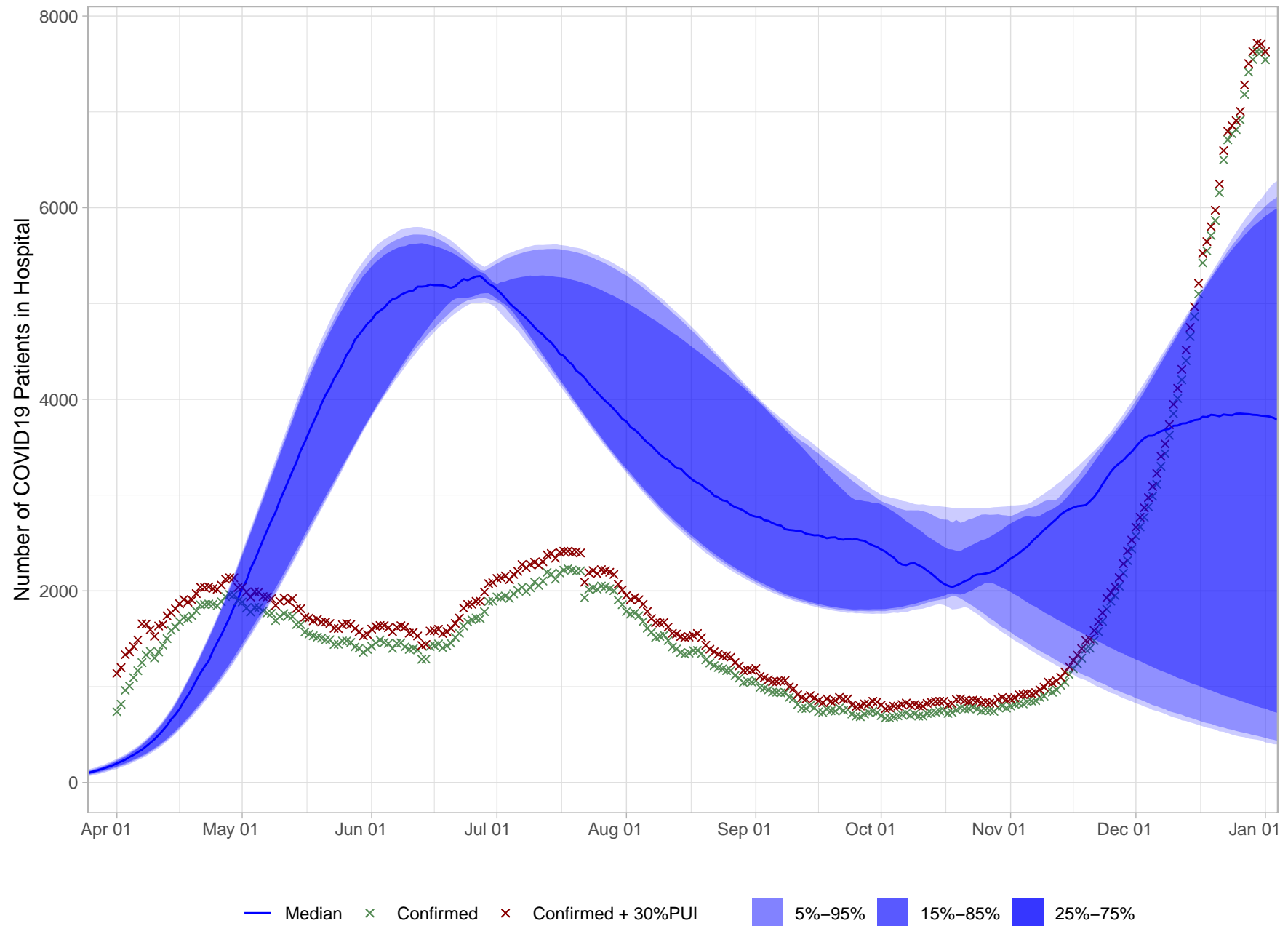
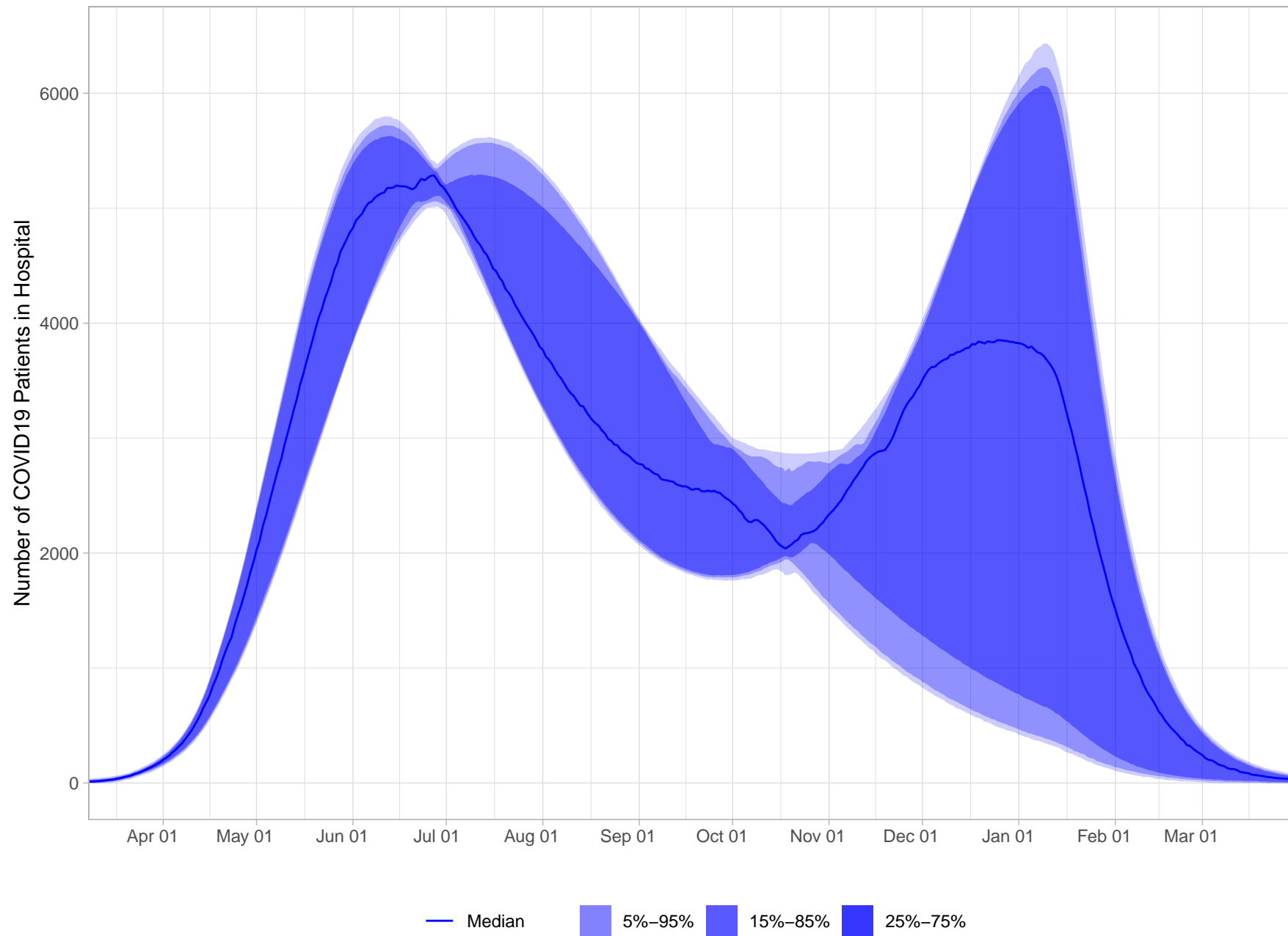


