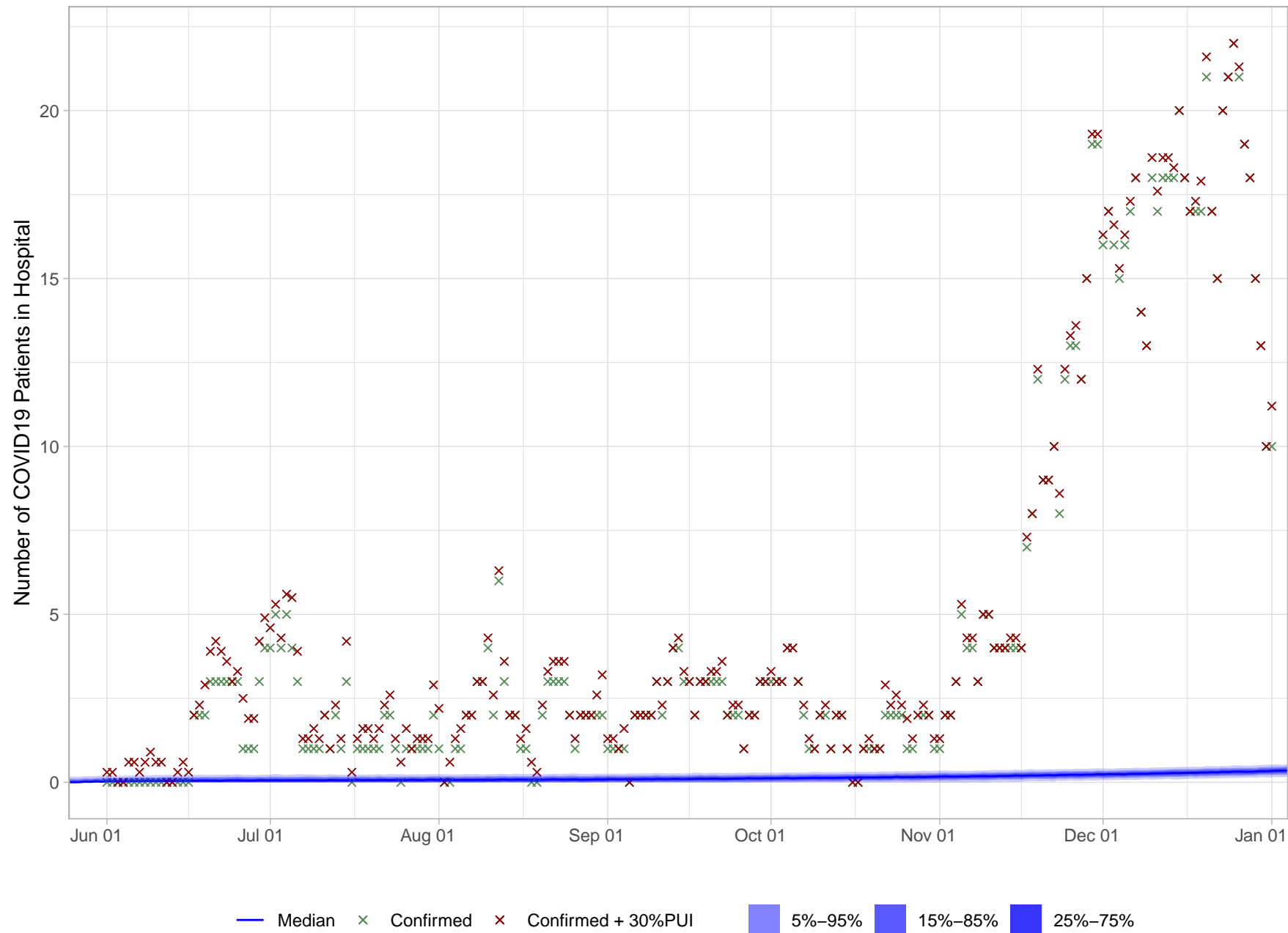
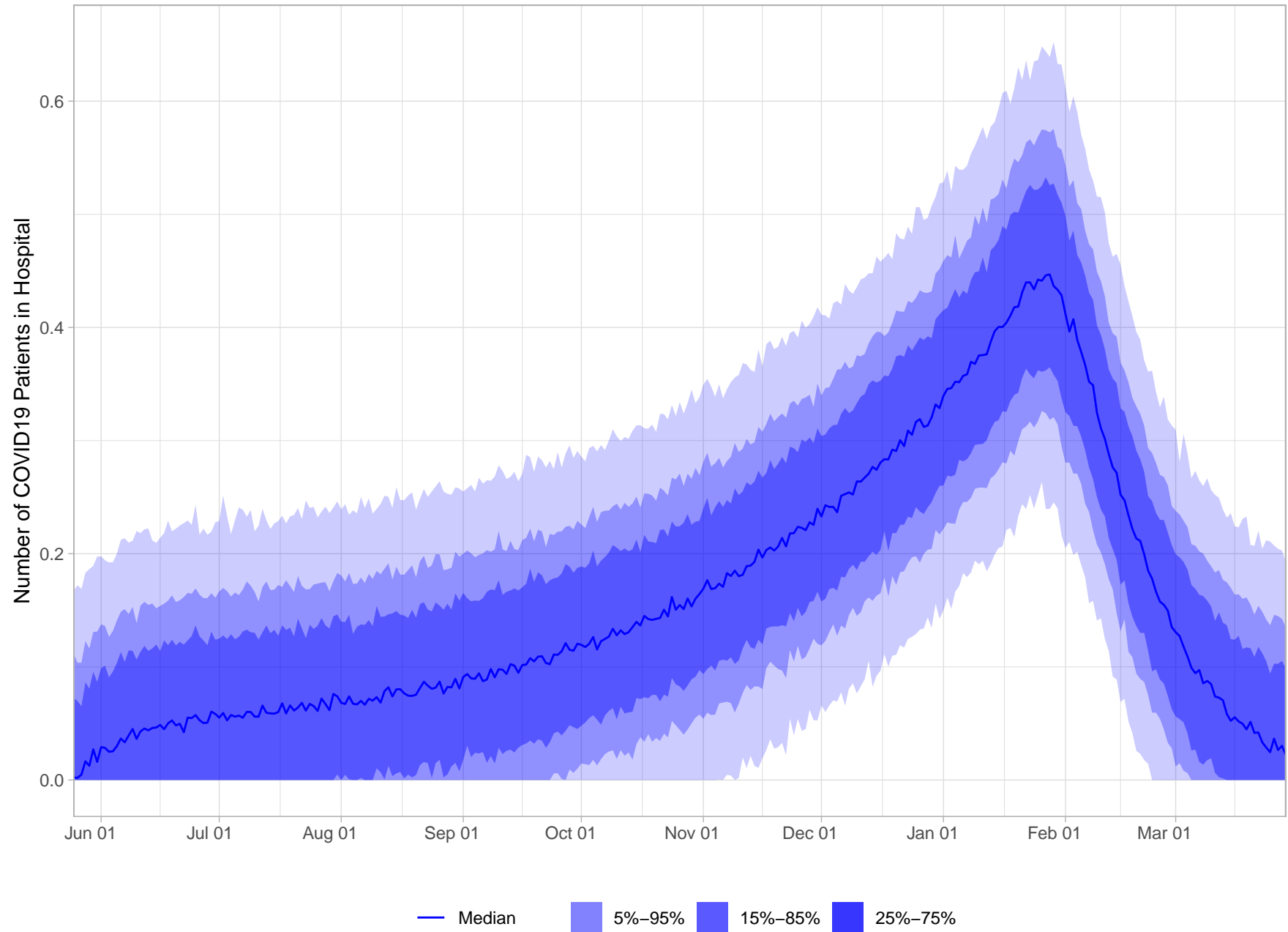


