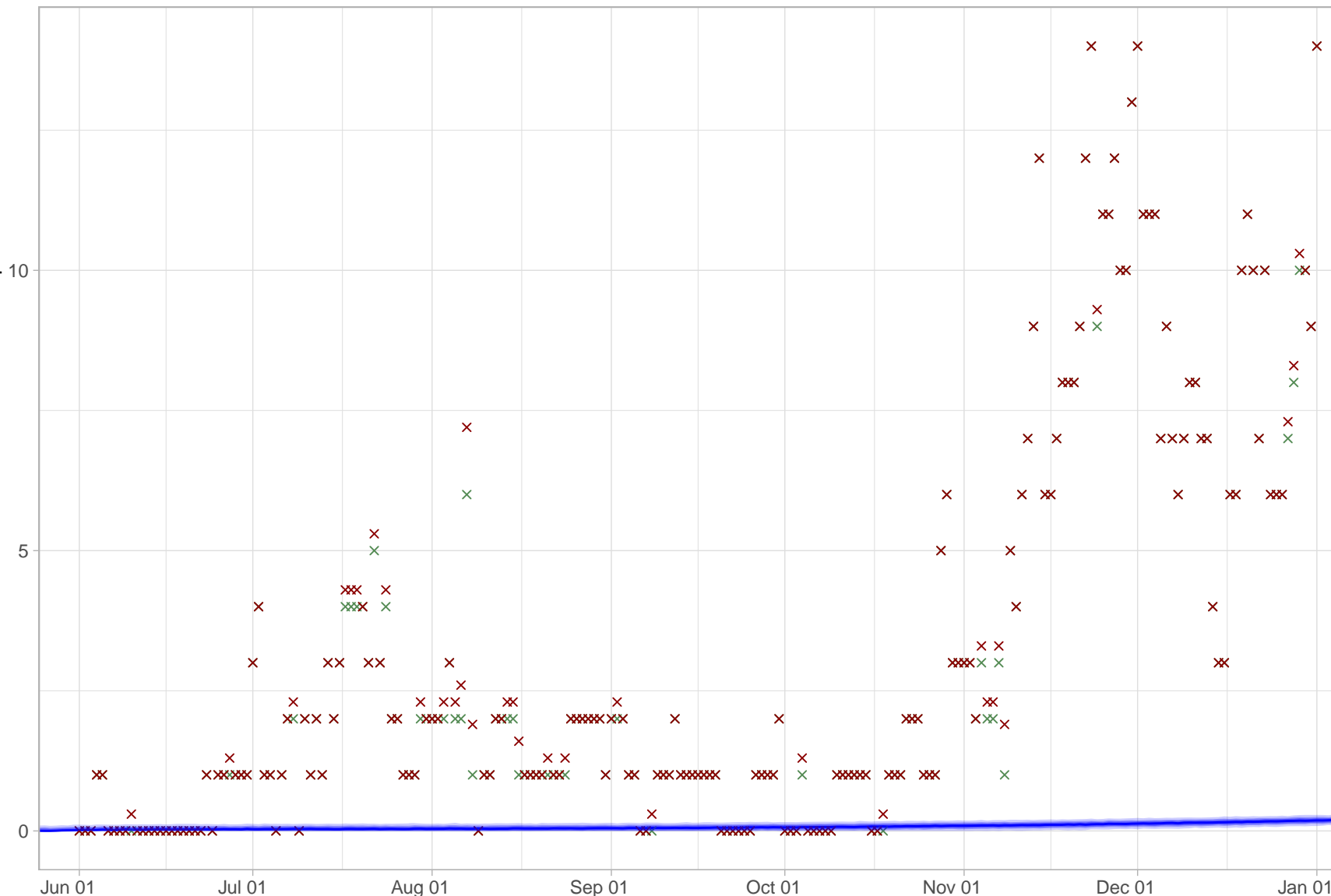


# Short Term Hospitalization Projection

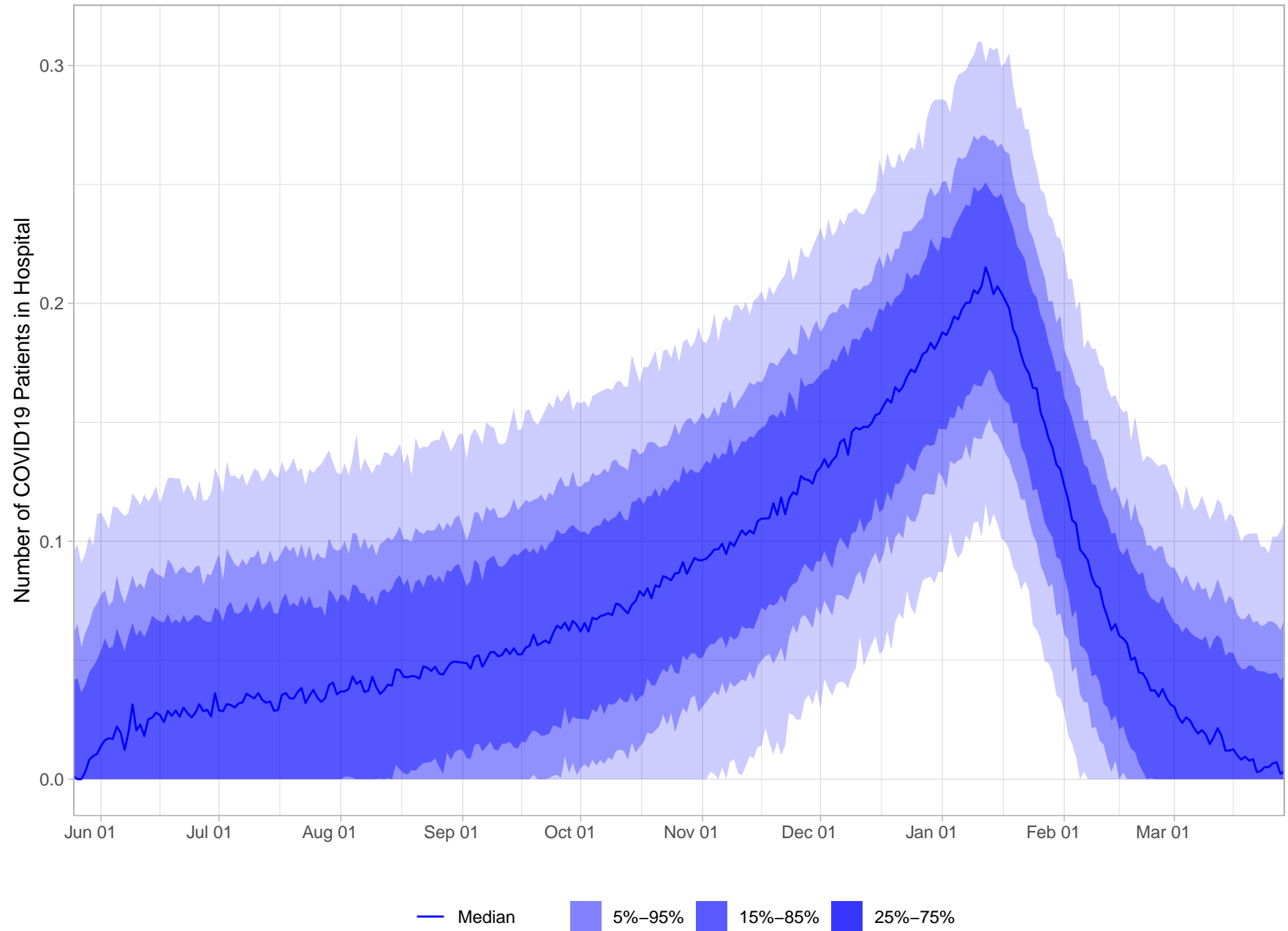
Number of COVID19 Patients in Hospital



Median Confirmed Confirmed + 30%PUI

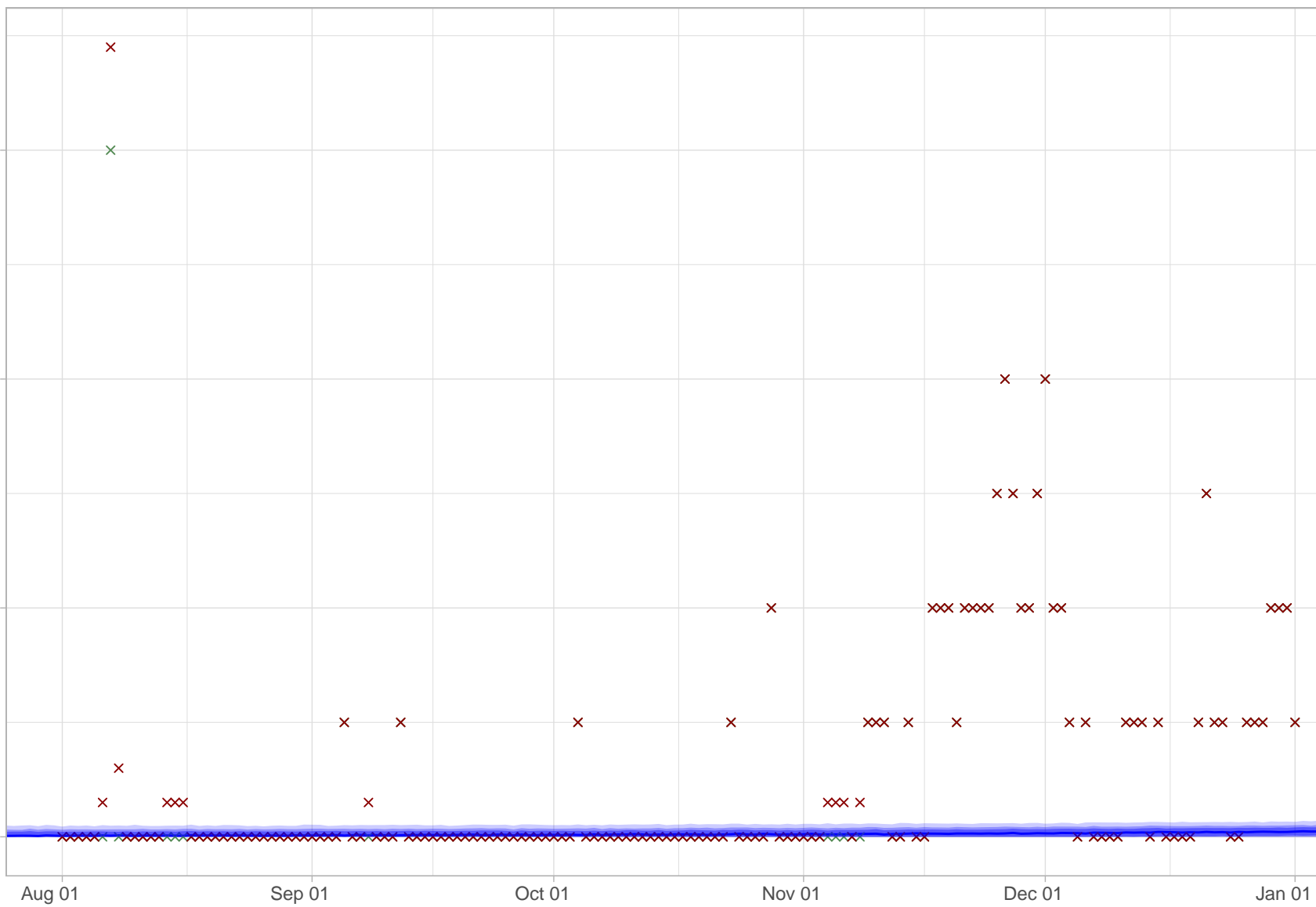
