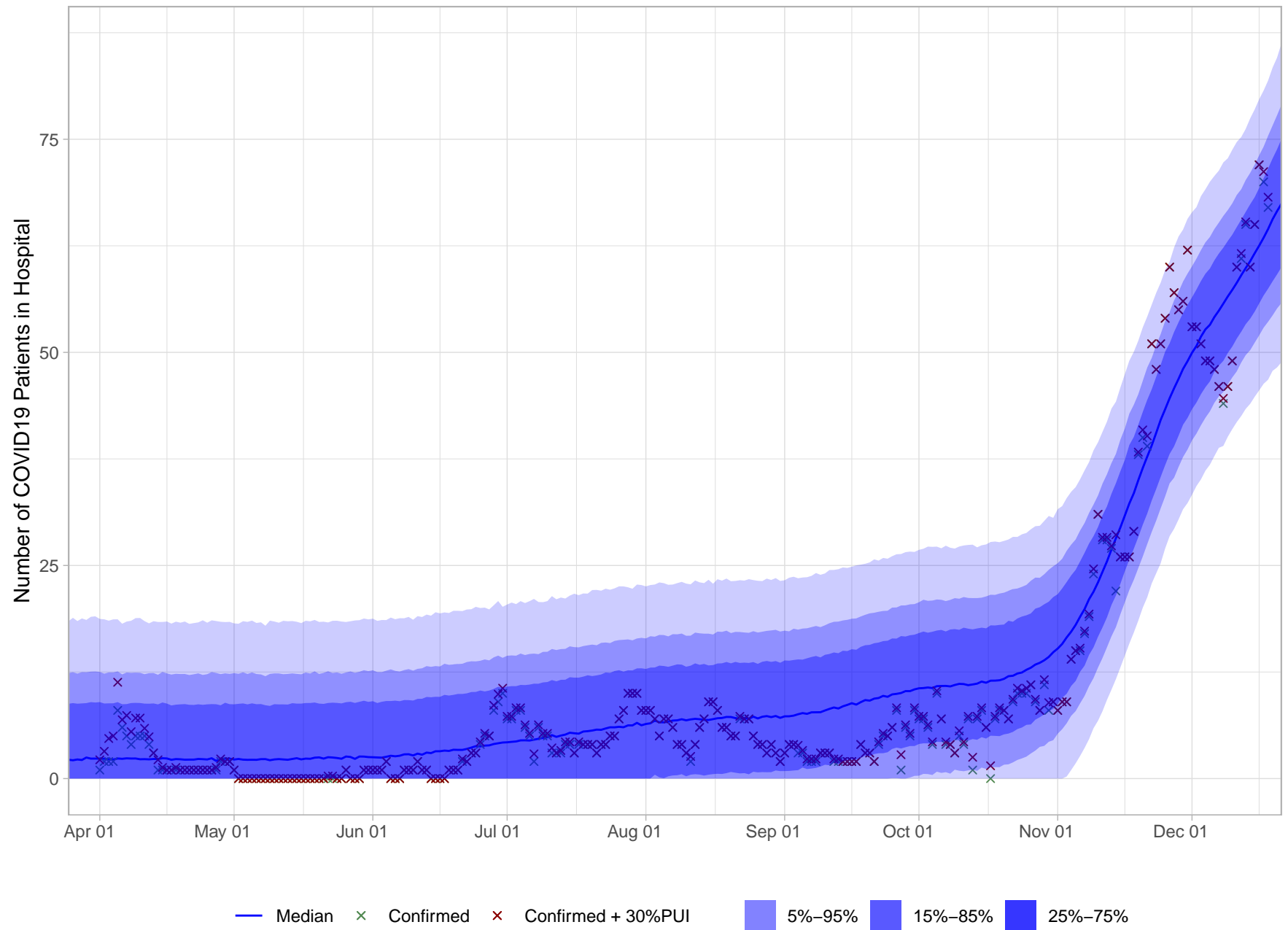
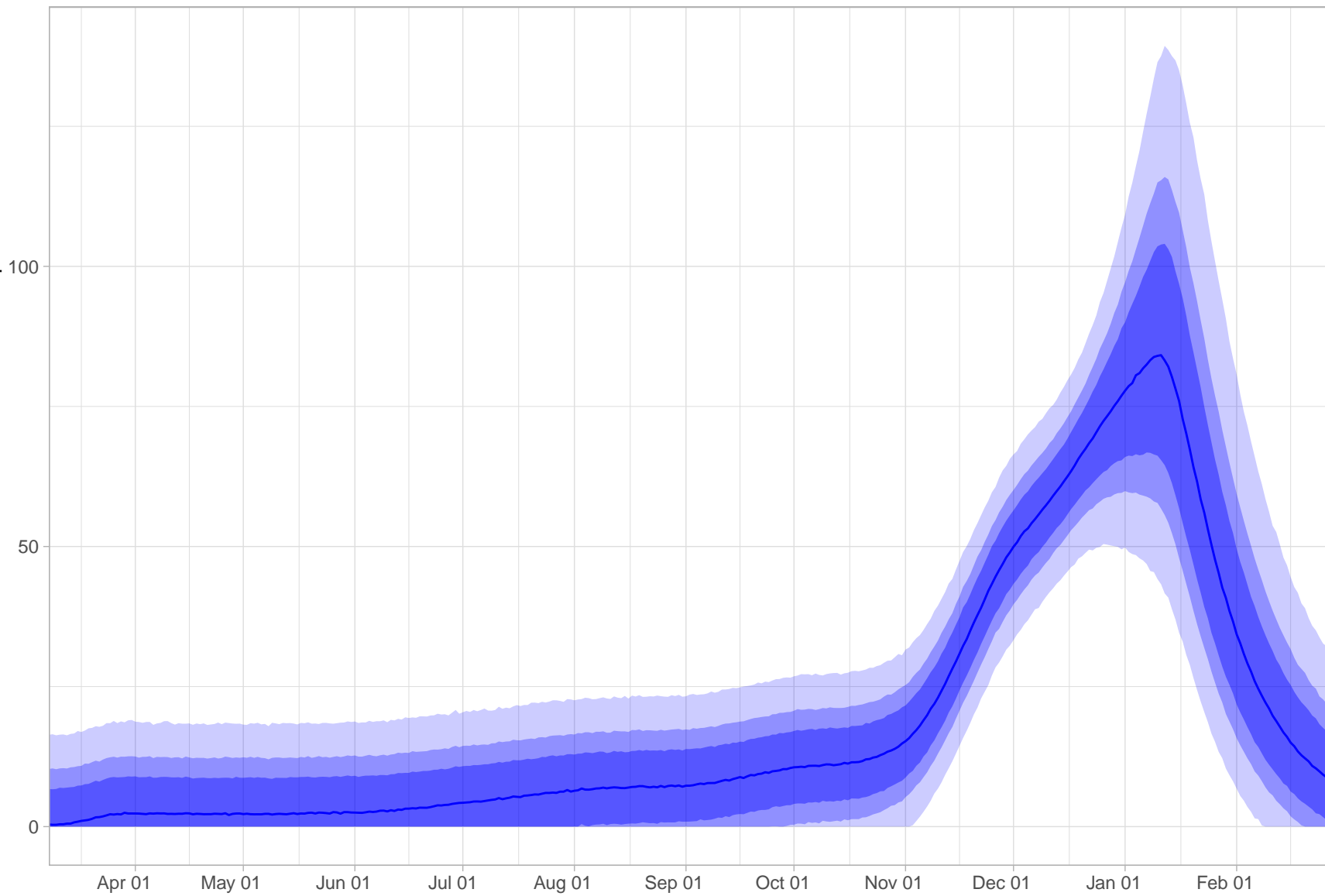