# Short Term Hospitalization Projection

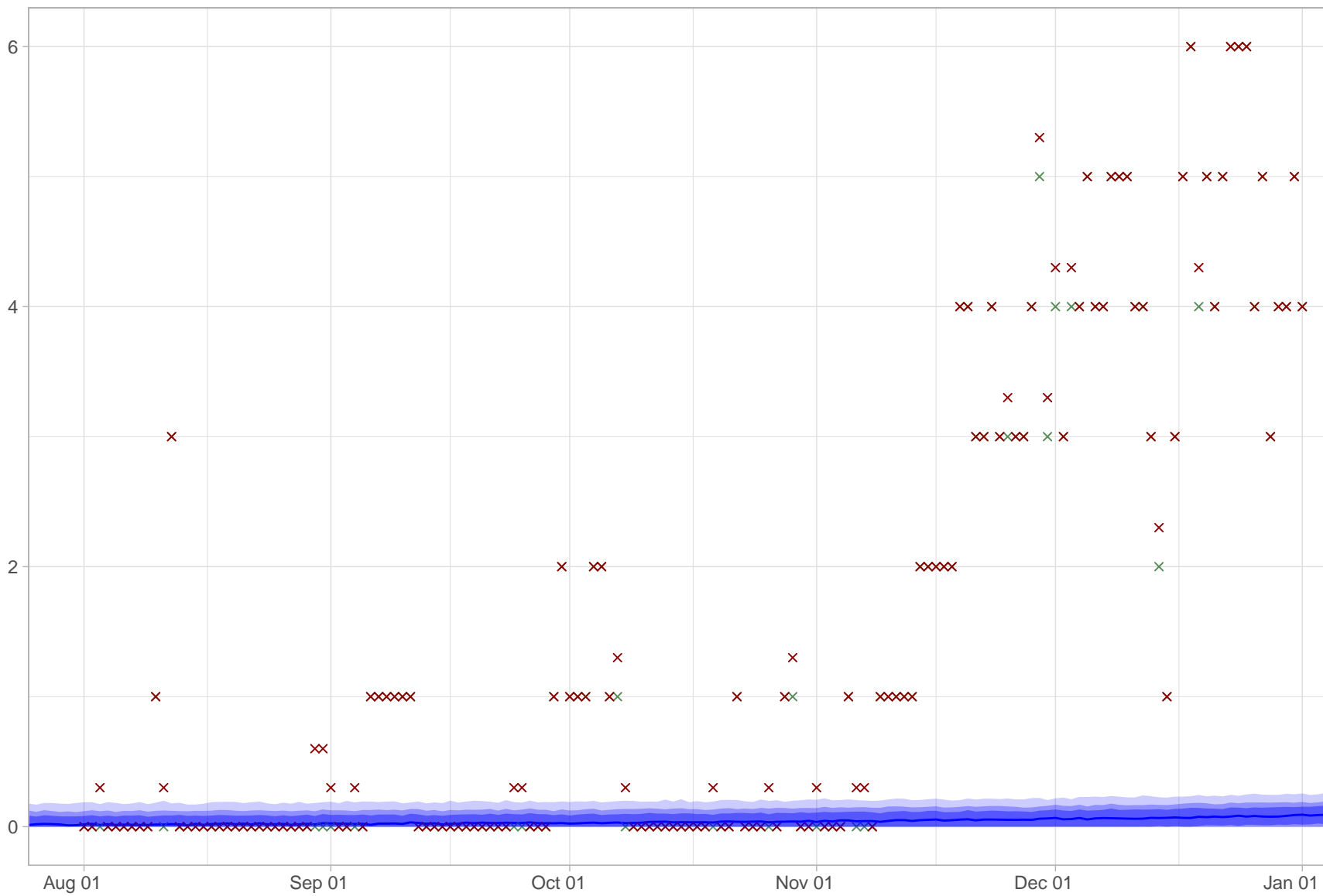


# Long Term Hospitalization Projection



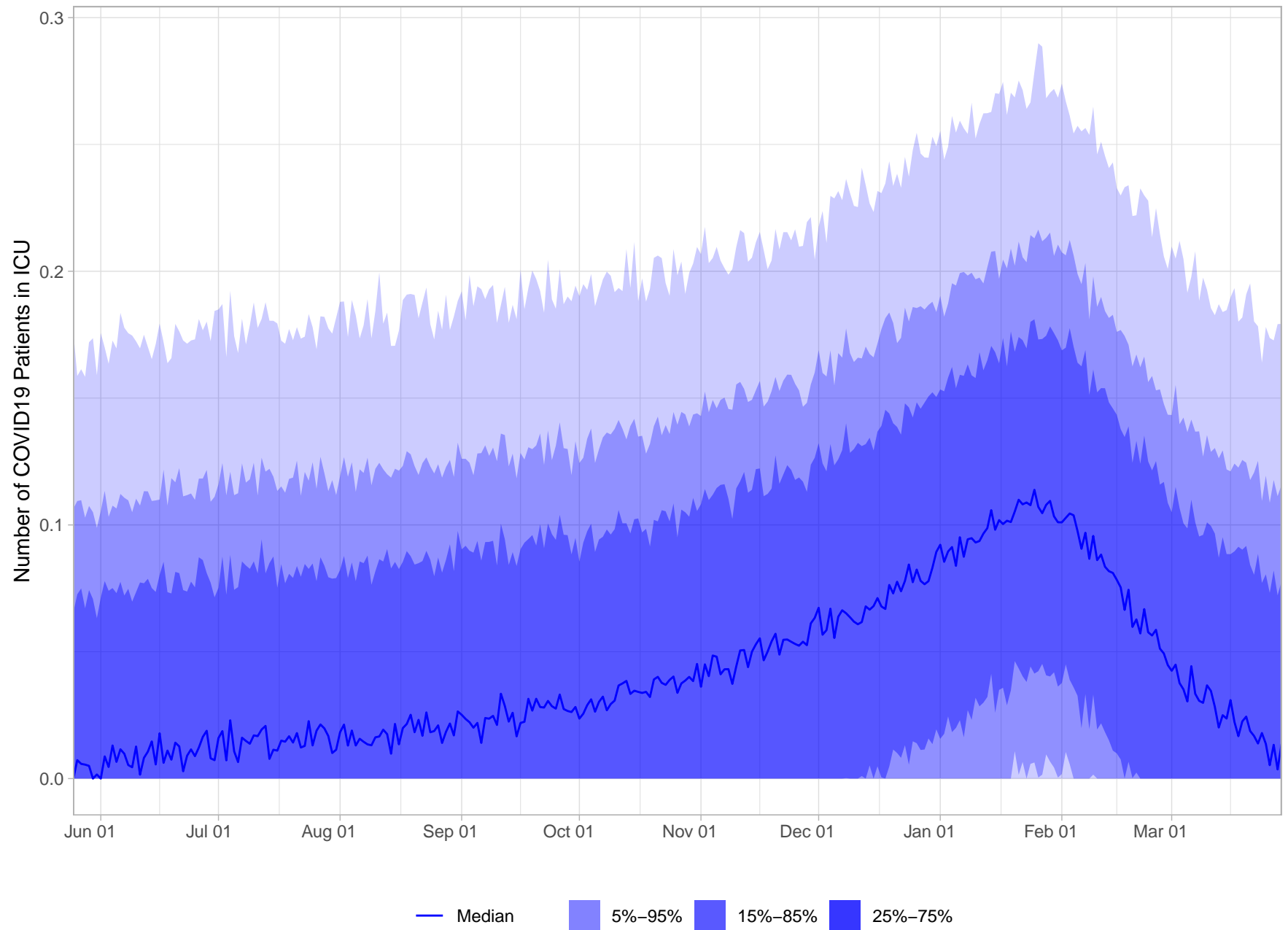
# Short Term ICU Projection

Number of COVID19 Patients in ICU



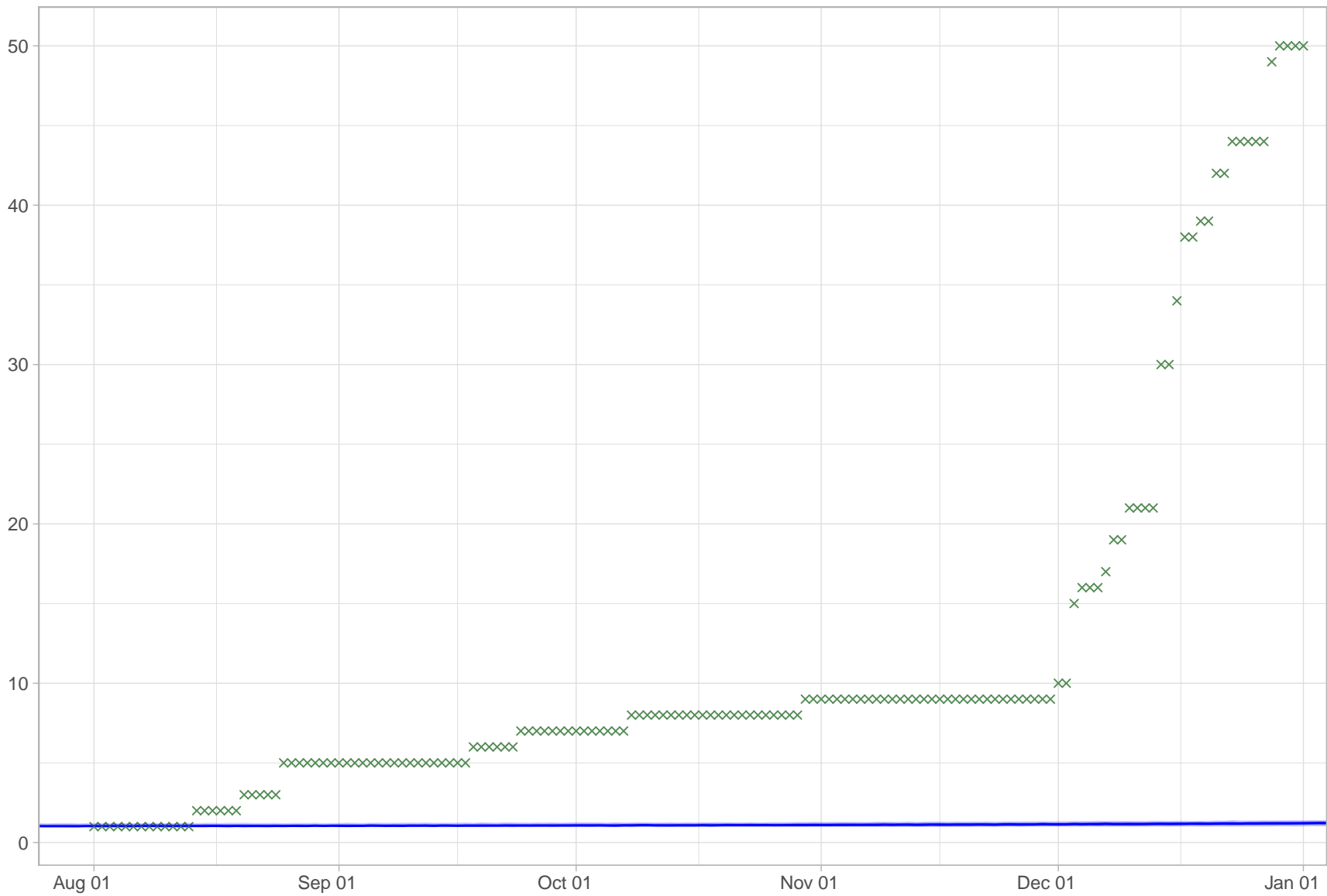
Median Confirmed Confirmed + 30%PUI 5%–95% 15%–85% 25%–75%