# Short Term Hospitalization Projection

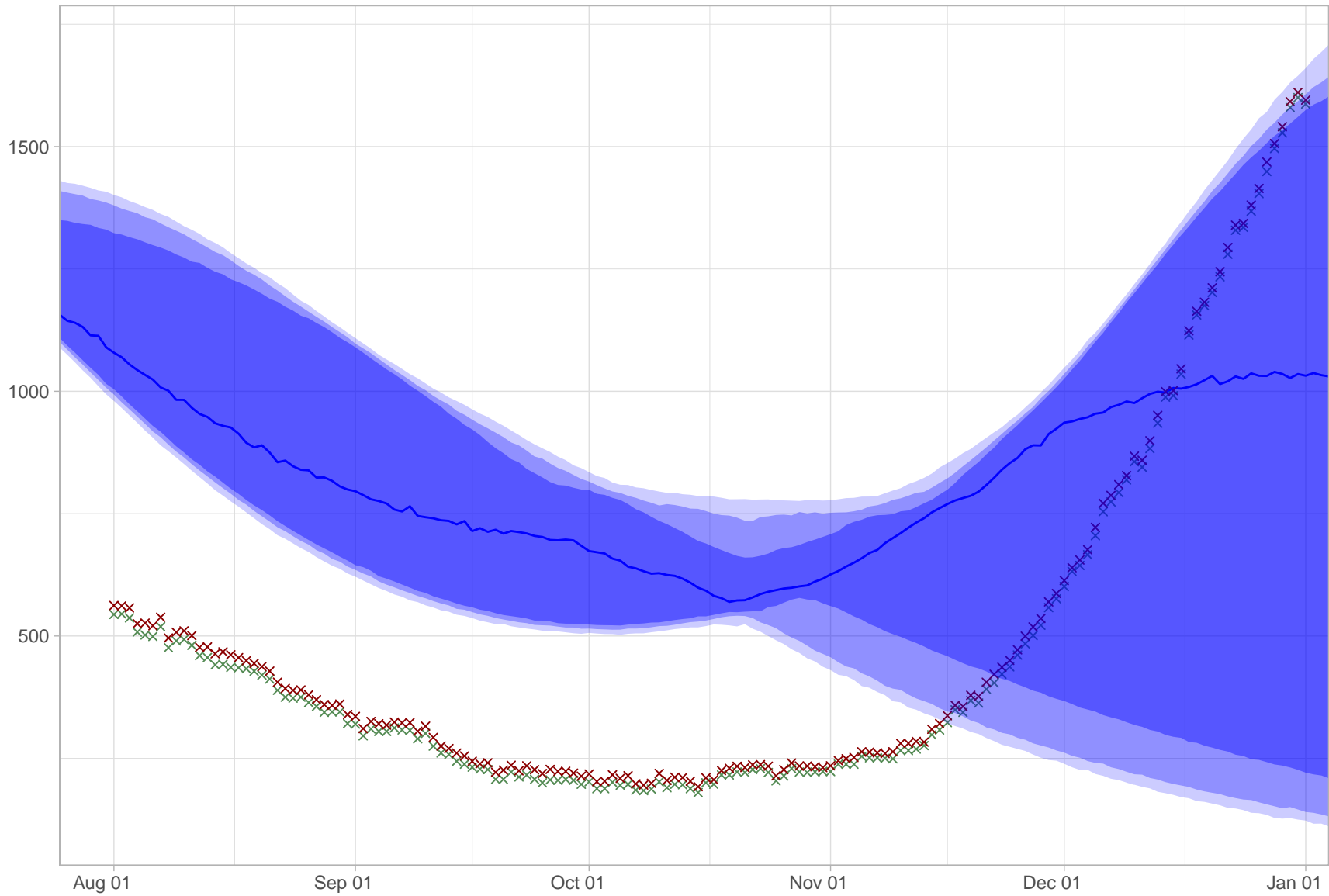


# Long Term Hospitalization Projection



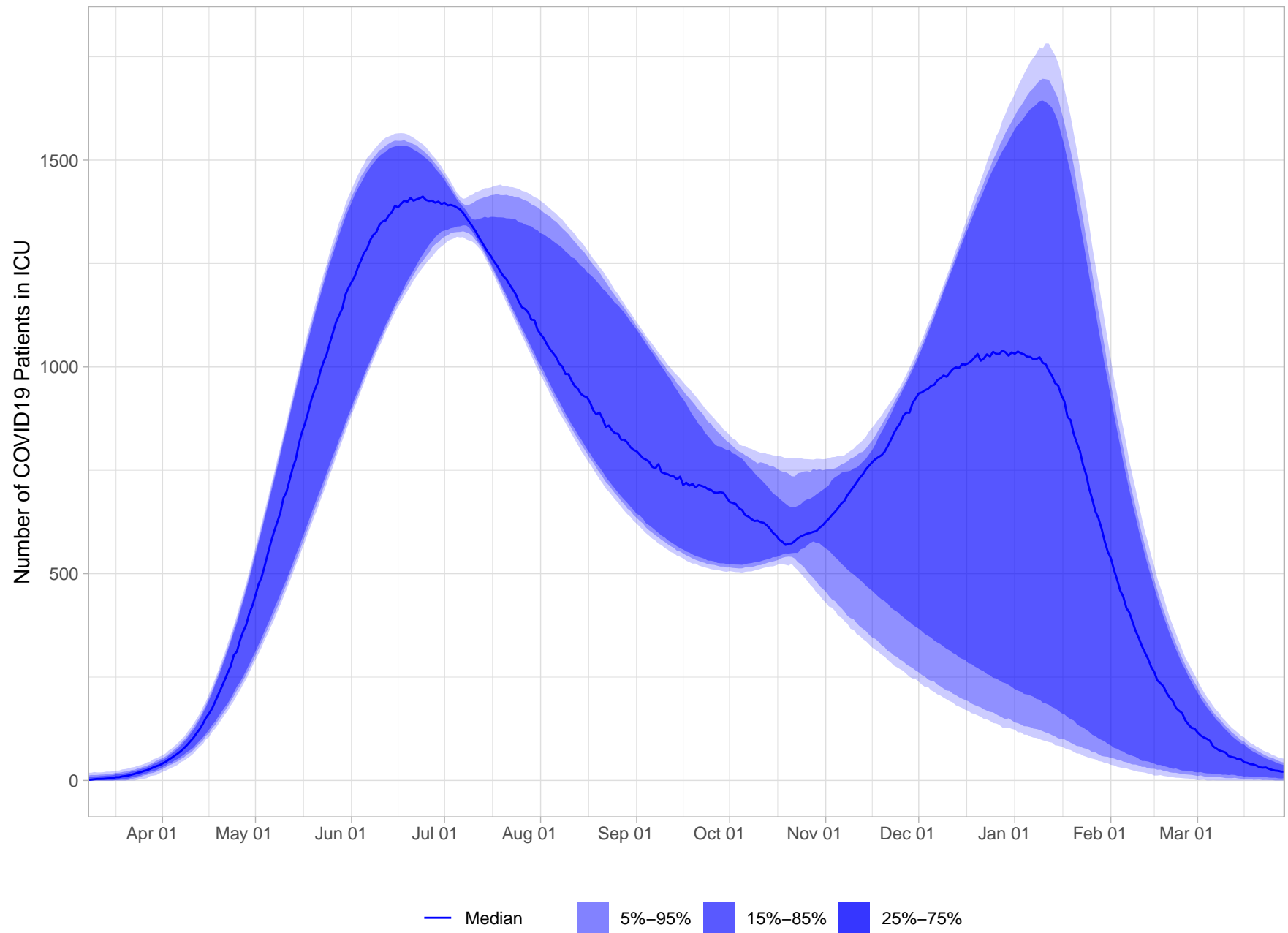
# Short Term ICU Projection

Number of COVID19 Patients in ICU



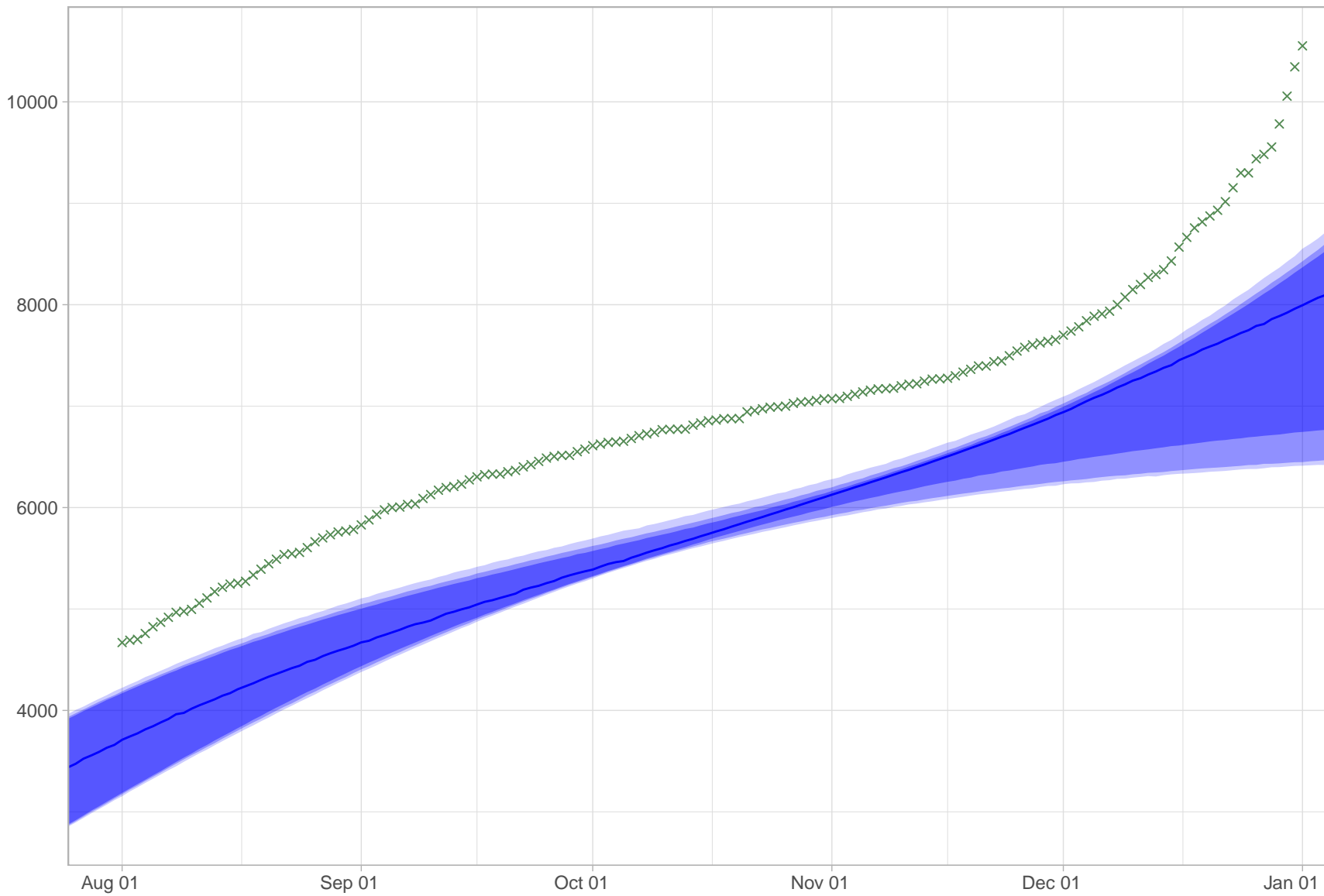
— Median    x Confirmed    x Confirmed + 30%PUI    5%-95%    15%-85%    25%-75%