# Short Term Hospitalization Projection



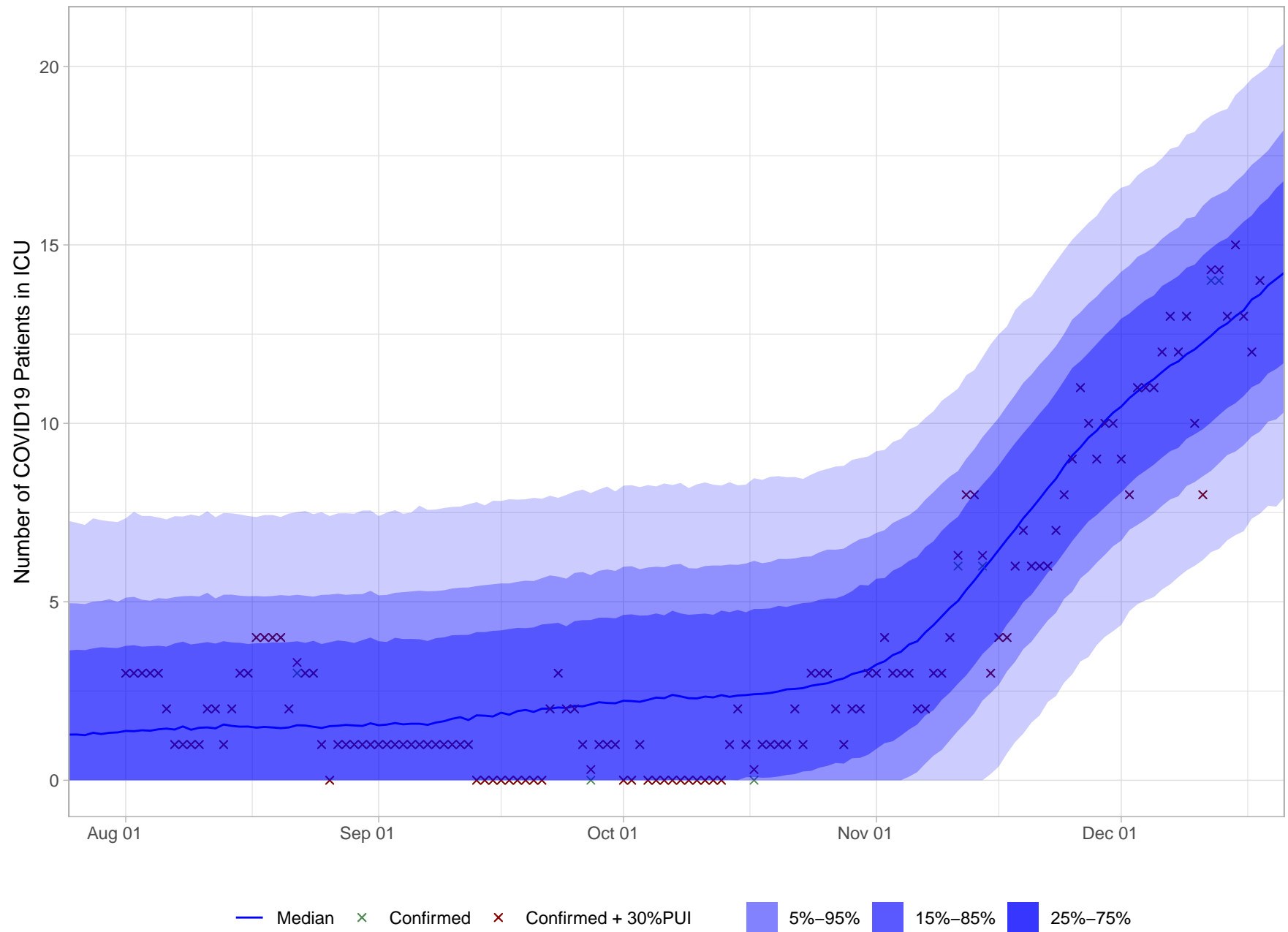
# Long Term Hospitalization Projection

Number of COVID19 Patients in Hospital

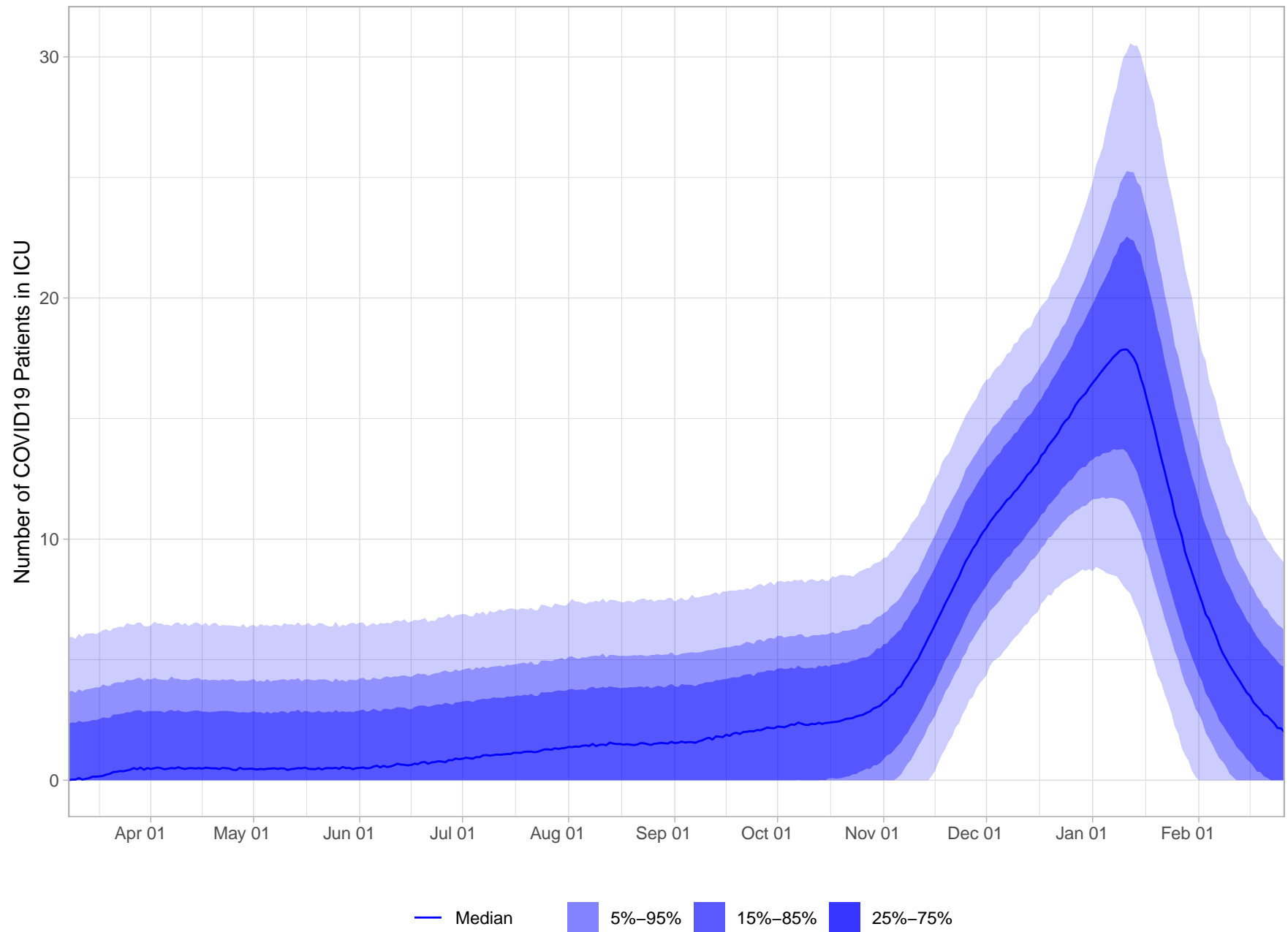


