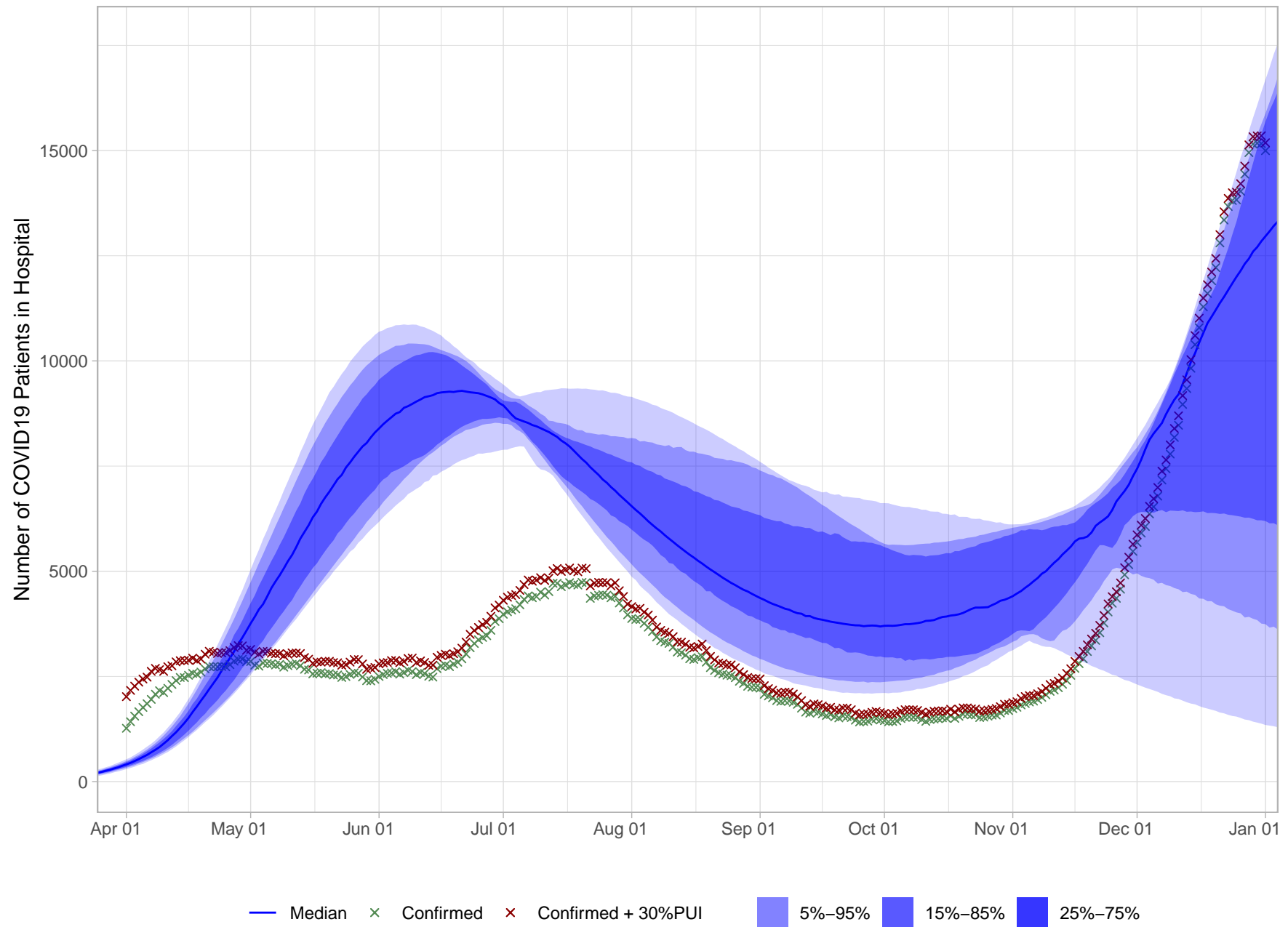
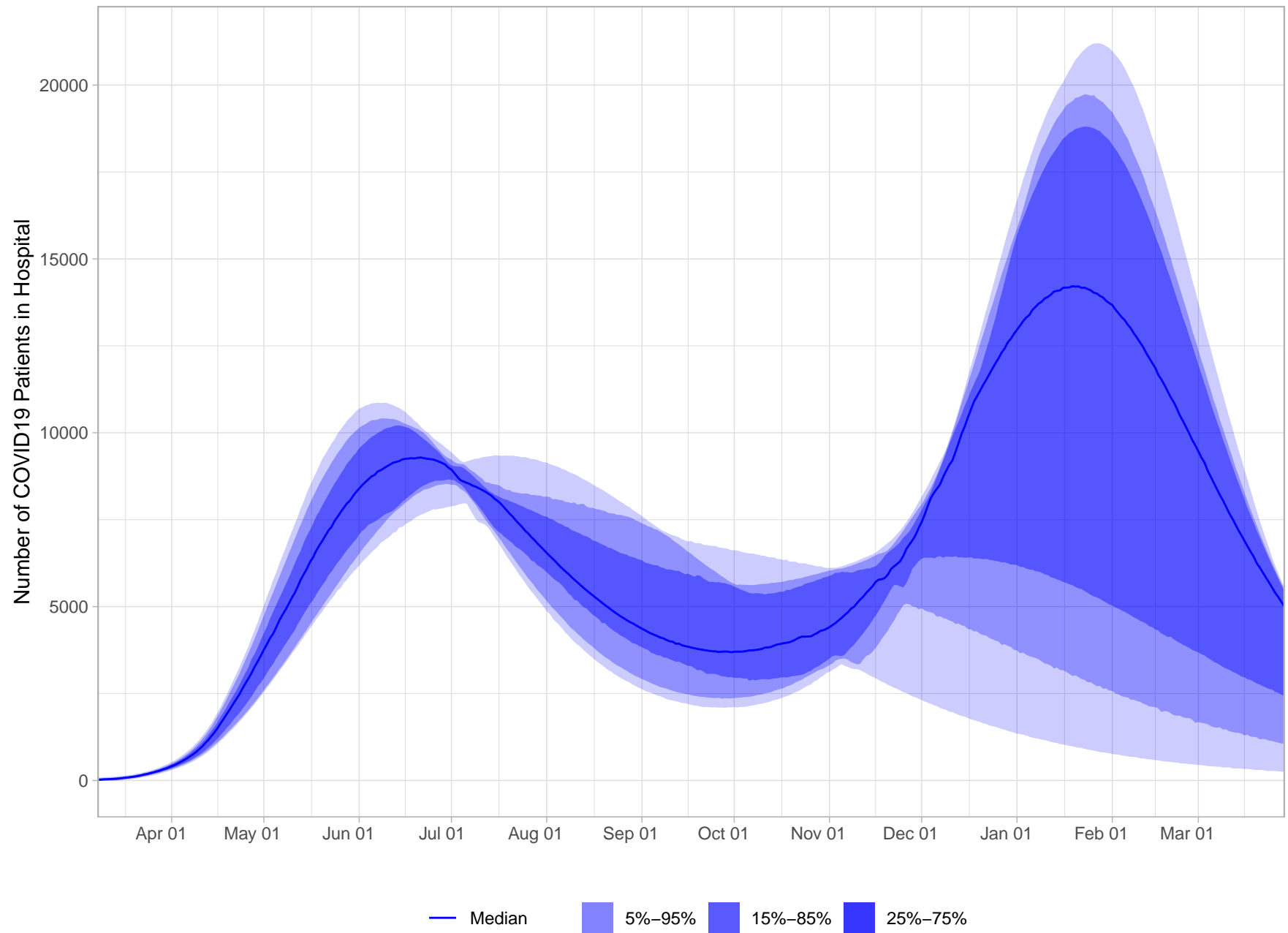