# Long Term ICU Projection



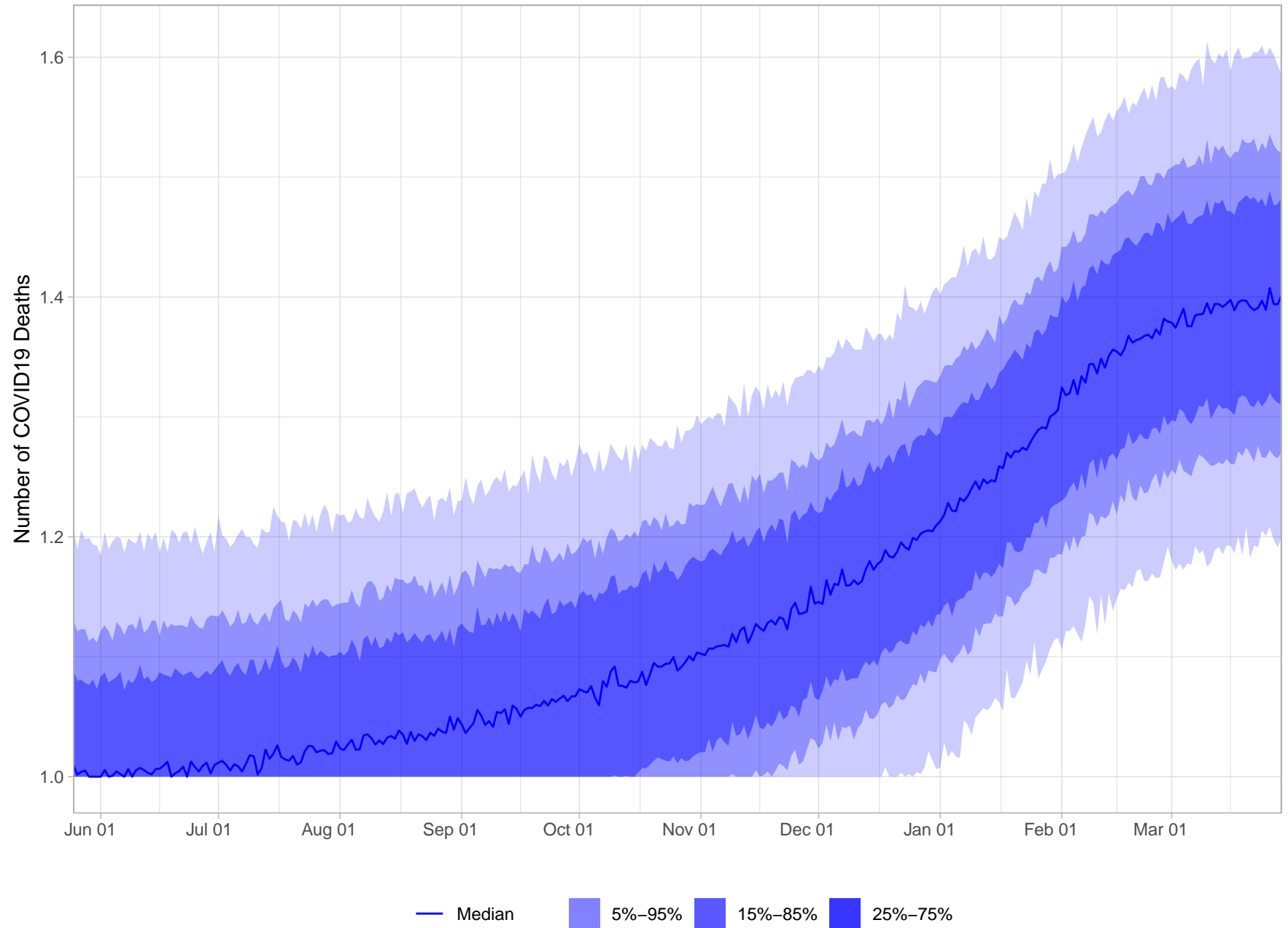
# Short Term Death Projection

Number of COVID19 Deaths

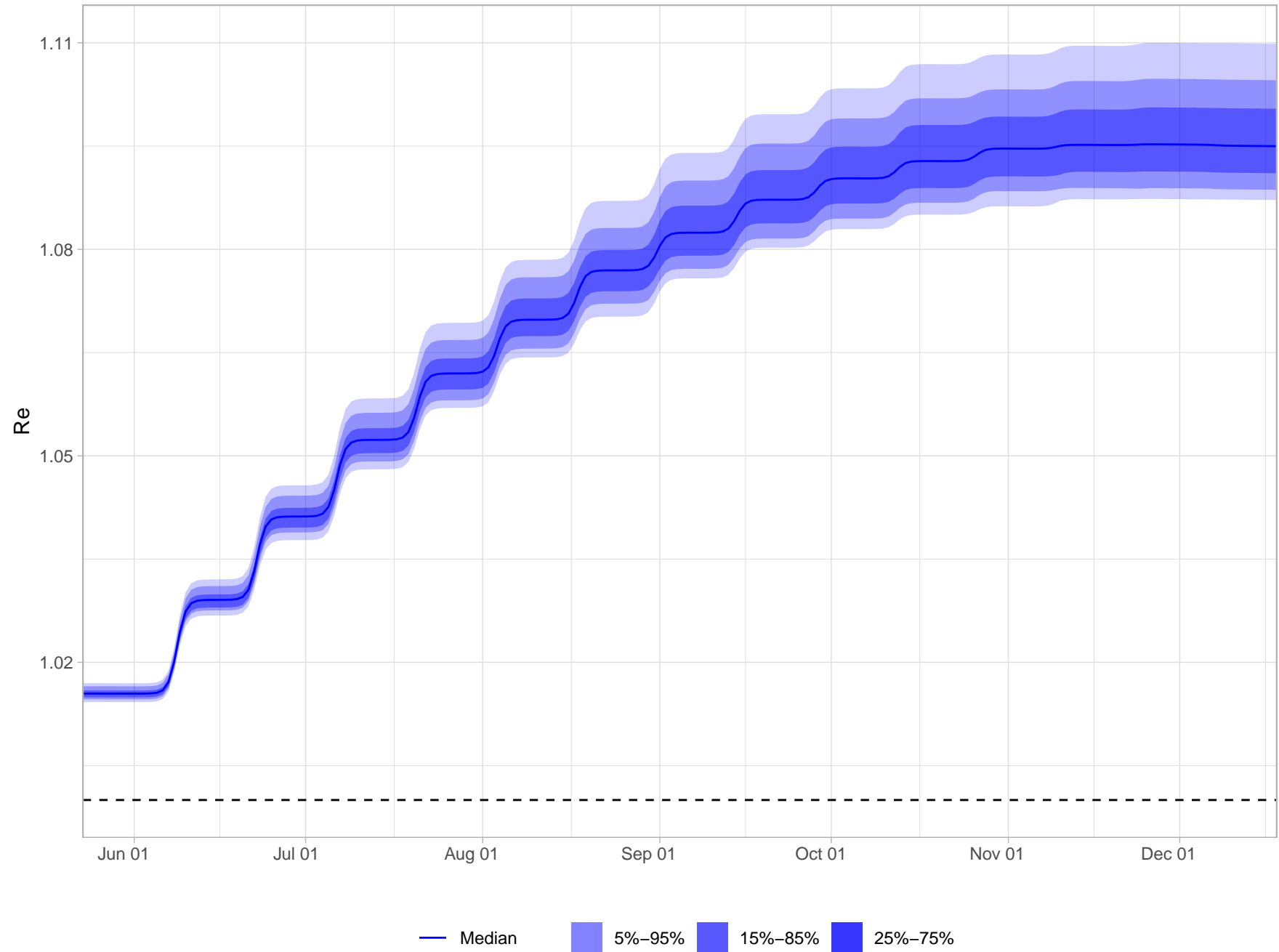


— Median    x Confirmed    5%–95%    15%–85%    25%–75%

# Long Term Death Projection

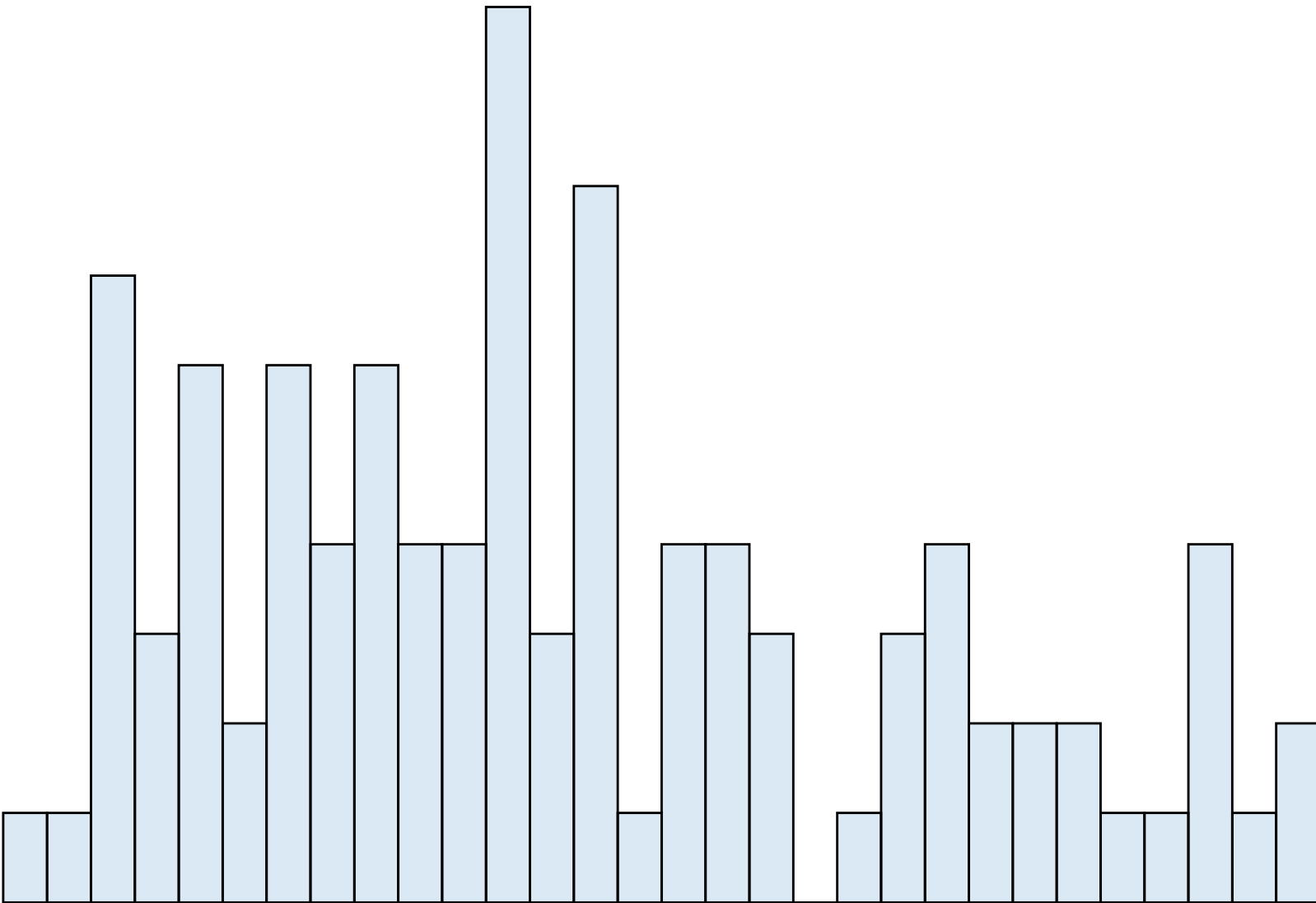


# Effective Reproduction Number



# Rt as of 2020-12-18

5% 10% 25% 50% 75% 90% 95%  