— Median    5%–95%    15%–85%    25%–75%

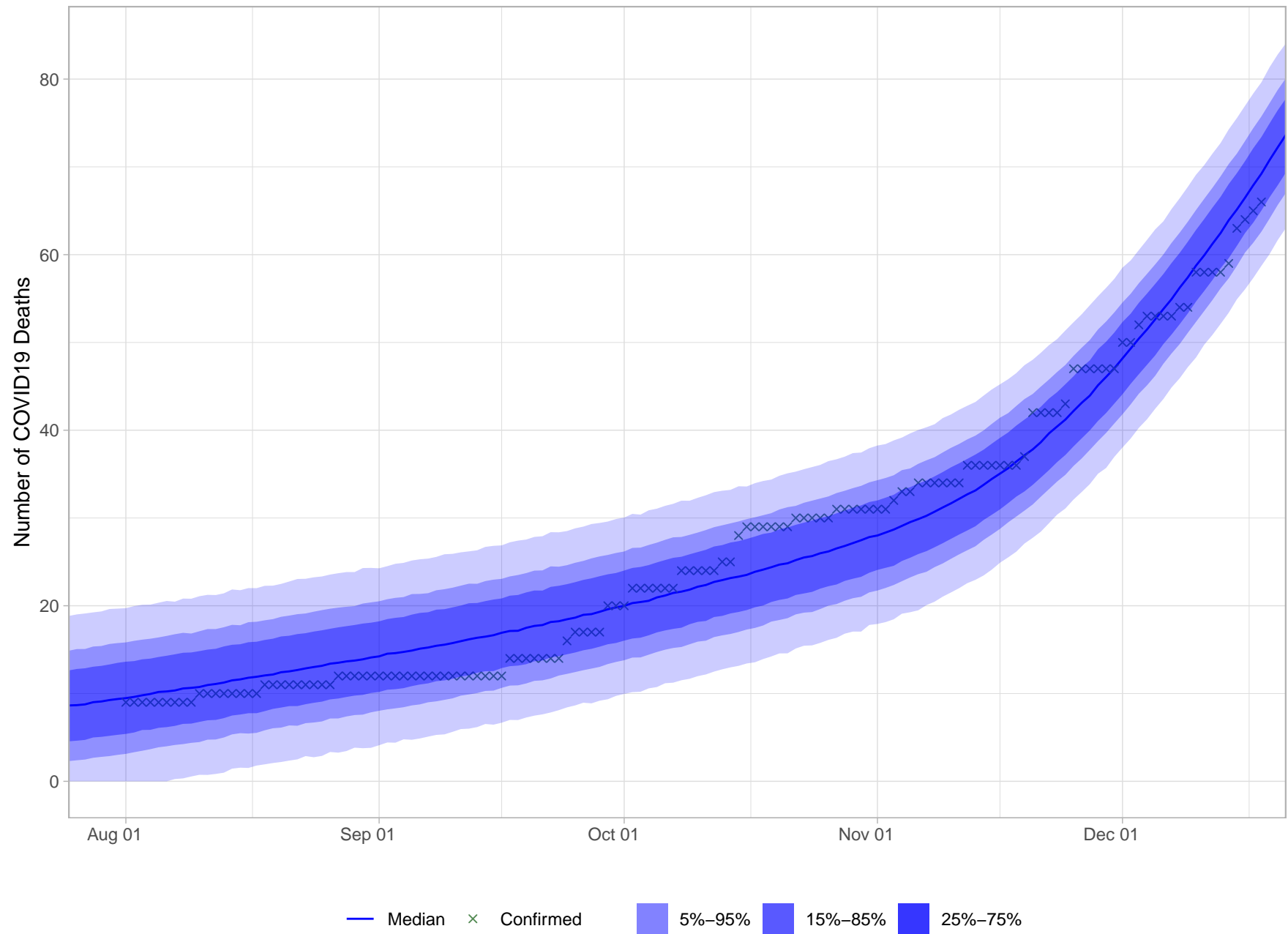
# Short Term ICU Projection



# Long Term ICU Projection

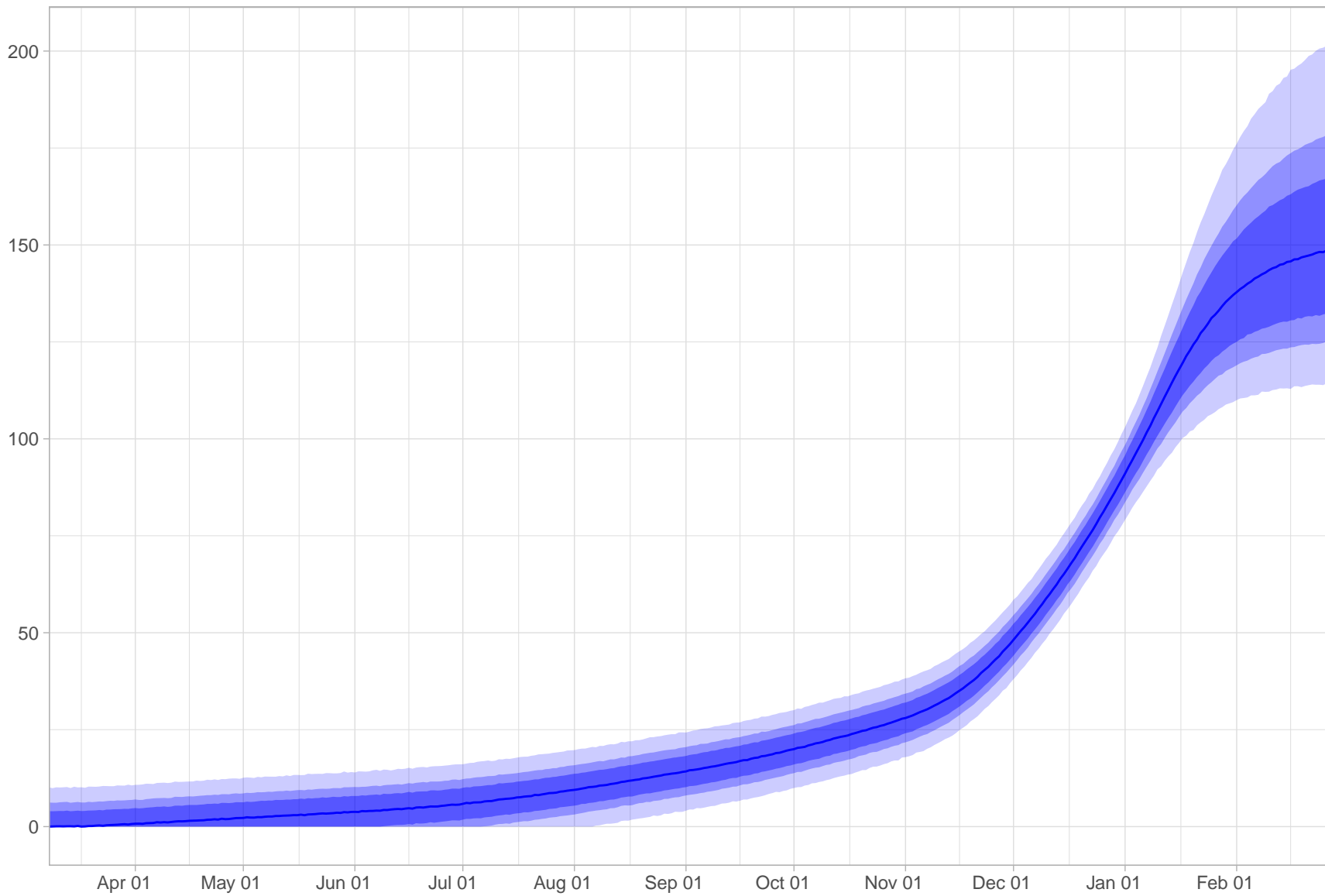


