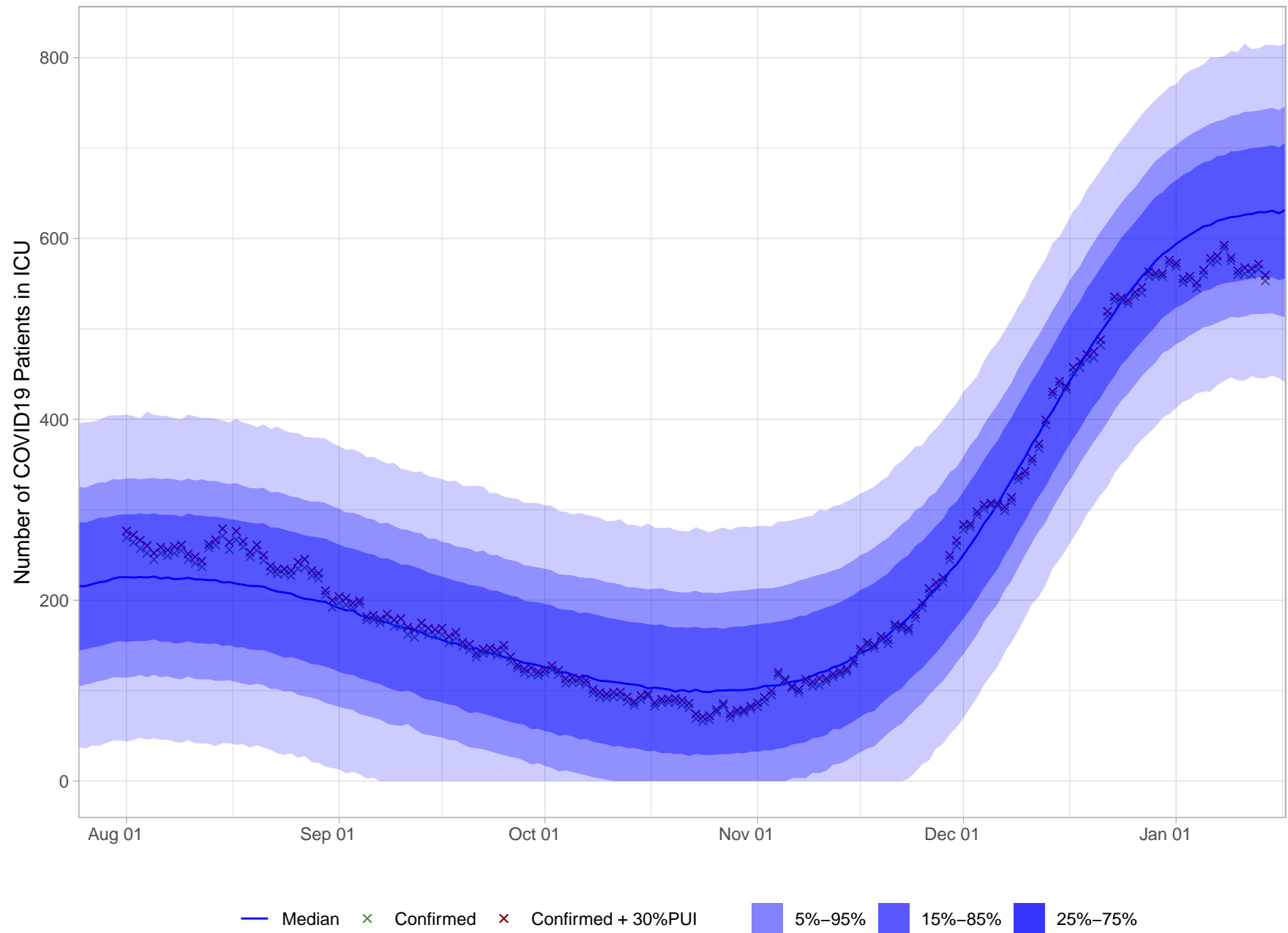


— Median    × Confirmed    × Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