# Short Term Hospitalization Projection

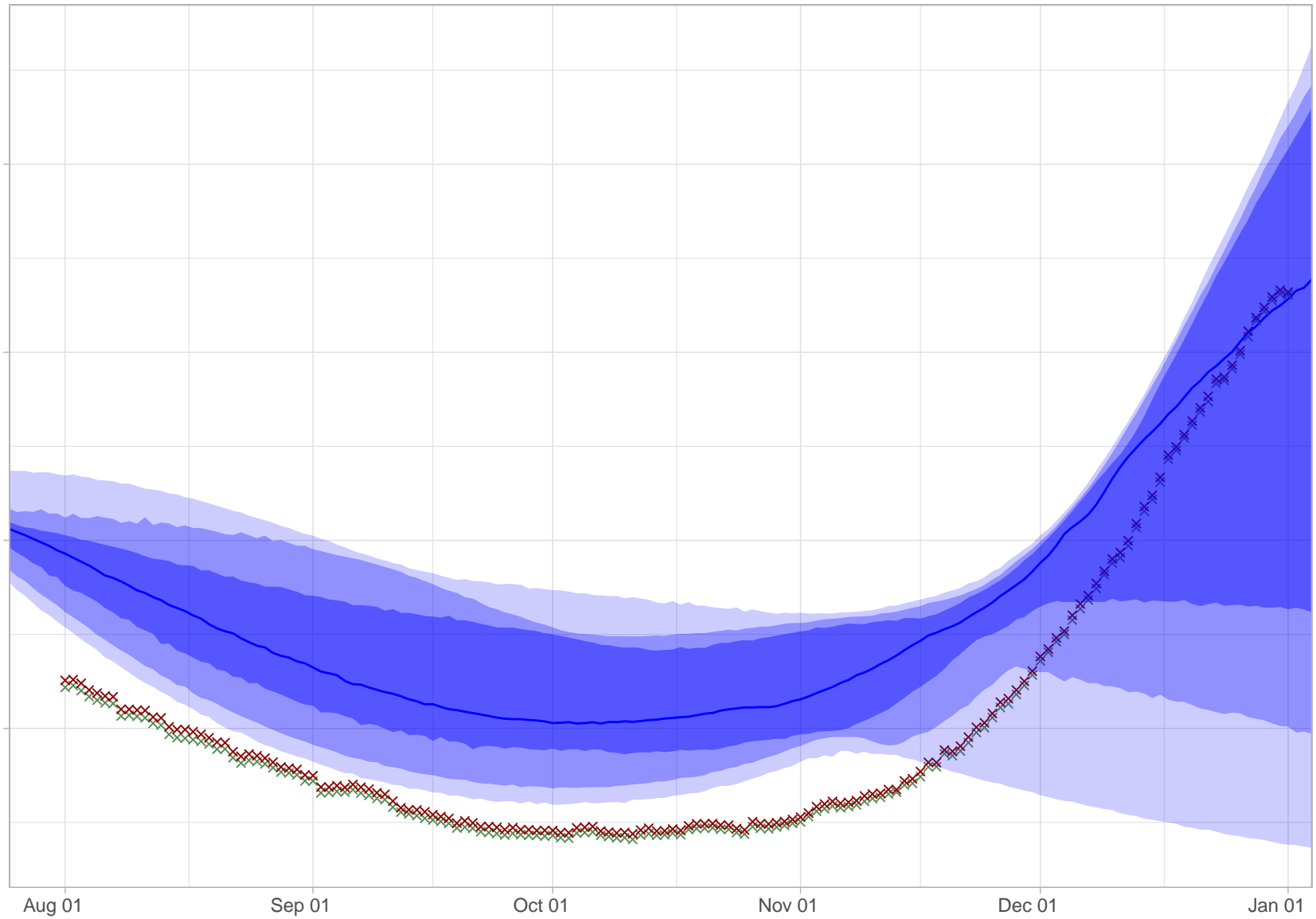


# Long Term Hospitalization Projection



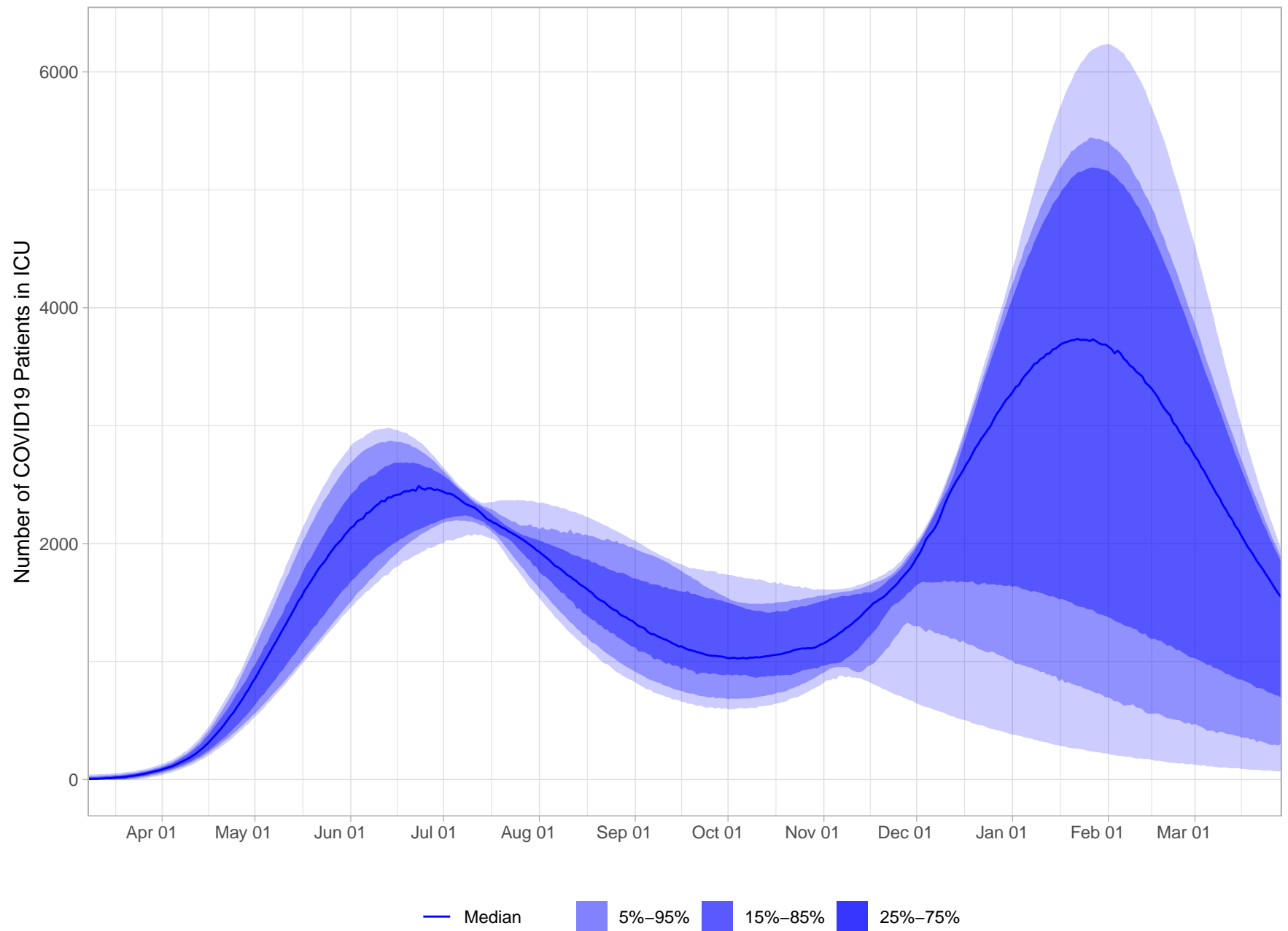
# Short Term ICU Projection

Number of COVID19 Patients in ICU



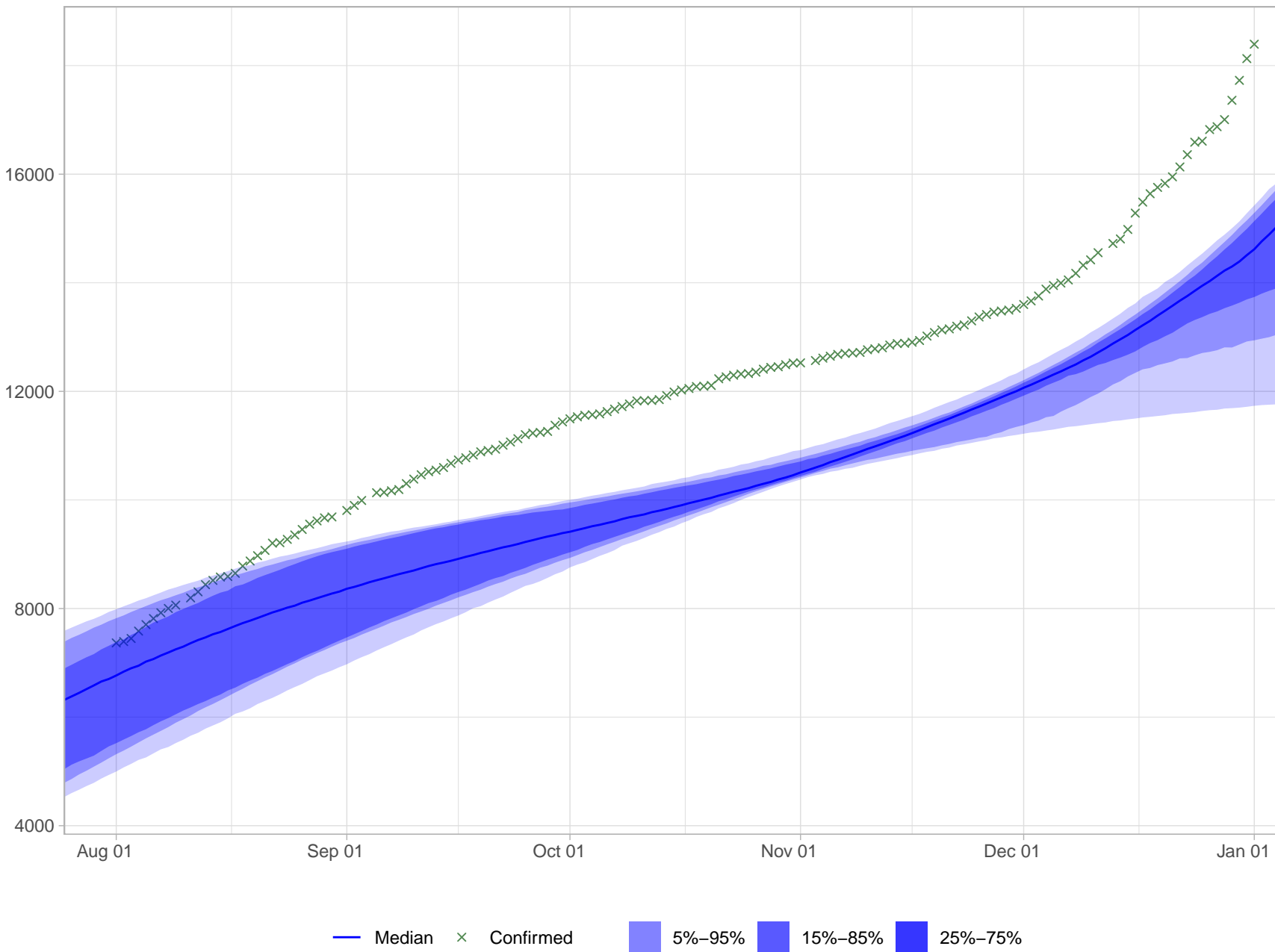
— Median    x Confirmed    x Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