5%-95% 15%-85% 25%-75%

# Long Term Hospitalization Projection



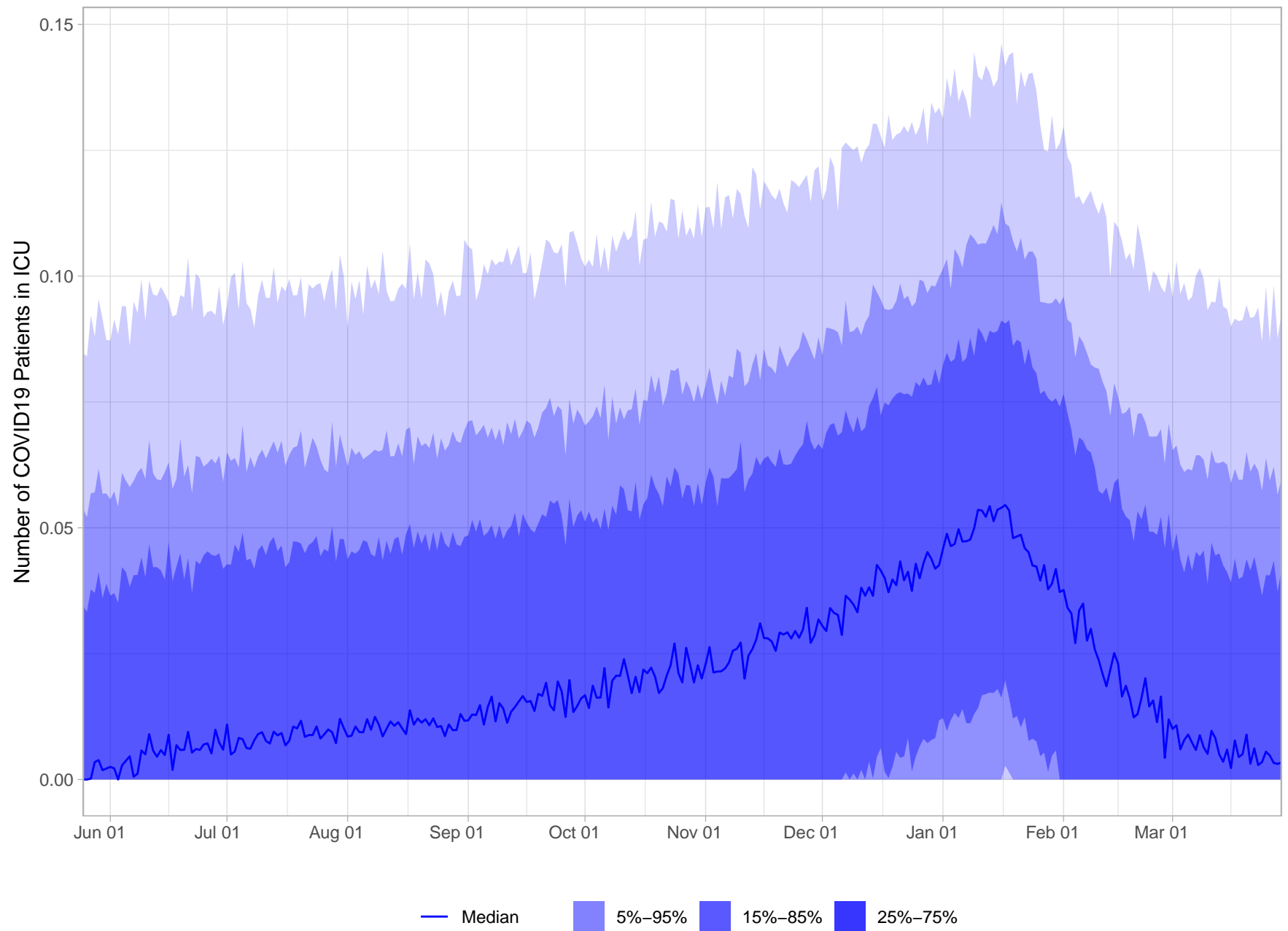
# Short Term ICU Projection

Number of COVID19 Patients in ICU

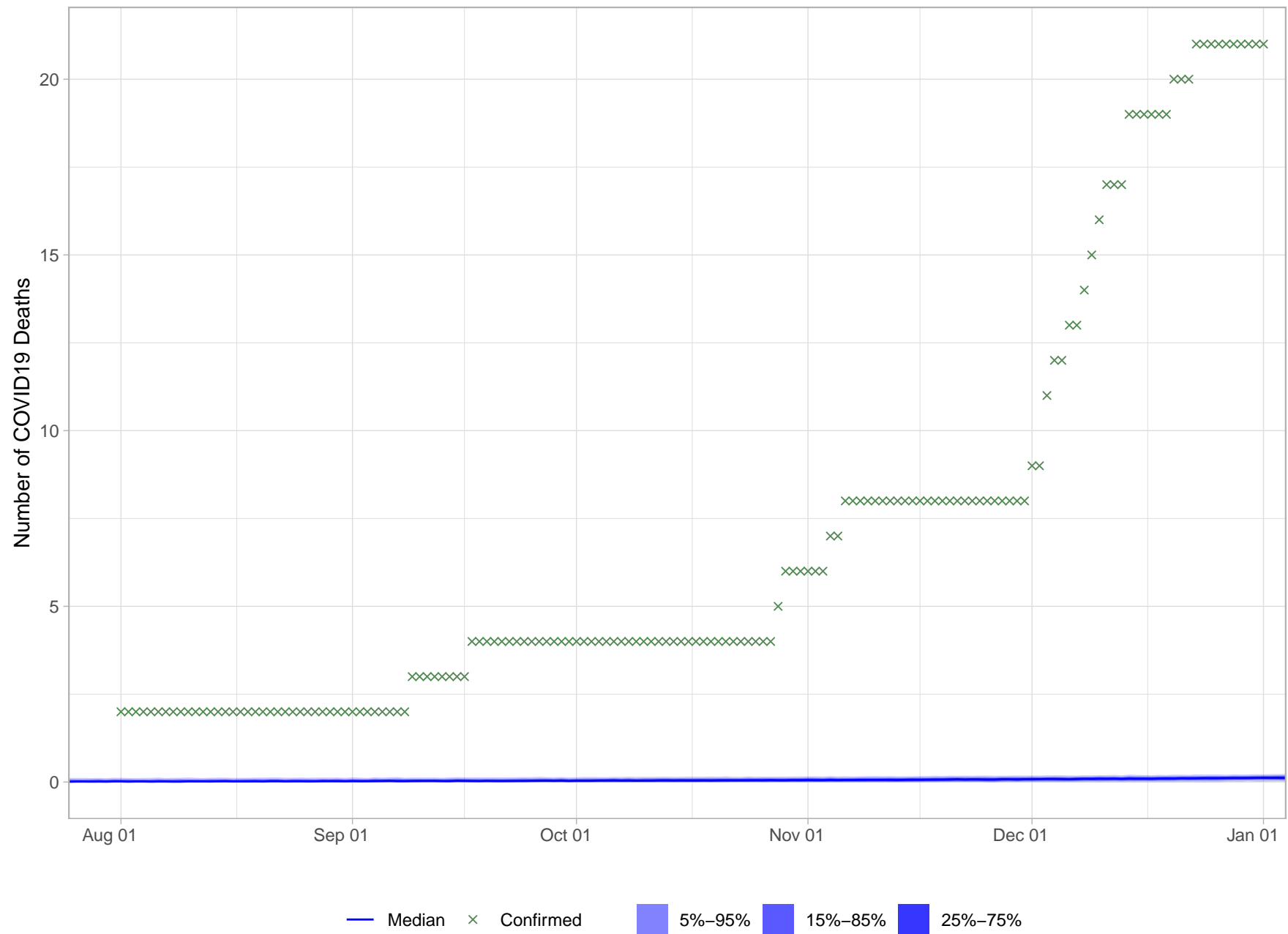