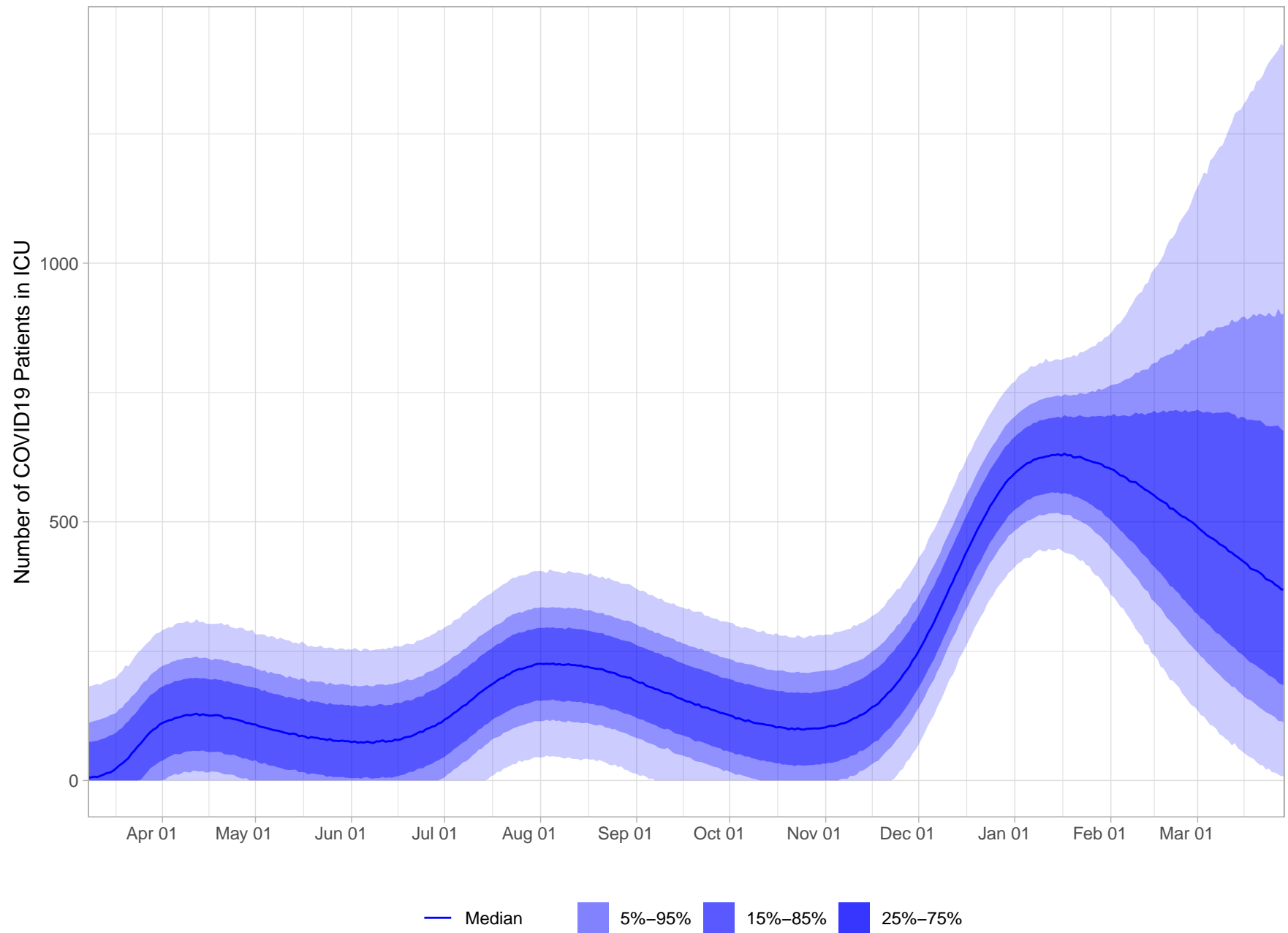
# Long Term Hospitalization Projection



# Short Term ICU Projection

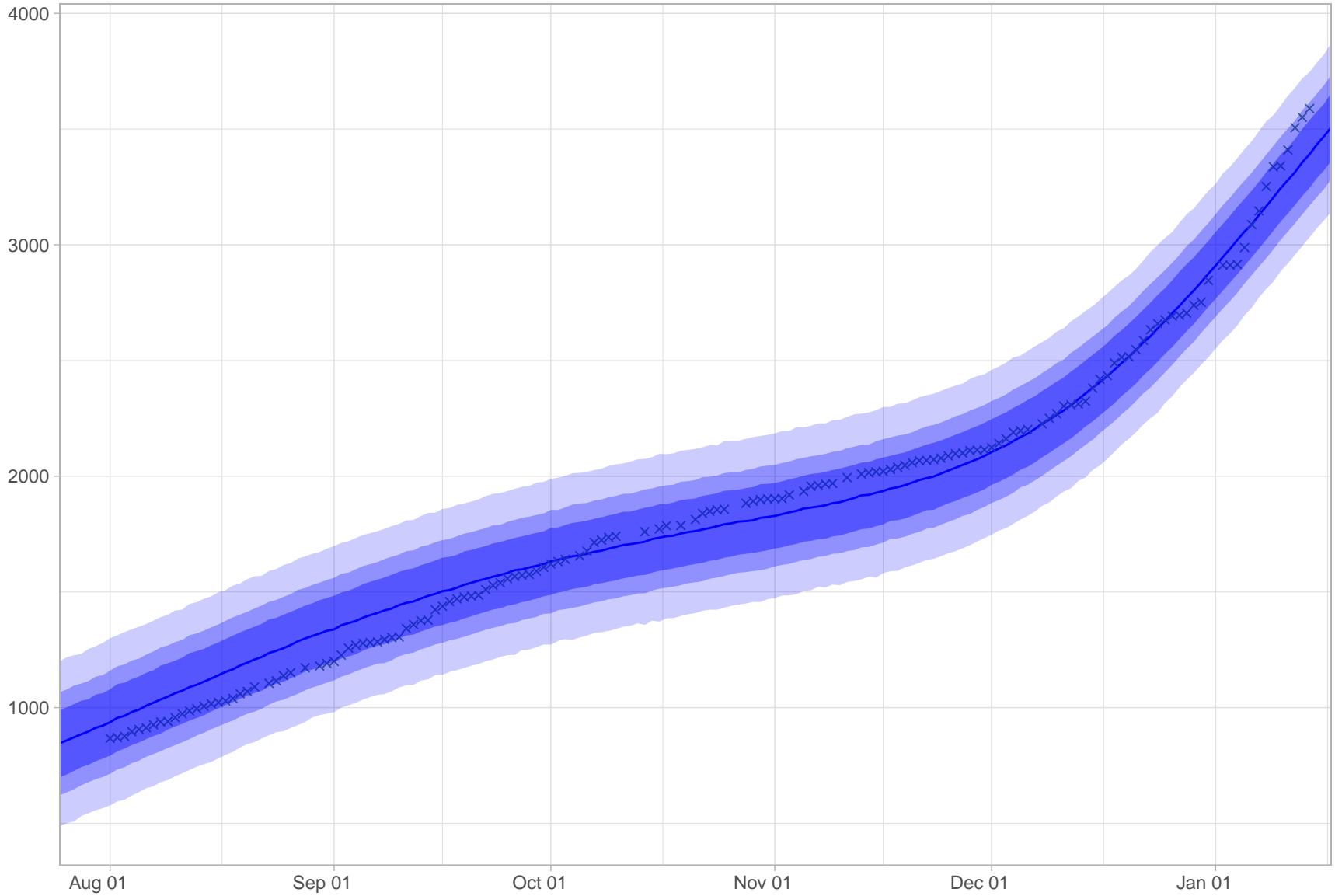


# Long Term ICU Projection



# Short Term Death Projection

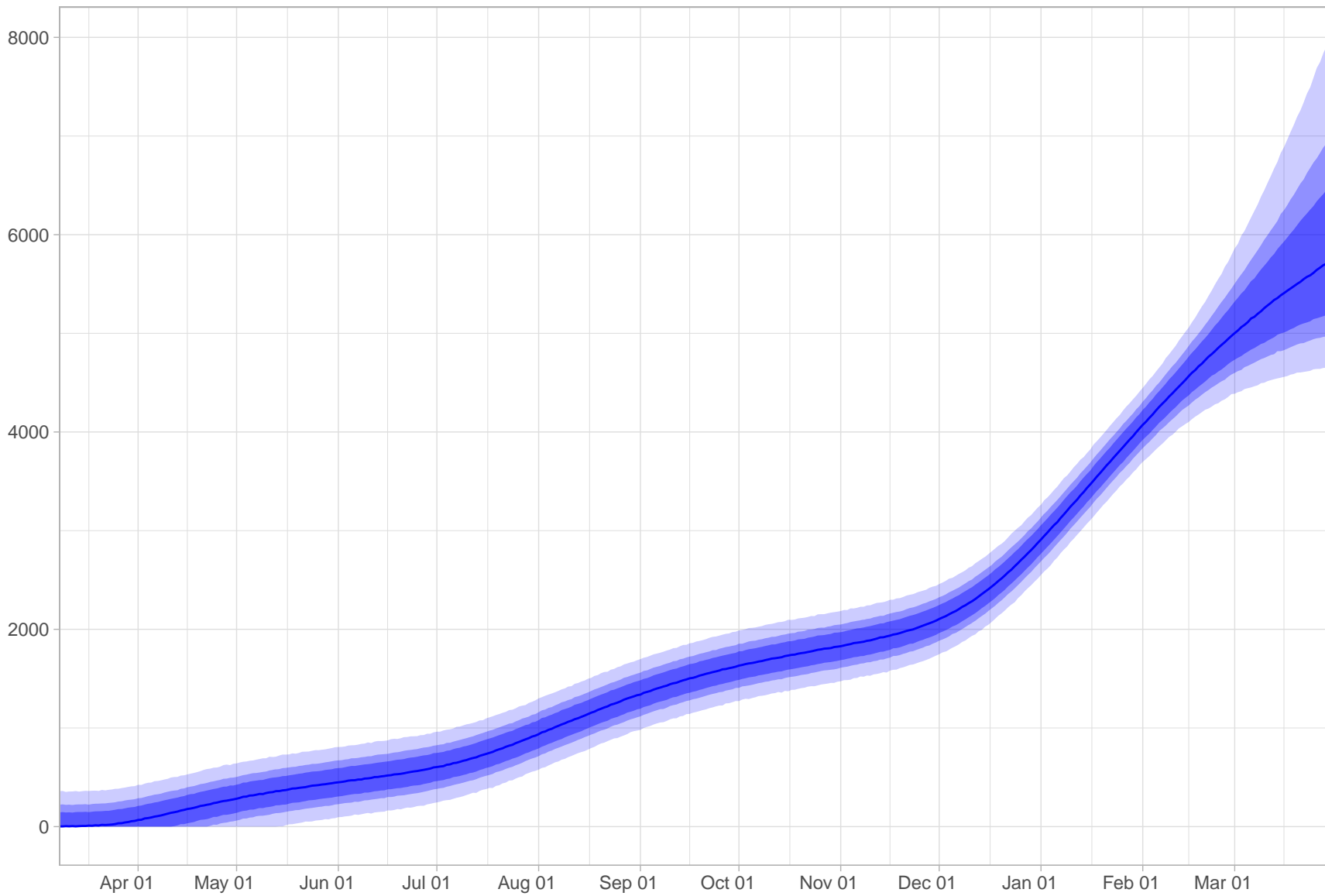