# Long Term ICU Projection



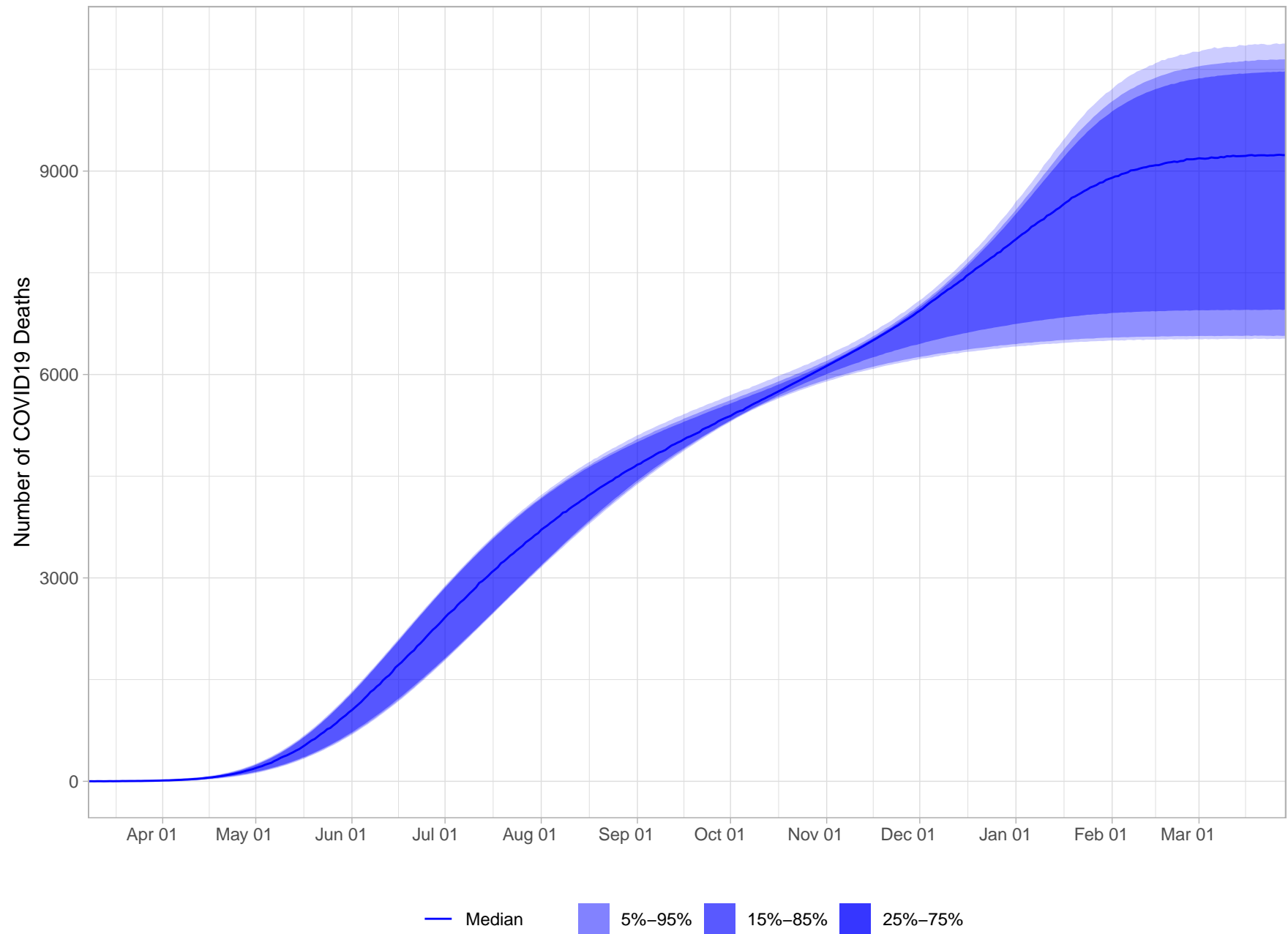
# Short Term Death Projection

Number of COVID19 Deaths

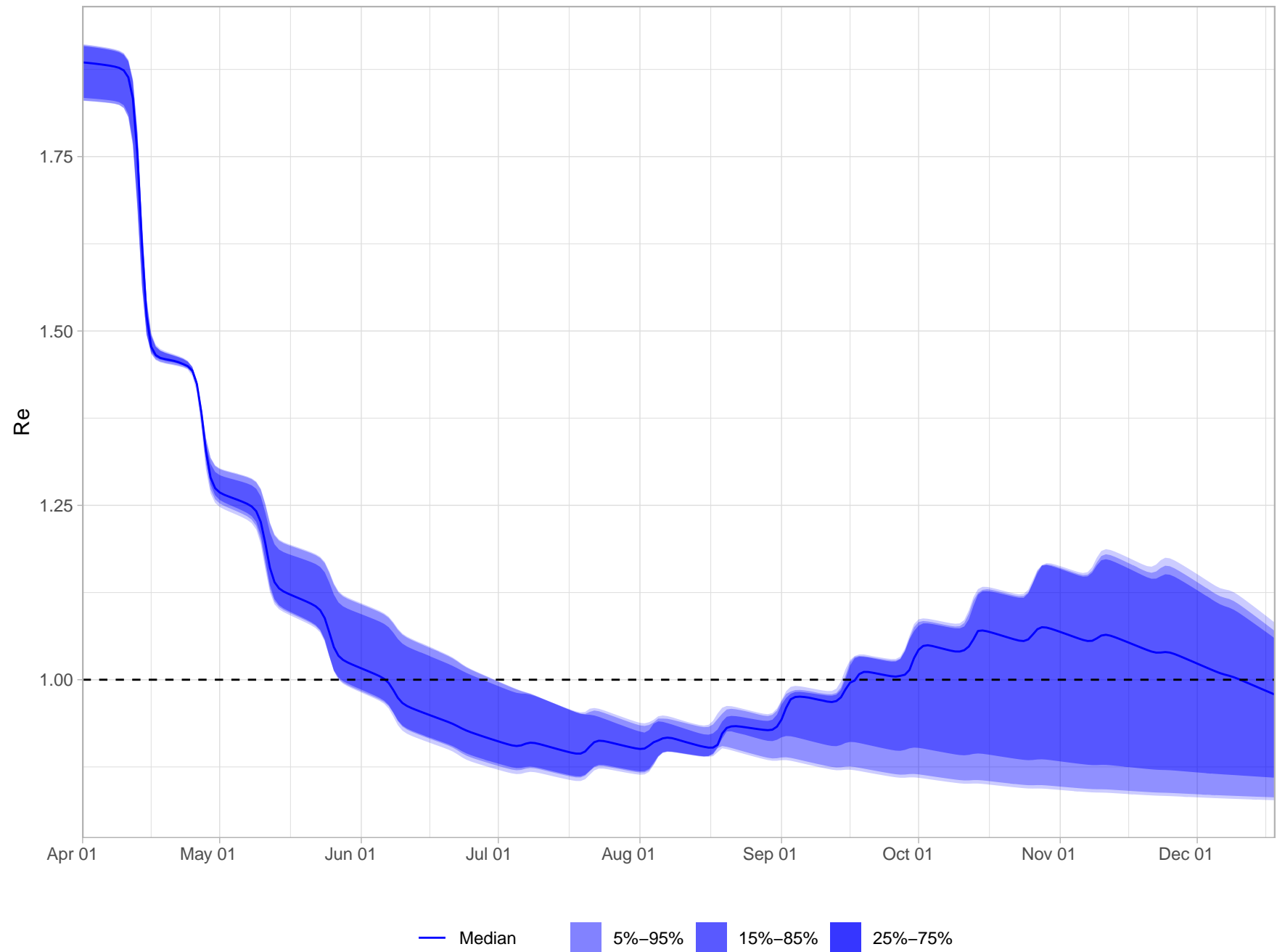


— Median    x Confirmed    5%–95%    15%–85%    25%–75%