Median Confirmed Confirmed + 30%PUI 5%-95% 15%-85% 25%-75%

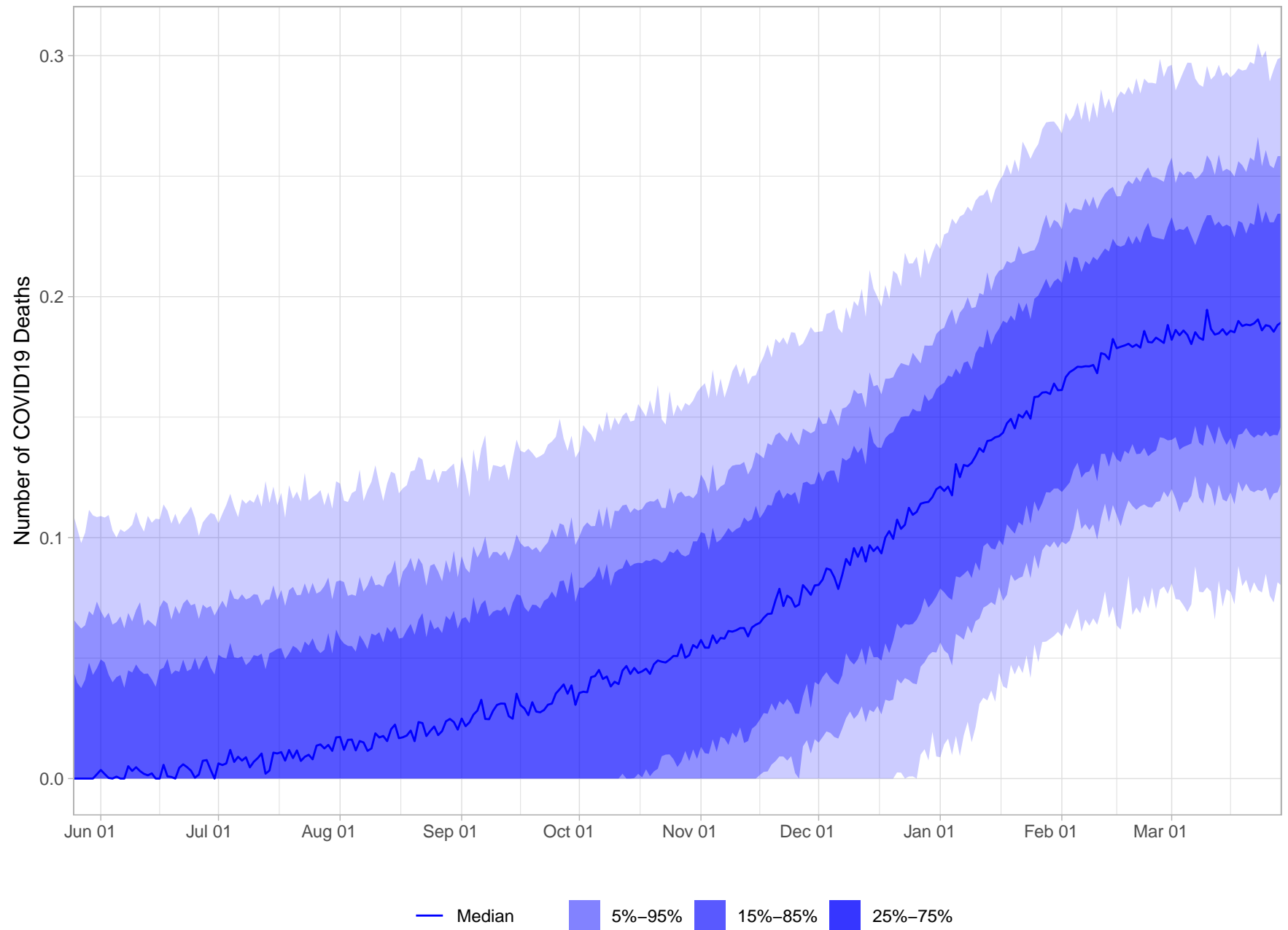
# Long Term ICU Projection



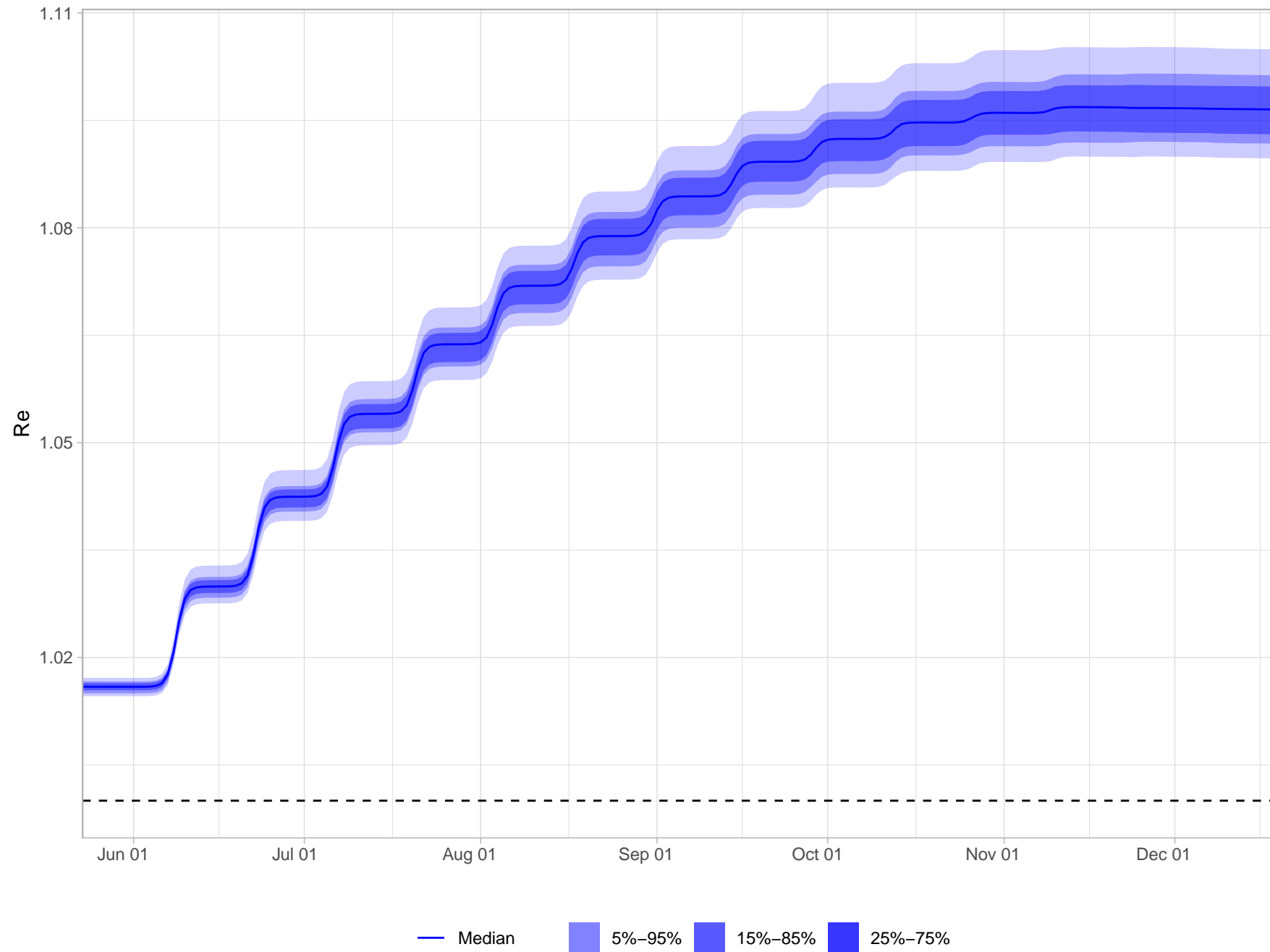
# Short Term Death Projection



# Long Term Death Projection