Number of COVID19 Deaths



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

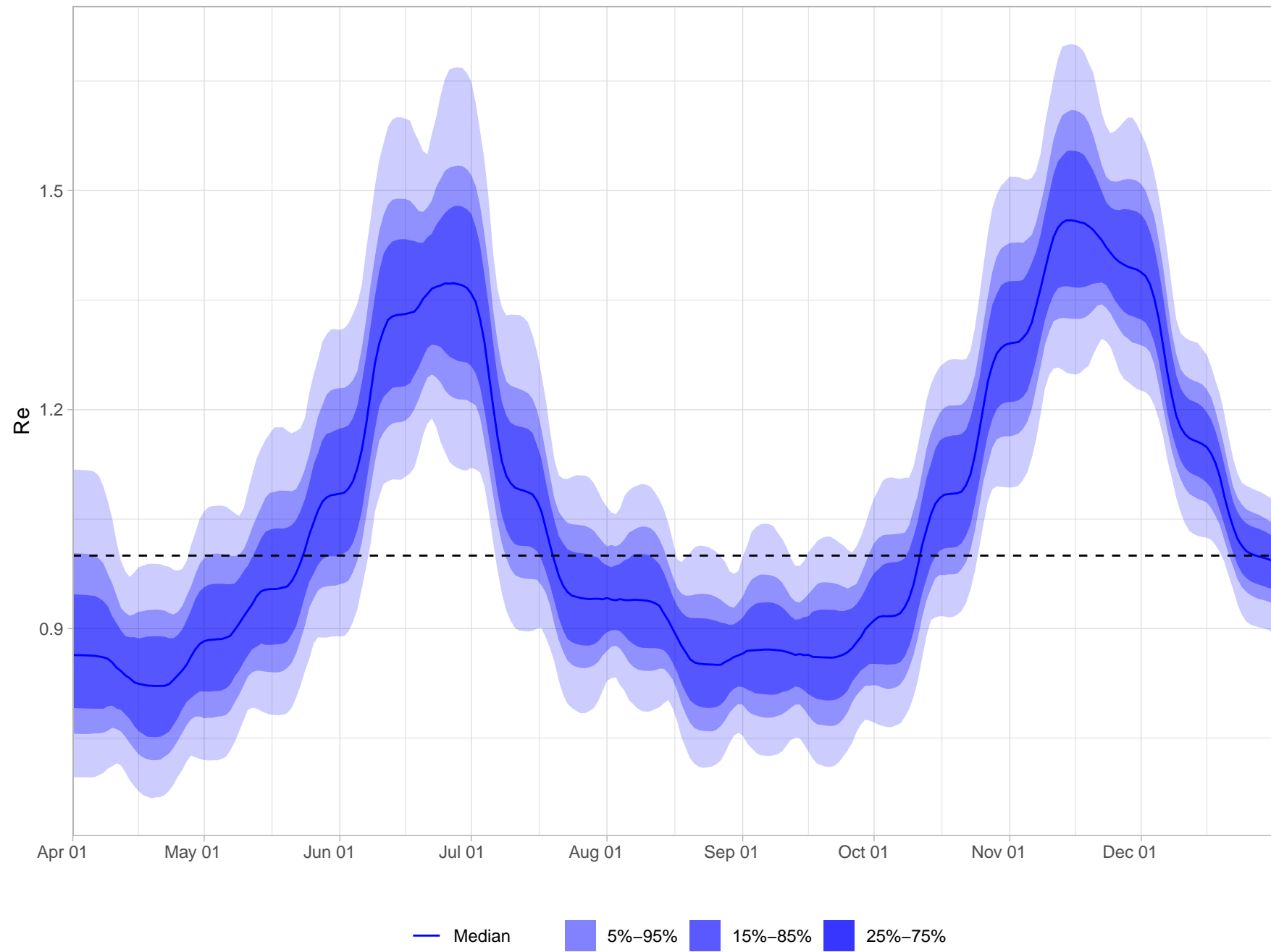
# Long Term Death Projection

Number of COVID19 Deaths



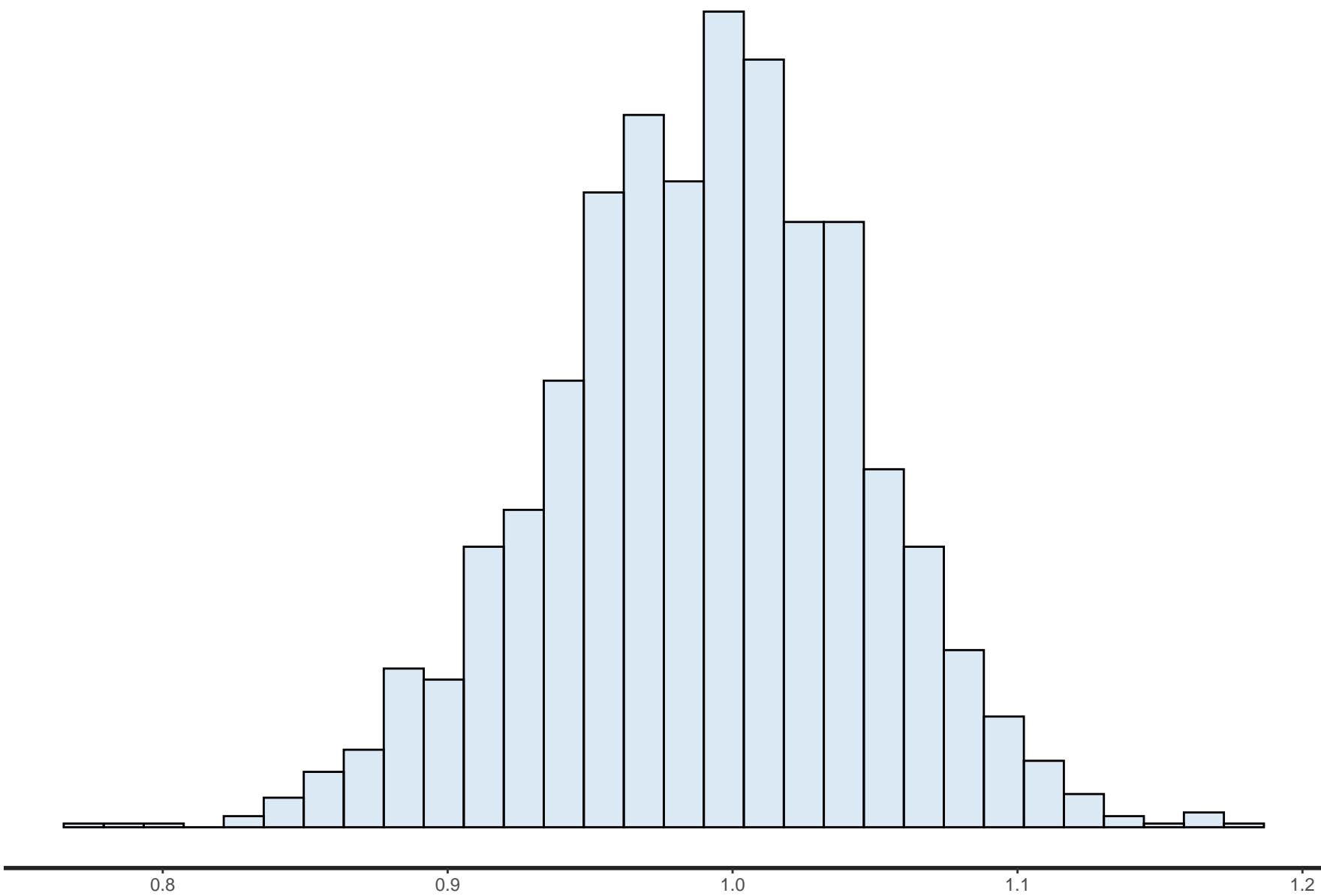
— Median    5%-95%    15%-85%    25%-75%