# Short Term Death Projection



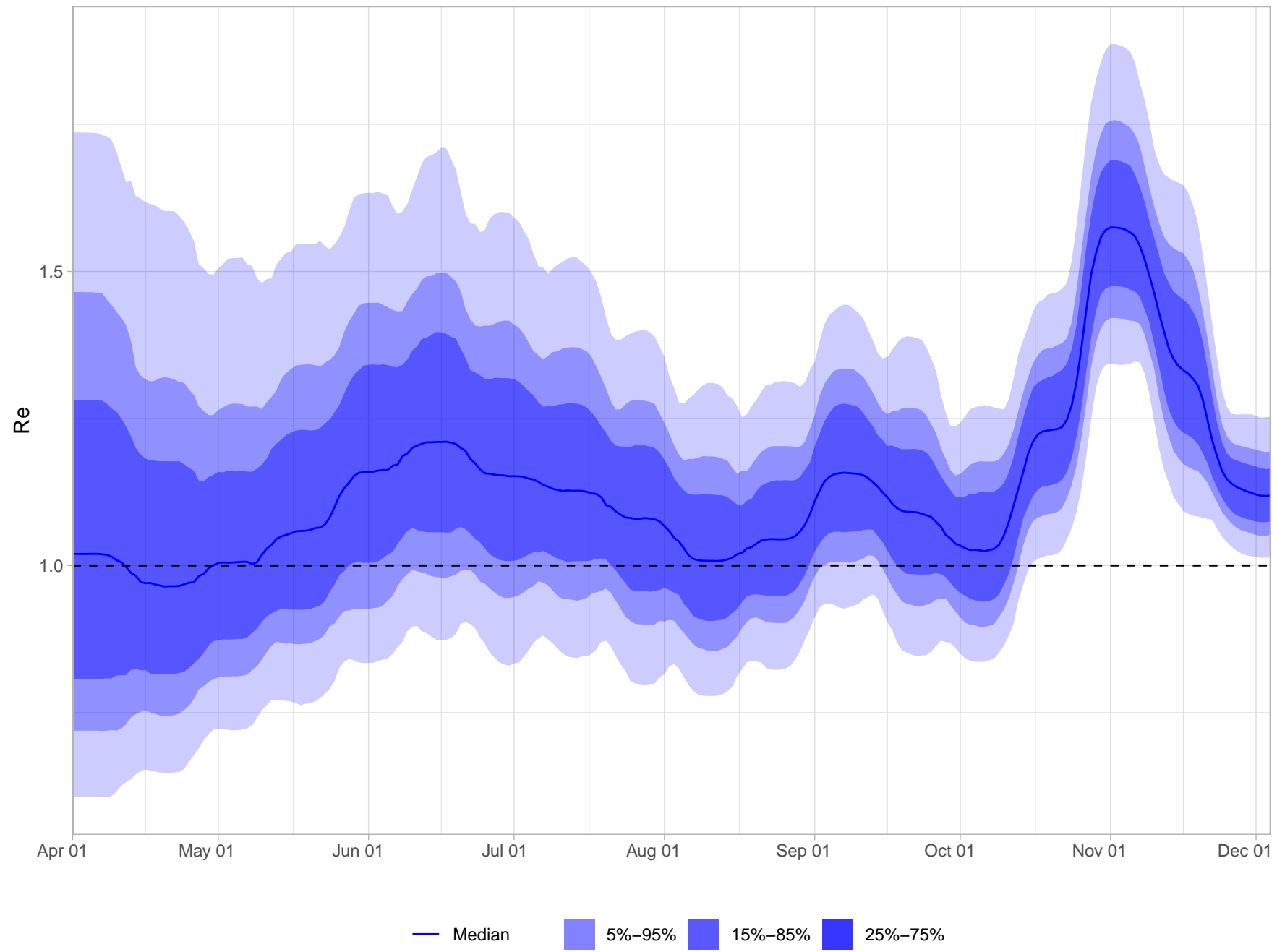
# Long Term Death Projection

Number of COVID19 Deaths



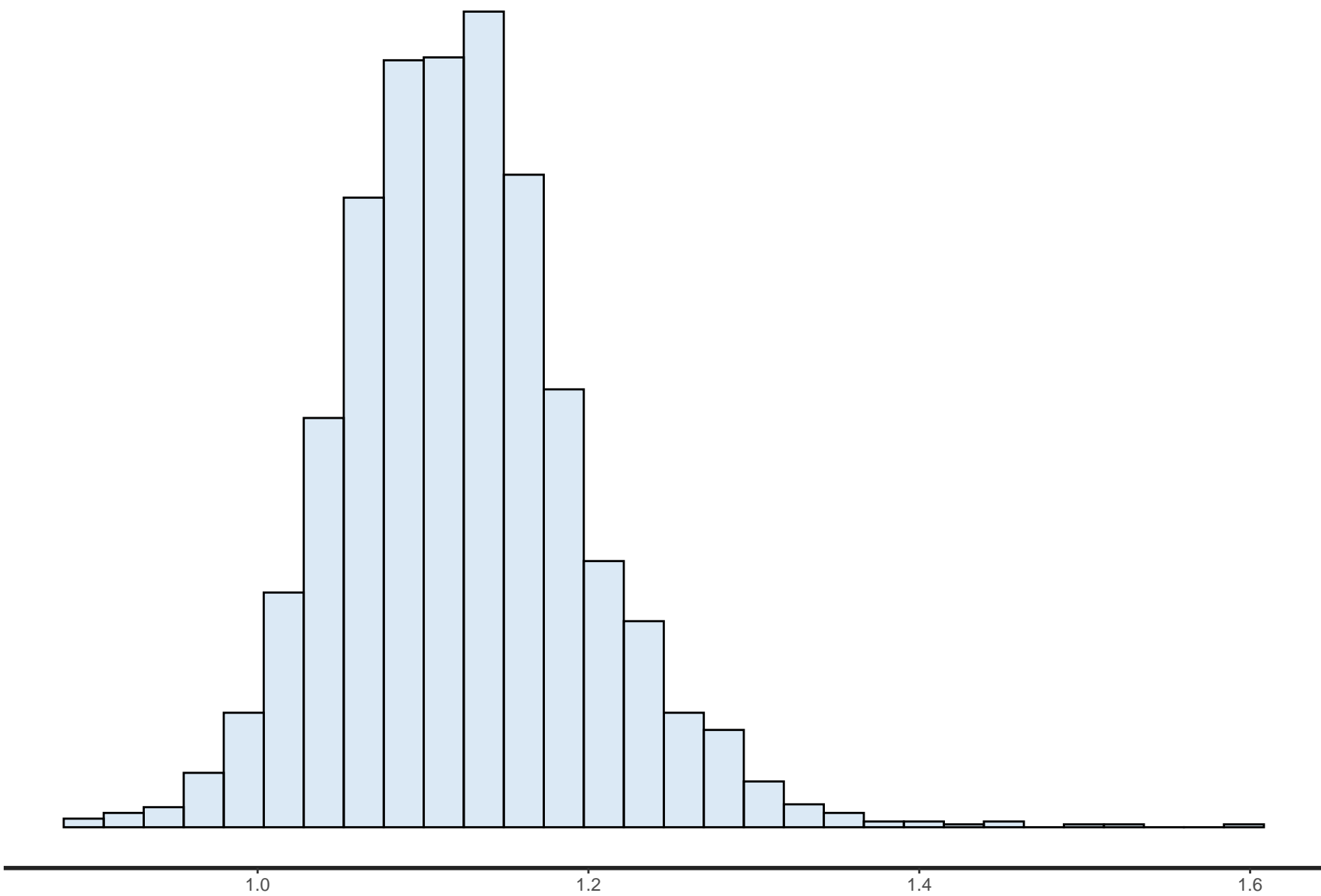
— Median    5%–95%    15%–85%    25%–75%