1.09 1.09 1.09 1.09 1.10 1.11 1.11

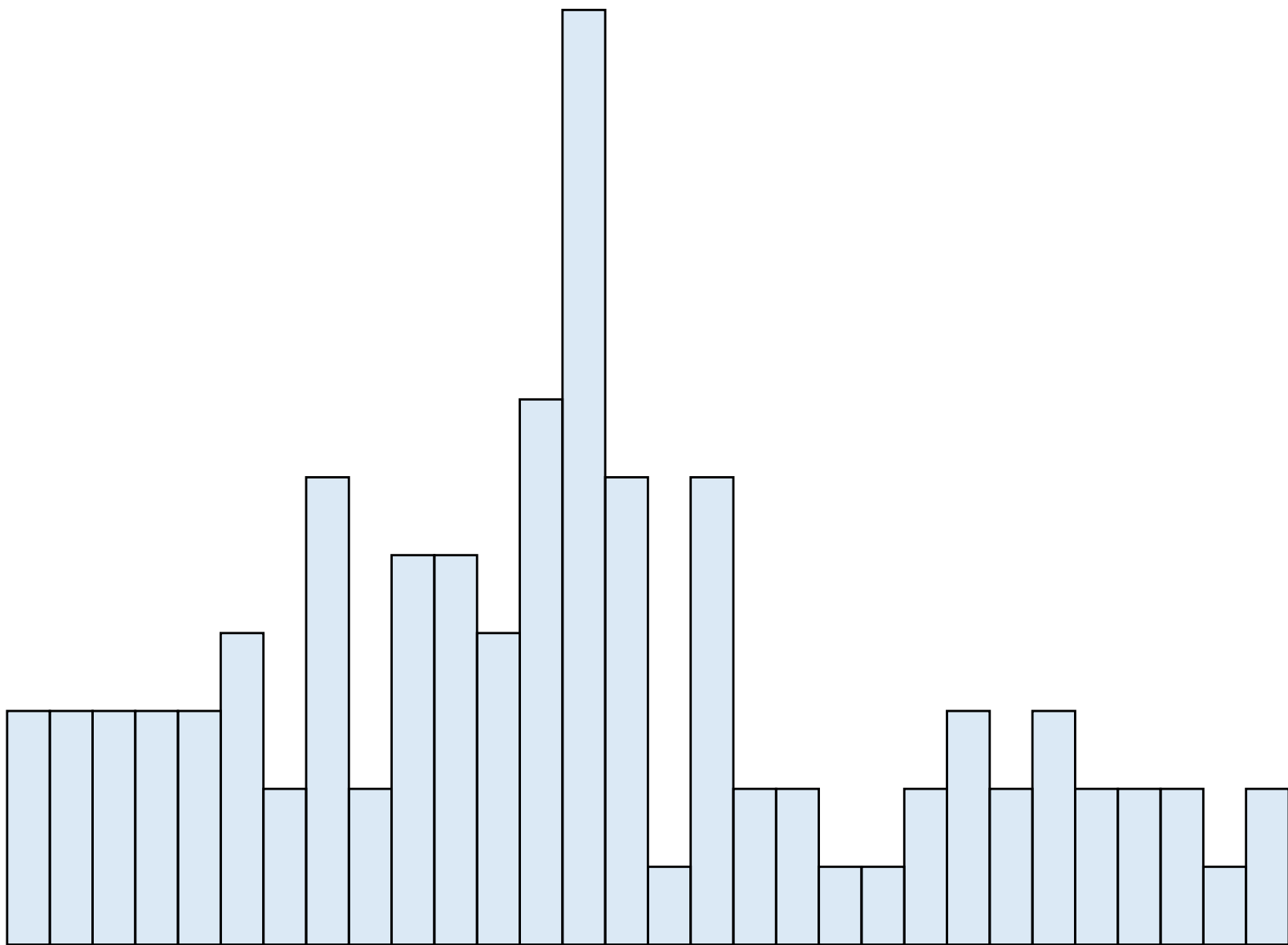


1.09

1.10

1.11





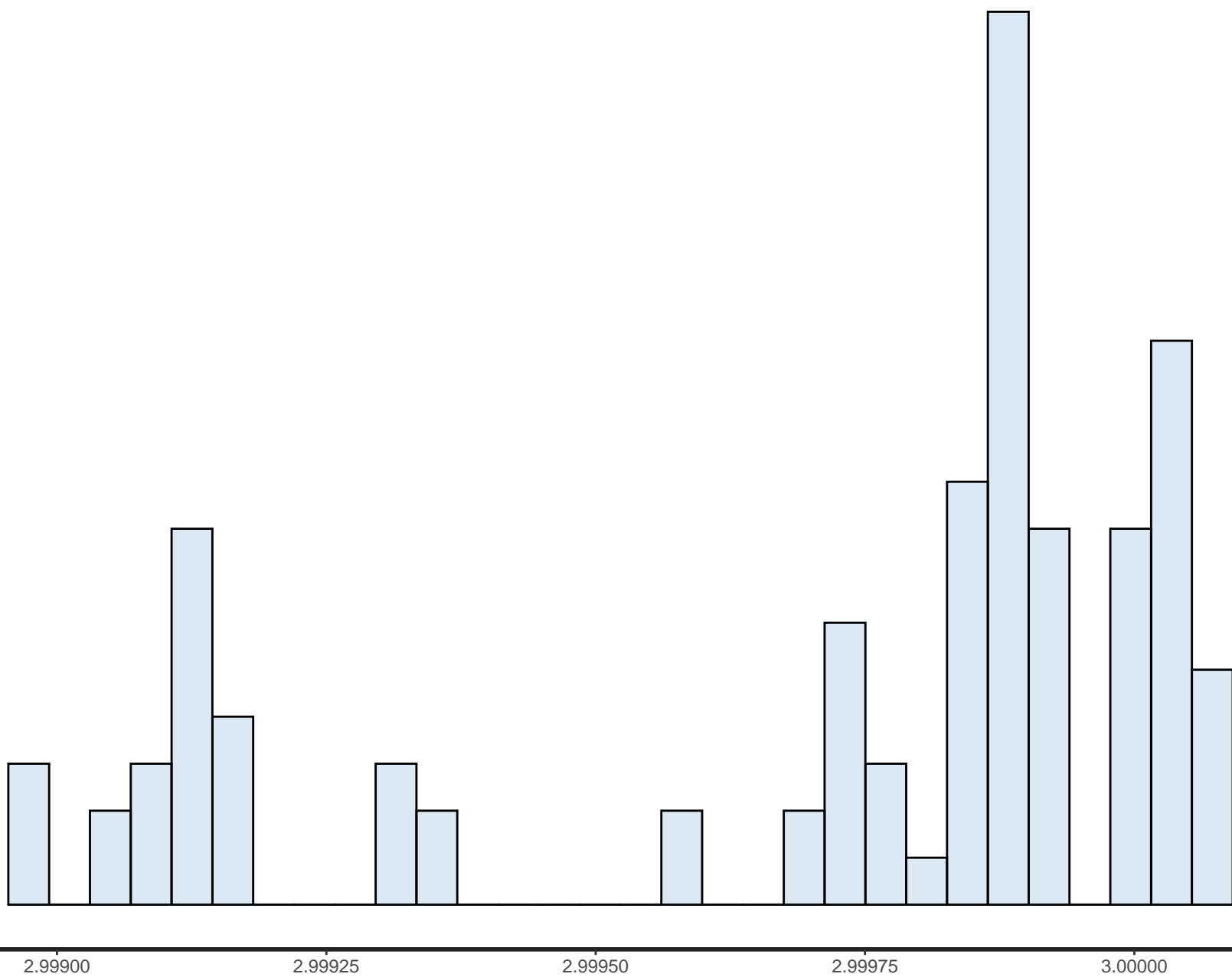
1.014

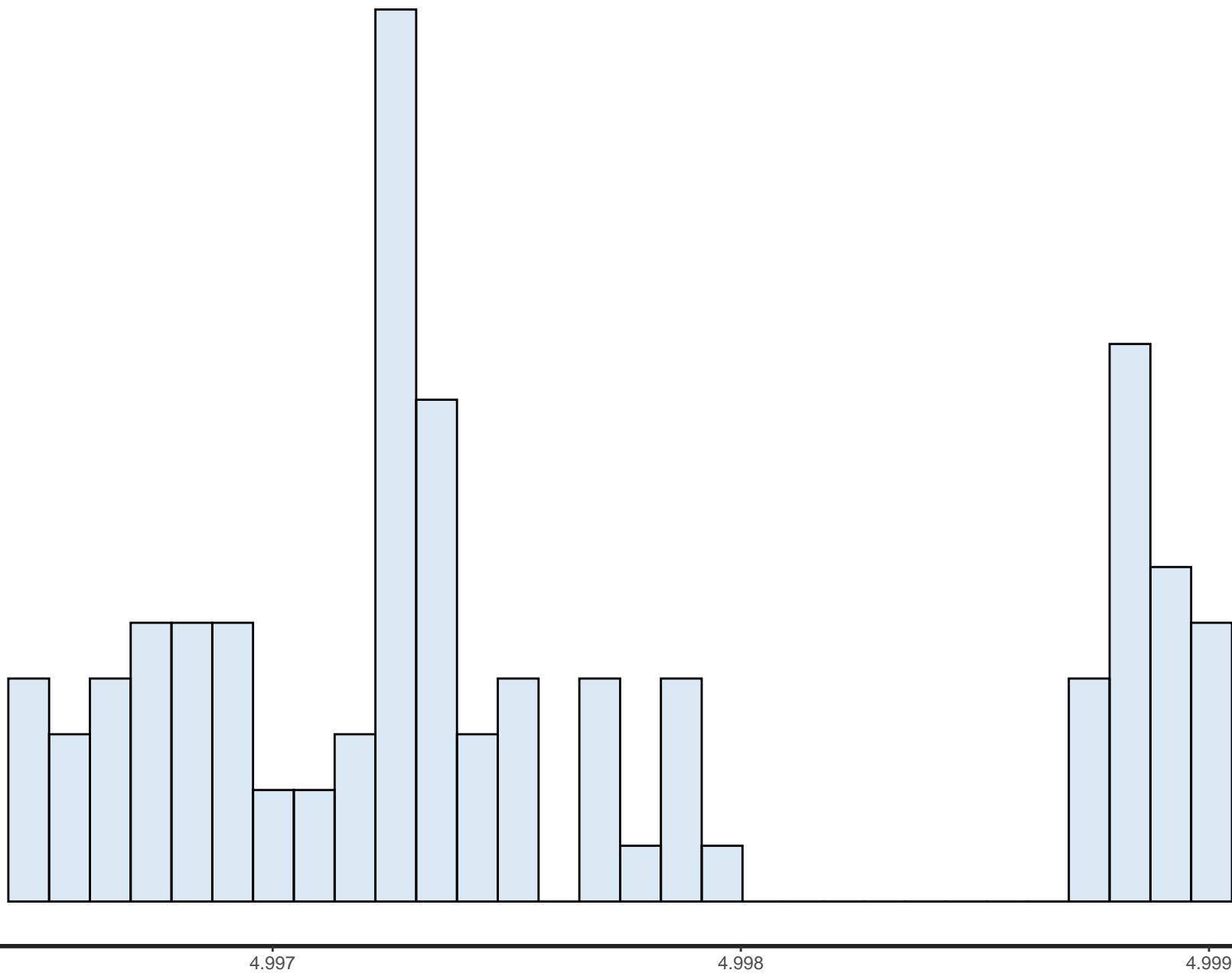
1.015

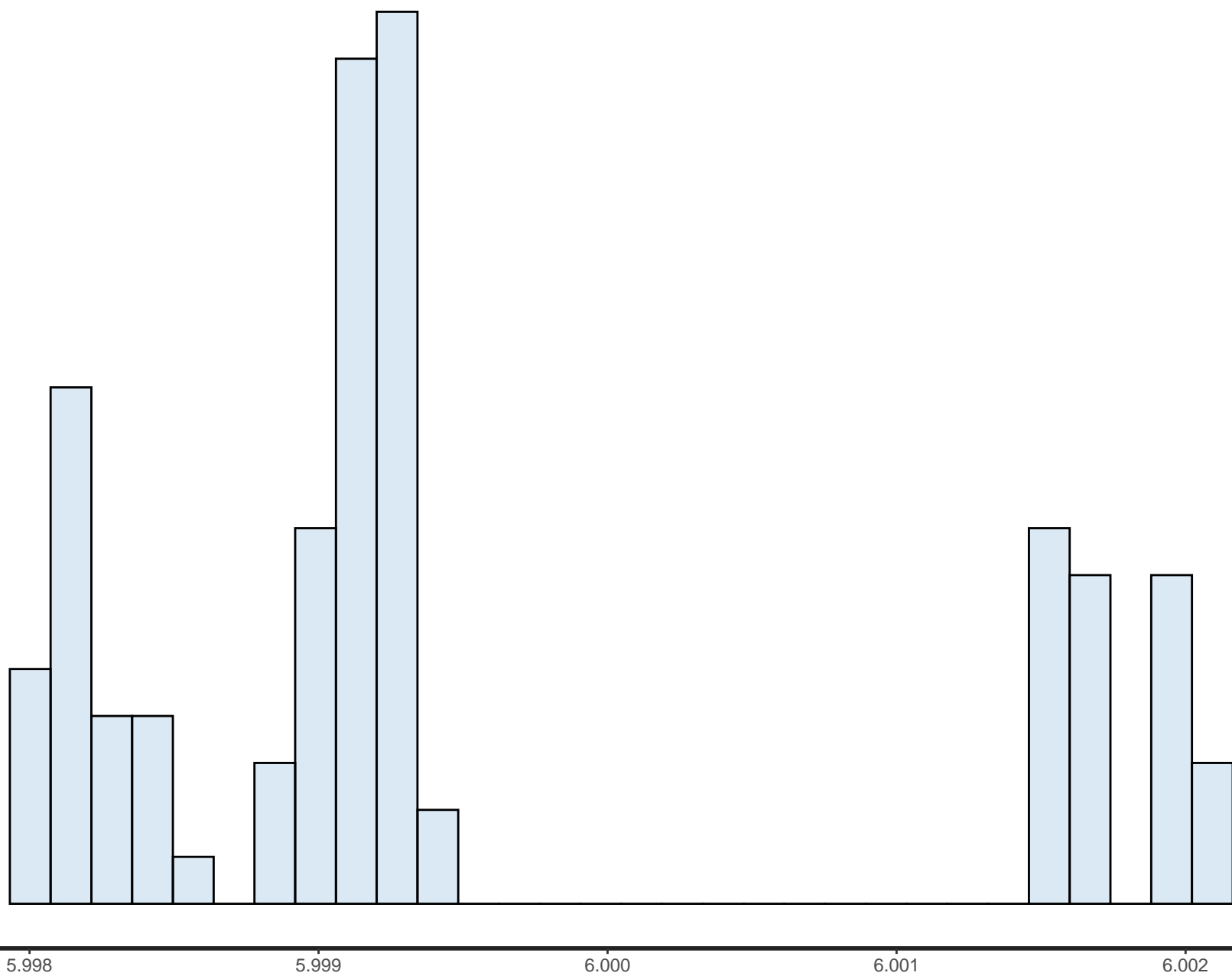
1.016

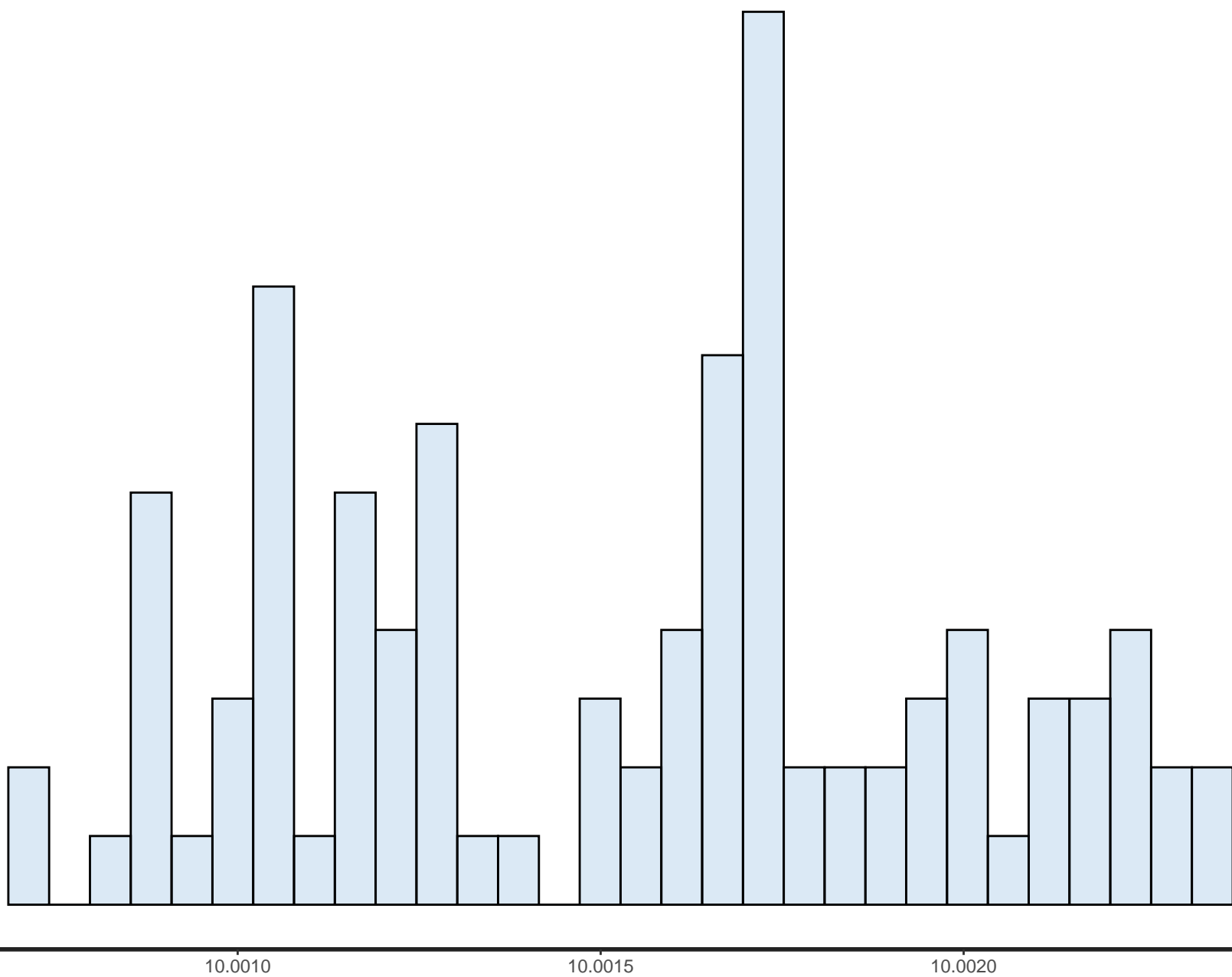
1.017

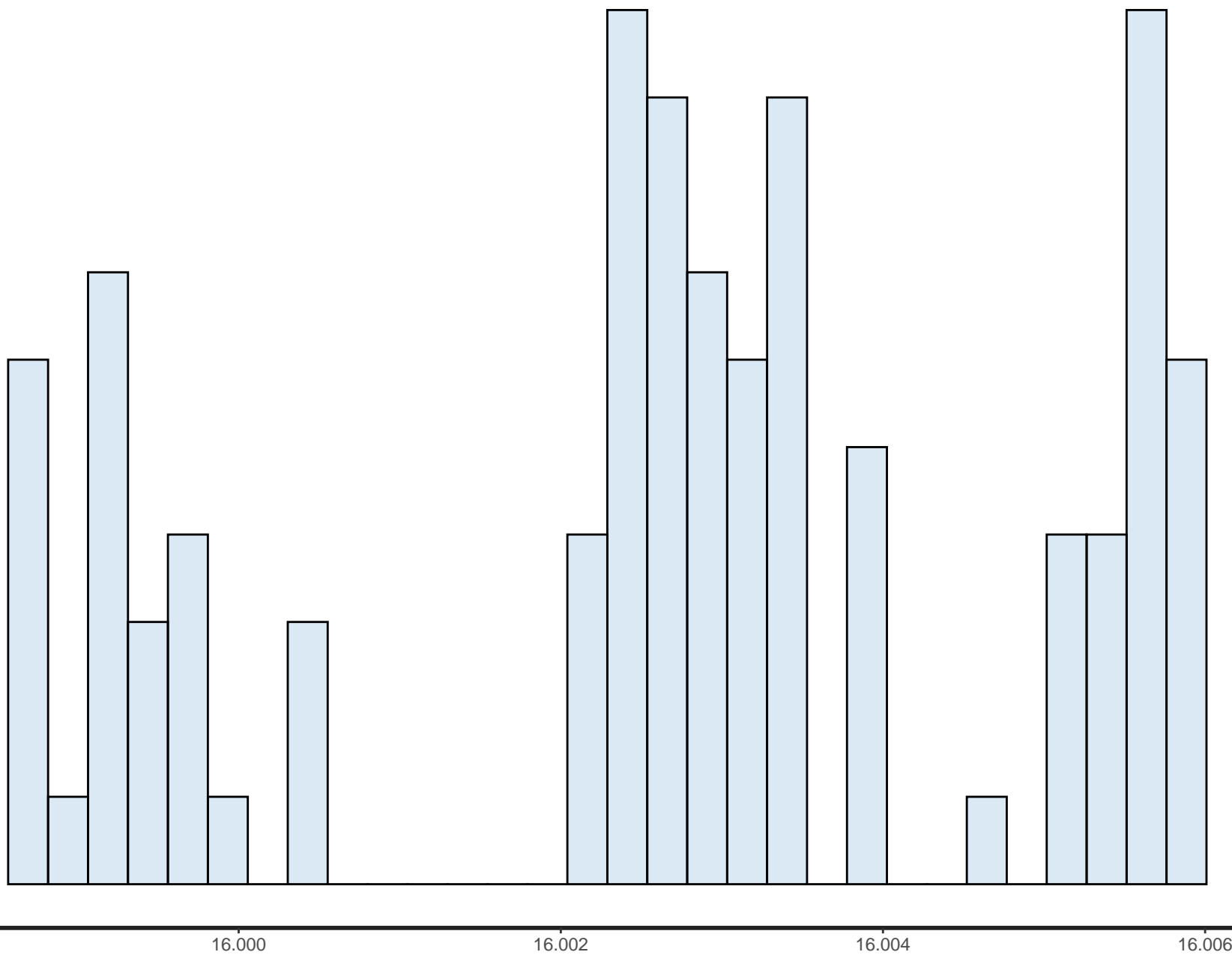
$r_0$

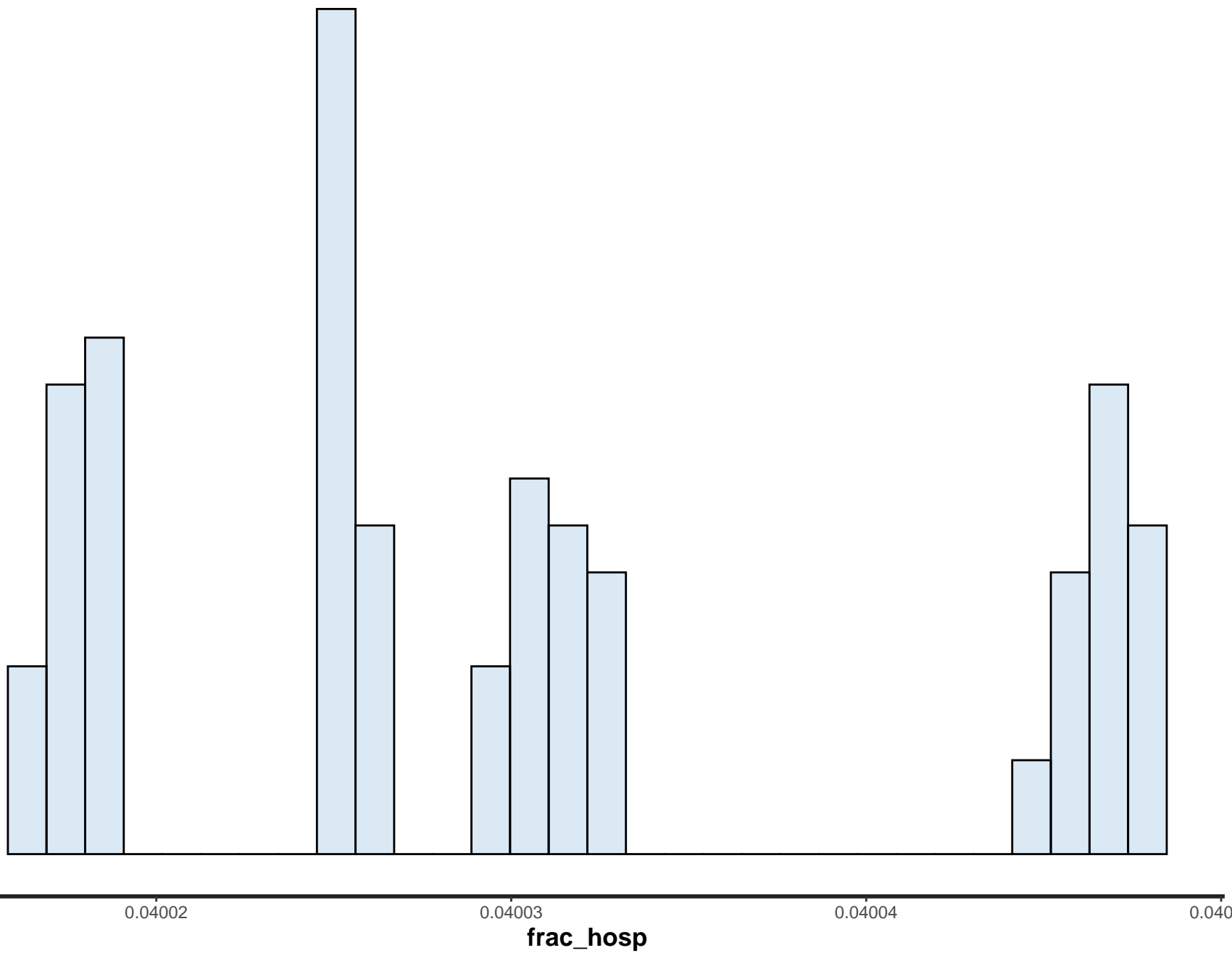