Effective Reproduction Number

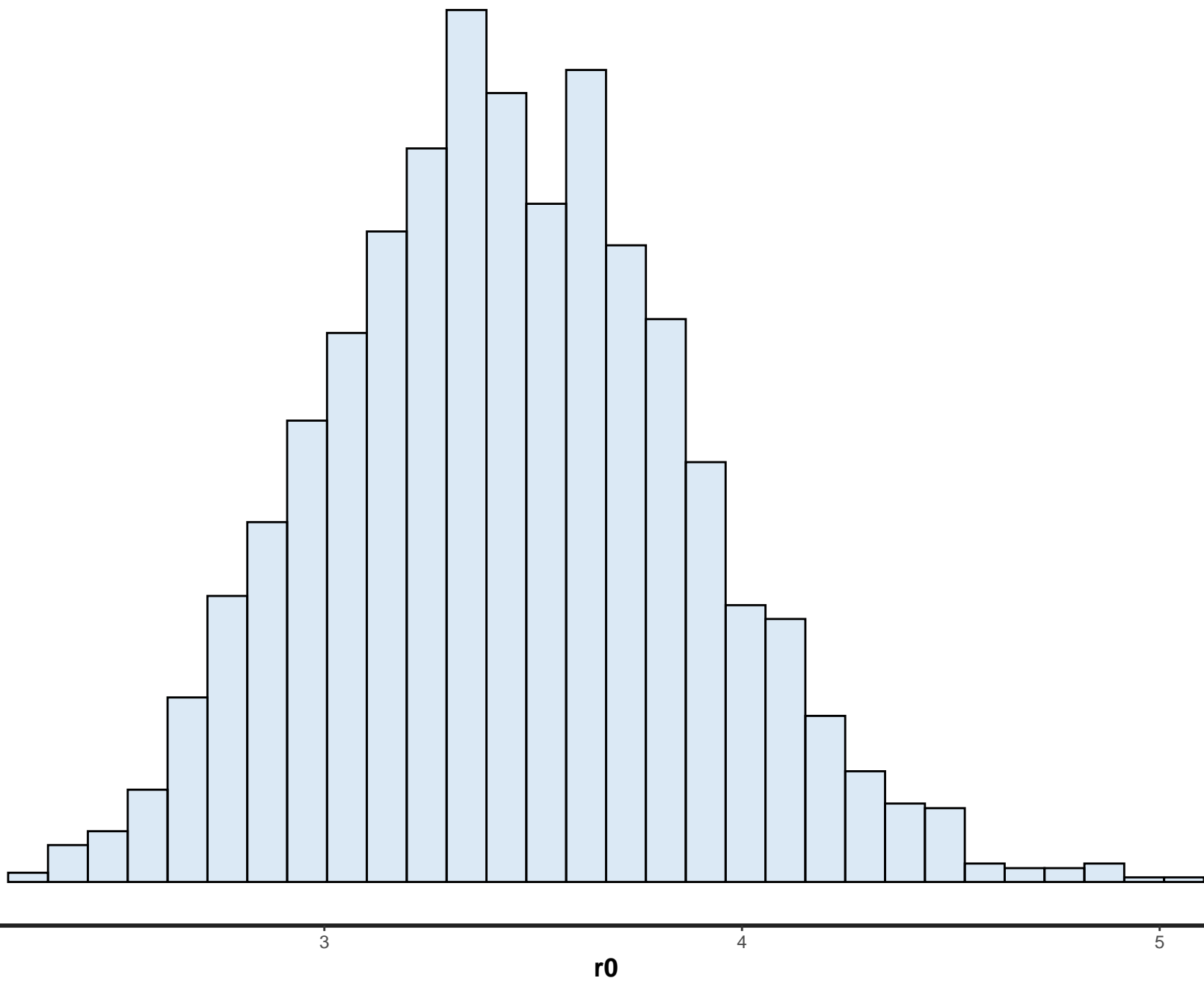


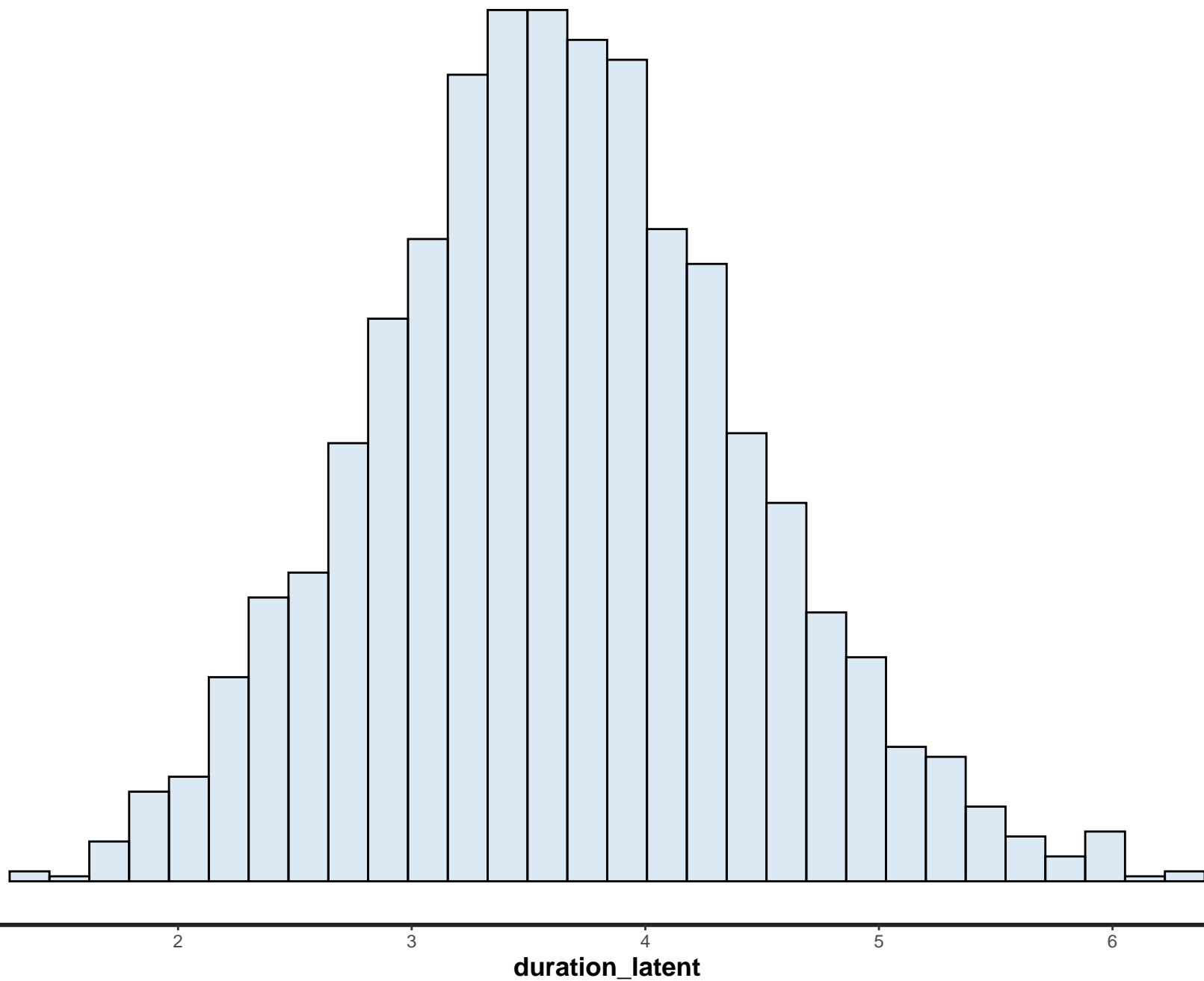
# Rt as of 2020-12-31

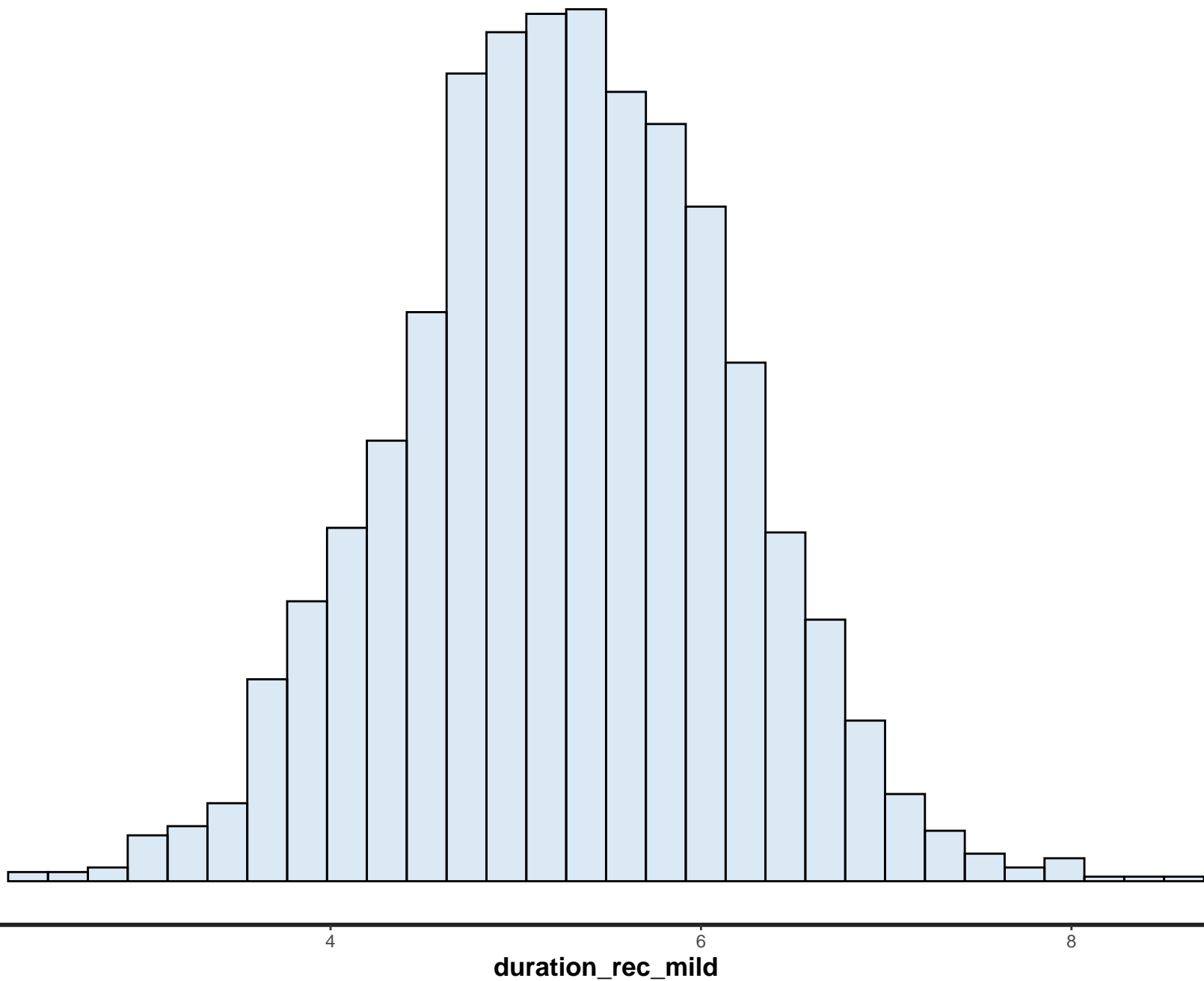
5%	10%	25%	50%	75%	90%	95%
0.89	0.92	0.95	0.99	1.03	1.06	1.08