# Long Term Death Projection

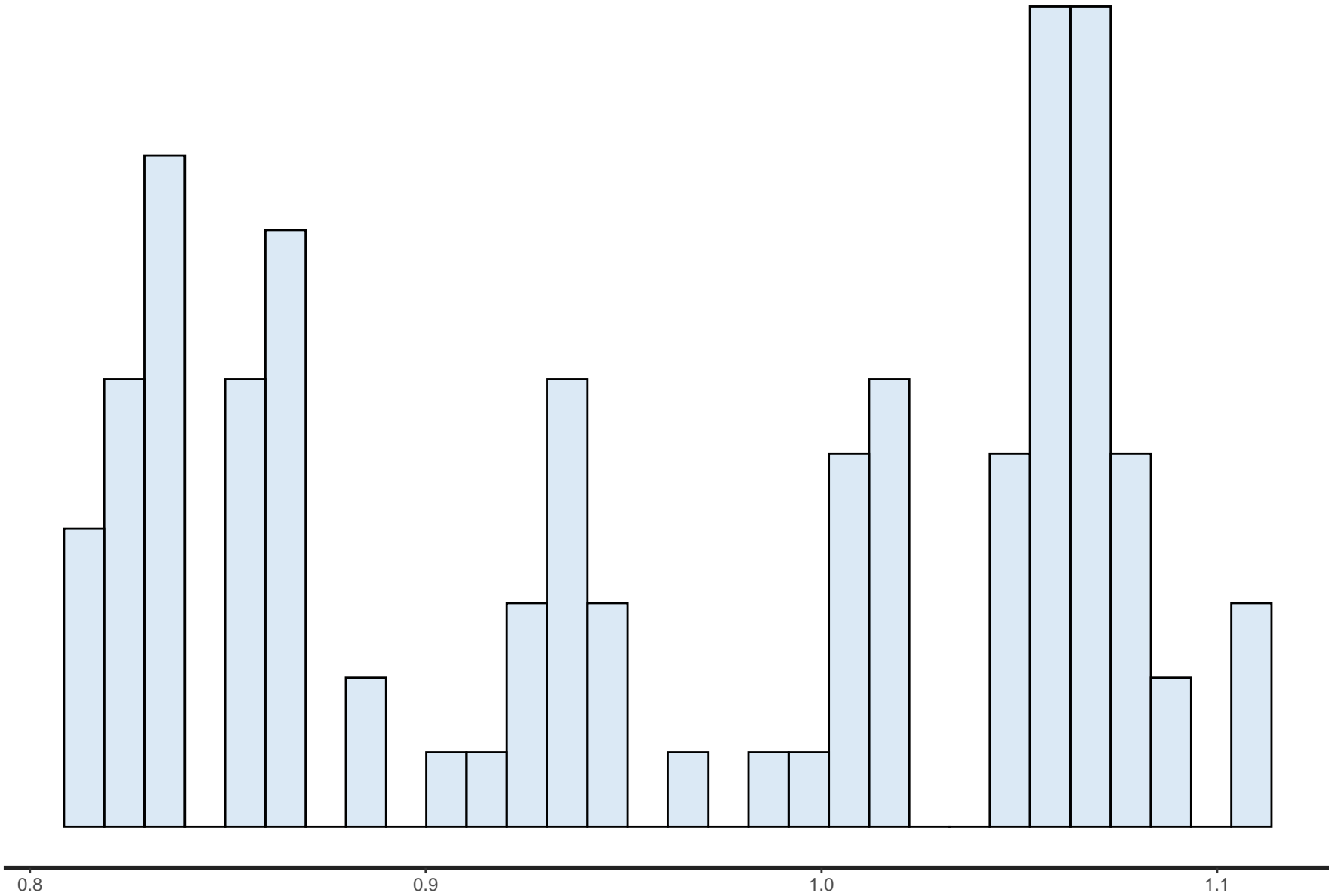


# Effective Reproduction Number

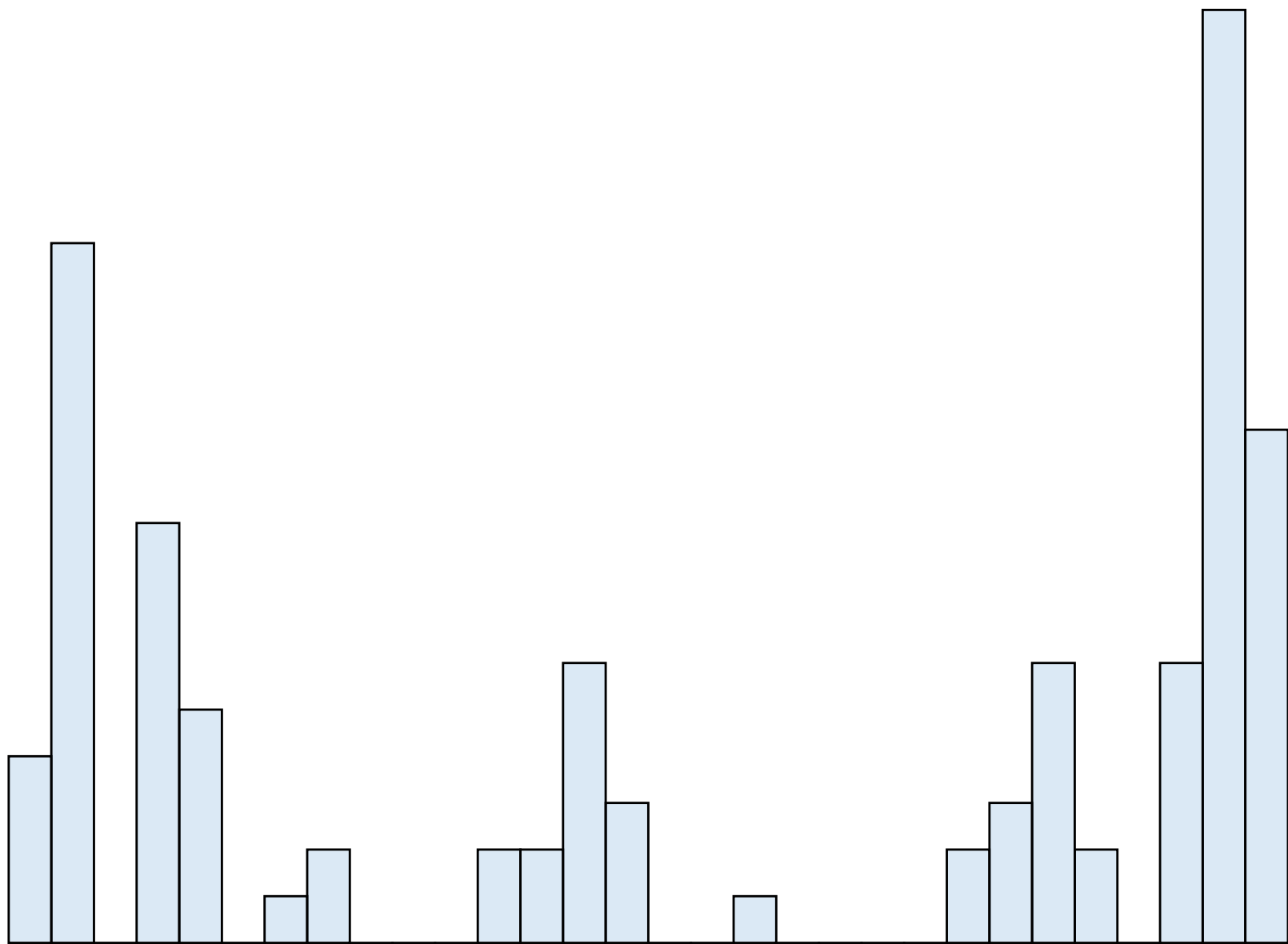


# Rt as of 2020-12-18

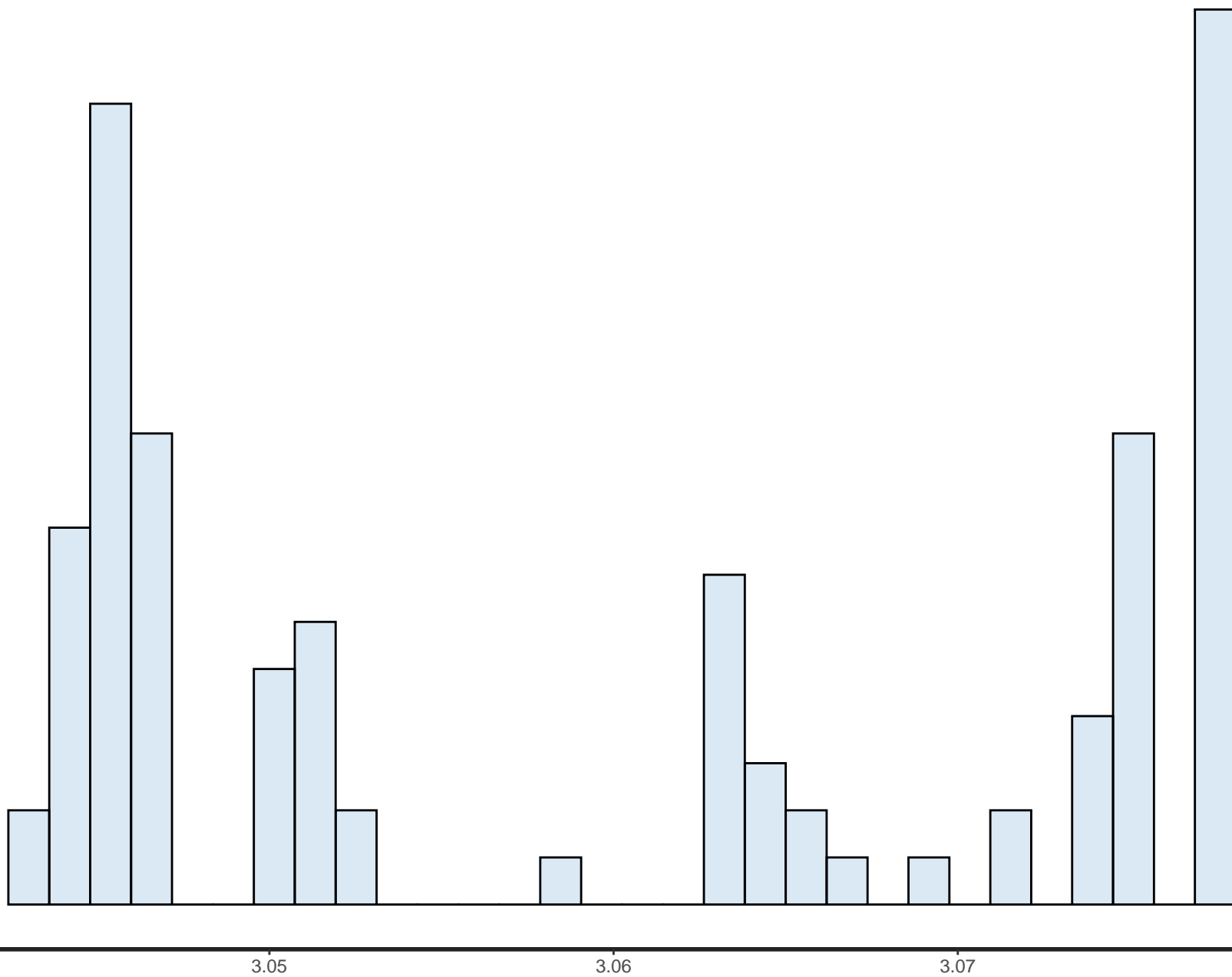
5% 10% 25% 50% 75% 90% 95%  
0.83 0.83 0.86 0.98 1.06 1.07 1.08