# Long Term ICU Projection

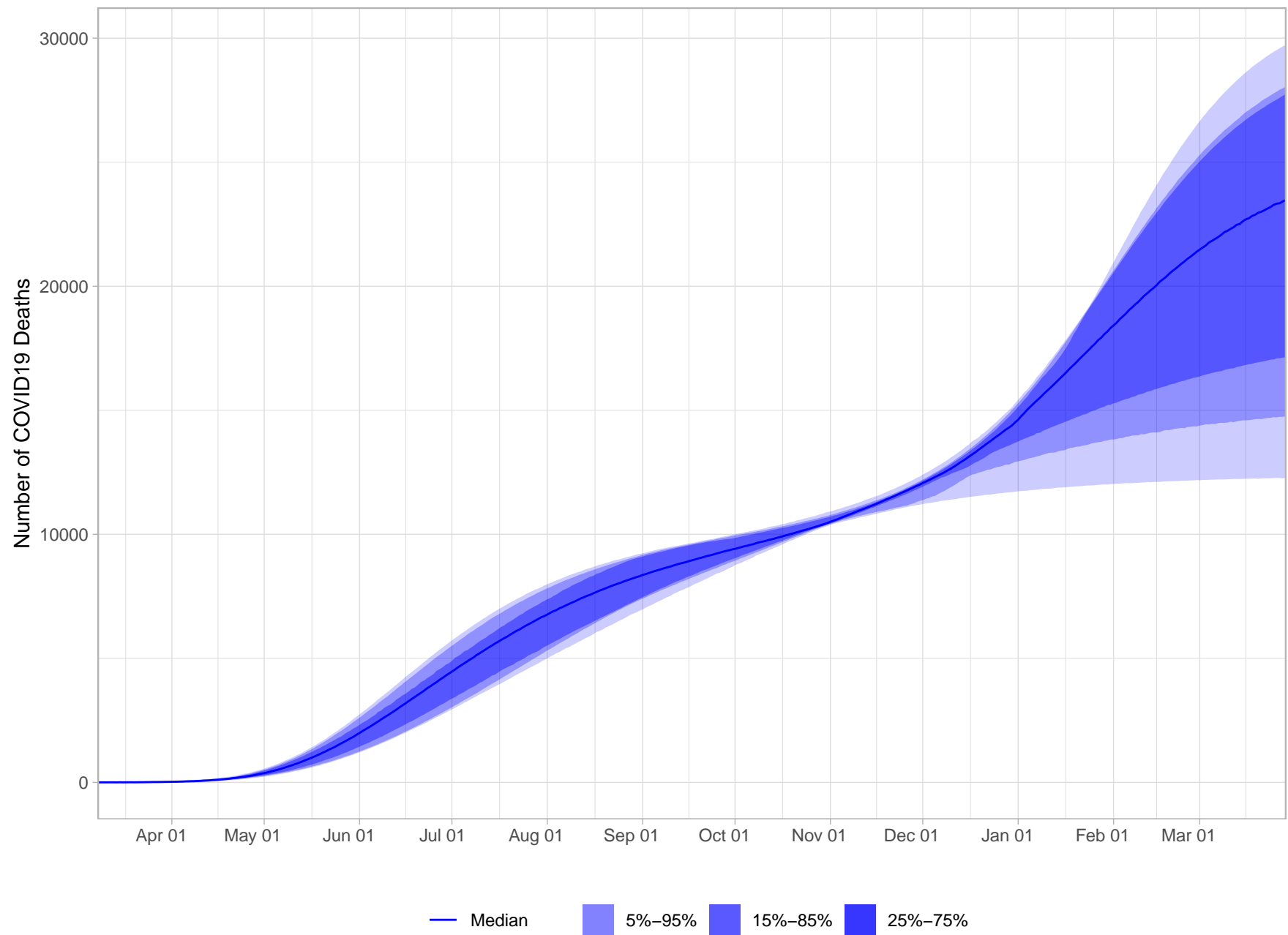


# Short Term Death Projection

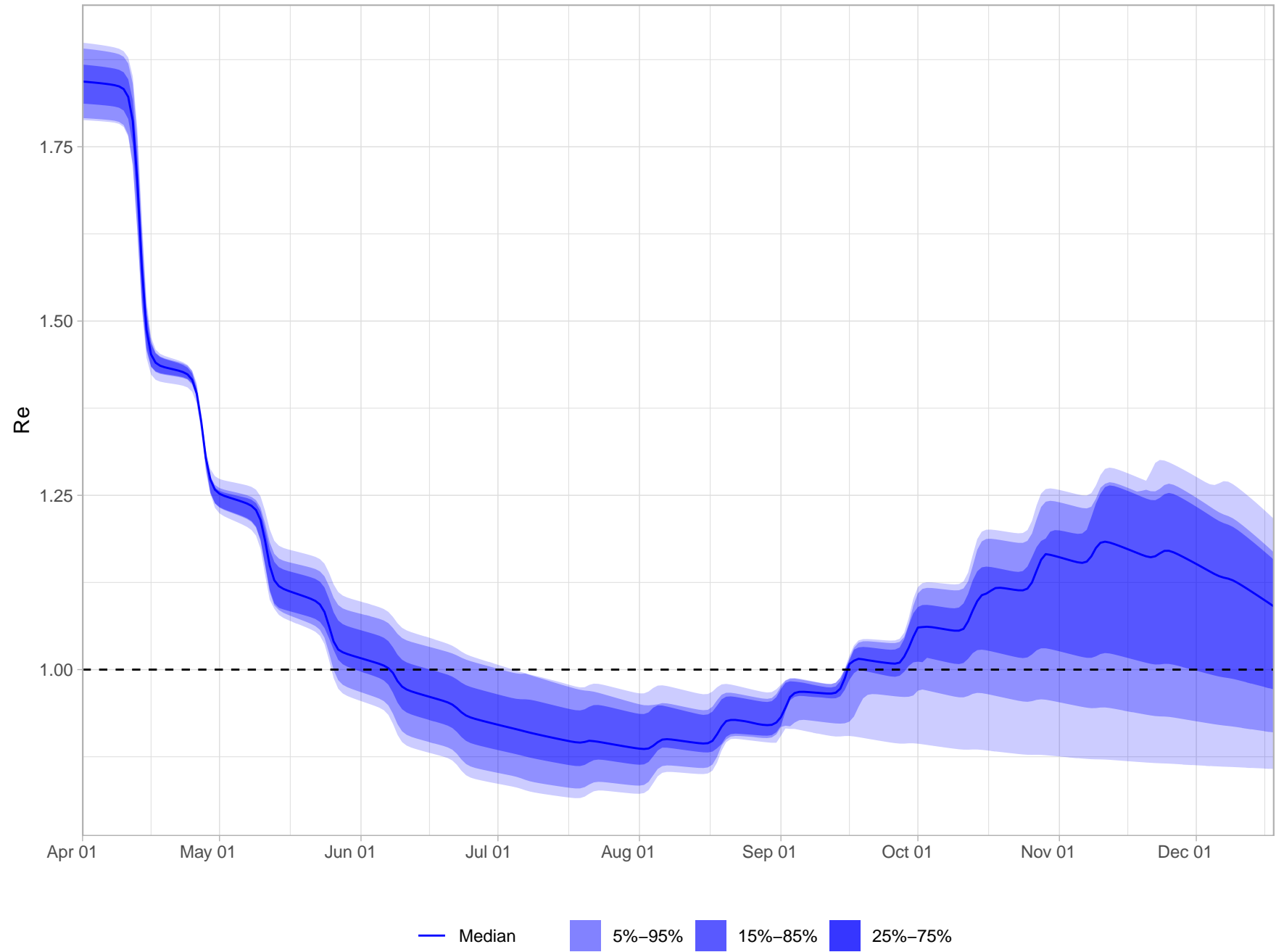
Number of COVID19 Deaths



# Long Term Death Projection

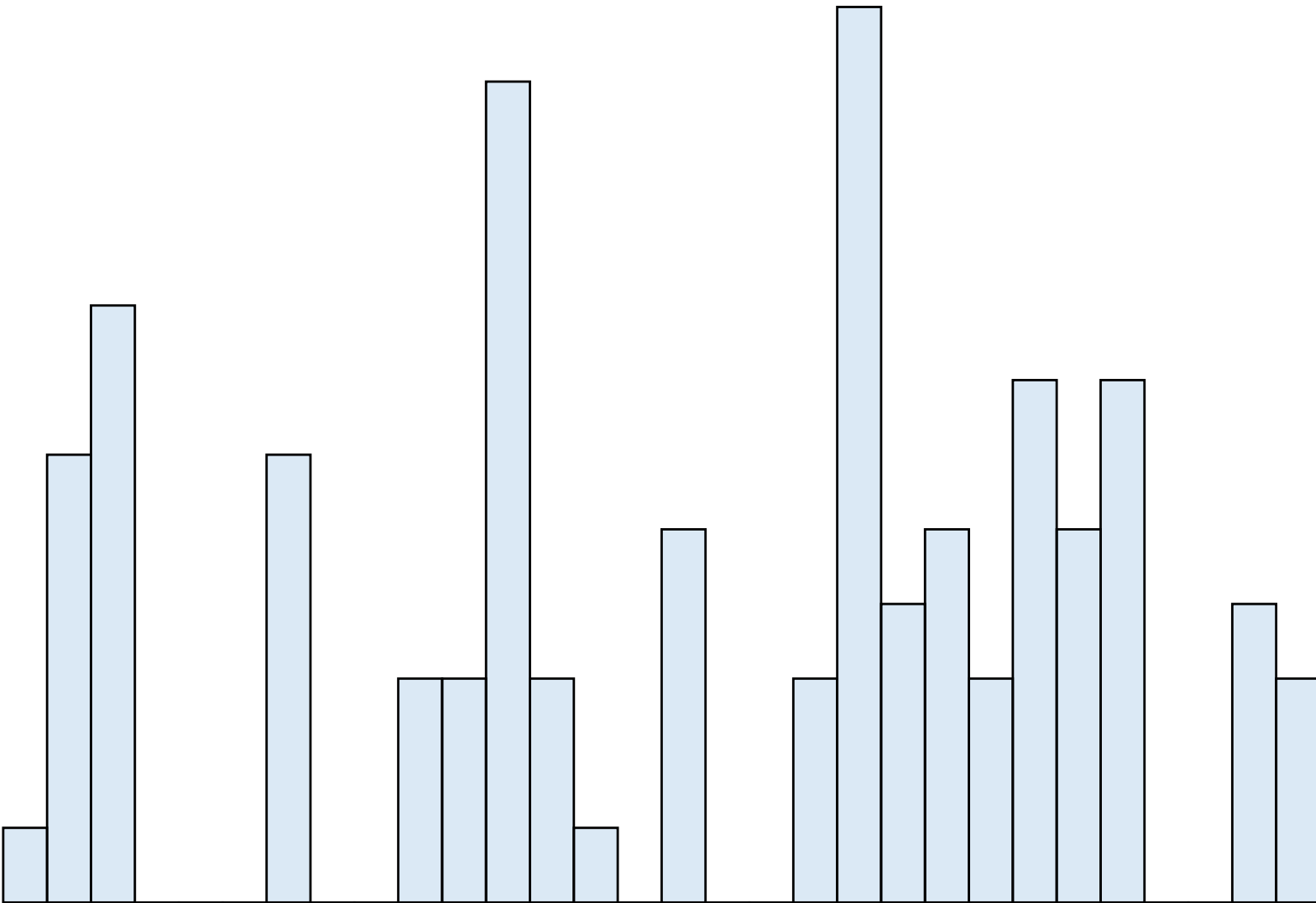


# Effective Reproduction Number



# Rt as of 2020-12-18

5% 10% 25% 50% 75% 90% 95%  