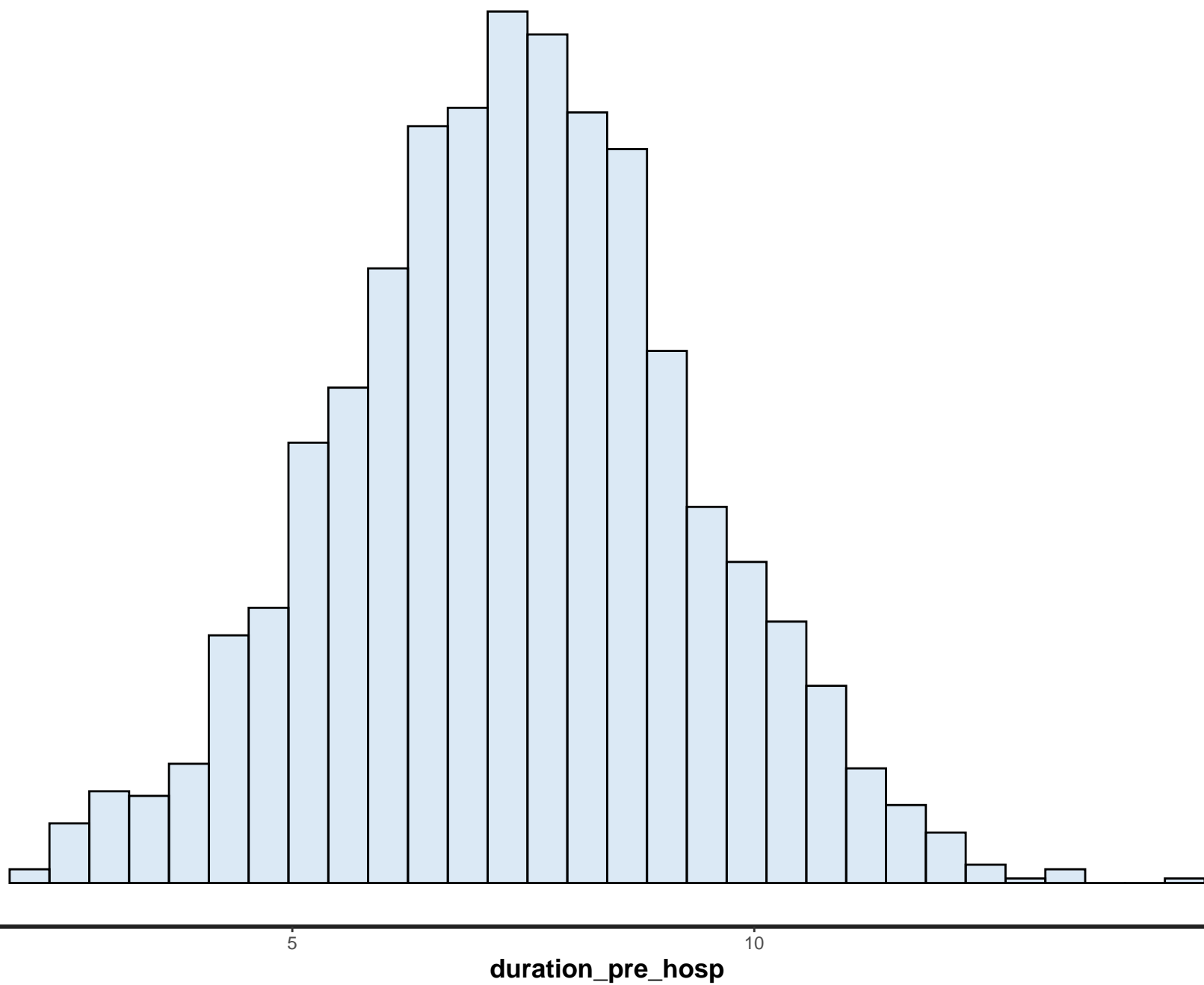


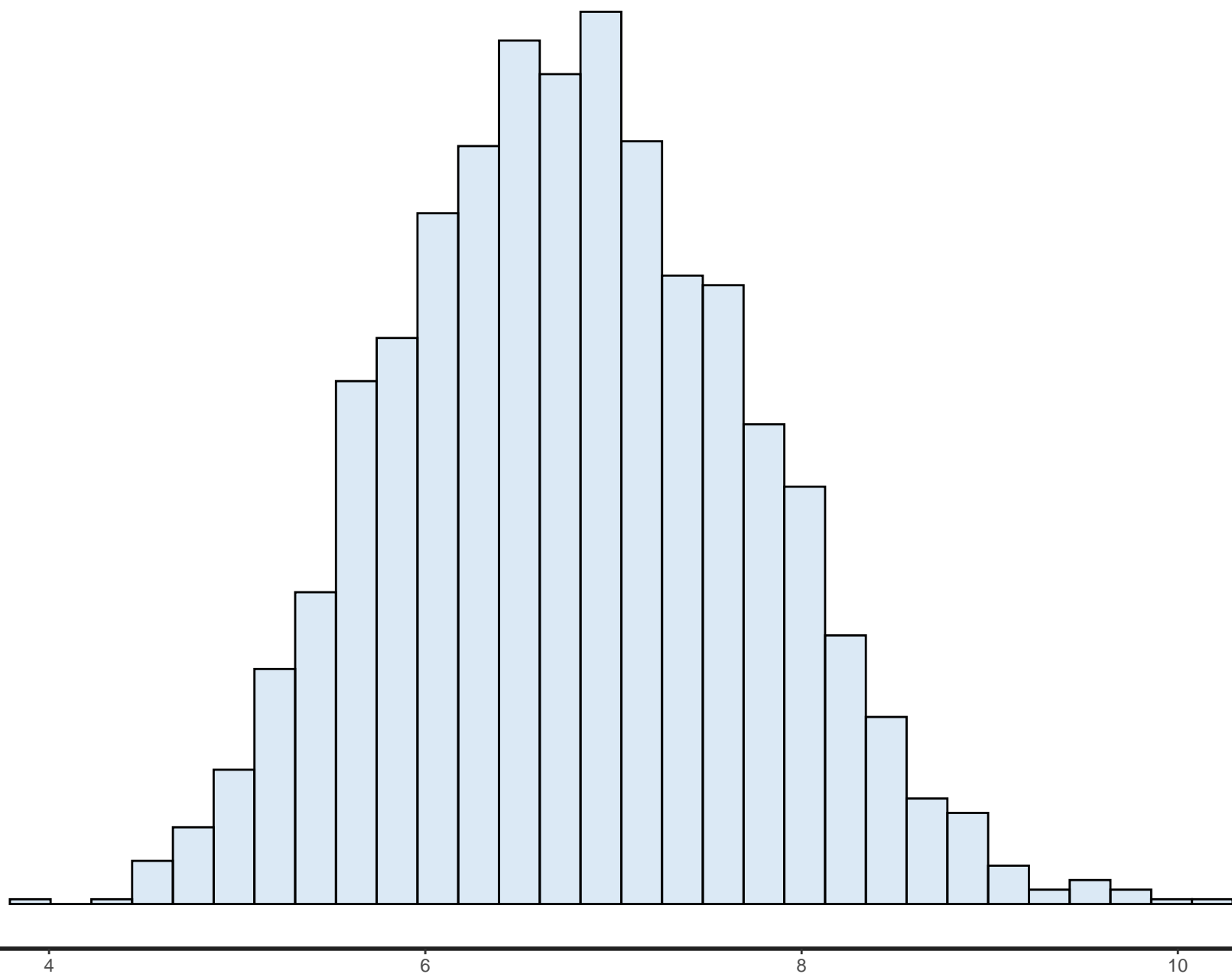


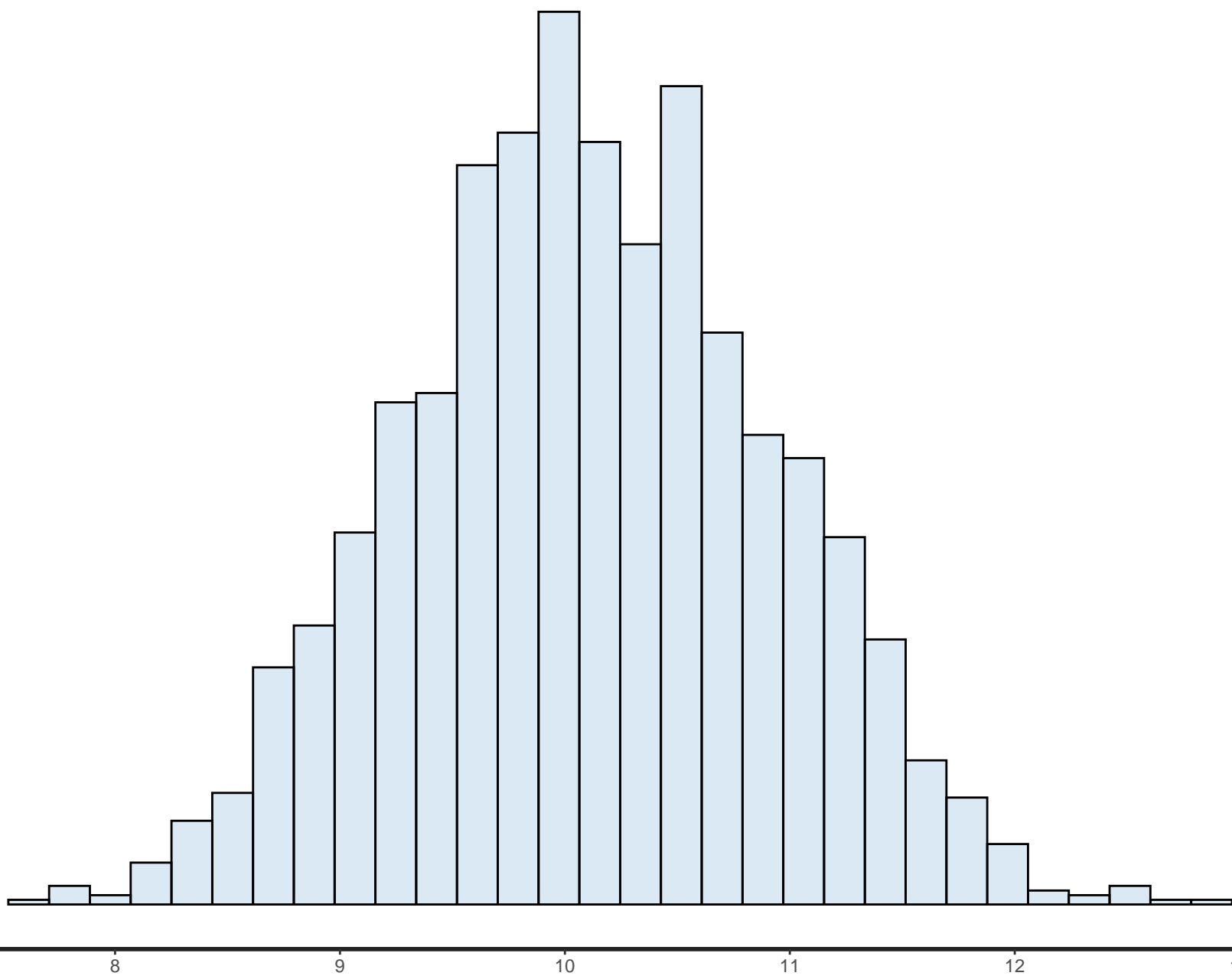


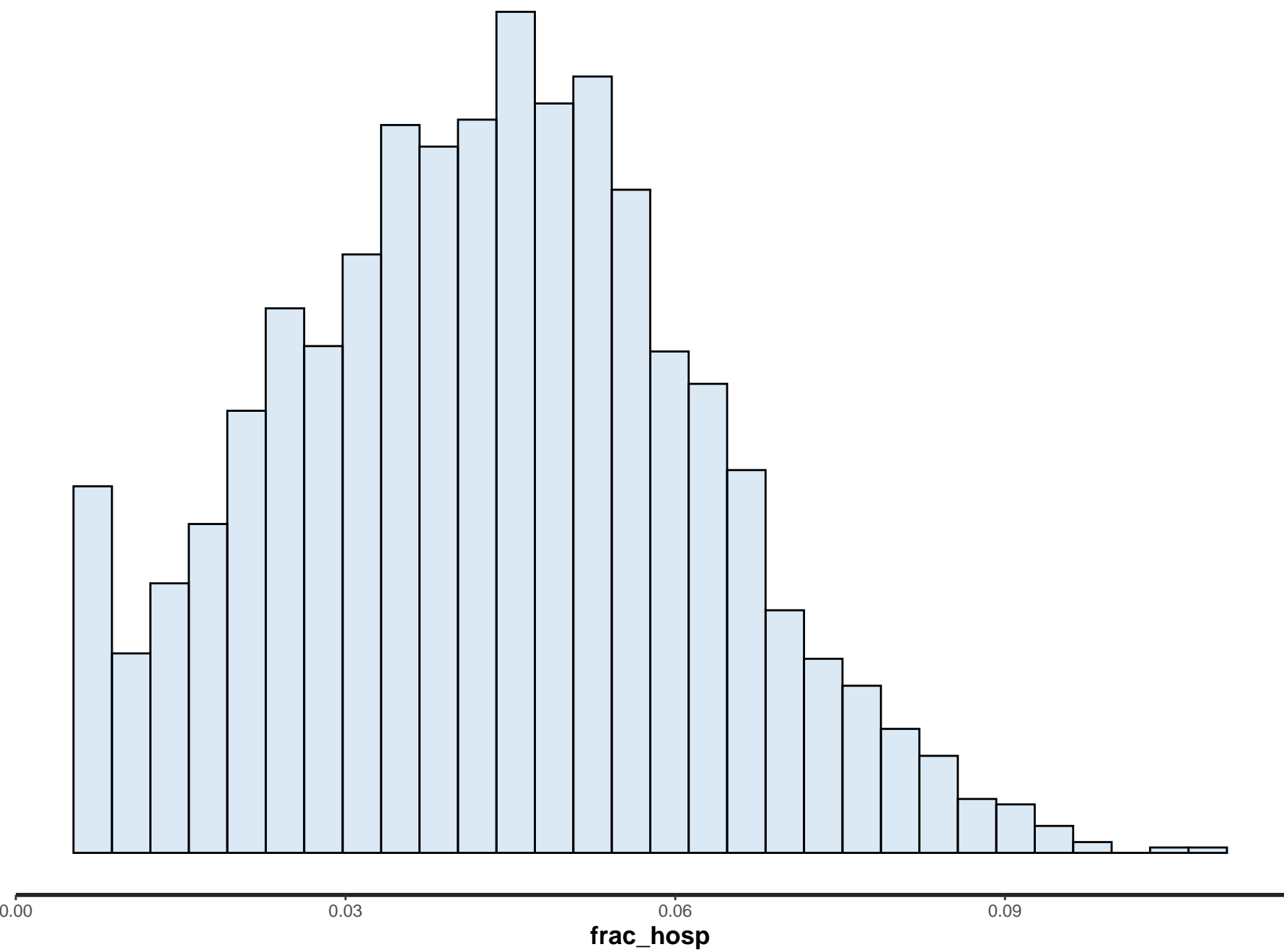


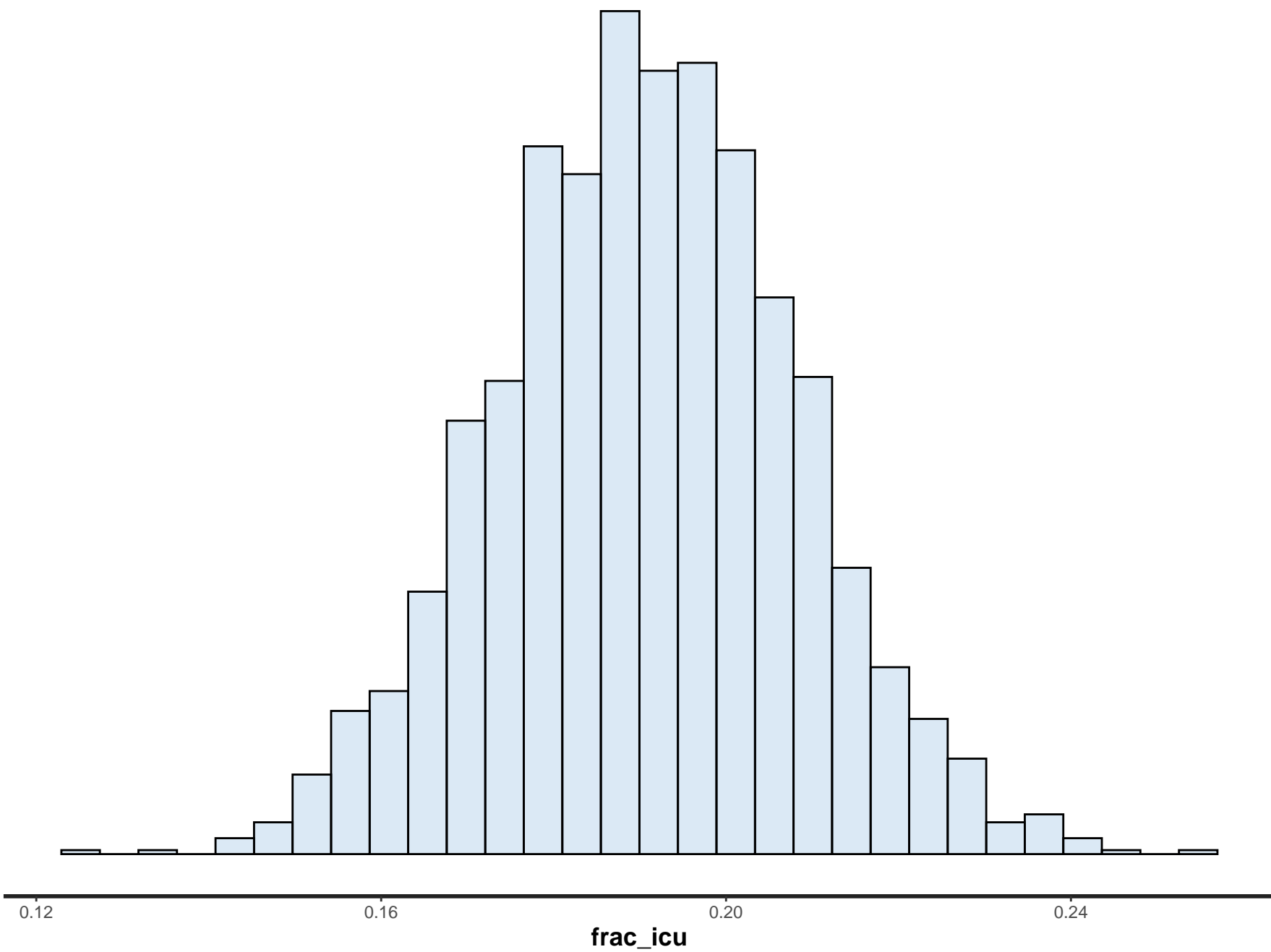




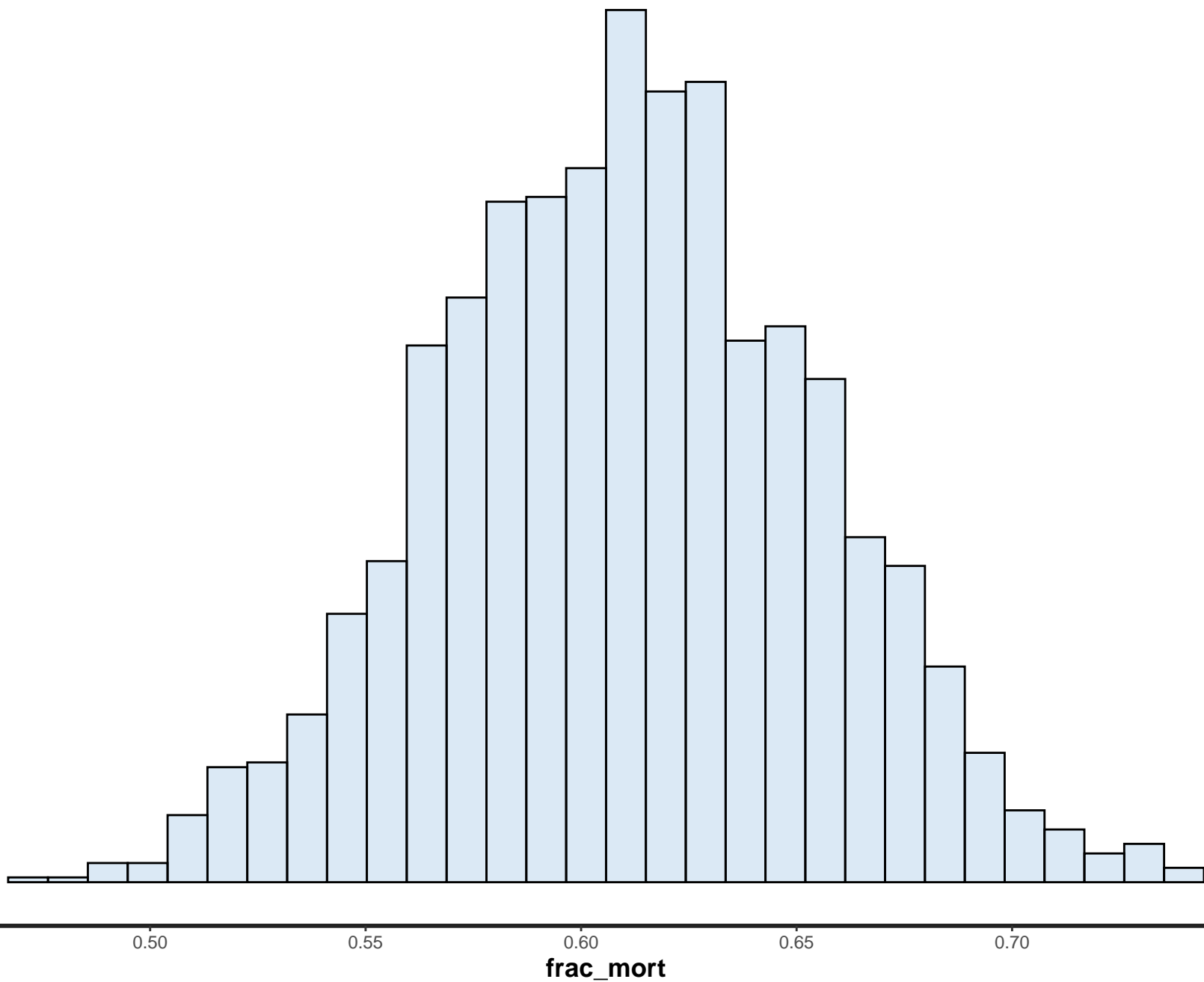




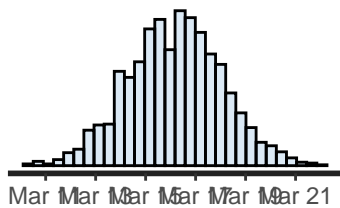
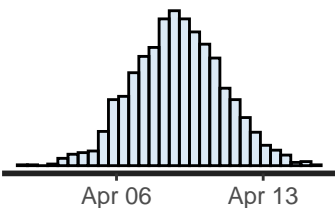
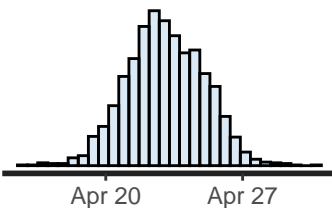