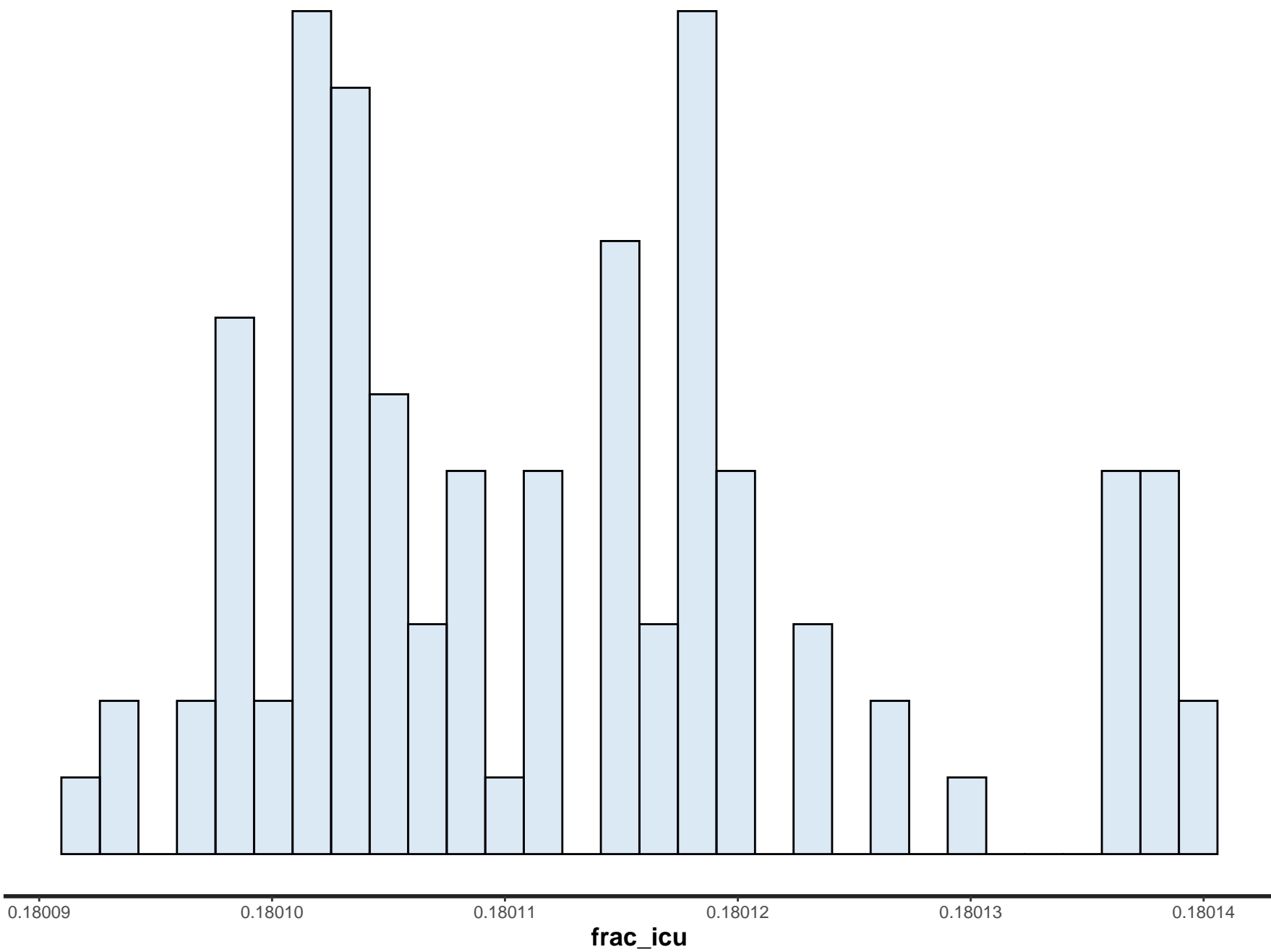




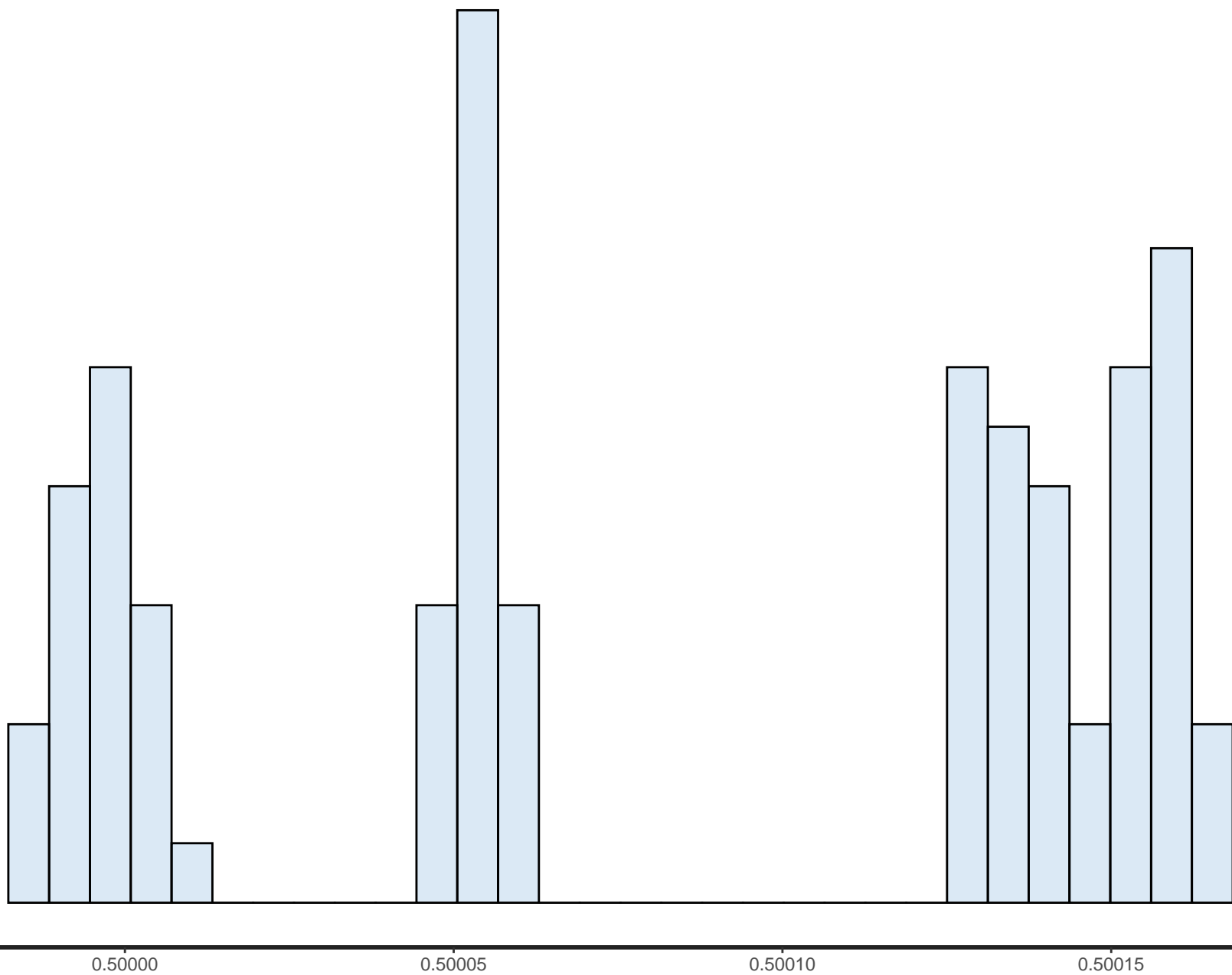


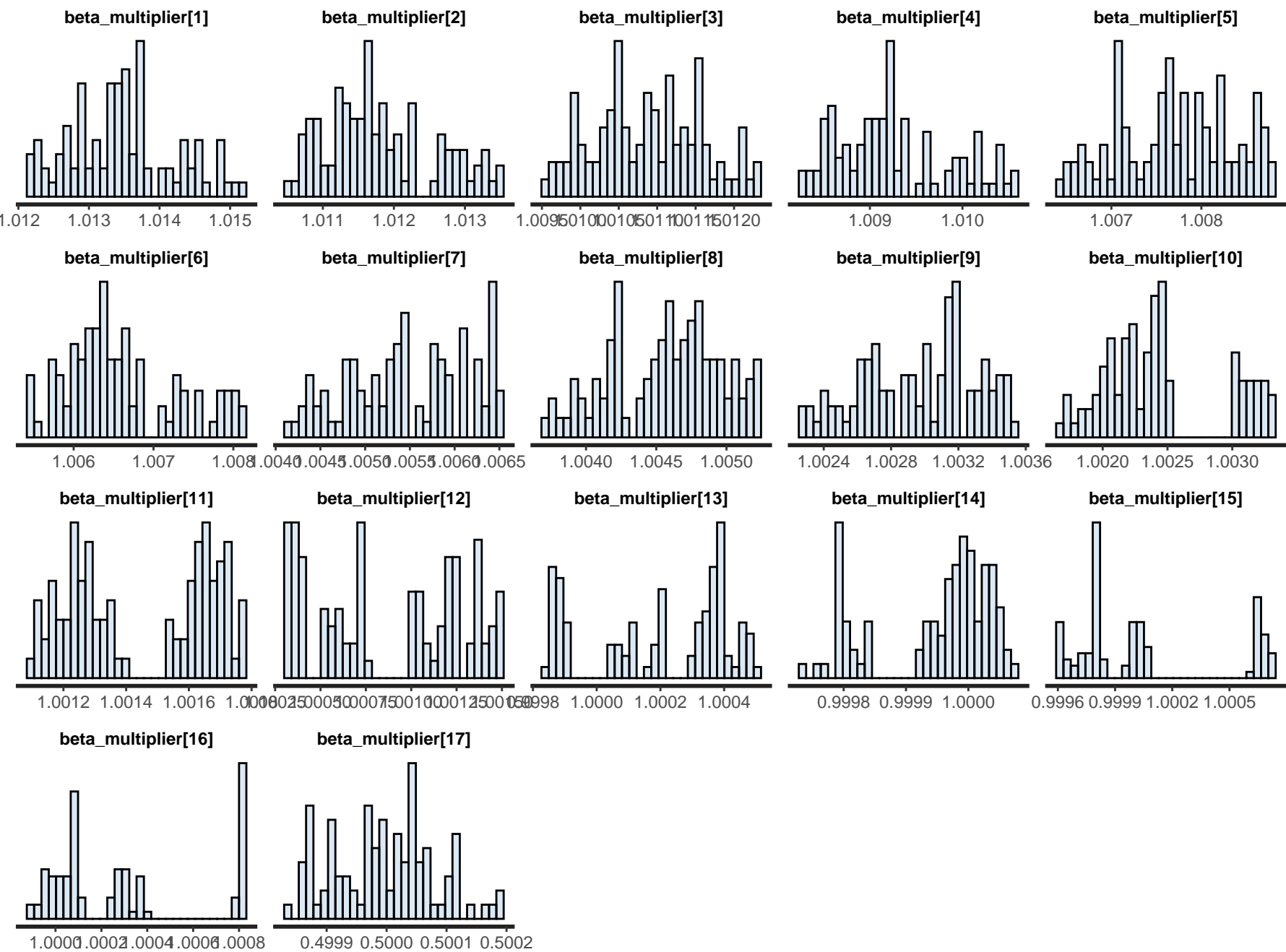


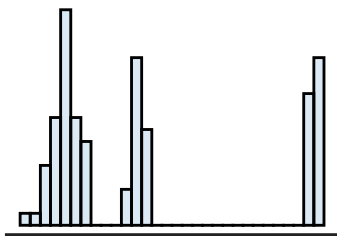




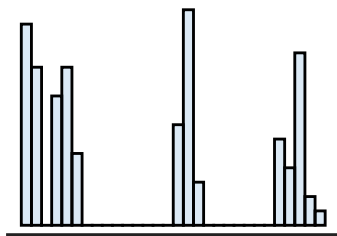




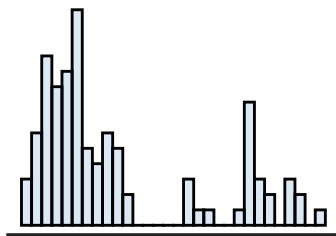


**t\_inter[1]**

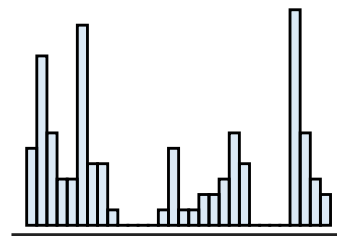
Jun 05

**t\_inter[2]**

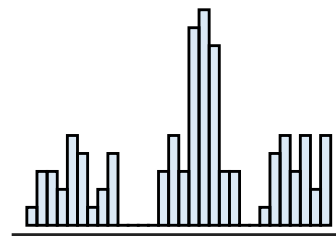