0.86 0.86 0.97 1.09 1.16 1.18 1.22



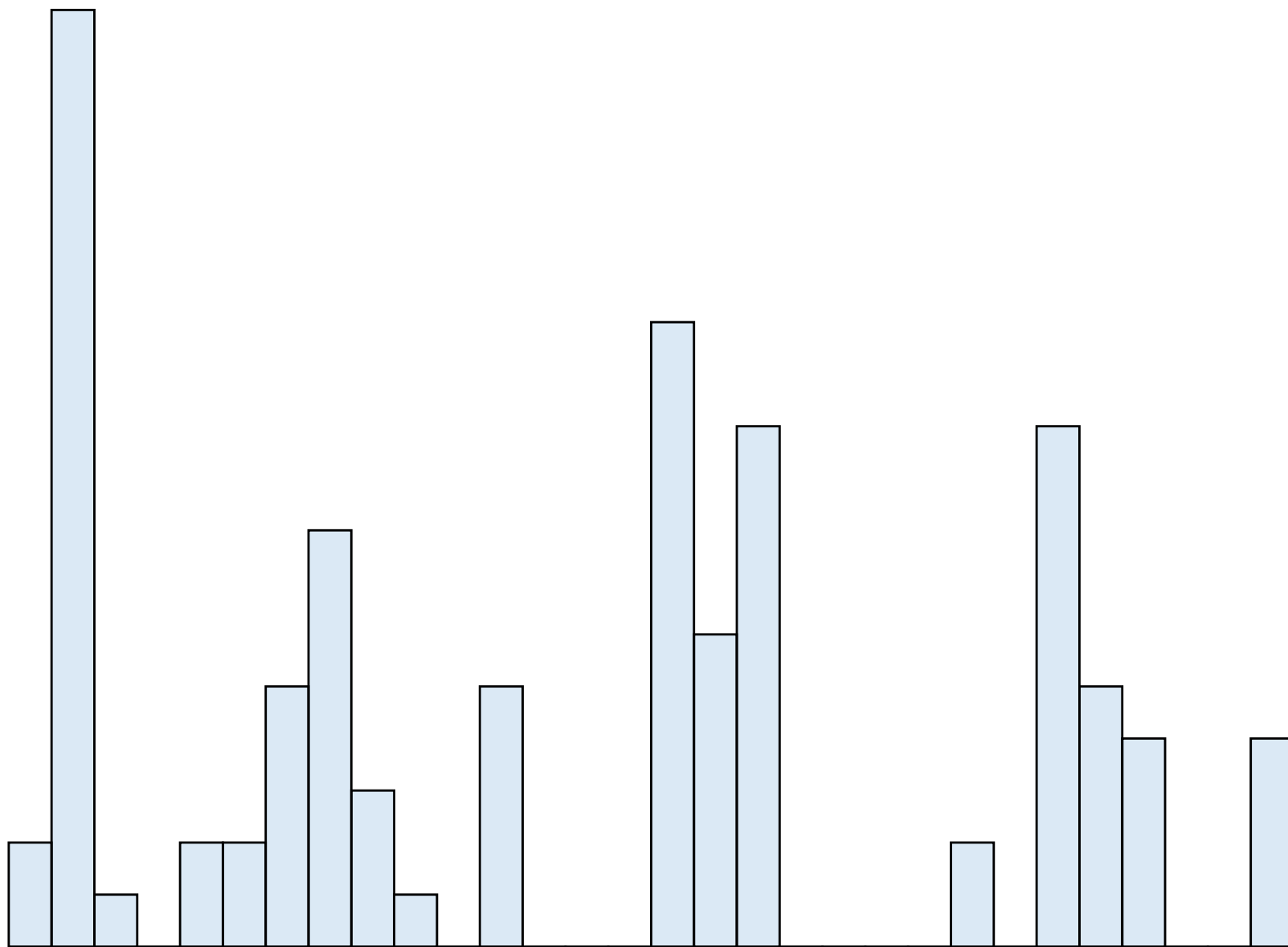
0.9

1.0

1.1

1.2



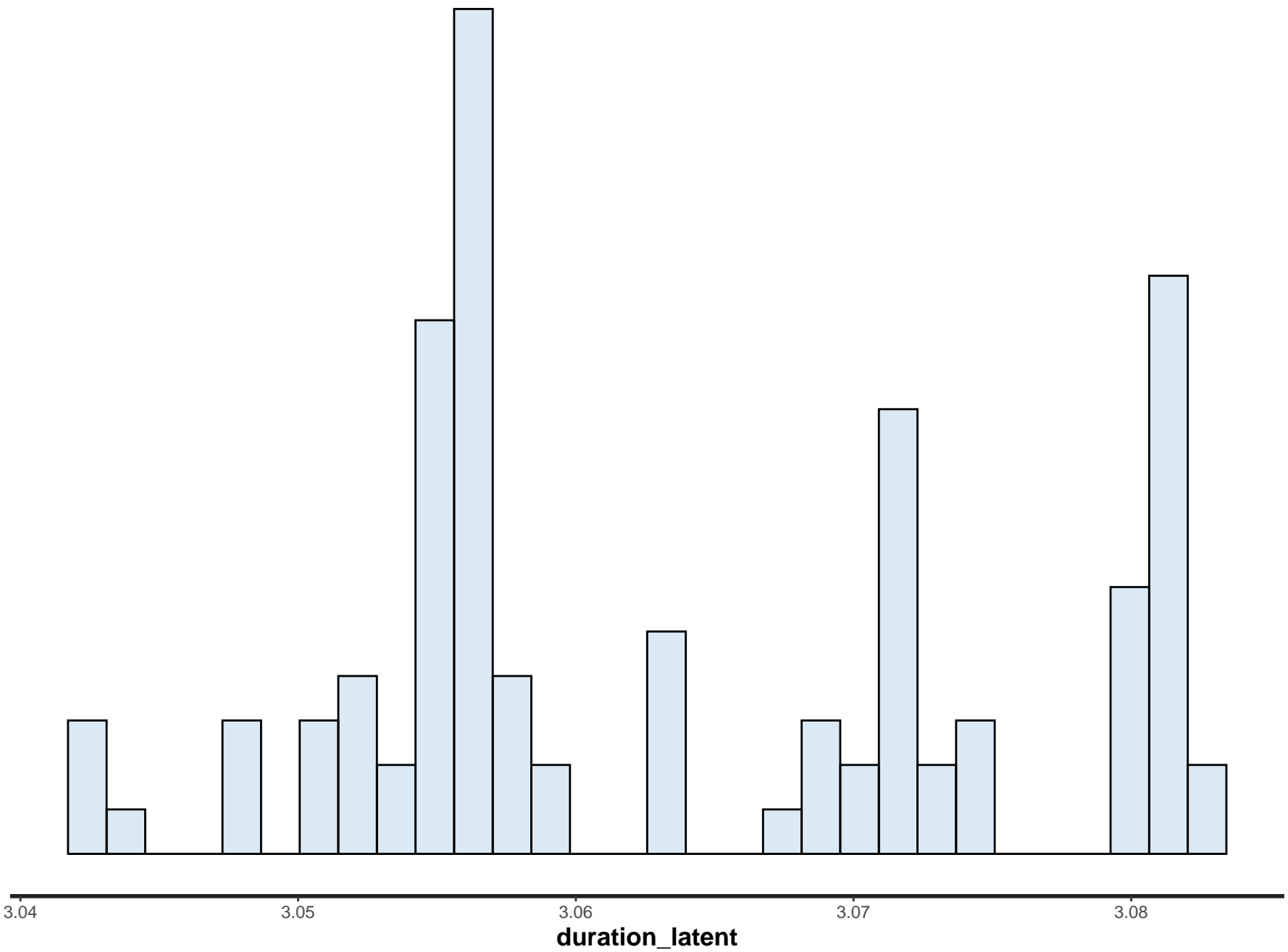


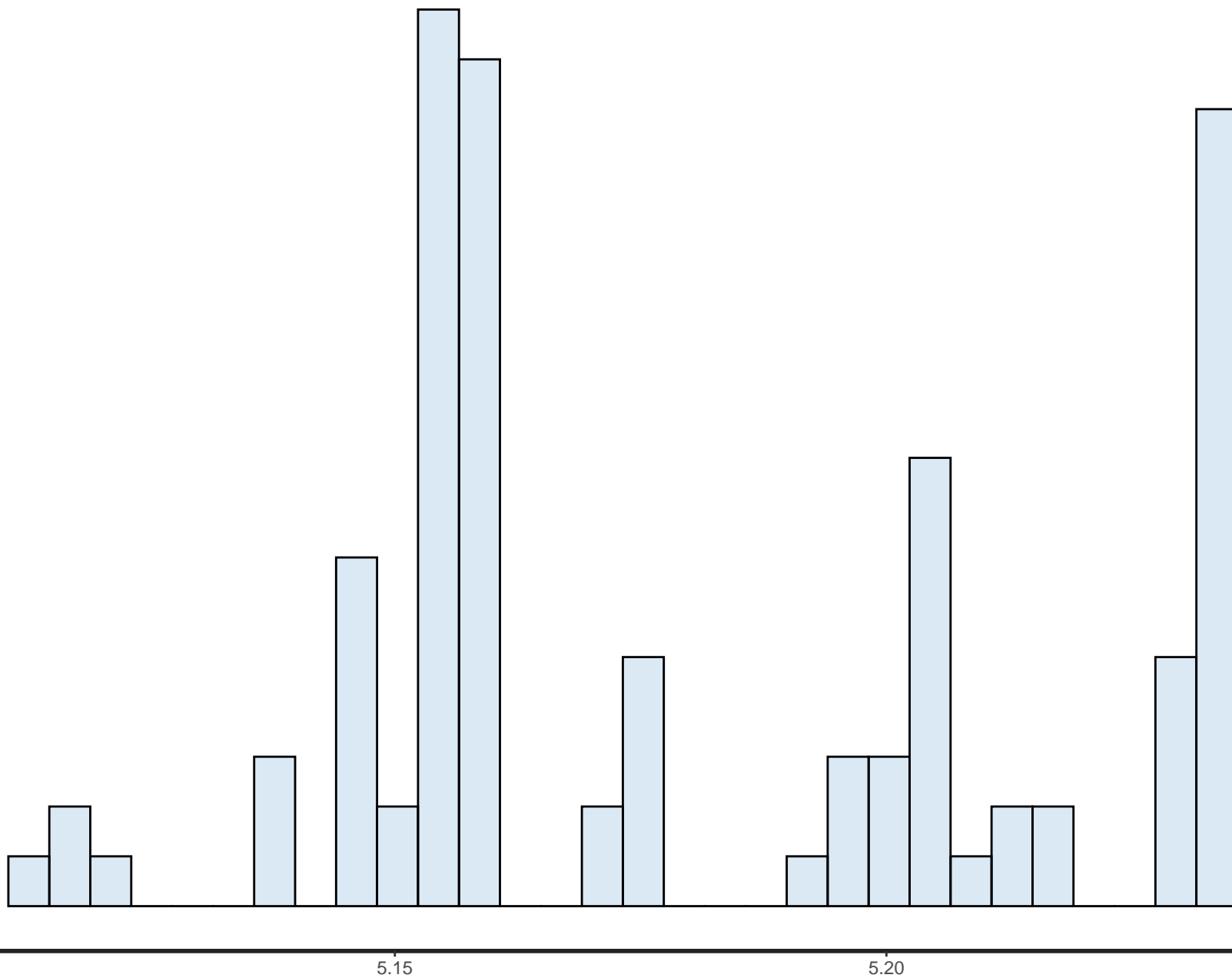
2.45

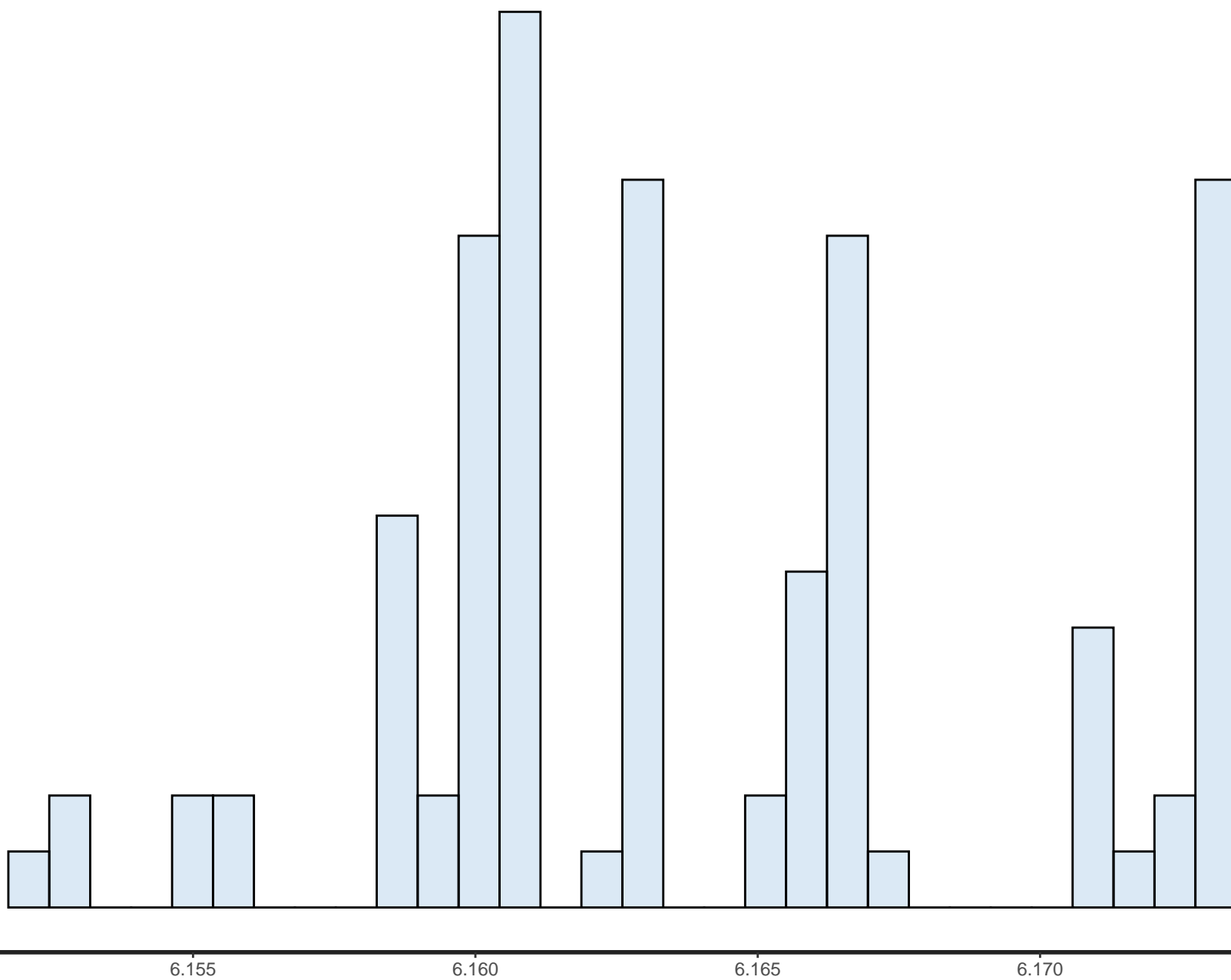
2.50

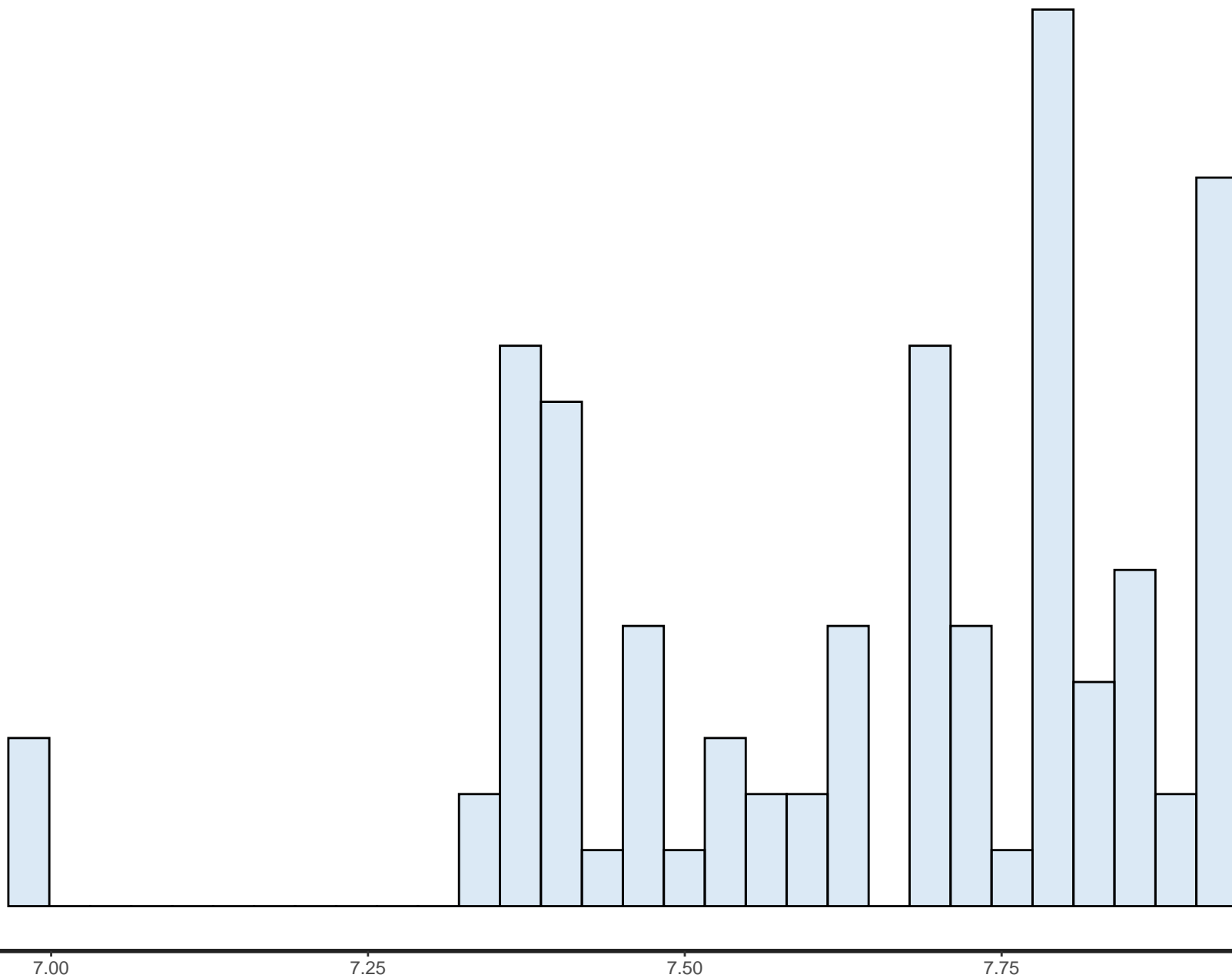
2.55

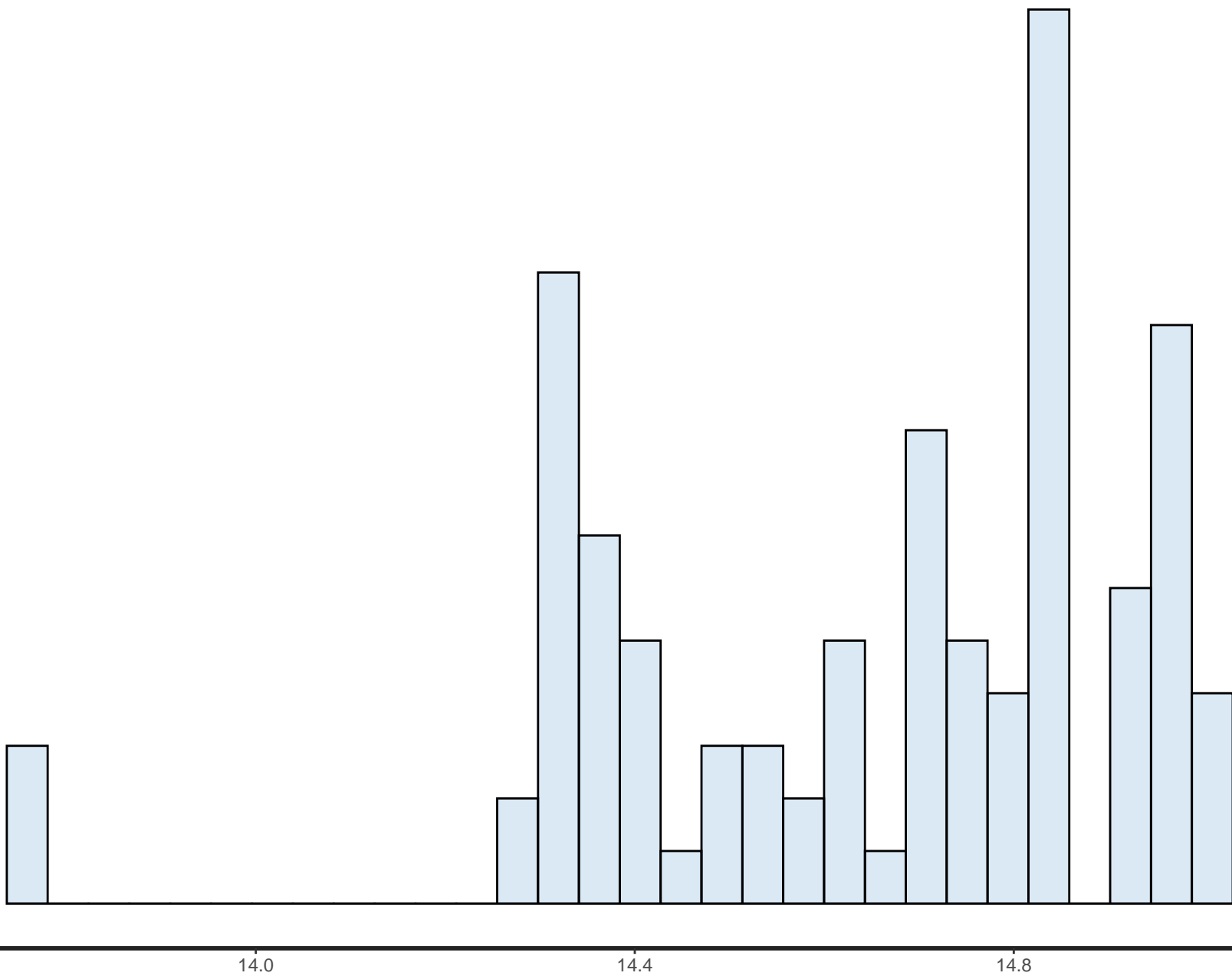
$r_0$