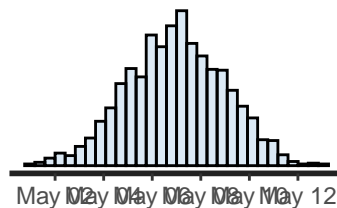
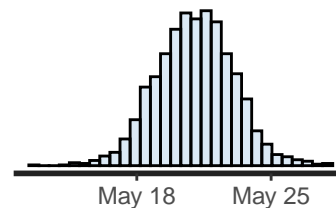
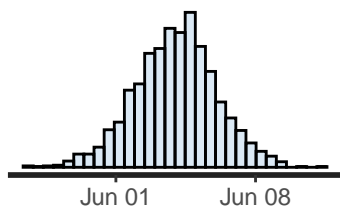
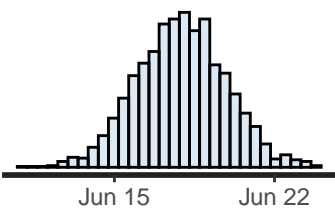
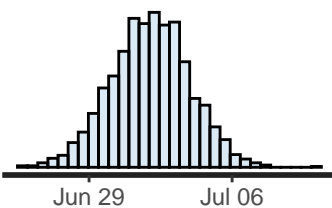
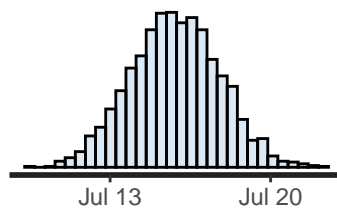
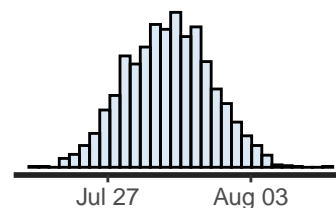
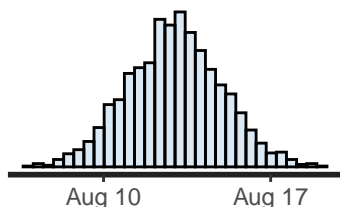
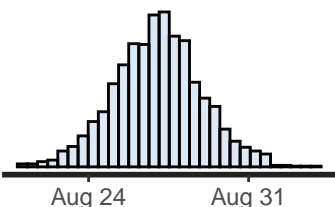
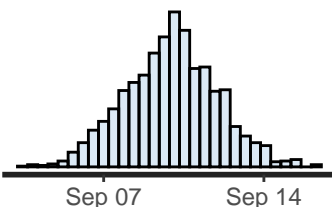