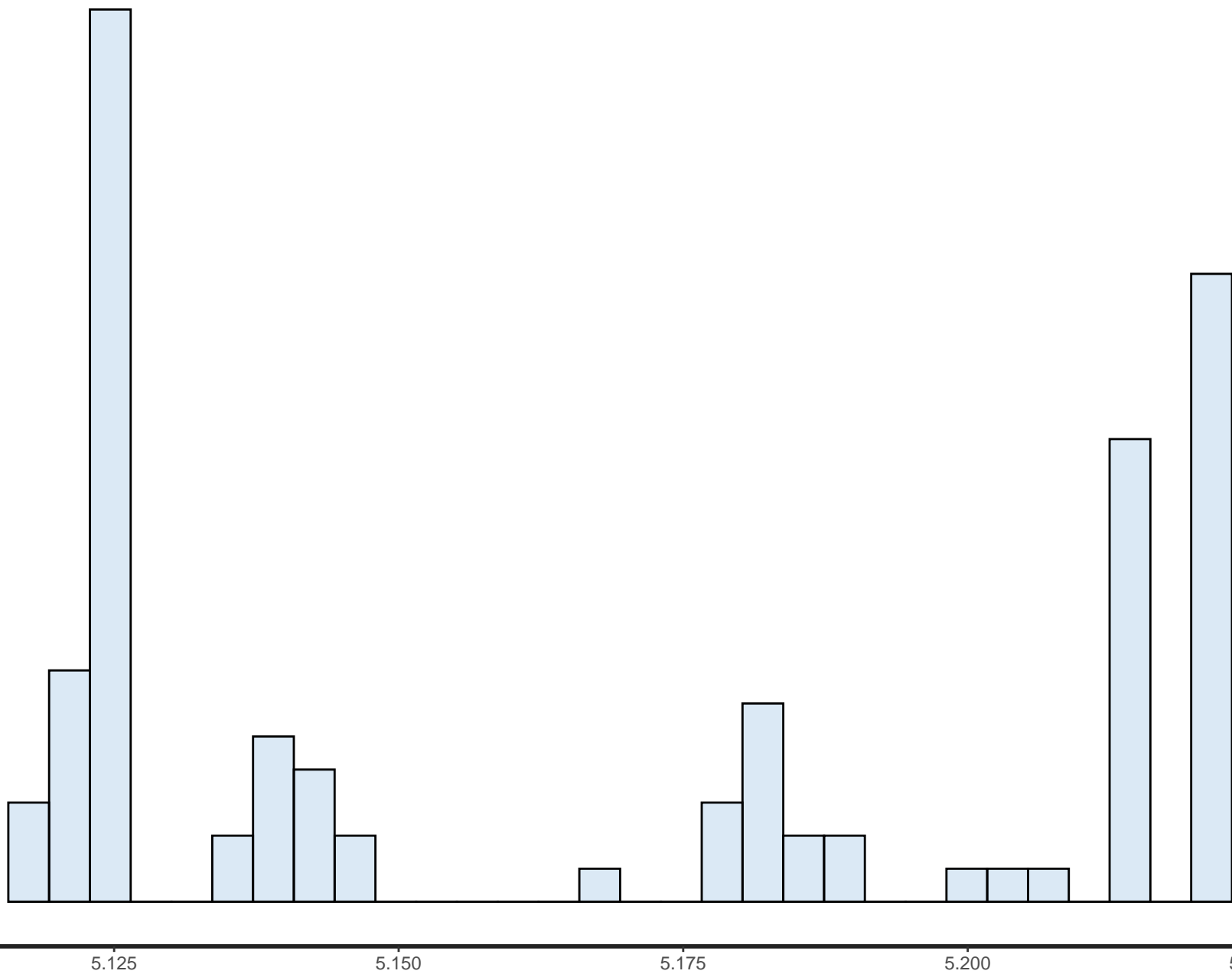


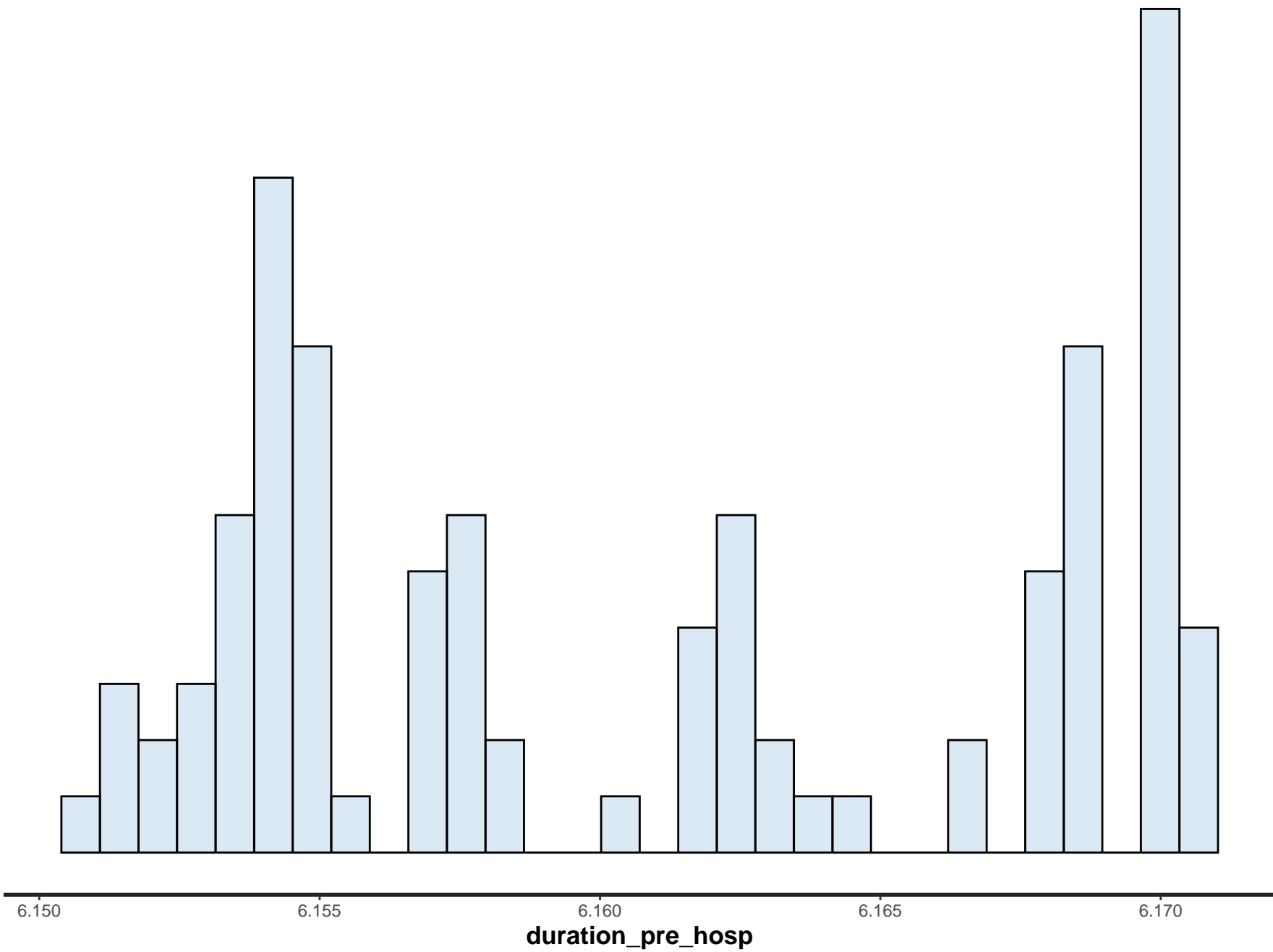


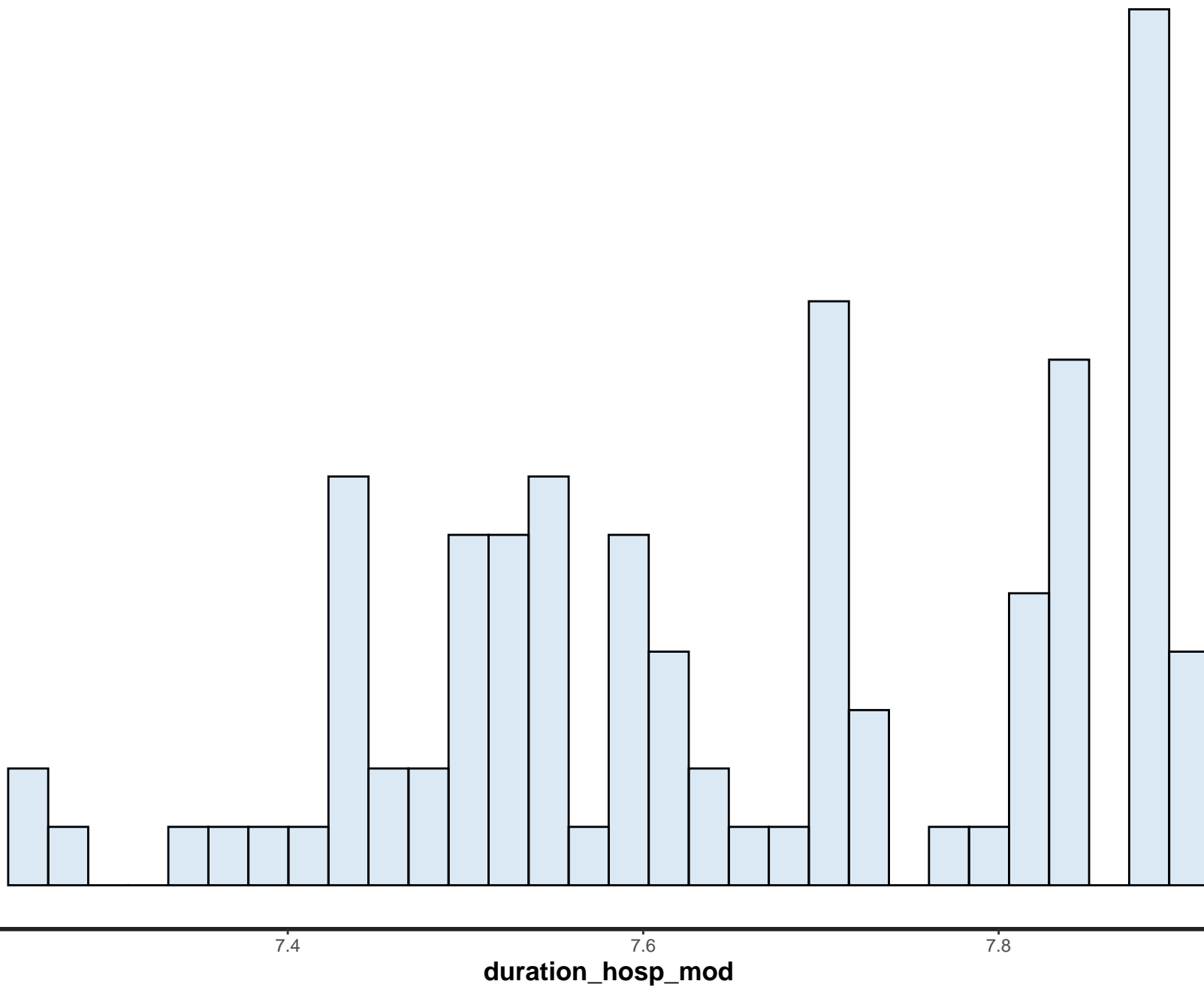


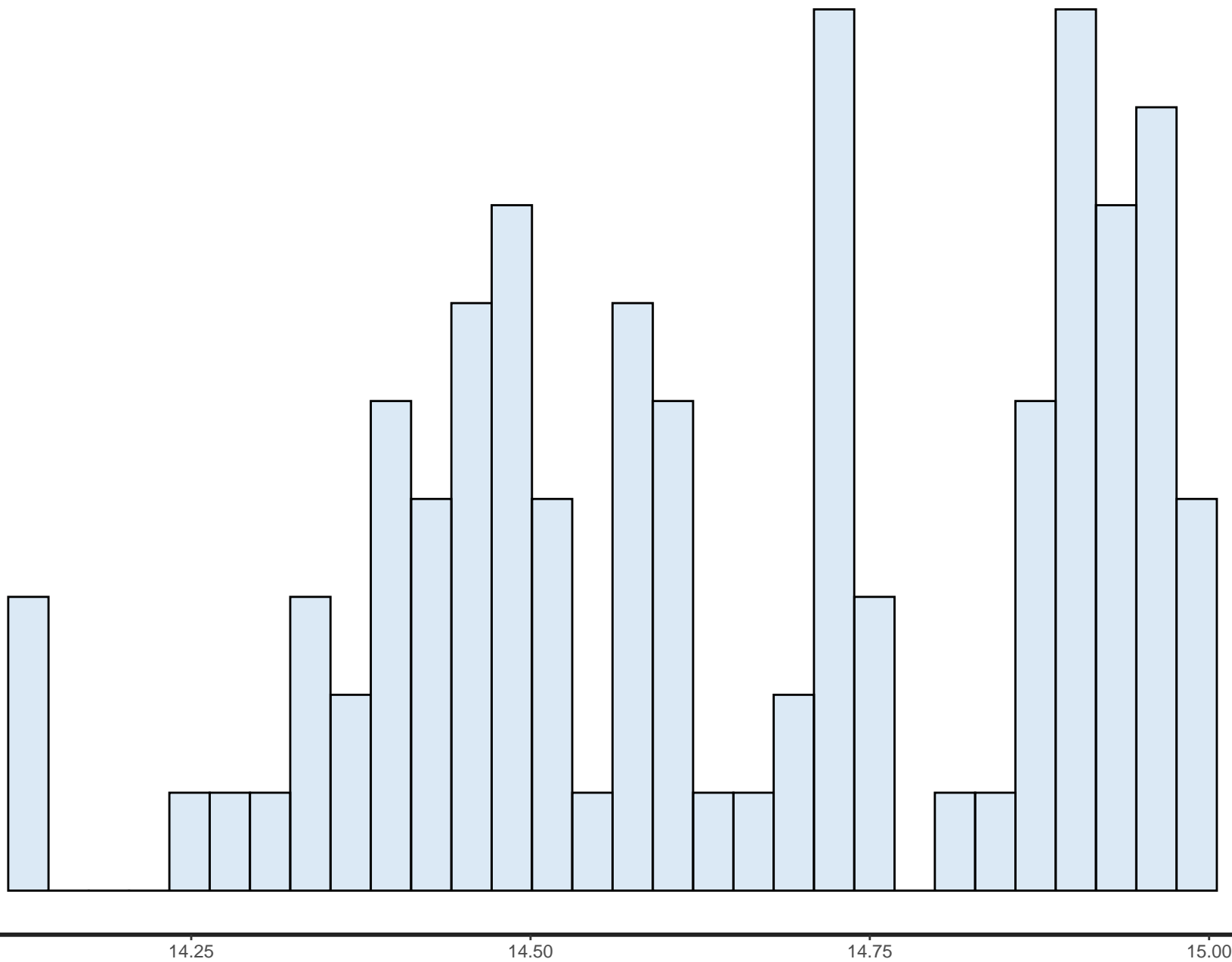