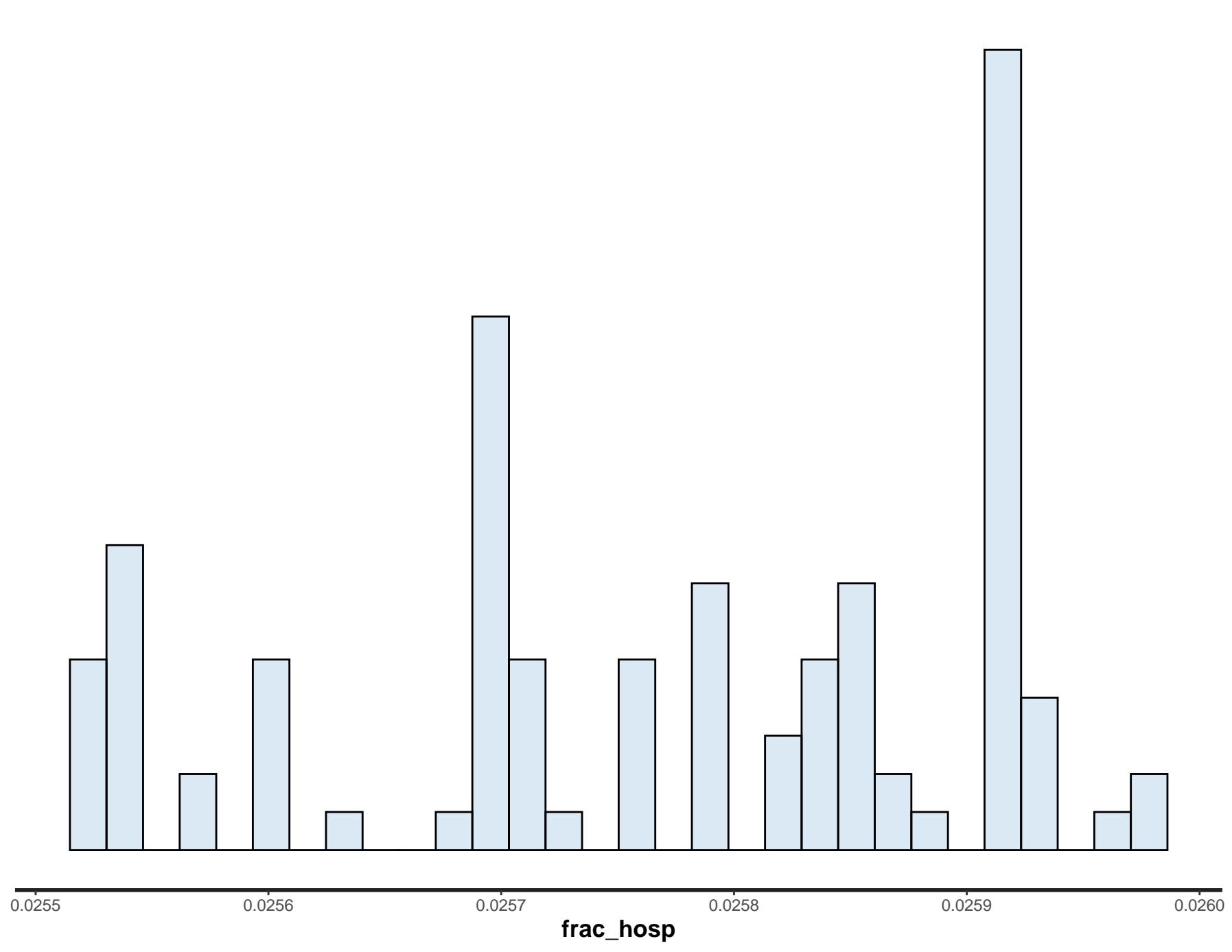


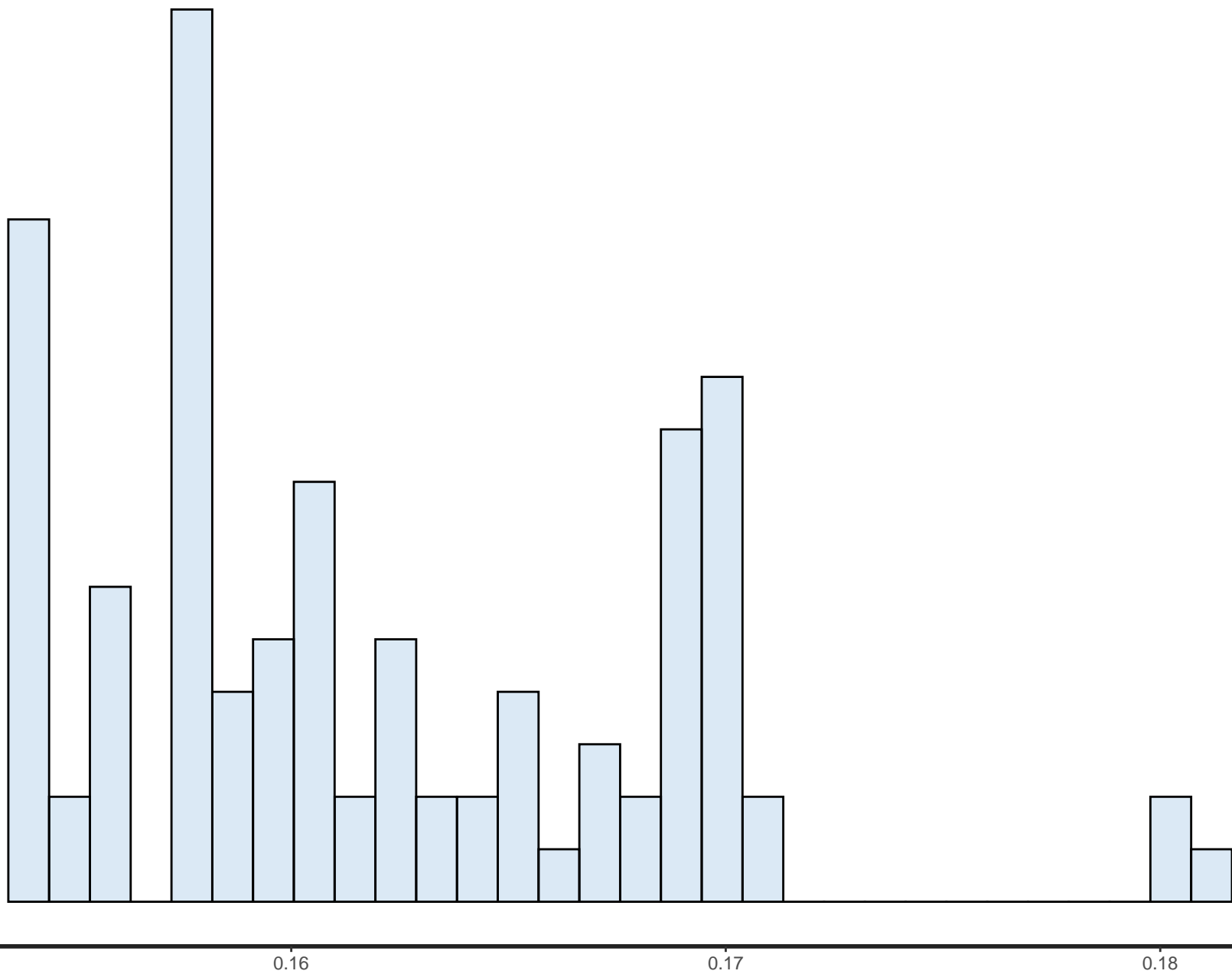




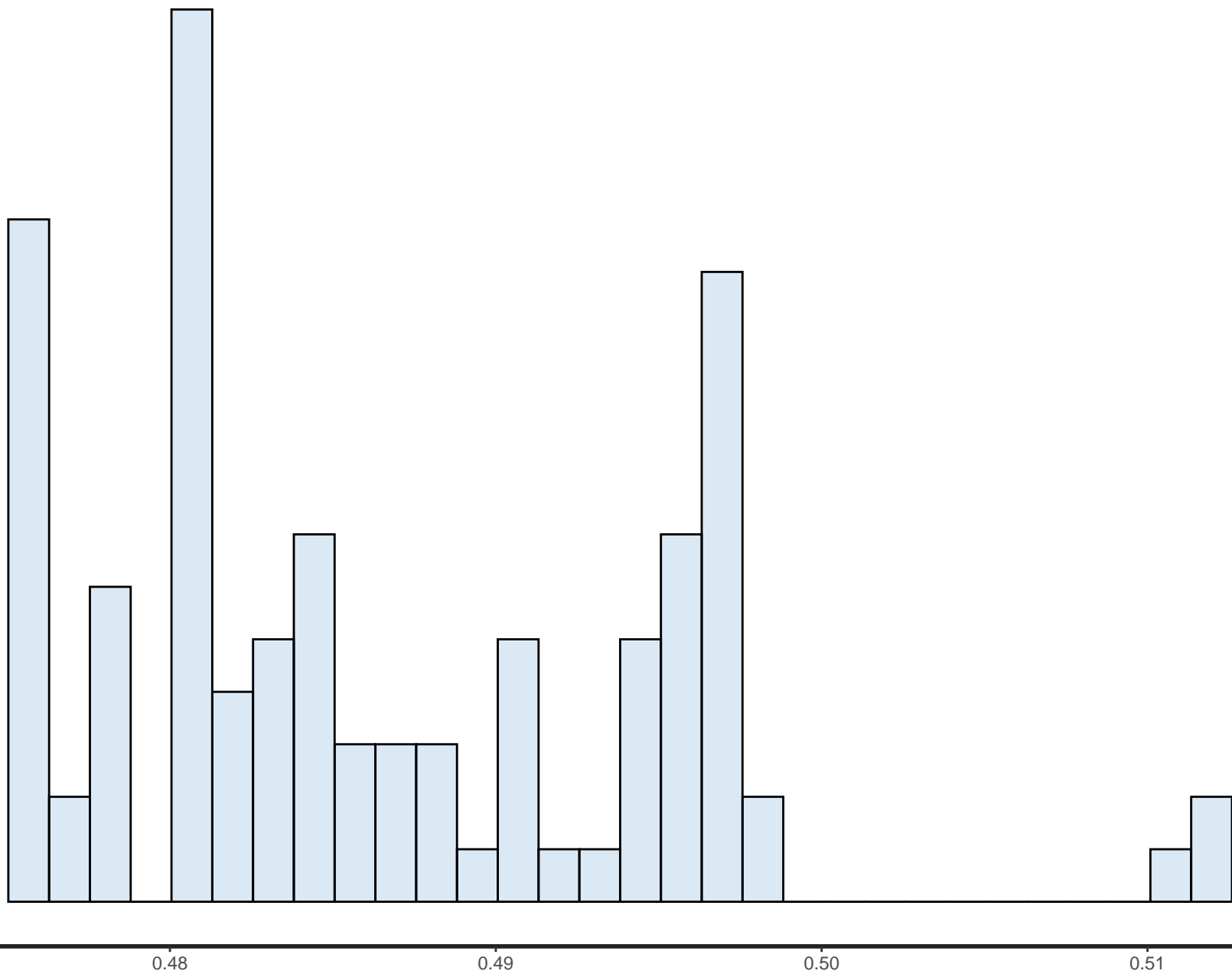


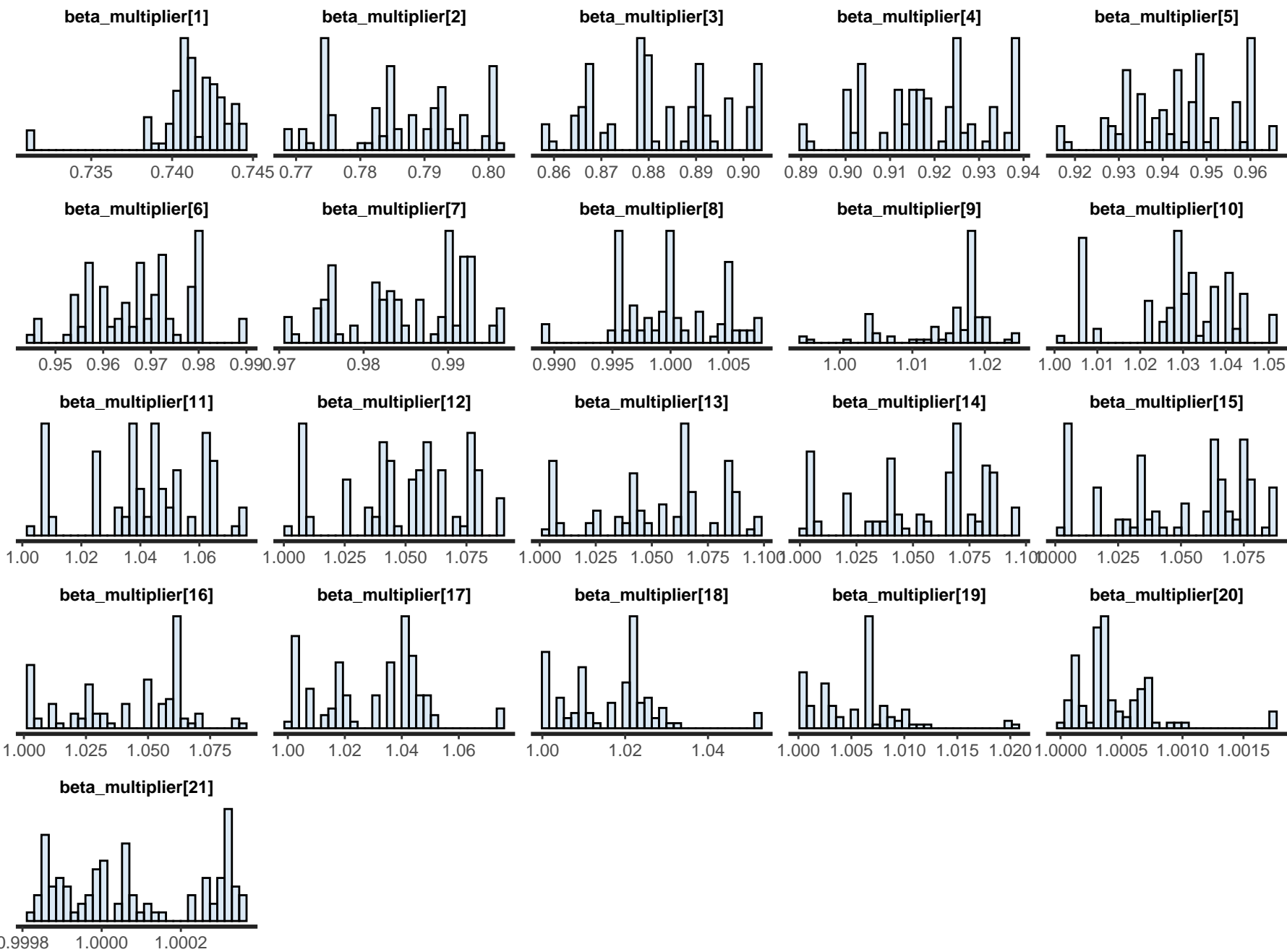


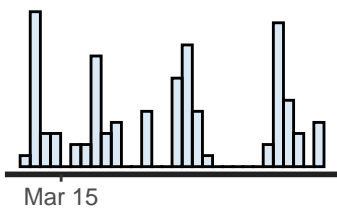
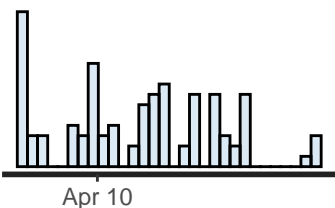
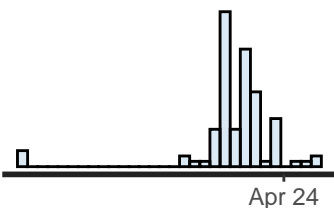
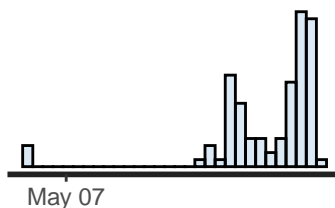