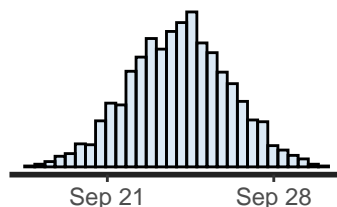
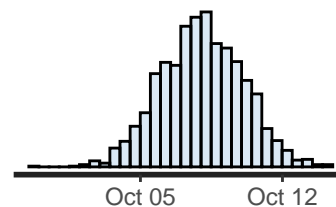
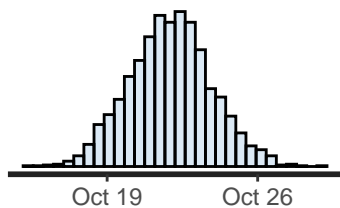
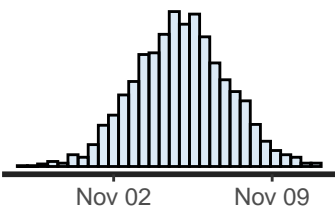
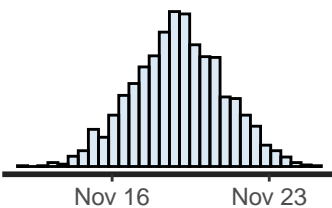
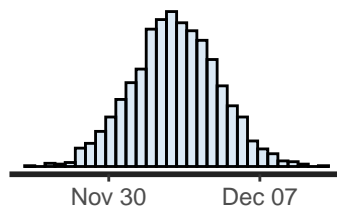
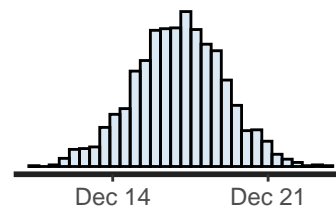
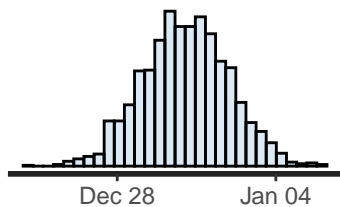
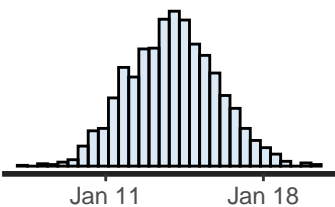