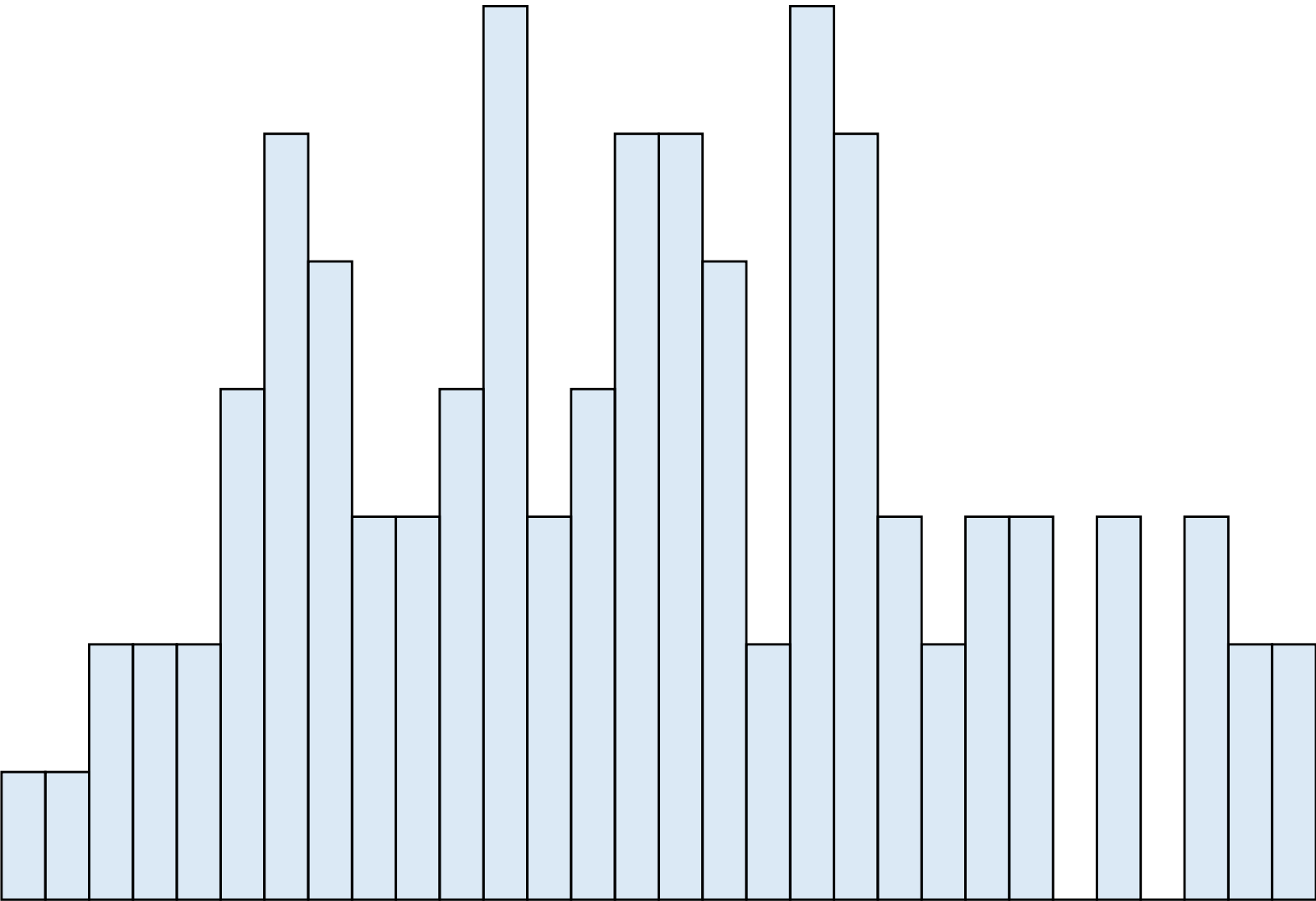


# Effective Reproduction Number



# Rt as of 2020-12-18

5% 10% 25% 50% 75% 90% 95%  
1.09 1.09 1.09 1.10 1.10 1.10 1.10



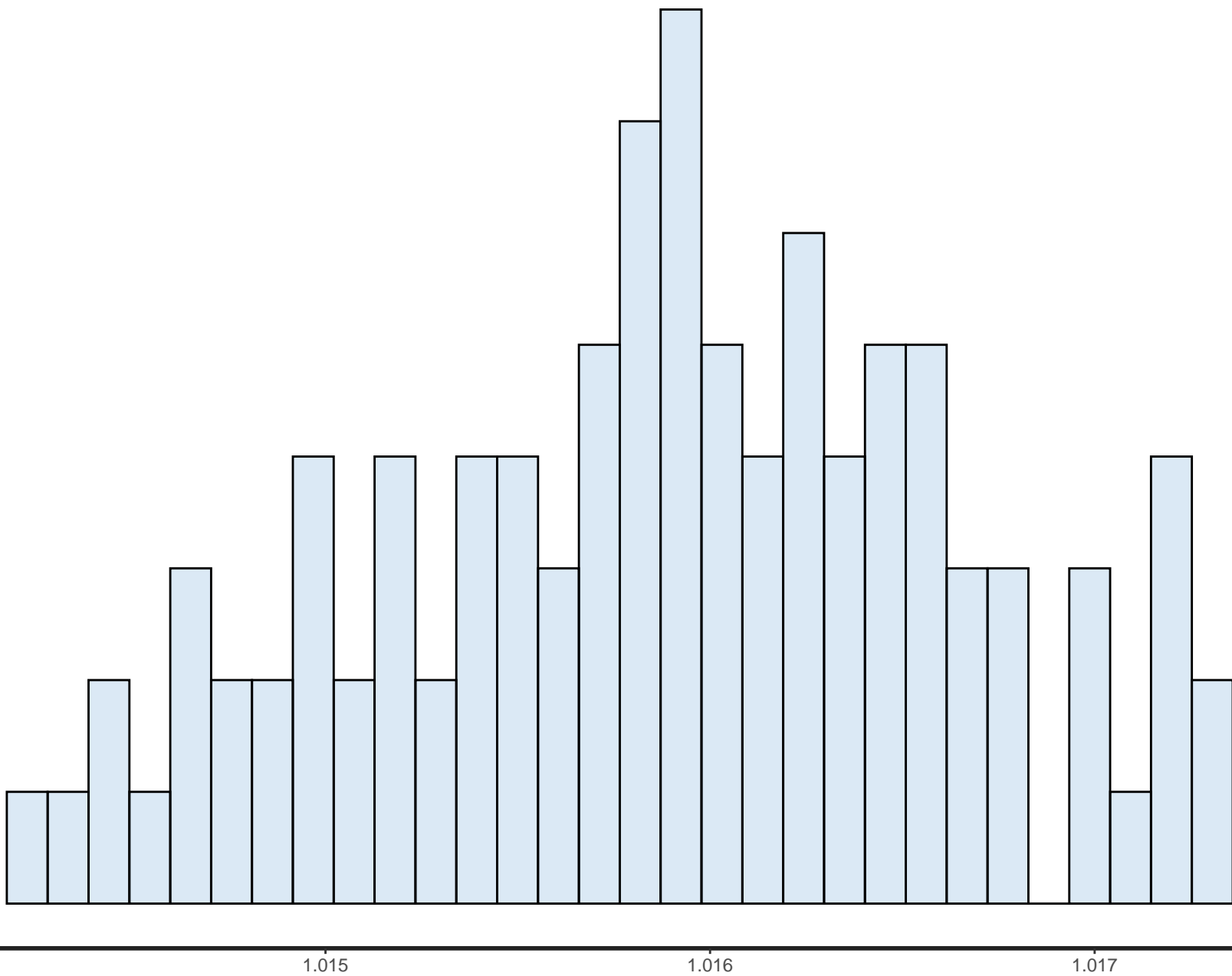
1.090