$r_0$

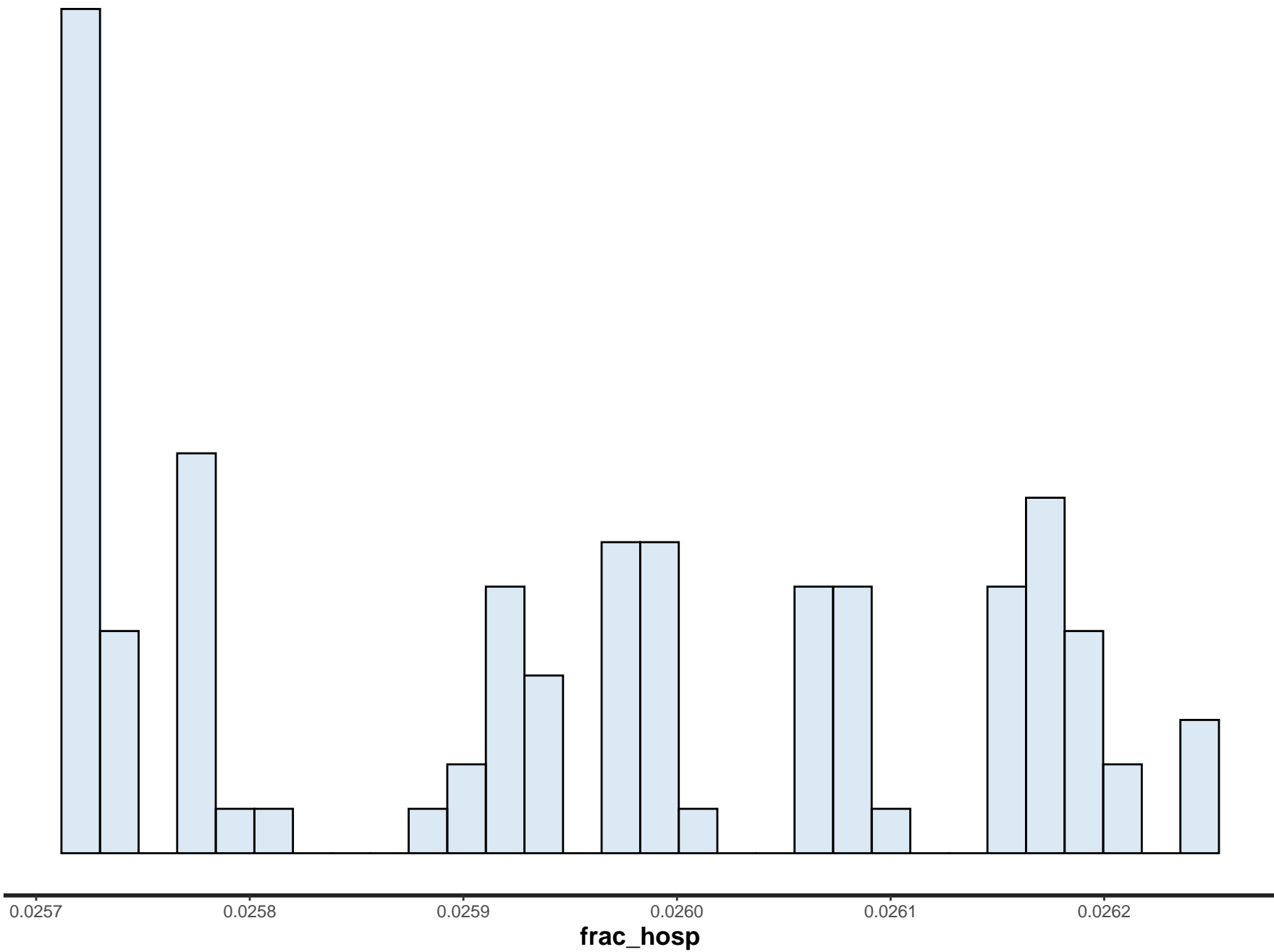


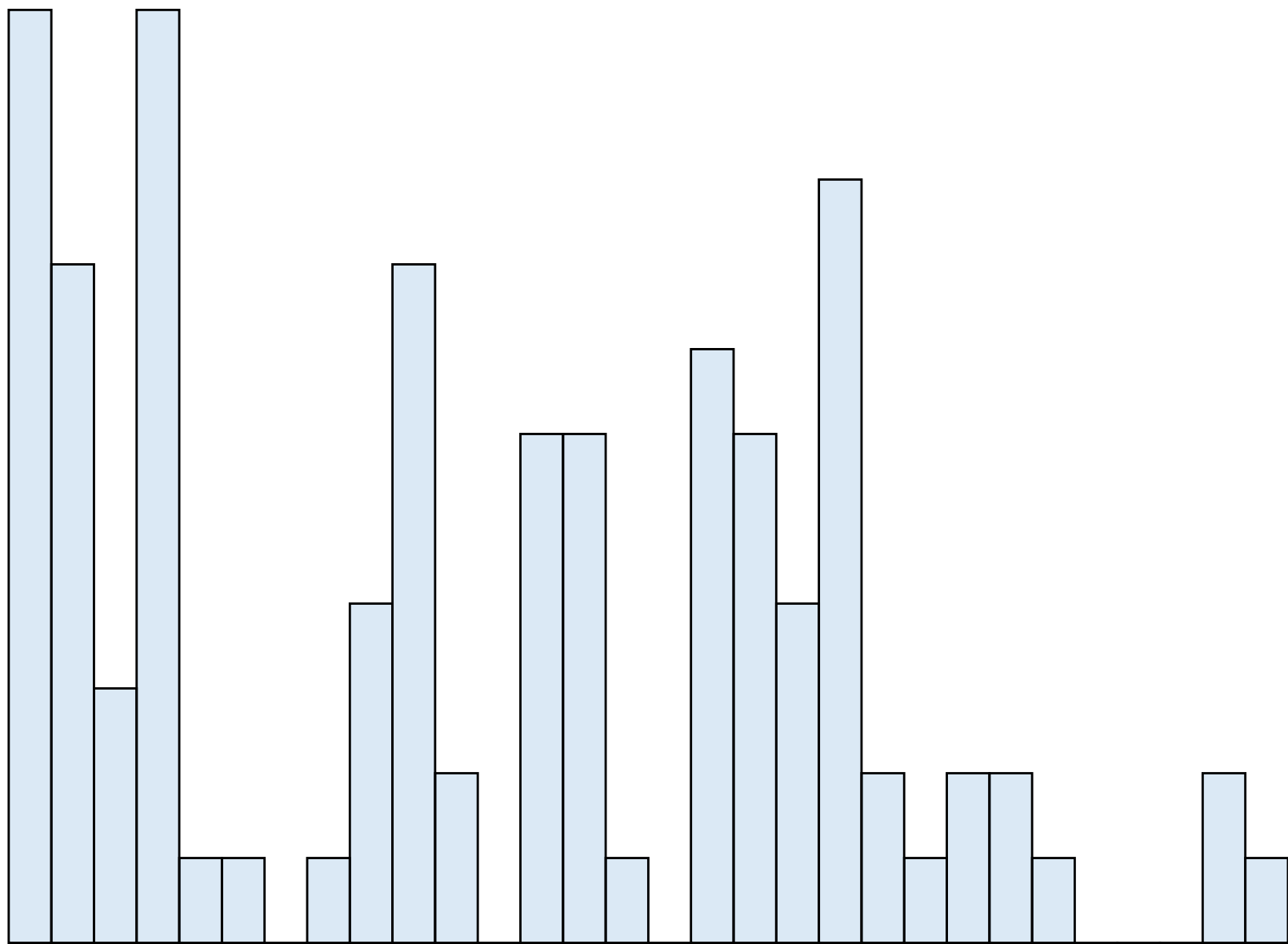












0.155

0.160

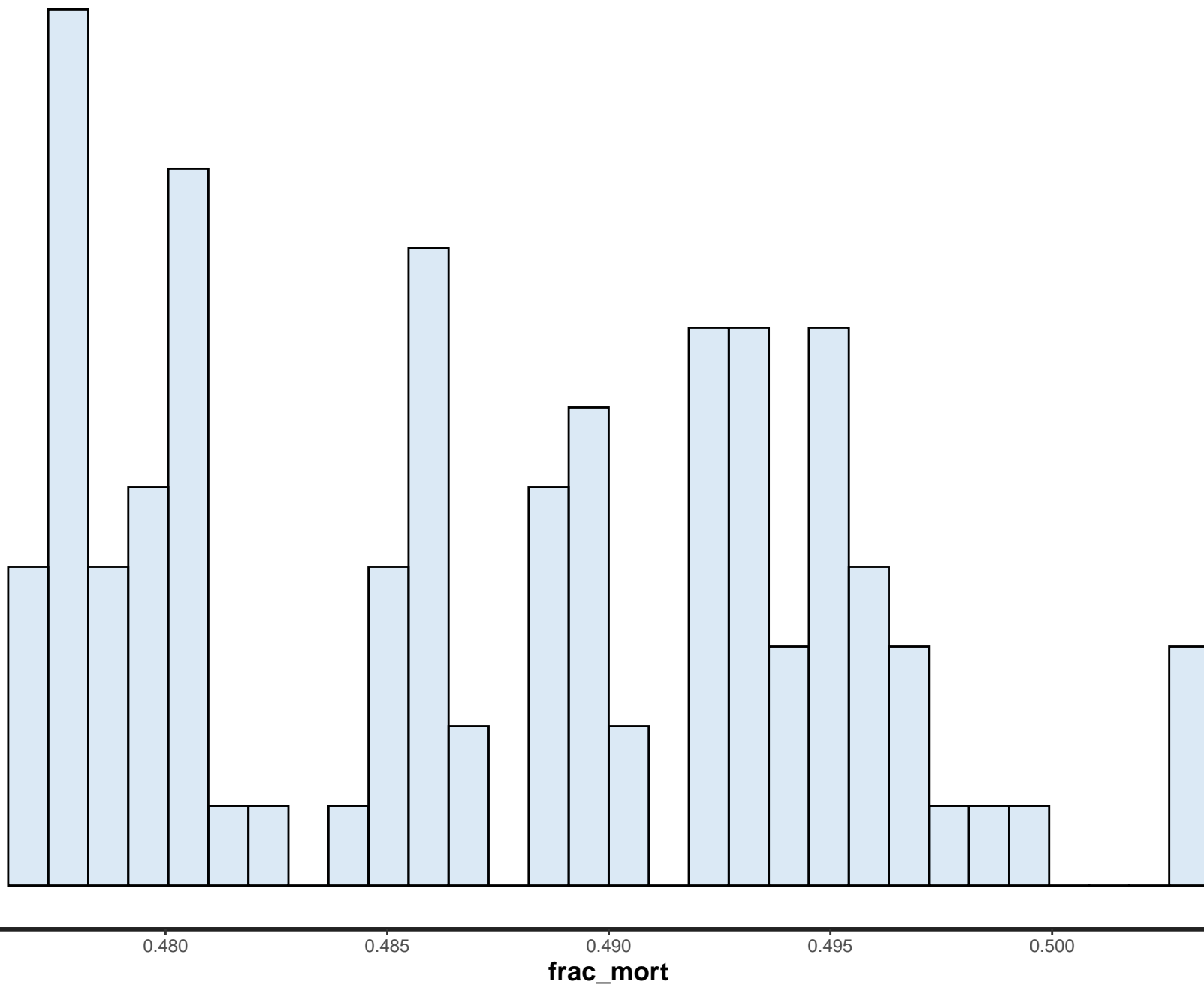
0.165