Jun 19

**t\_inter[3]**

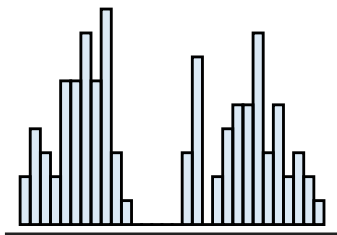
Jul 03

**t\_inter[4]**

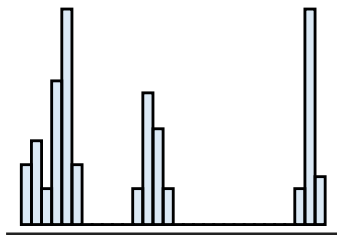
Jul 17

**t\_inter[5]**

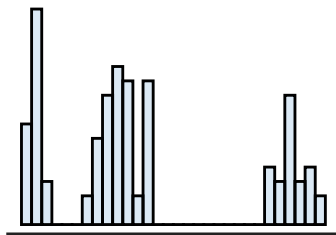
Jul 31

**t\_inter[6]**

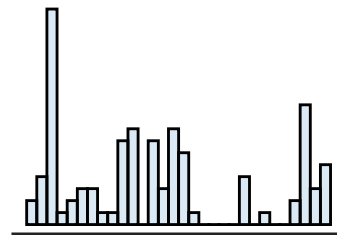
Aug 28

**t\_inter[7]**

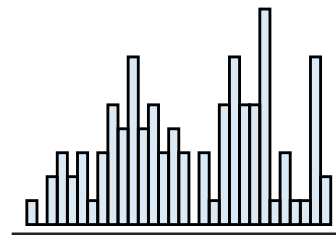
Sep 11

**t\_inter[8]**

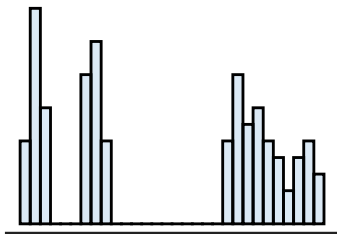