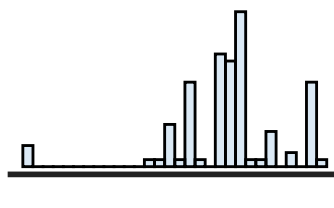
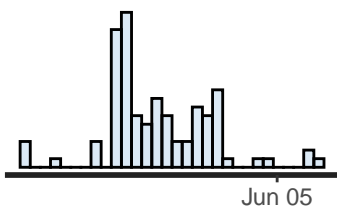
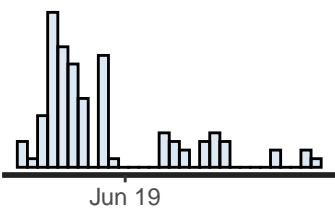
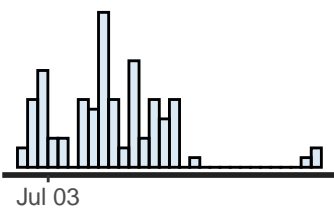
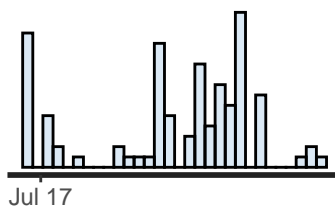
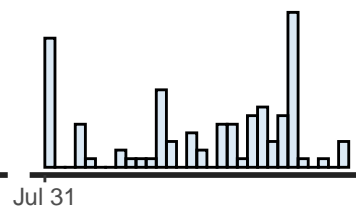
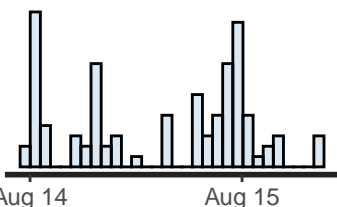
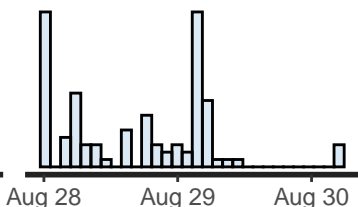
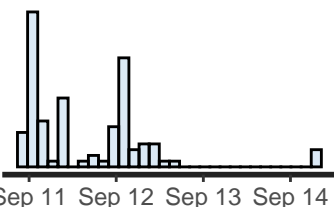