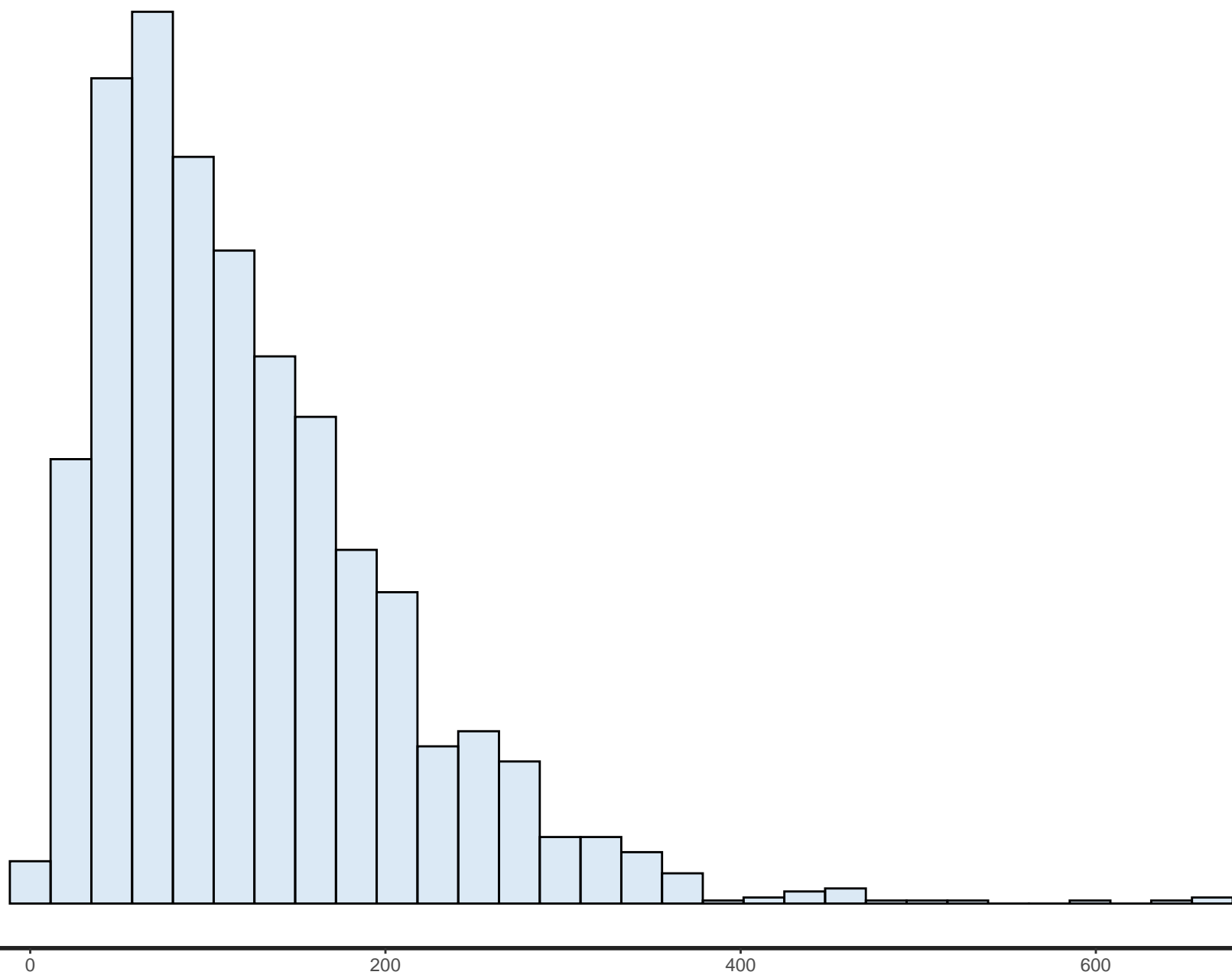




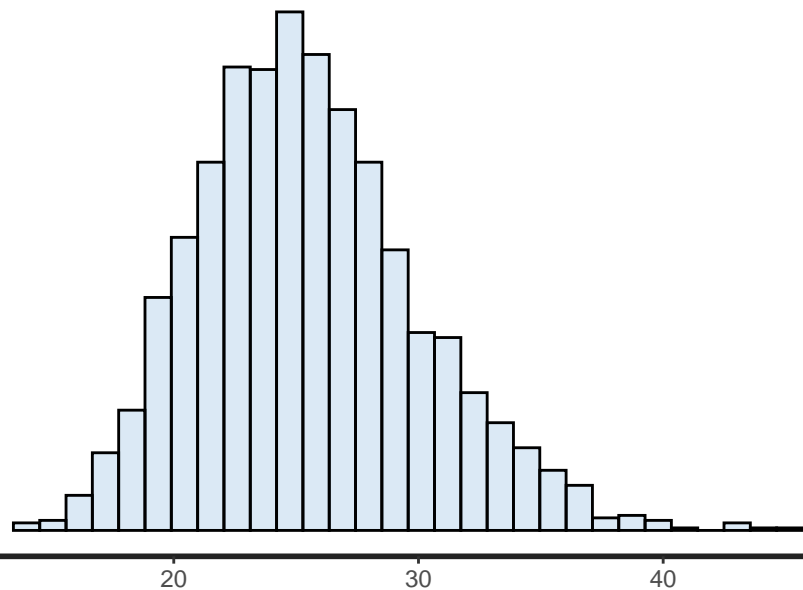




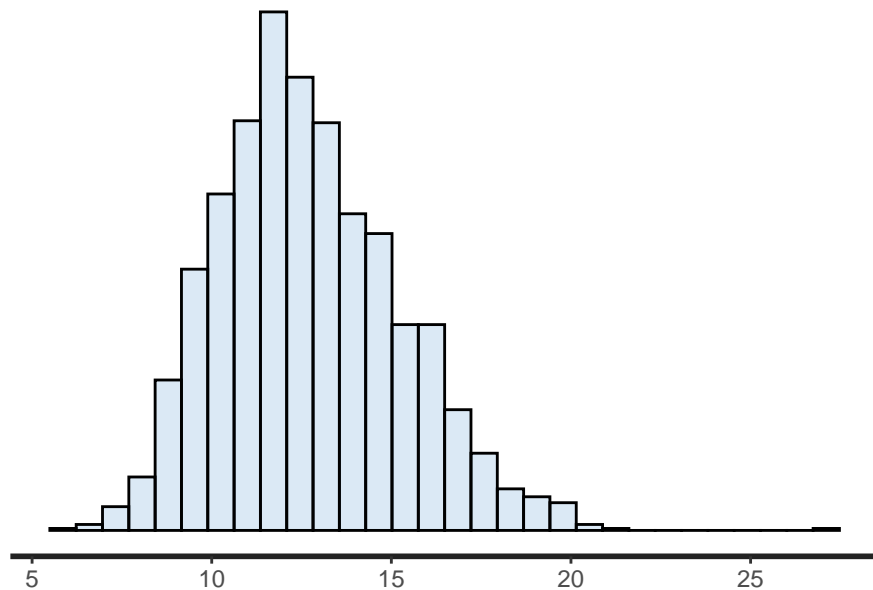
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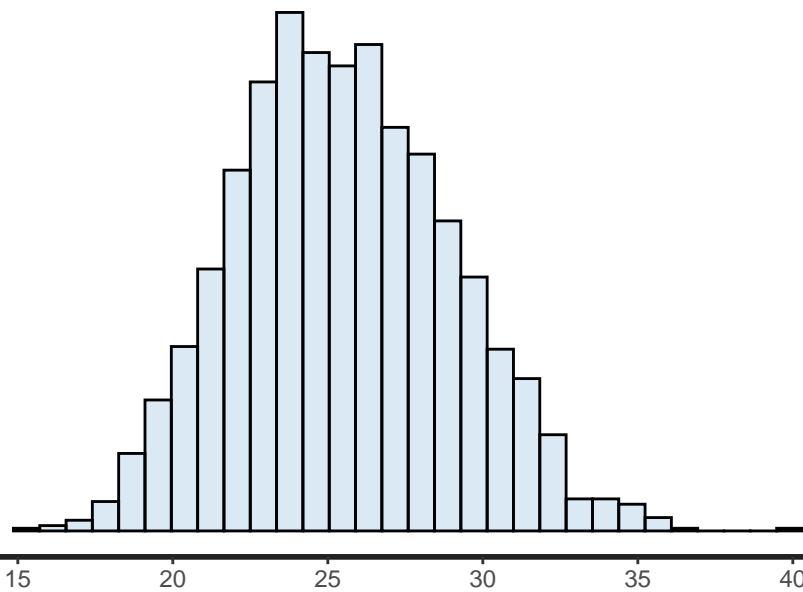
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