Effective Reproduction Number

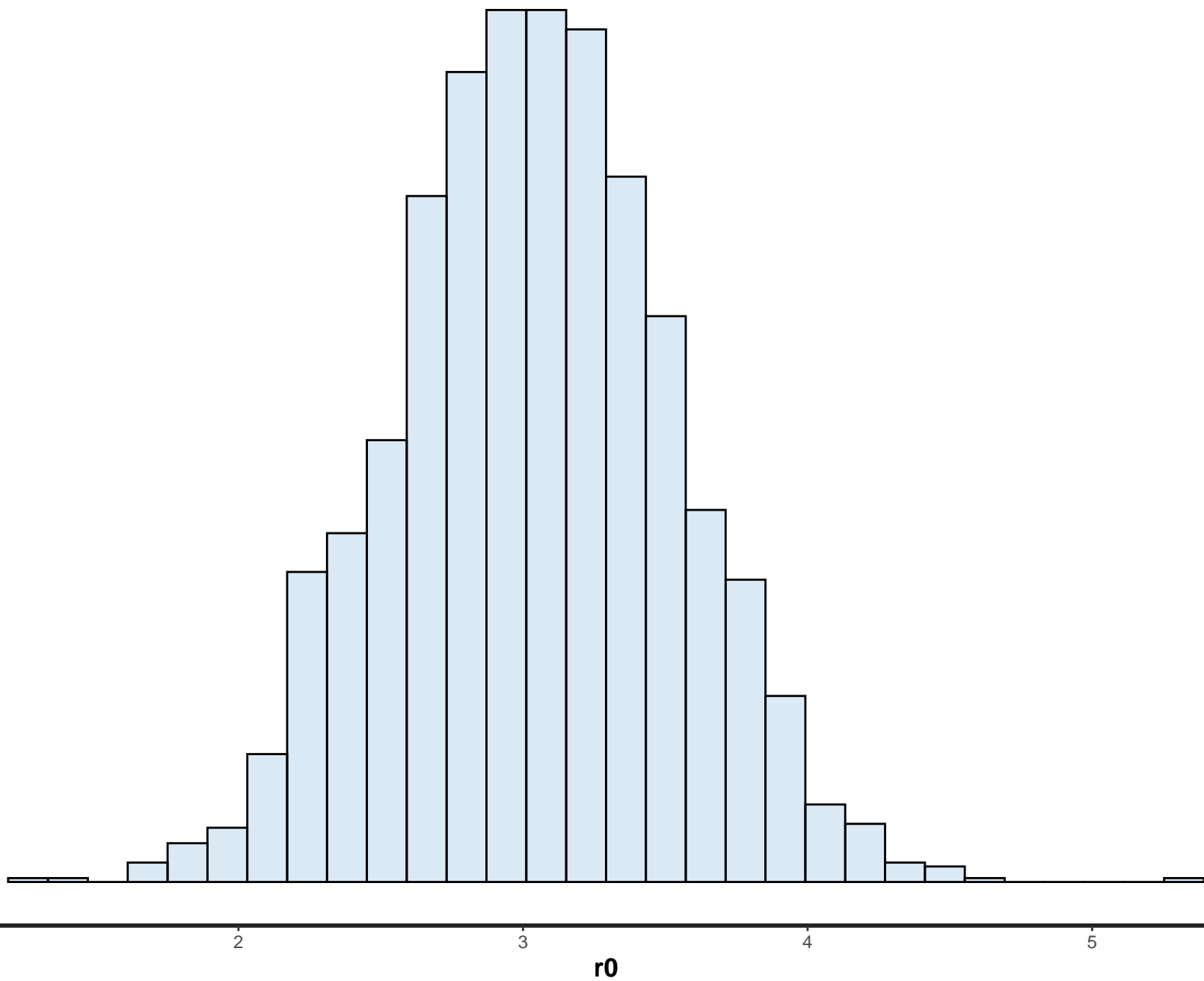


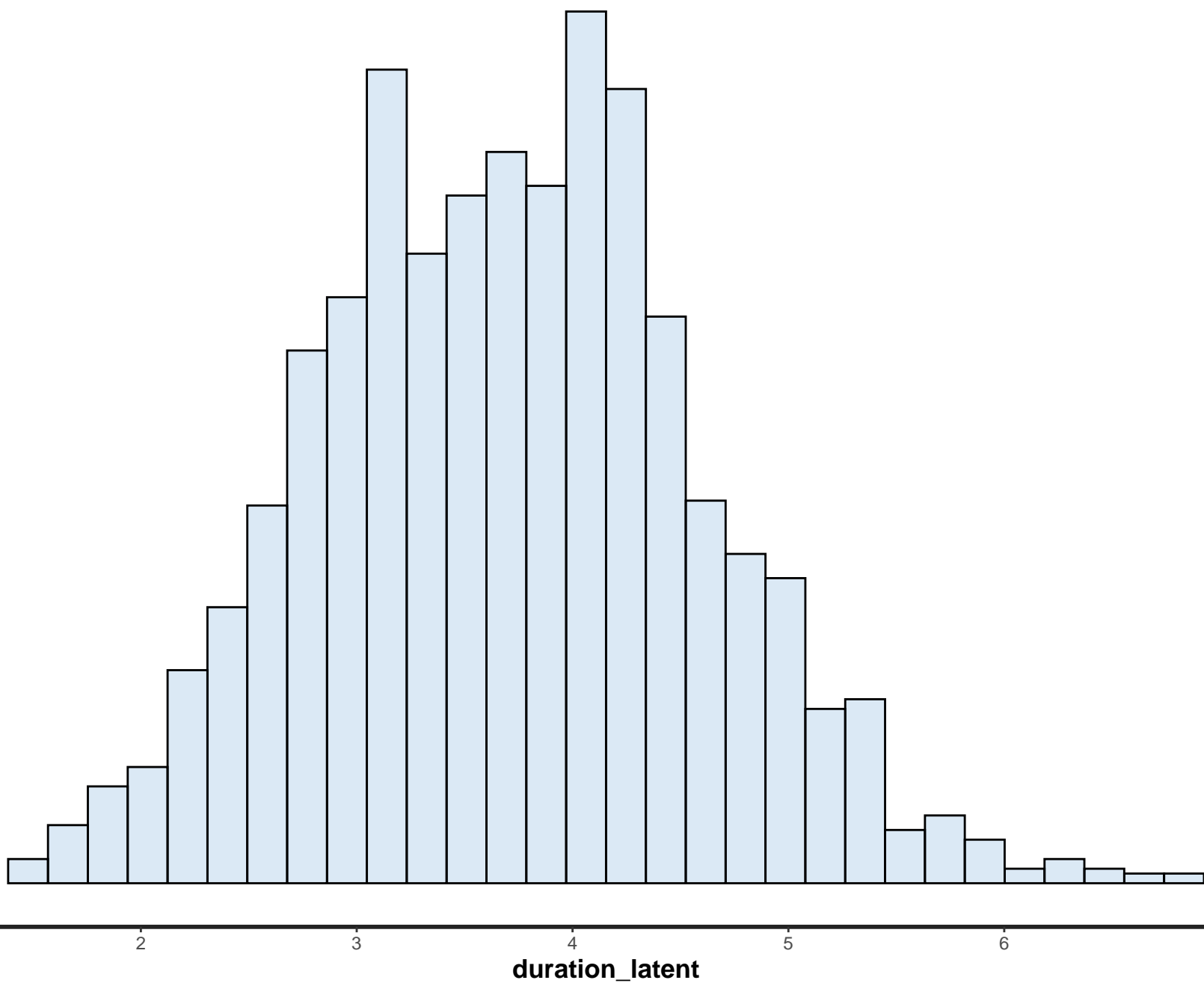
# Rt as of 2020-12-04

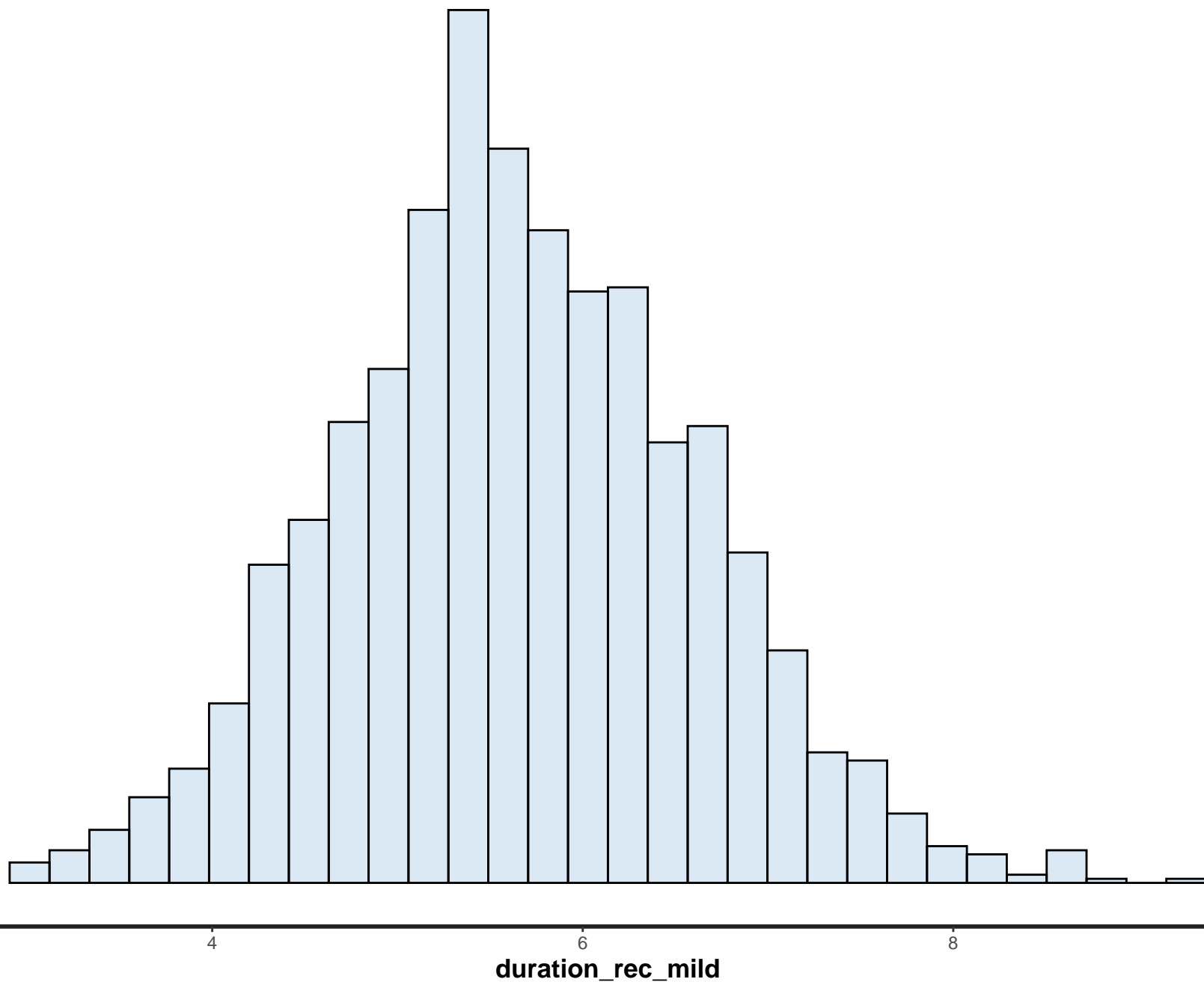
5% 10% 25% 50% 75% 90% 95%  
1.01 1.04 1.07 1.12 1.16 1.22 1.25