Sep 25

**t\_inter[9]**

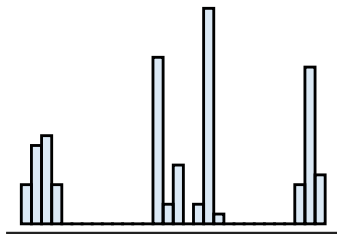
Oct 09

**t\_inter[10]**

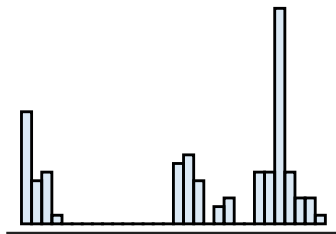
Oct 23

**t\_inter[11]**

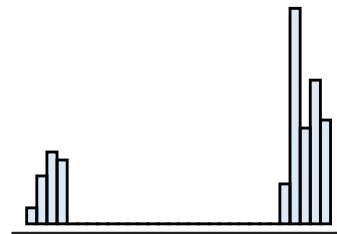
Nov 06

**t\_inter[12]**

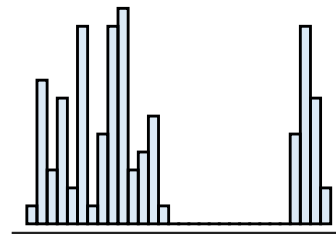
Nov 20

**t\_inter[13]**

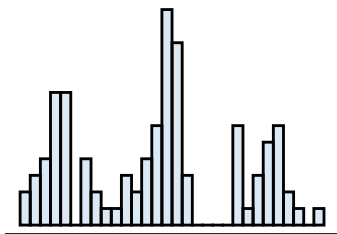
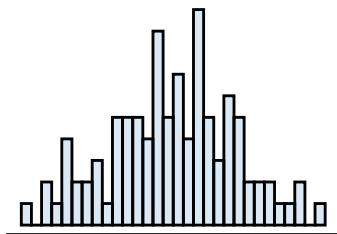
Dec 04