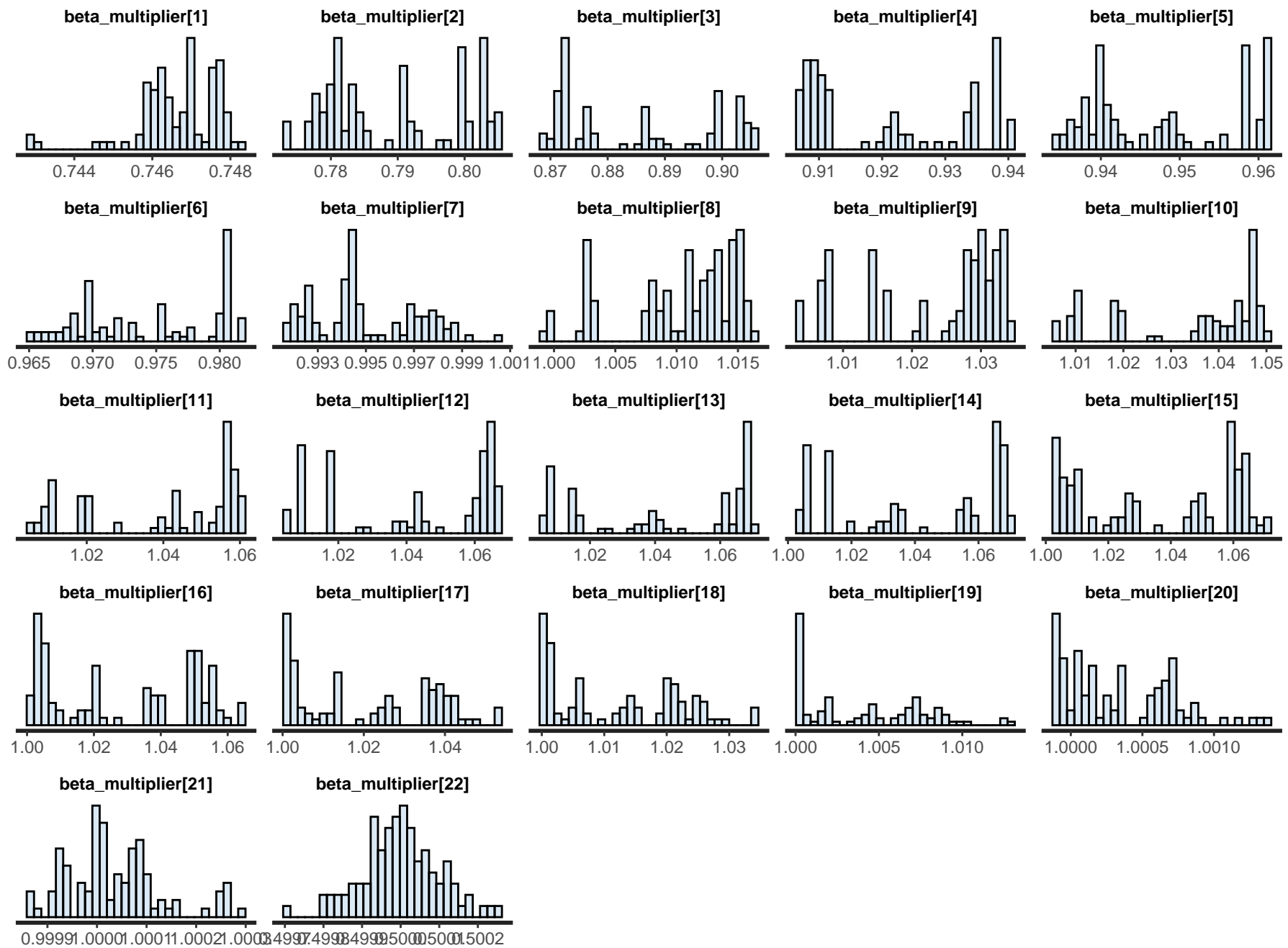
0.170

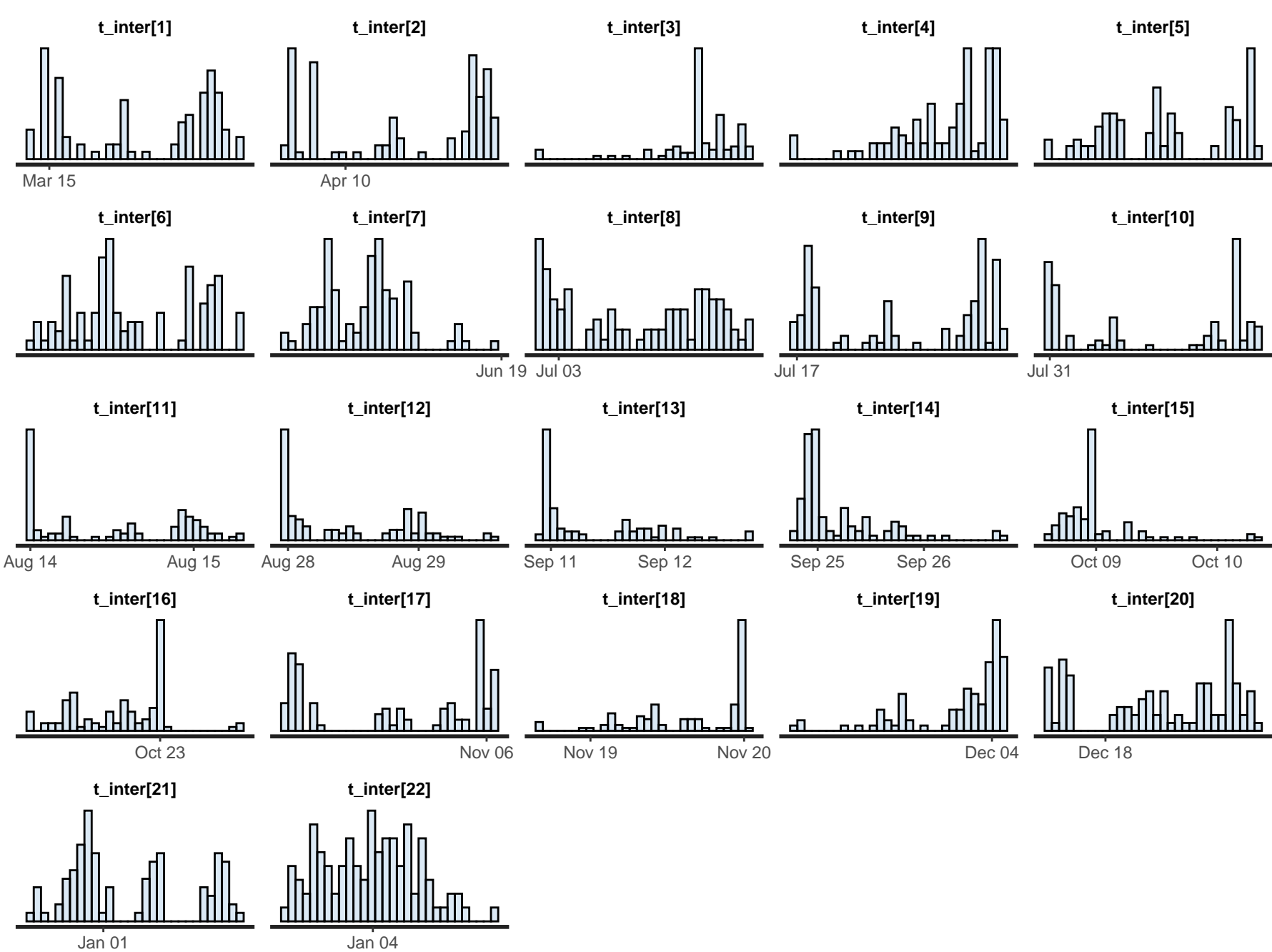
0.175

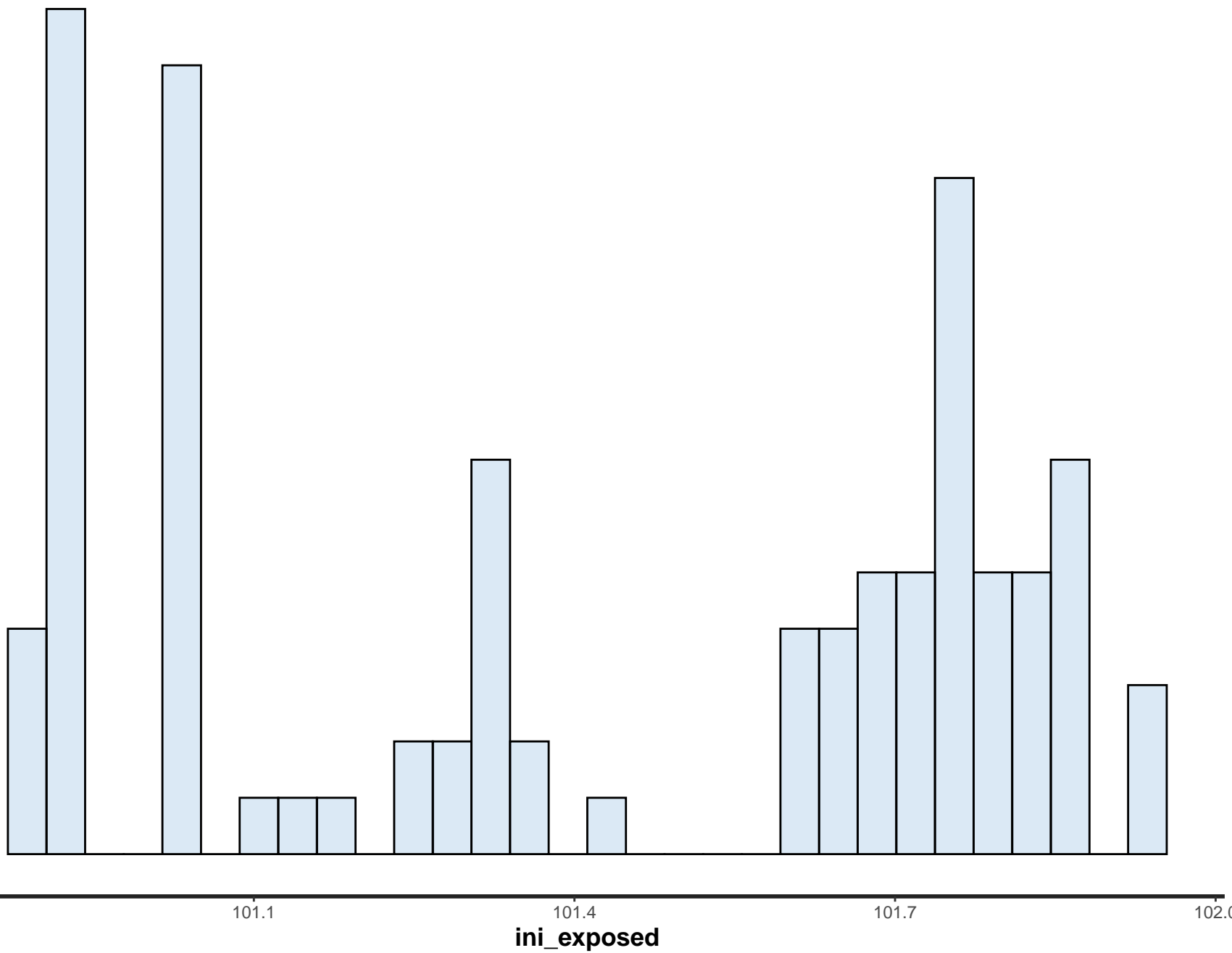
**frac\_icu**