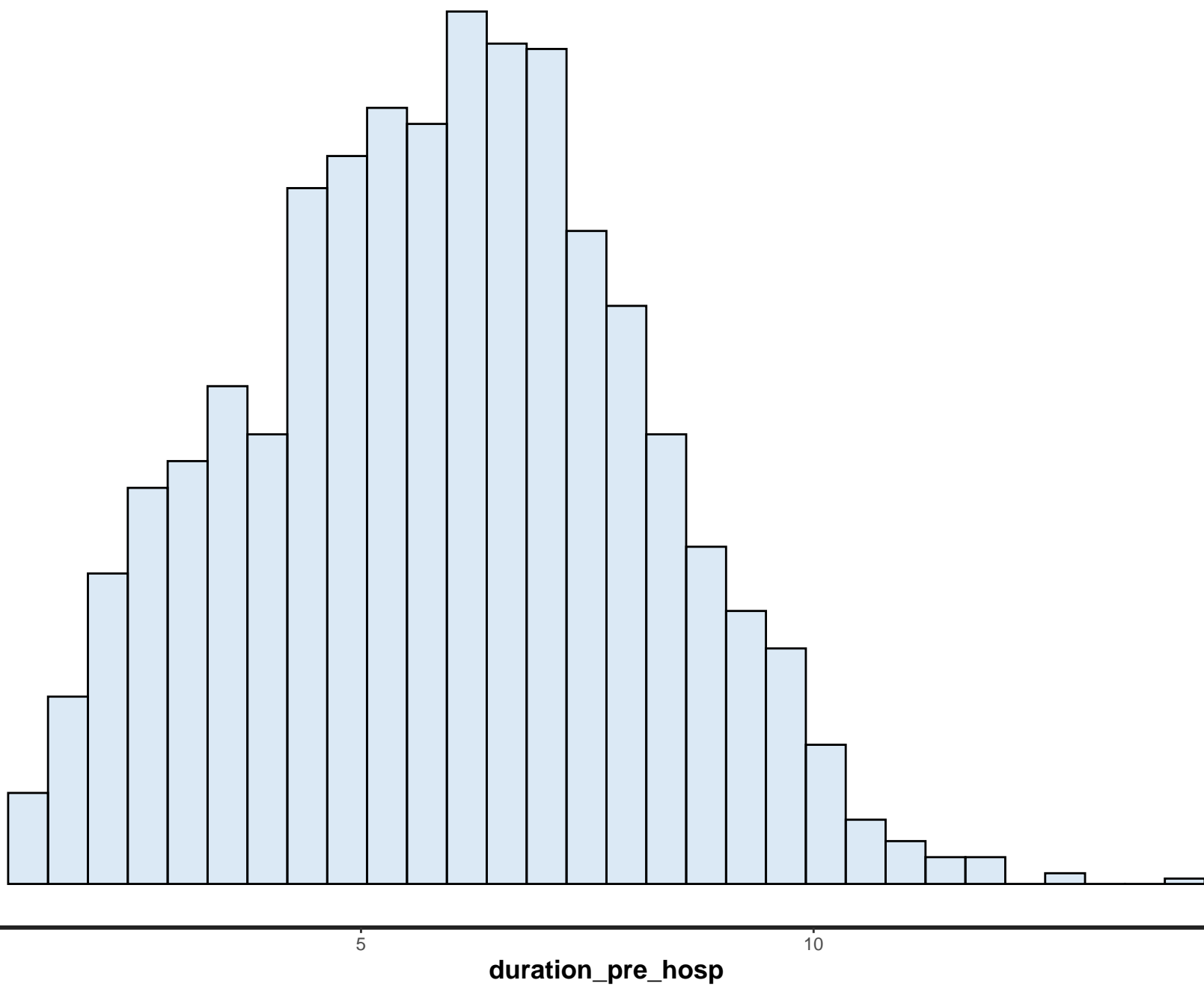


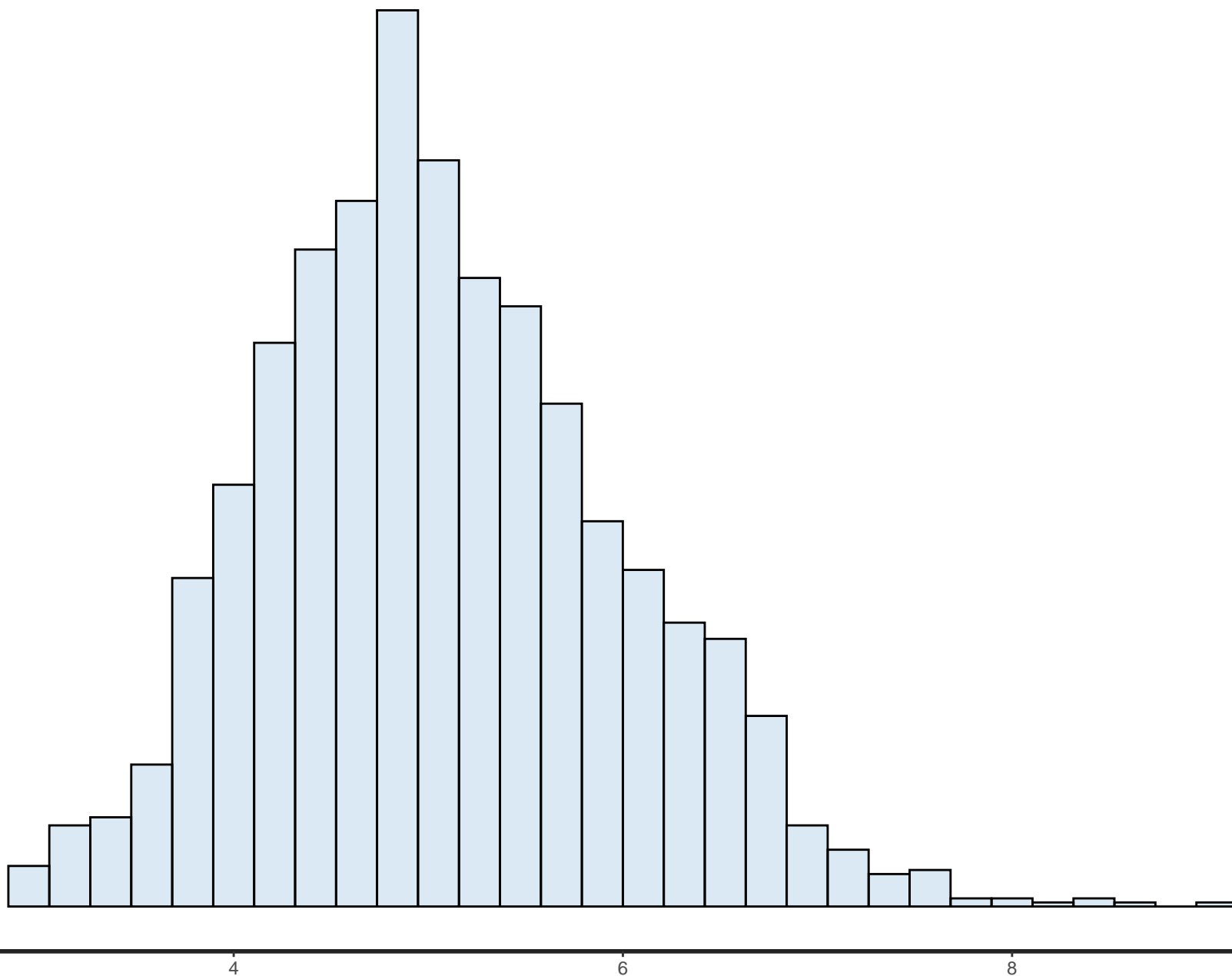


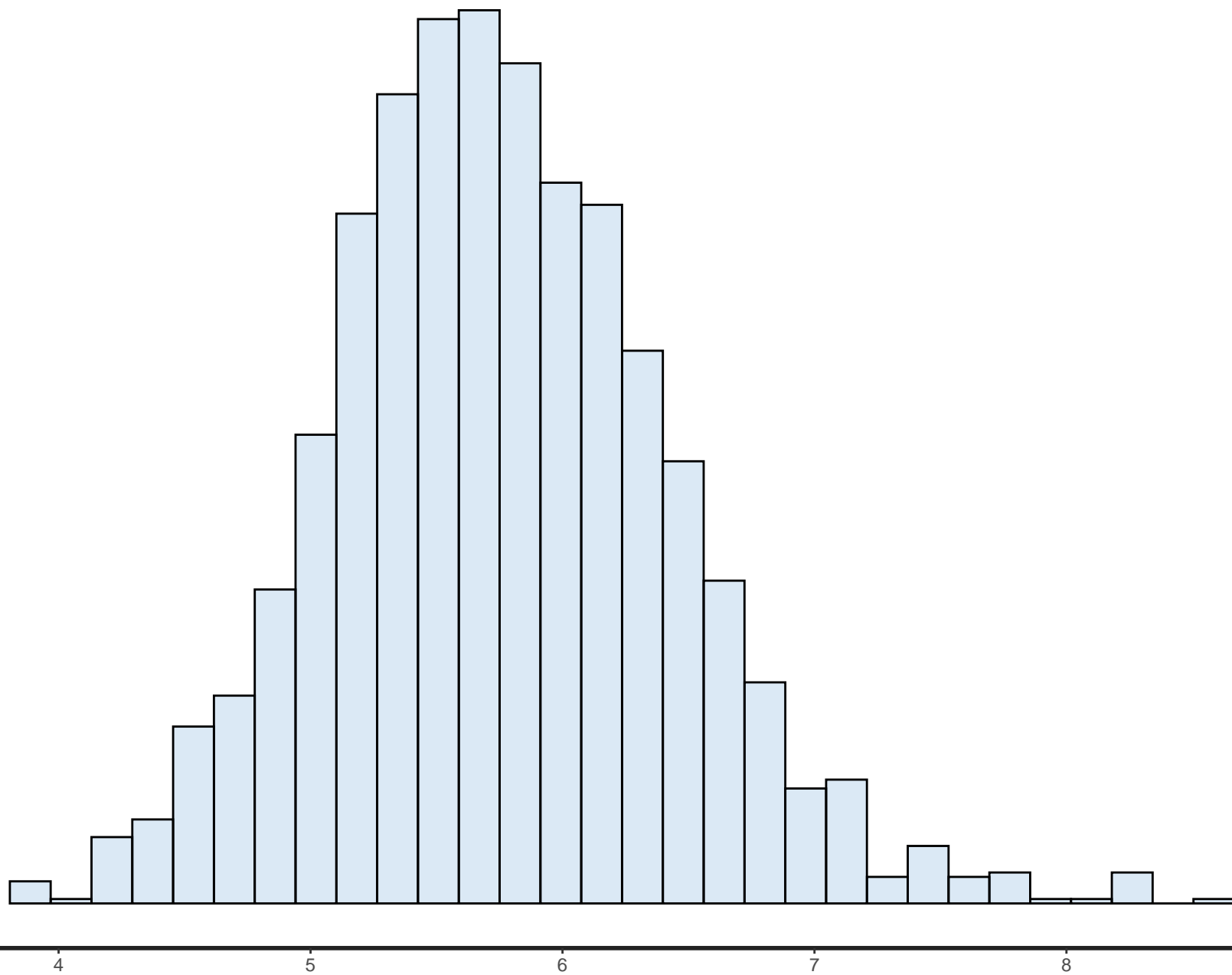


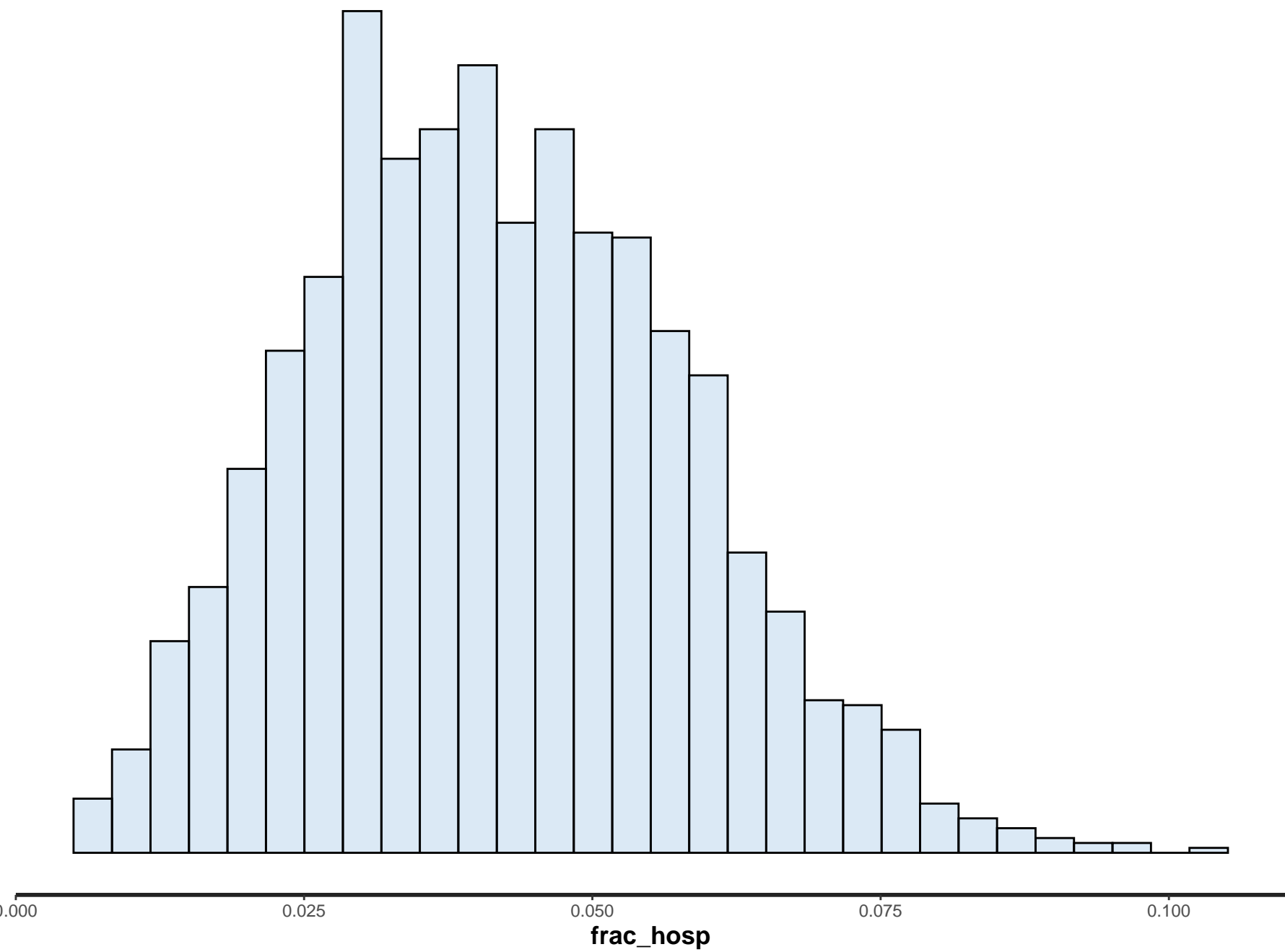


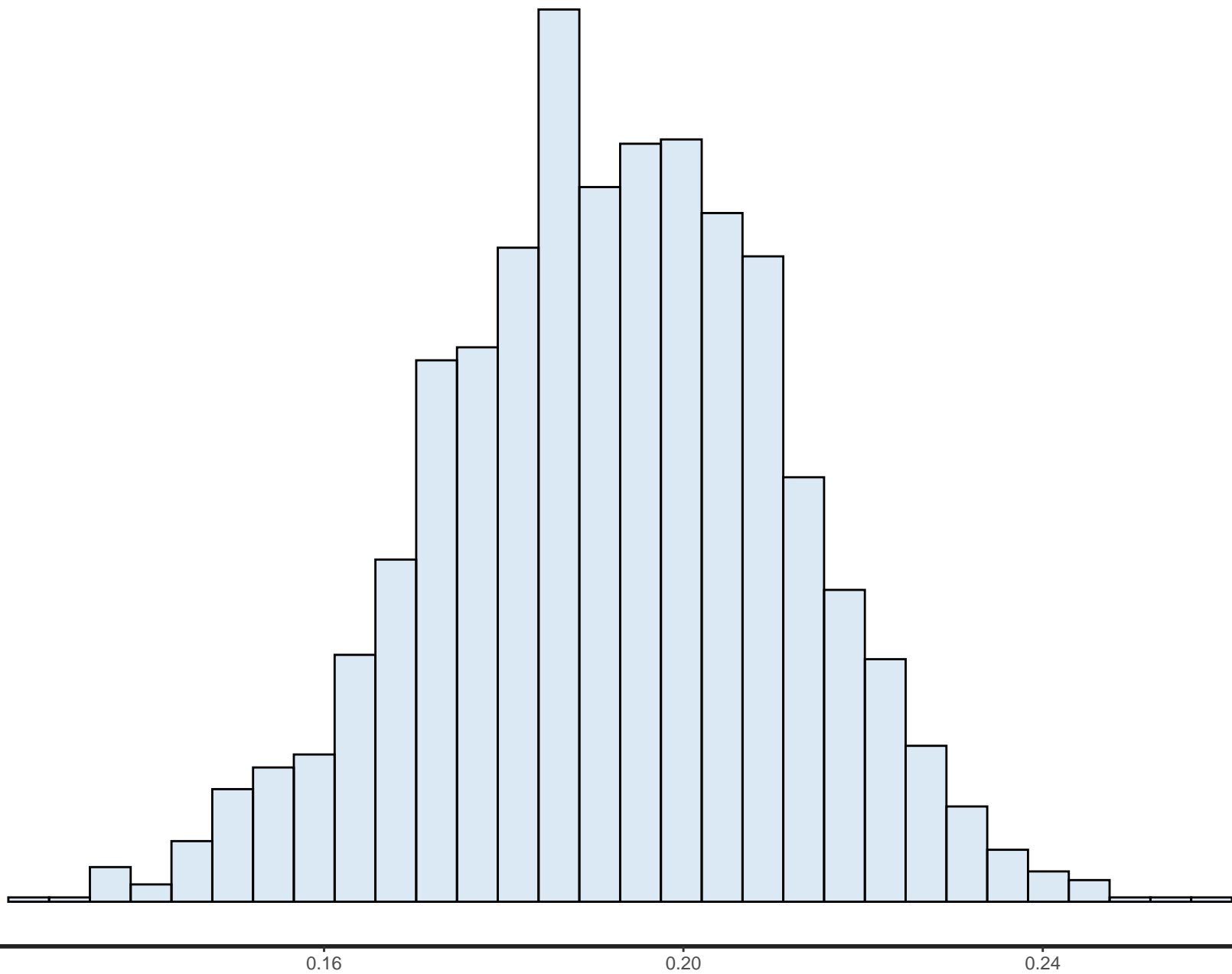