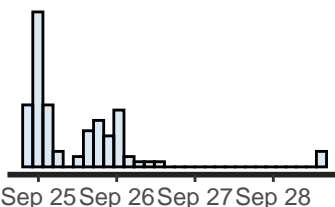
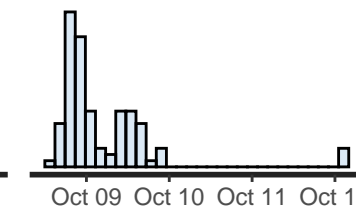
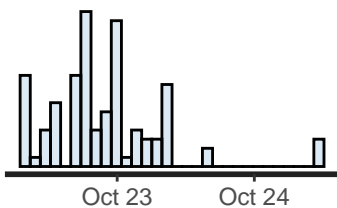
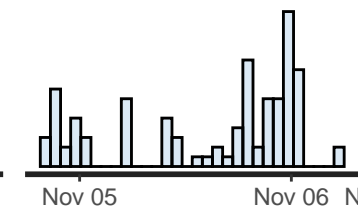
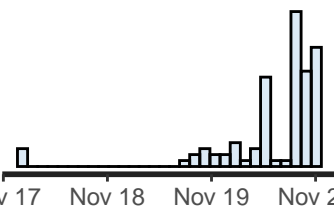
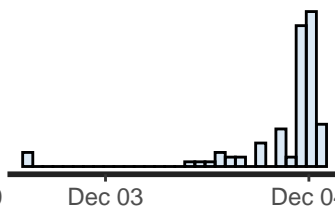
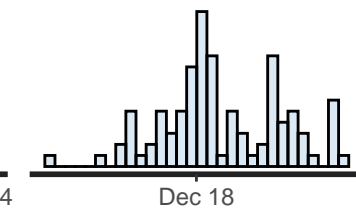
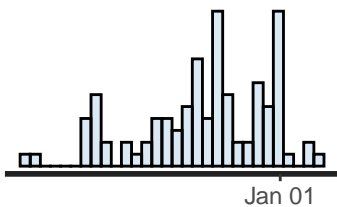