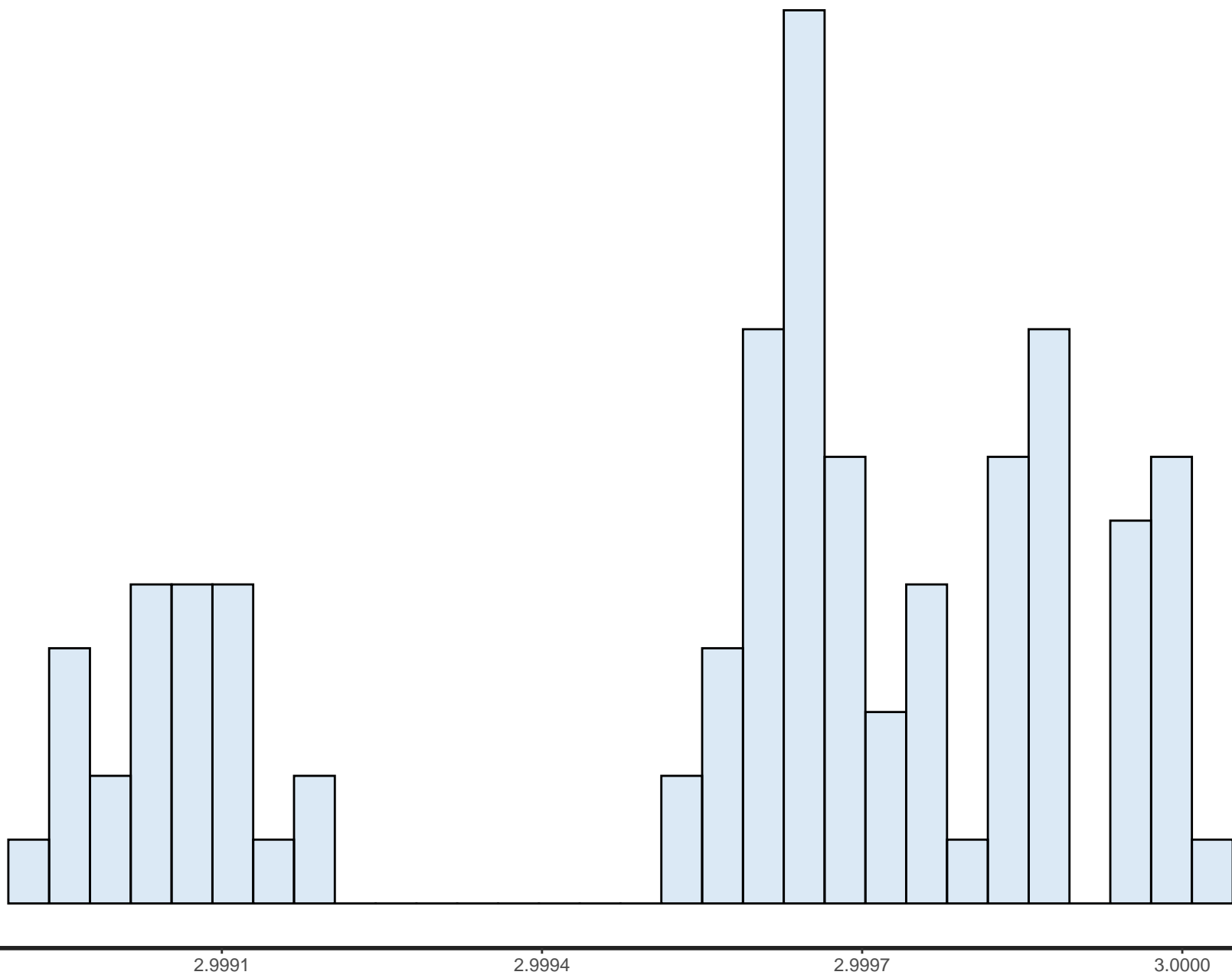
1.095

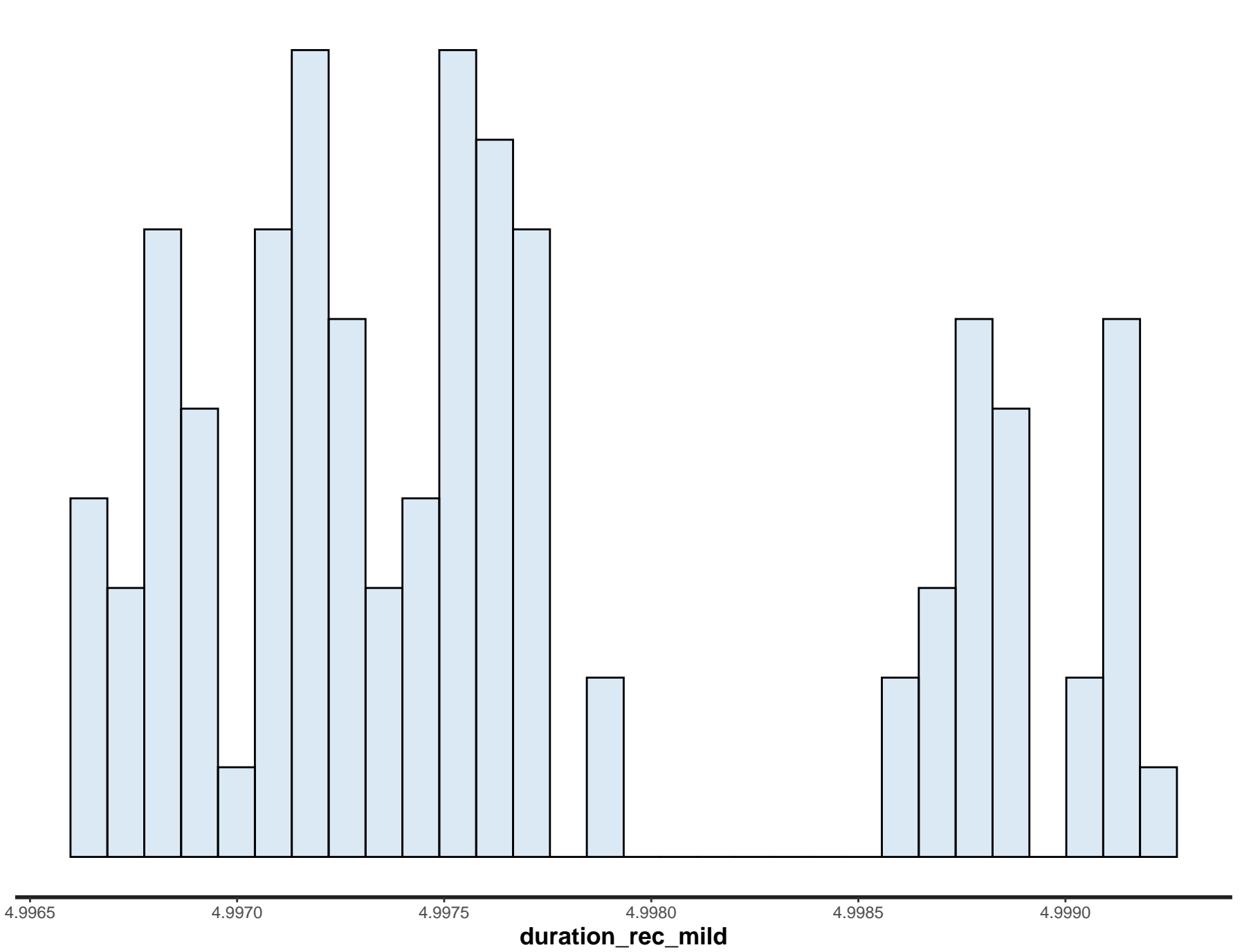
1.100

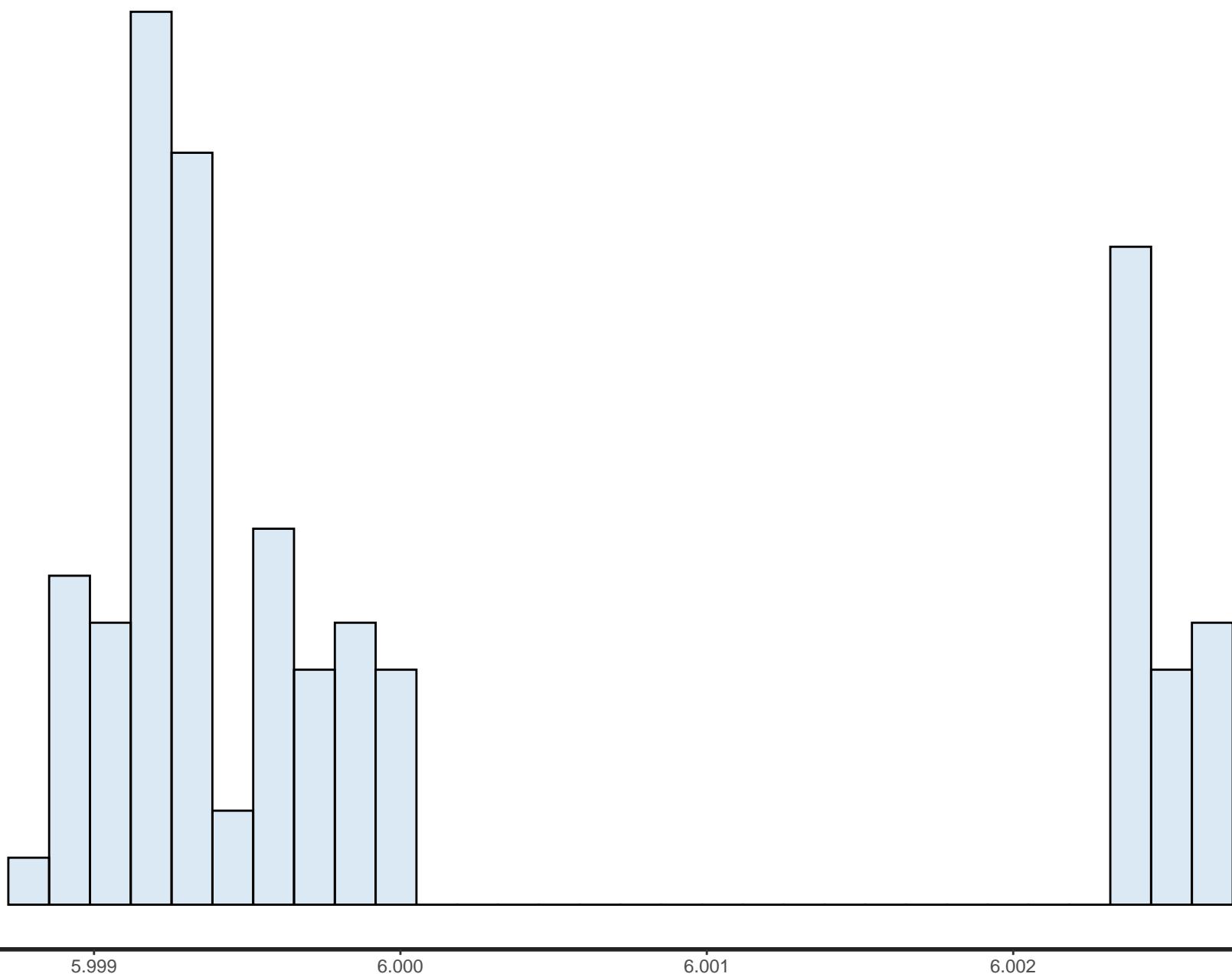
1.105



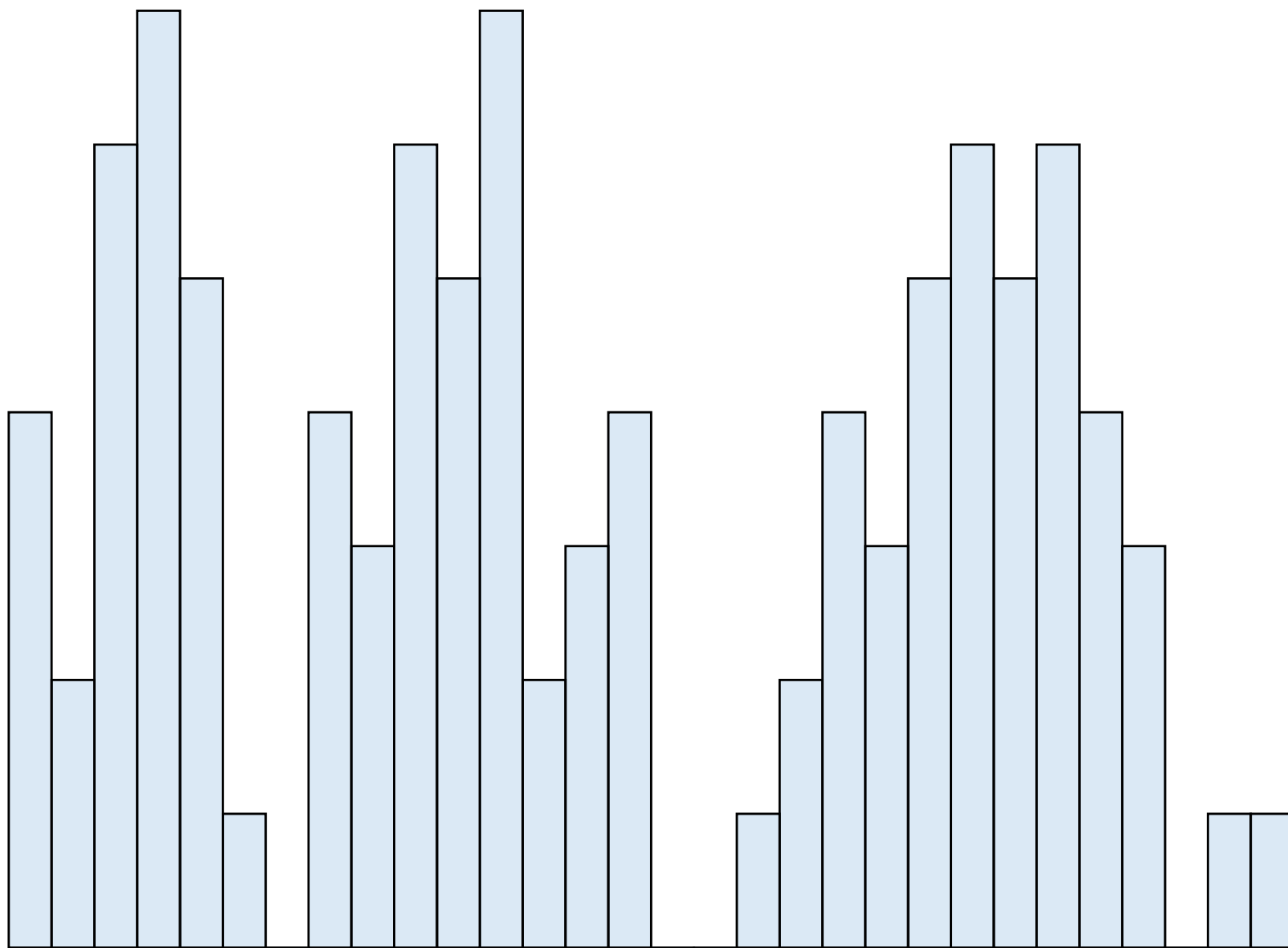








**duration\_pre\_hosp**

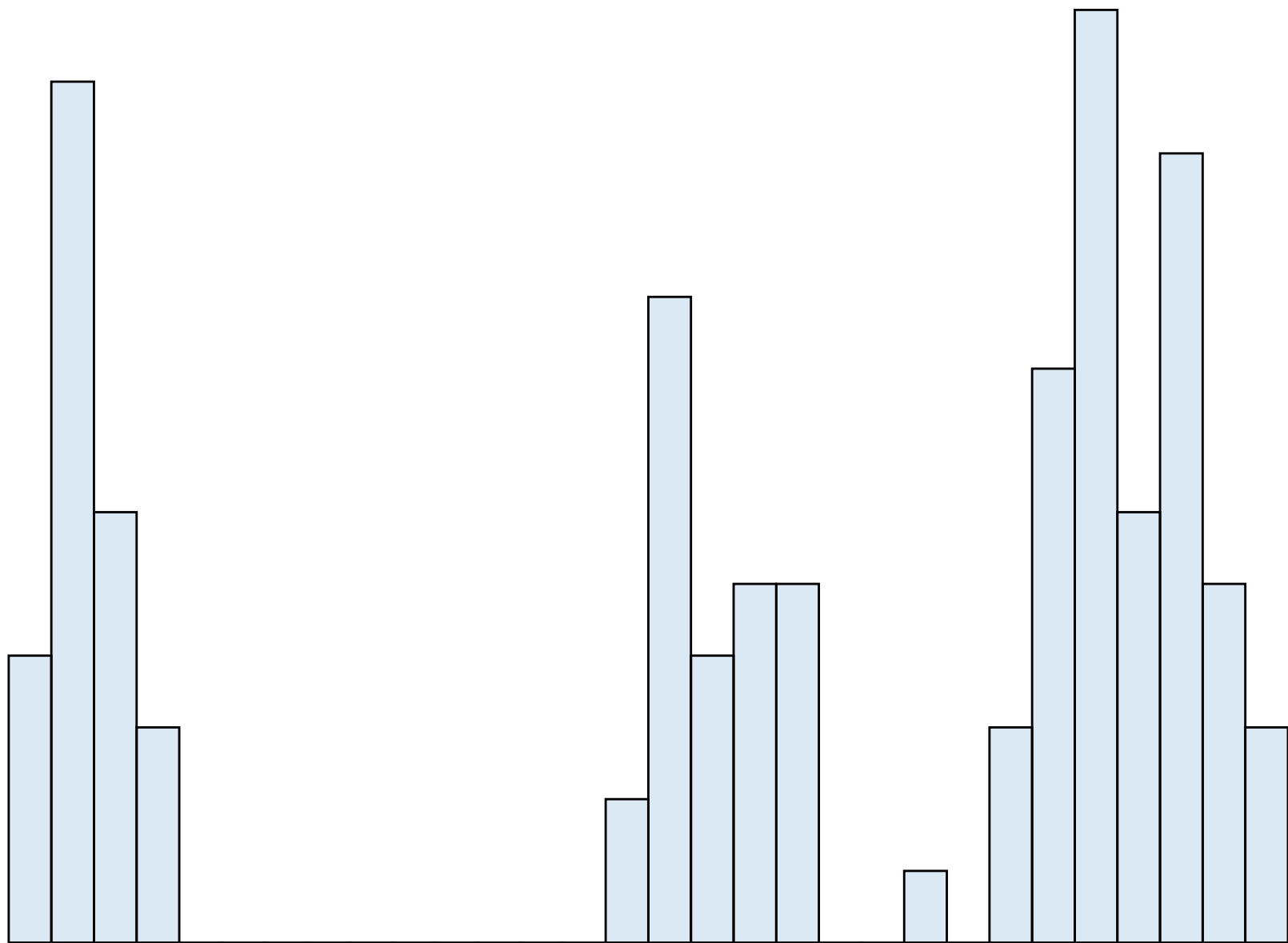