**t\_inter[14]**

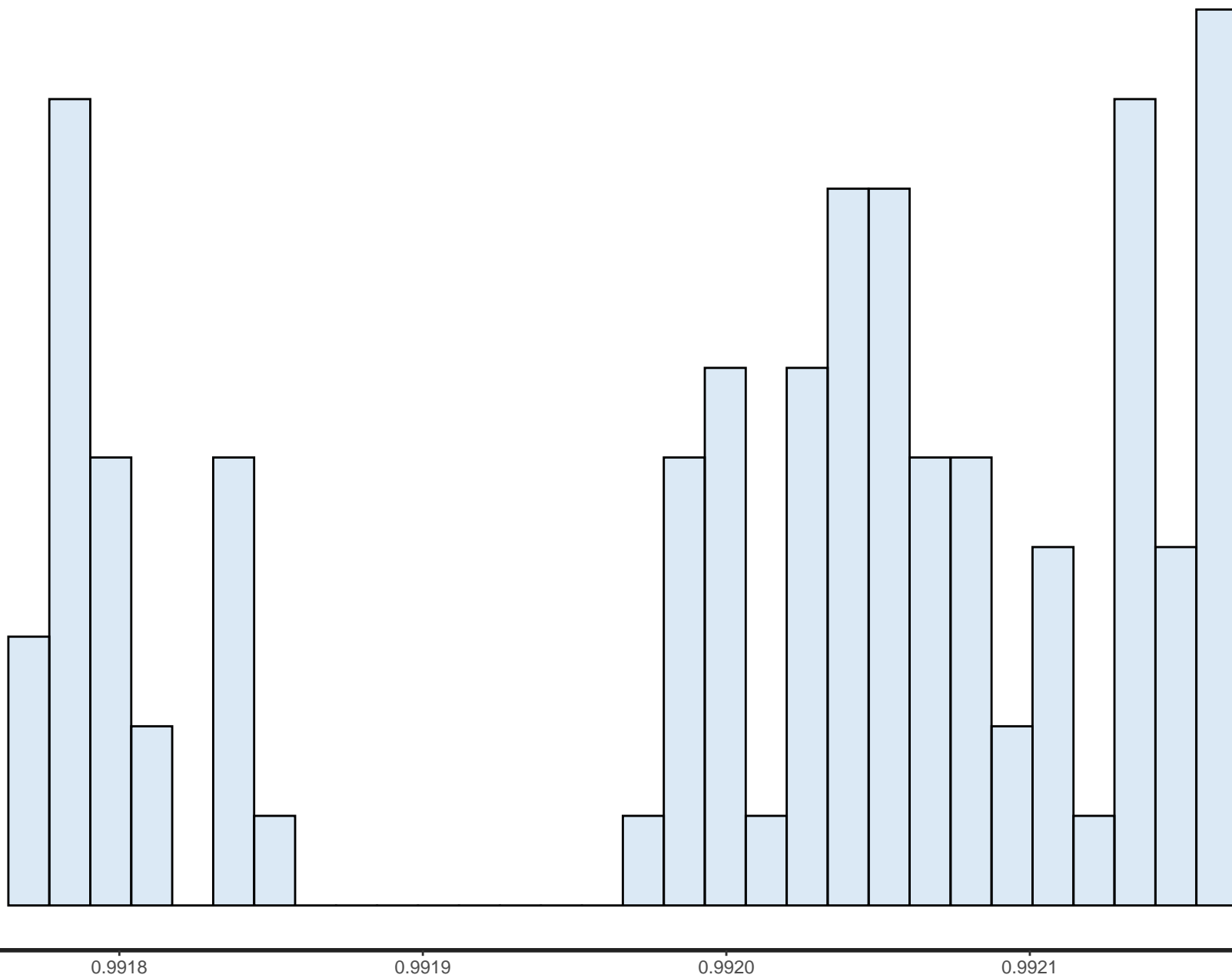
Dec 18

**t\_inter[15]**

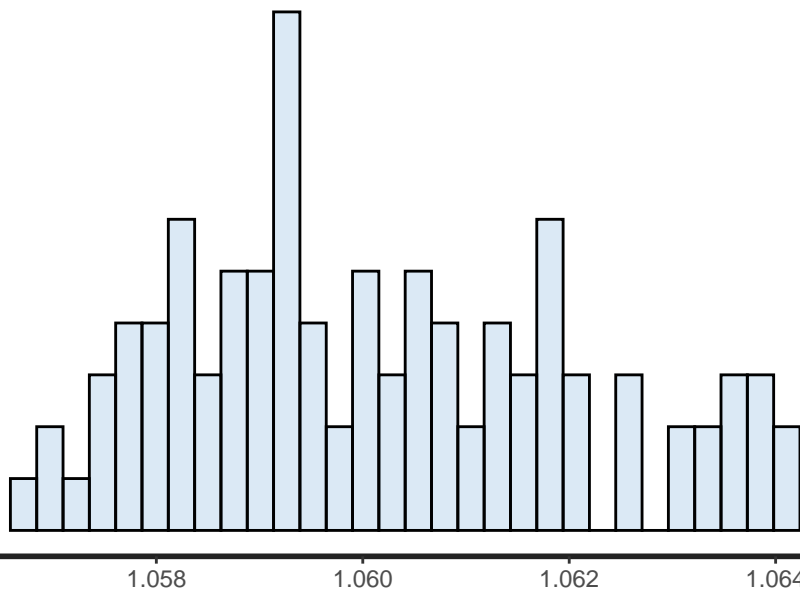
Jan 18

**t\_inter[16]****t\_inter[17]**

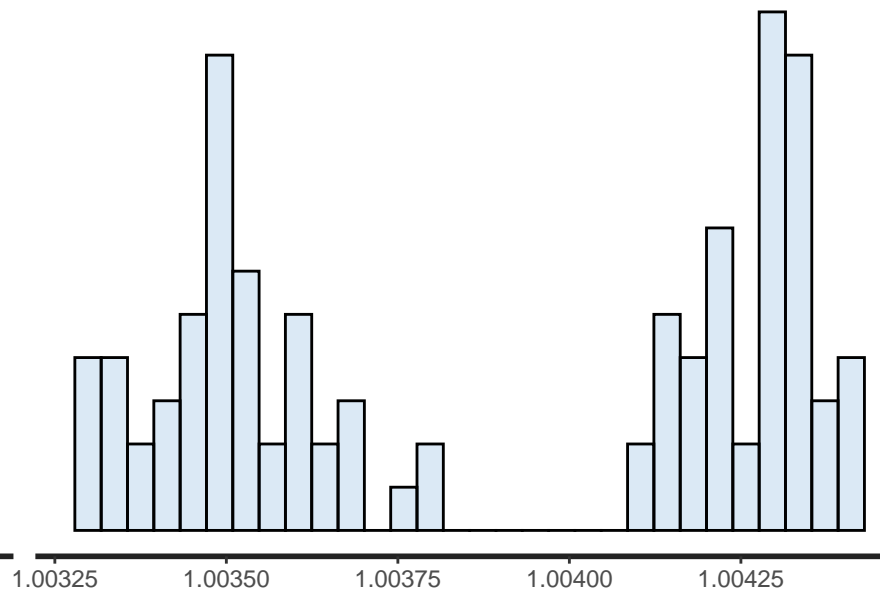
Feb 15



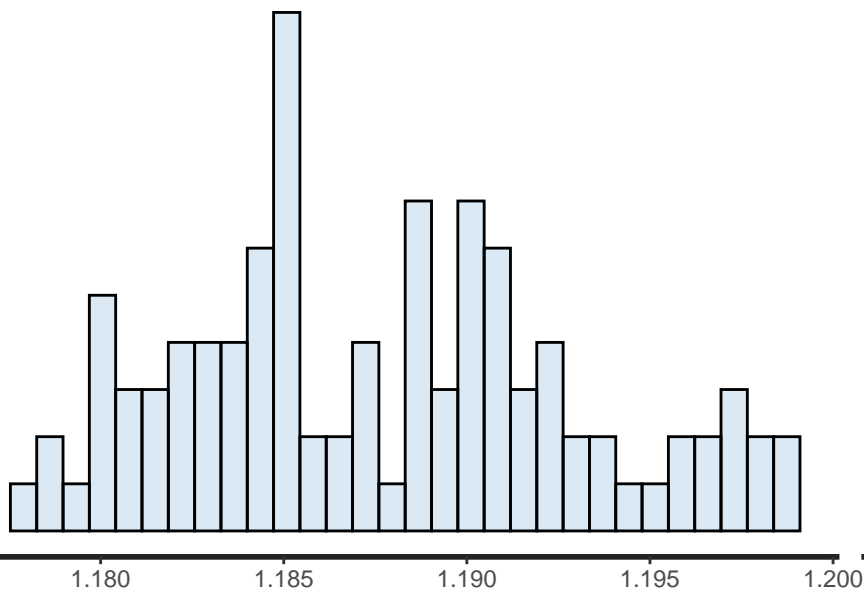
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