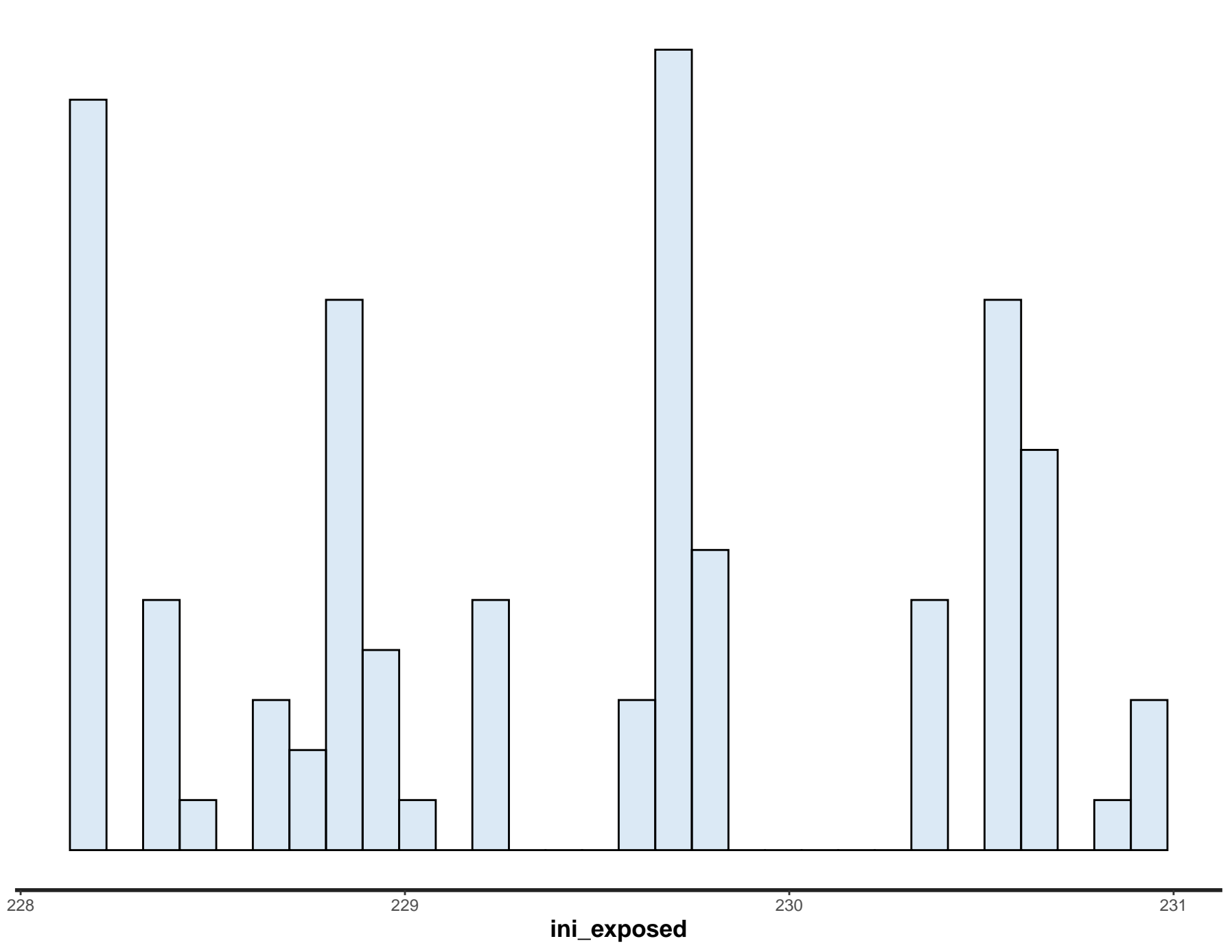




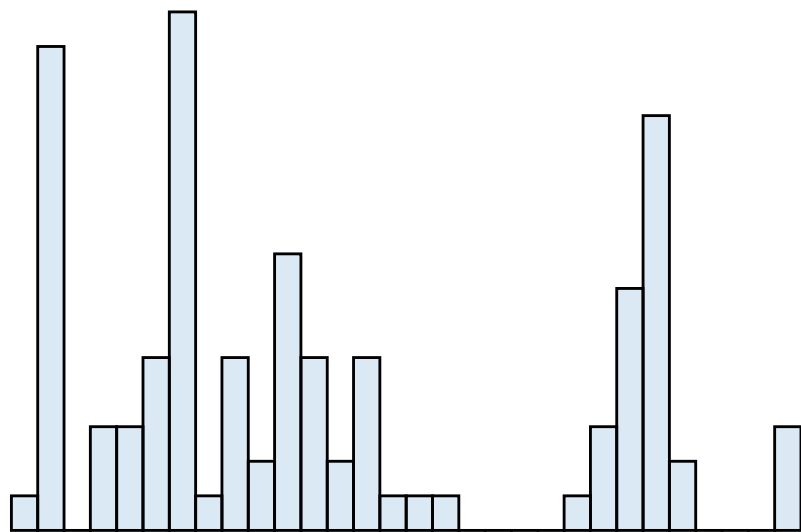




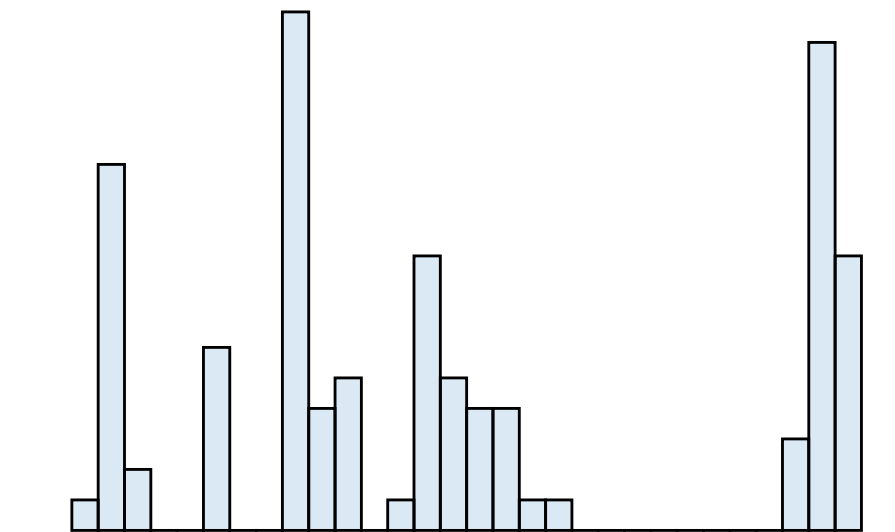
**t\_inter[1]****t\_inter[2]****t\_inter[3]****t\_inter[4]****t\_inter[5]****t\_inter[6]****t\_inter[7]****t\_inter[8]****t\_inter[9]****t\_inter[10]****t\_inter[11]****t\_inter[12]****t\_inter[13]****t\_inter[14]****t\_inter[15]****t\_inter[16]****t\_inter[17]****t\_inter[18]****t\_inter[19]****t\_inter[20]****t\_inter[21]**



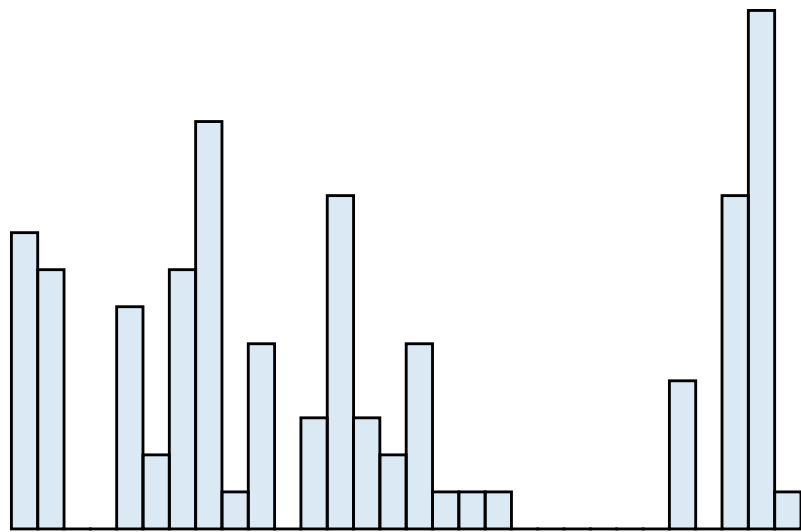
sigma\_obs[1]



sigma\_obs[2]



sigma\_obs[3]



sigma\_obs[4]