10.001

10.002

10.003

**duration\_hosp\_mod**



15.9975

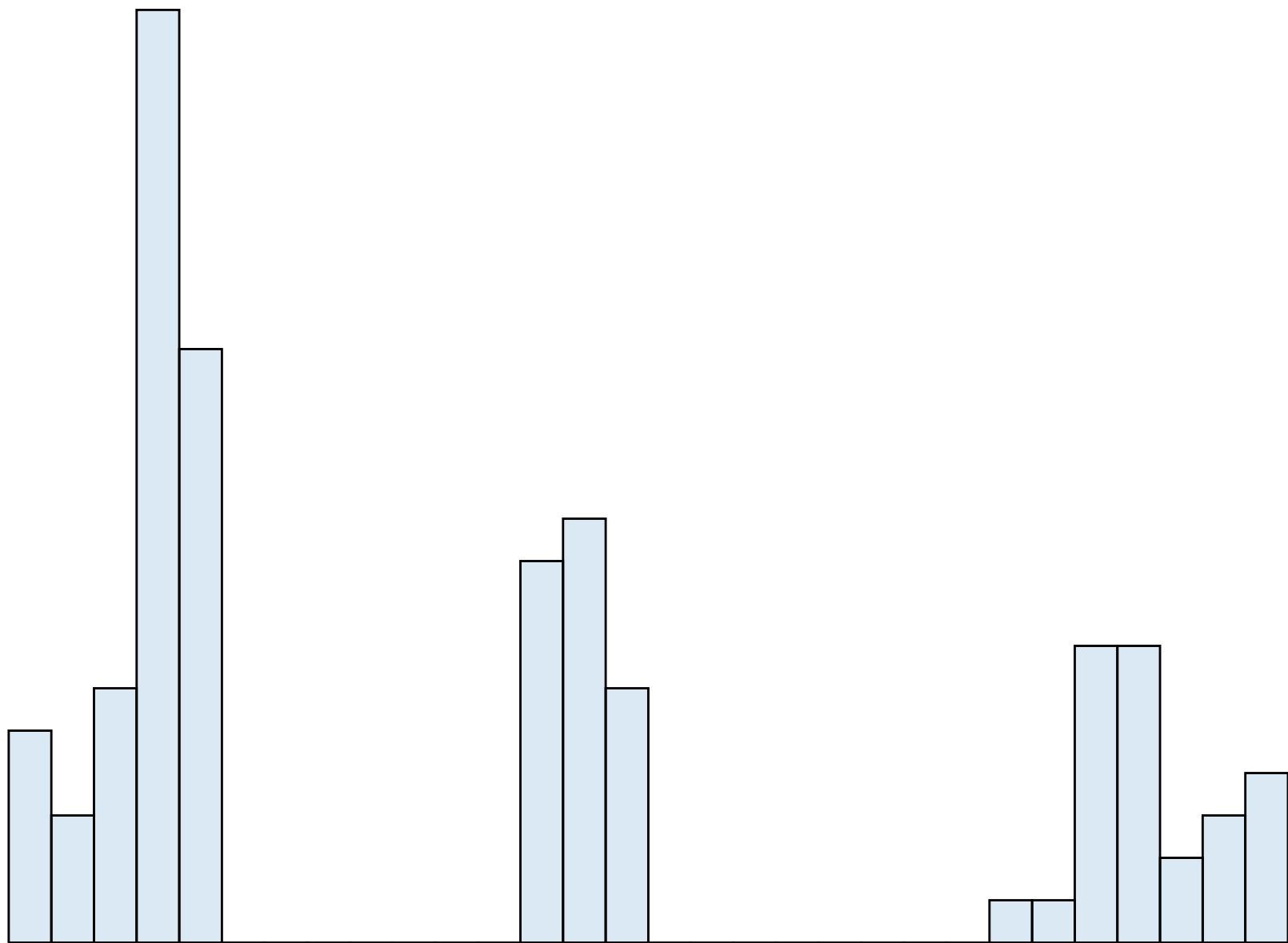
16.0000

16.0025

16.0050

16.0075

**duration\_hosp\_icu**

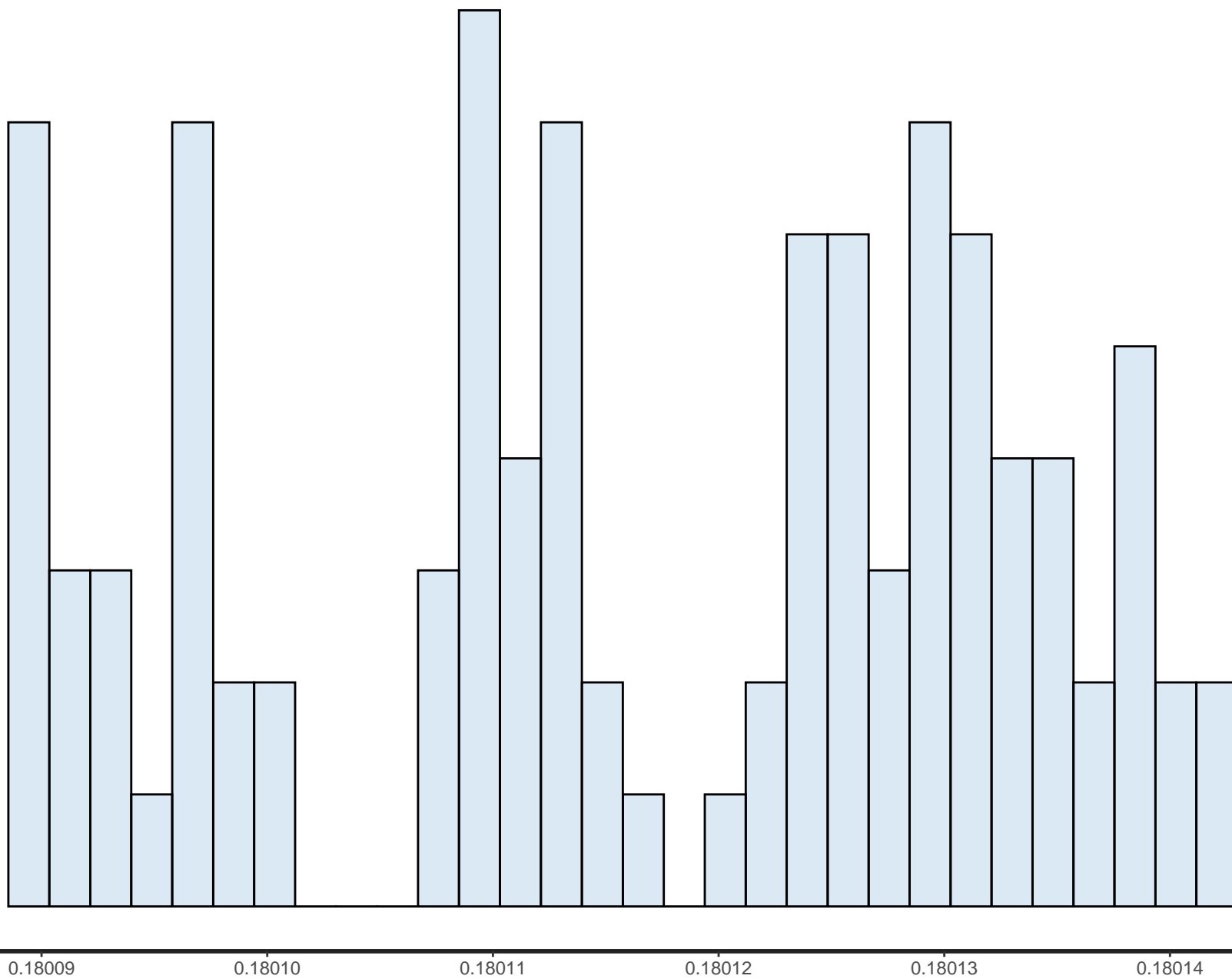


0.04003