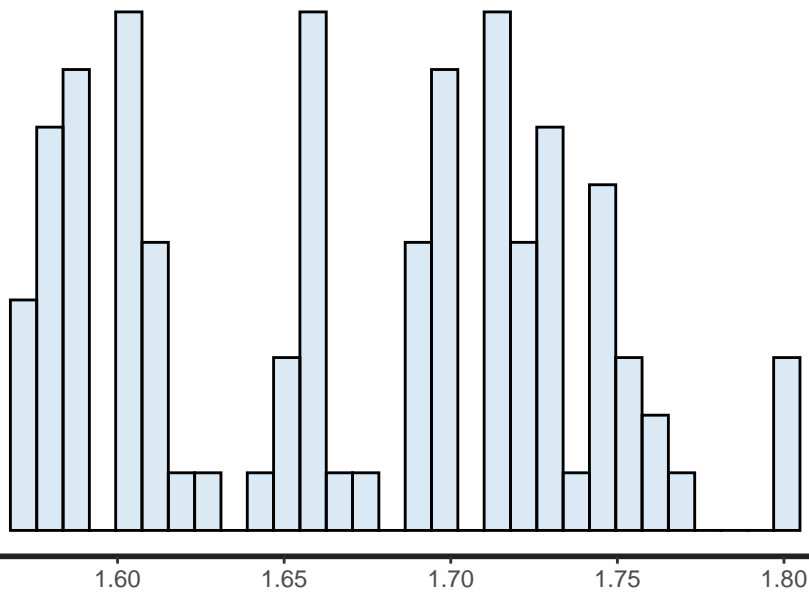




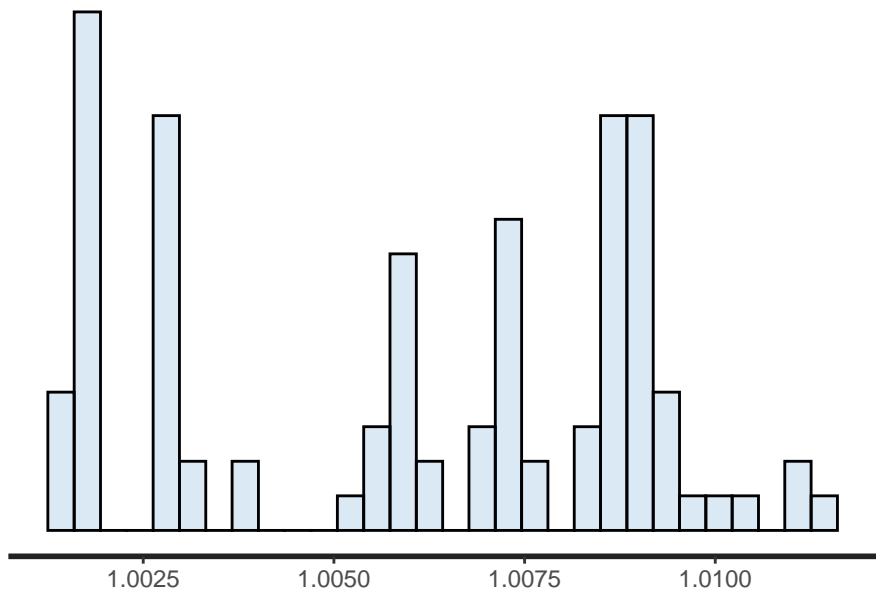




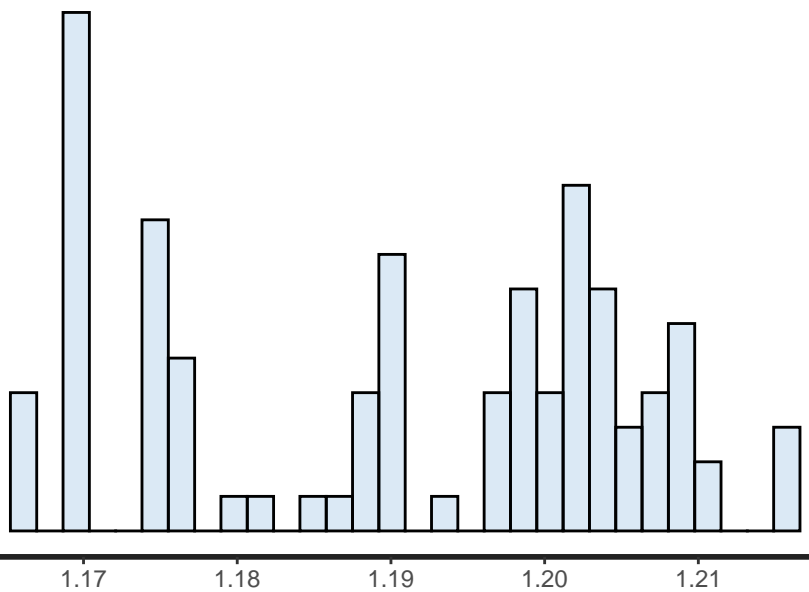
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