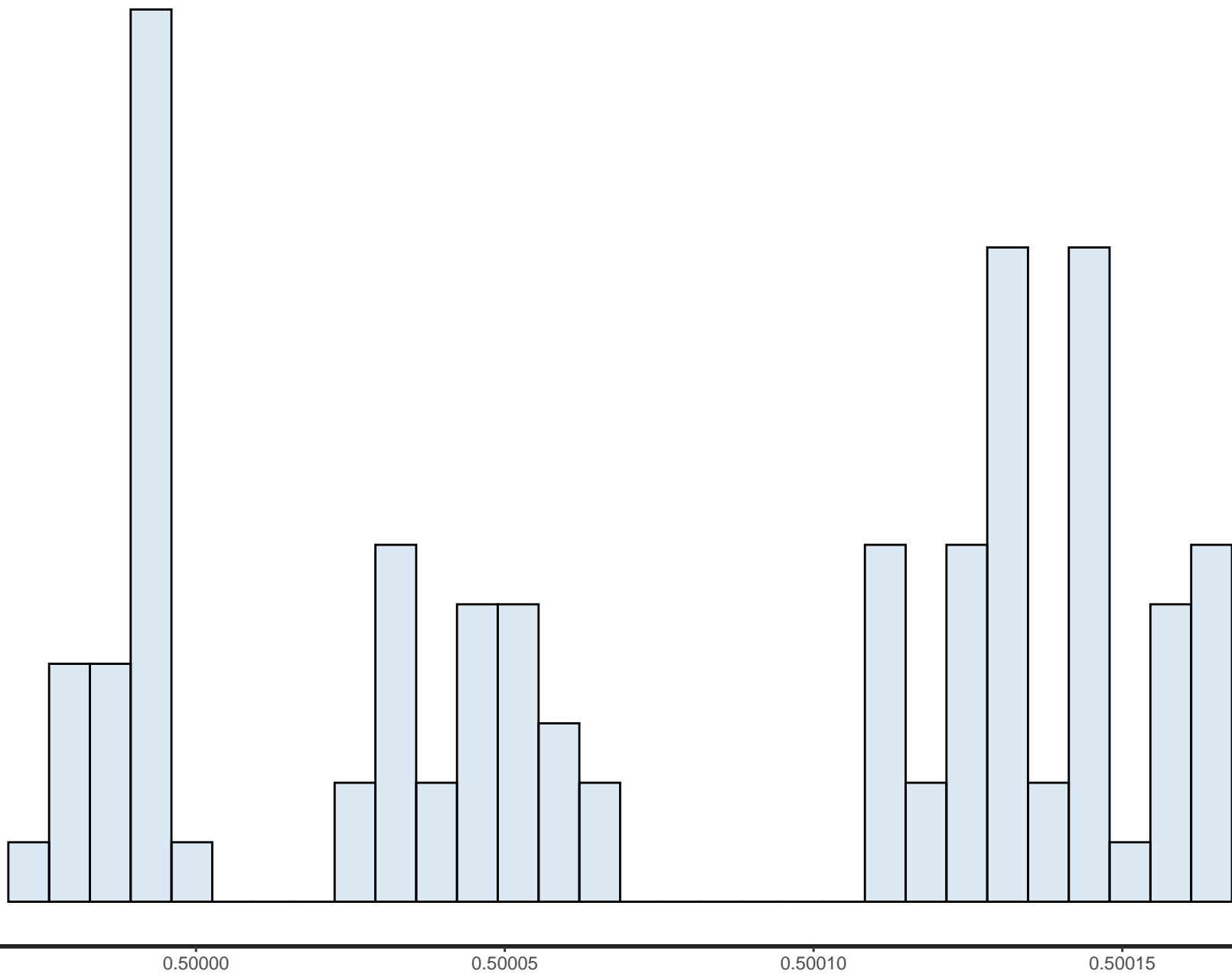
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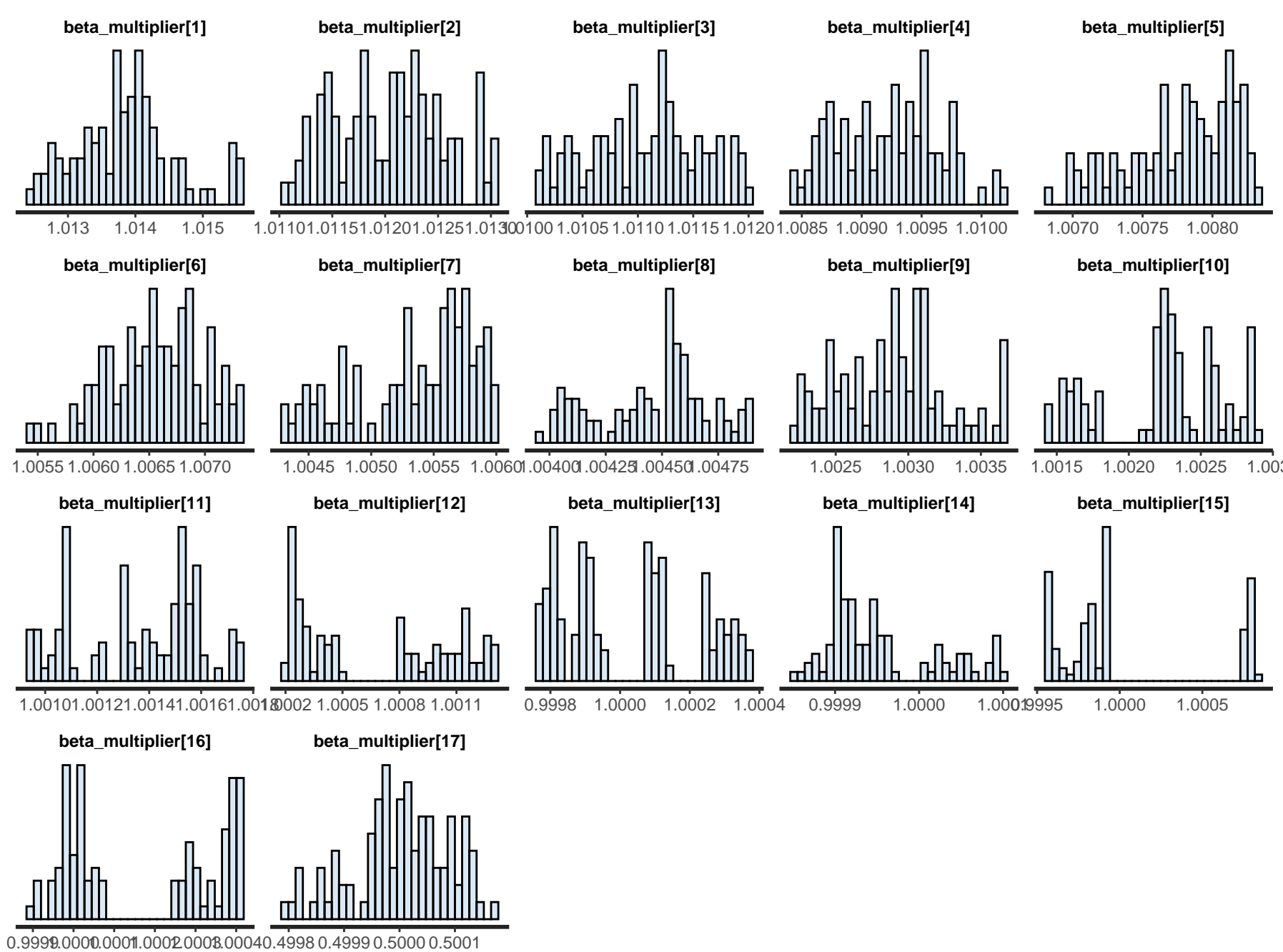
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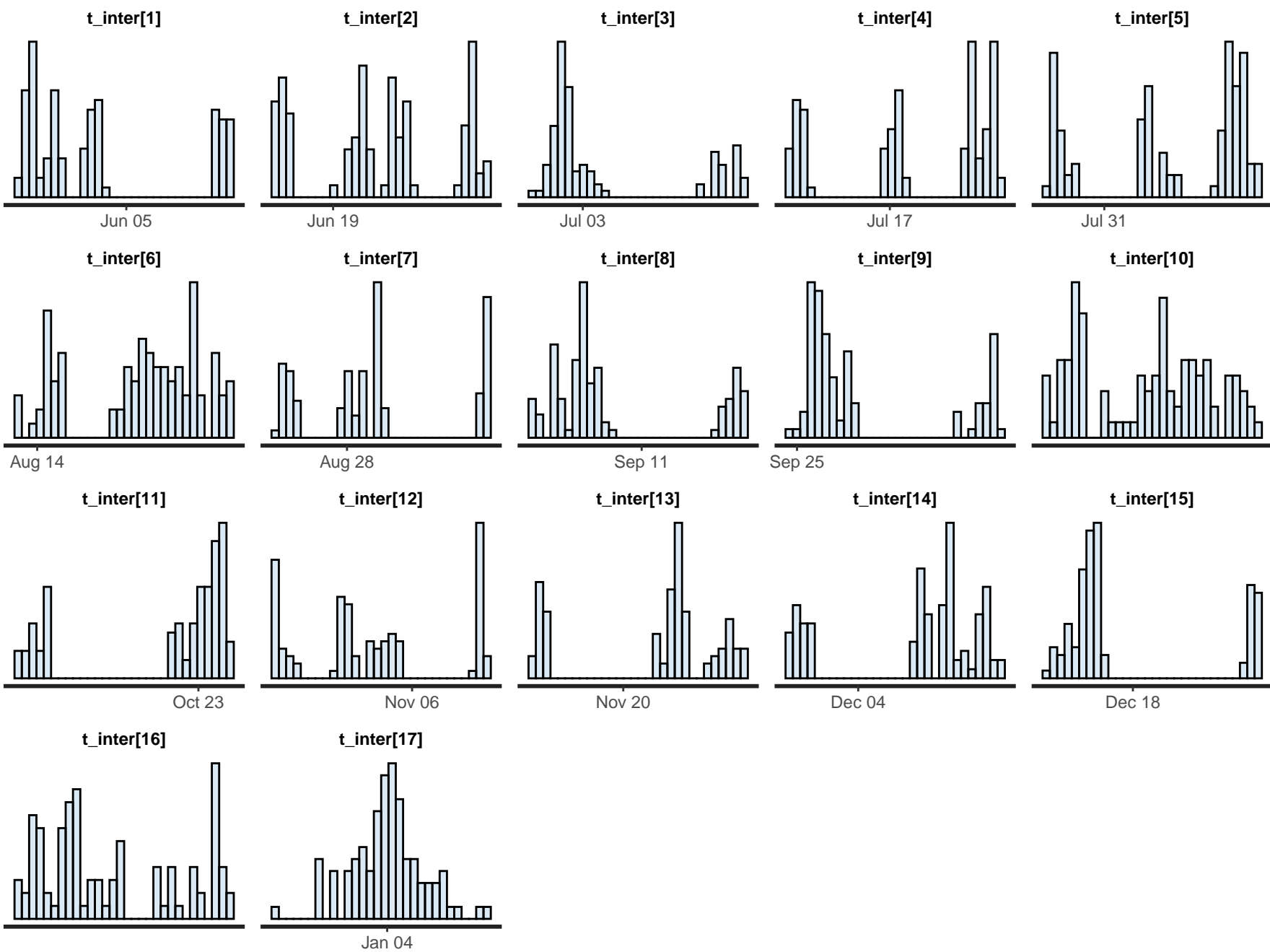
frac\_hosp

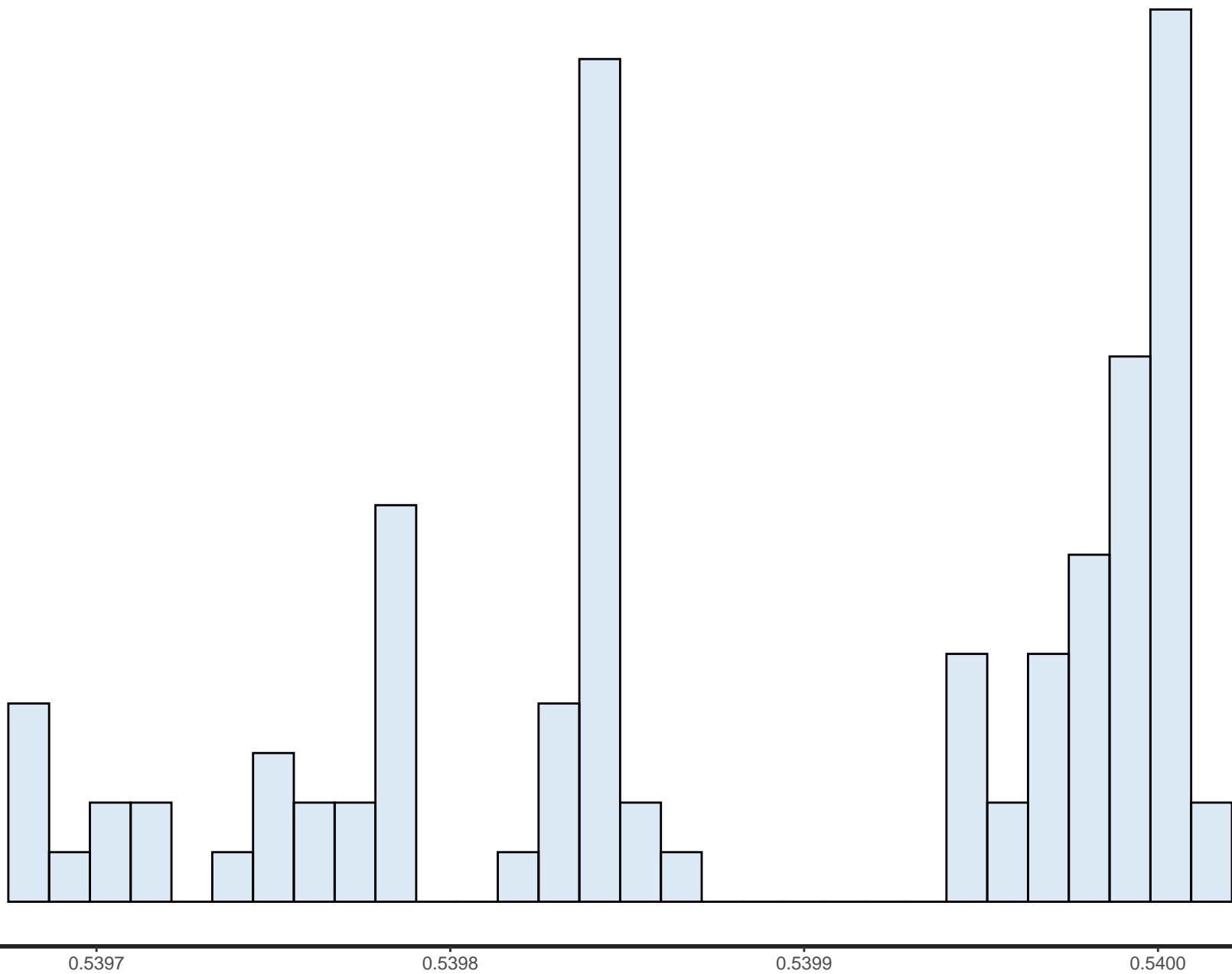




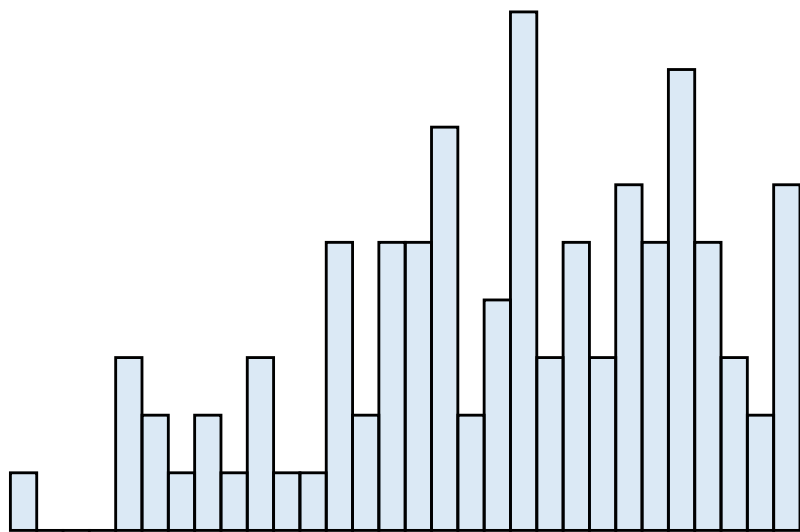




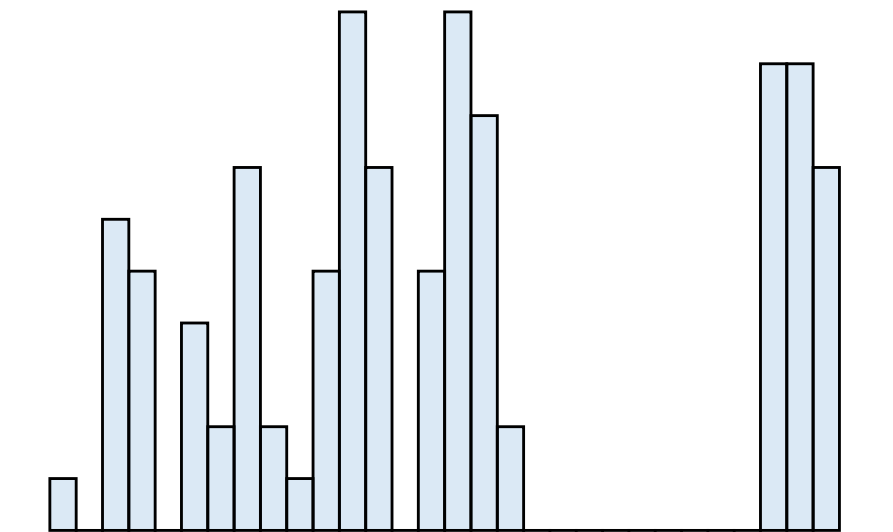




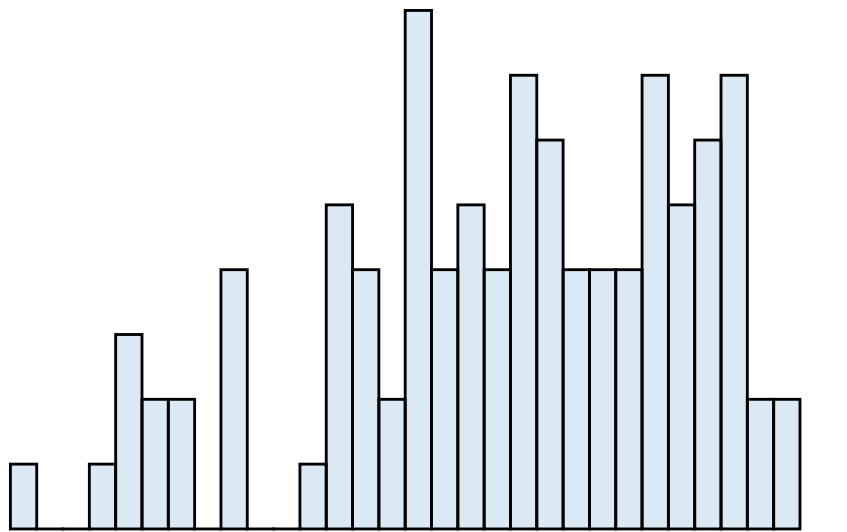
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