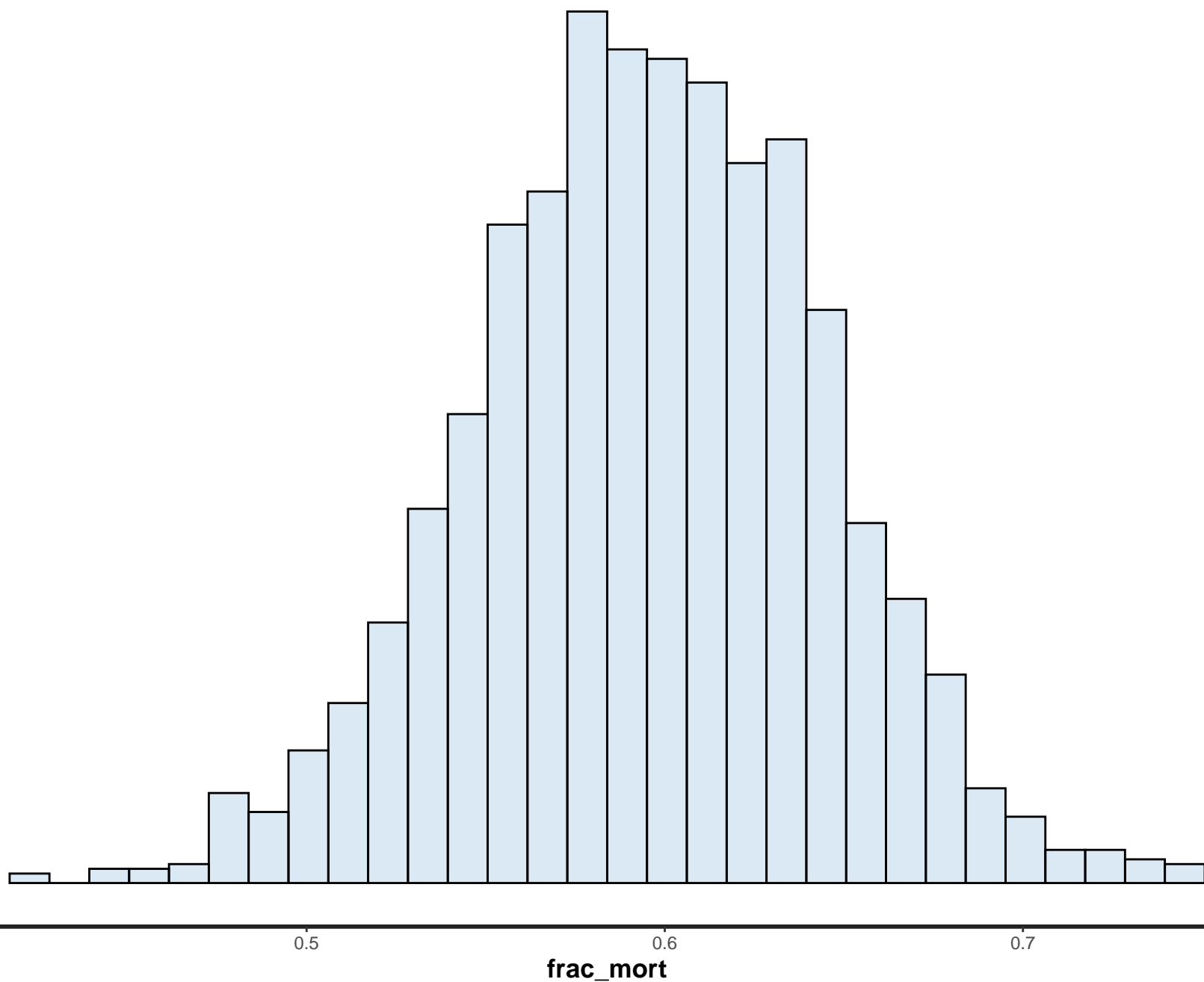


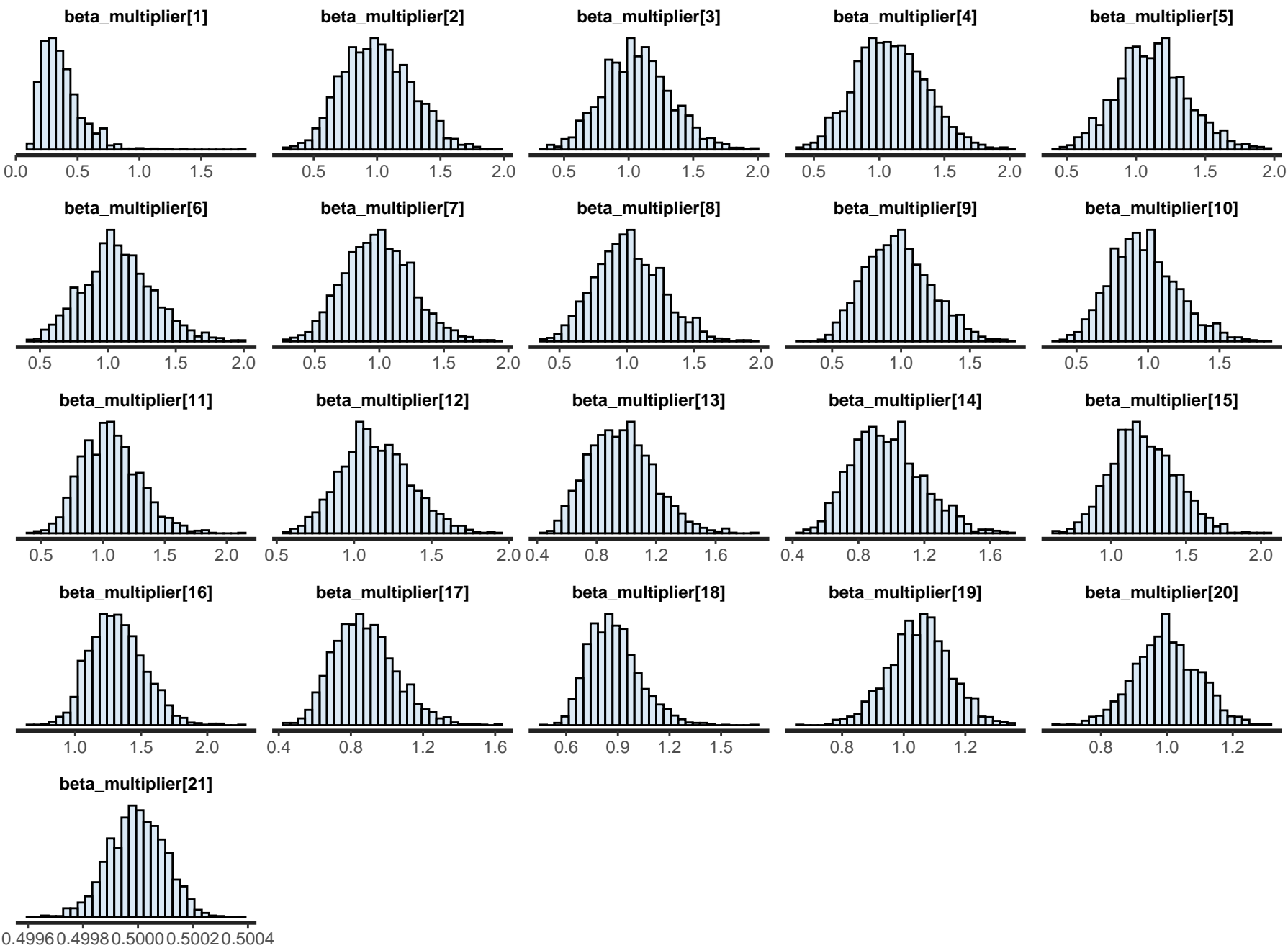






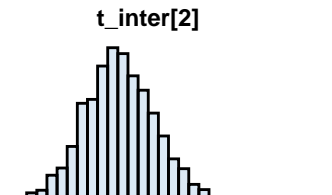






**t\_inter[1]**


Mar 09      Mar 16

**t\_inter[2]**


Apr 06      Apr 13      Apr 20

**t\_inter[3]**


Apr 20      Apr 27

**t\_inter[4]**


May 04      May 11

**t\_inter[5]**


May 18      May 25

**t\_inter[6]**


Jun 01      Jun 08

**t\_inter[7]**


Jun 15      Jun 22

**t\_inter[8]**


Jun 29      Jul 06

**t\_inter[9]**


Jul 13      Jul 20

**t\_inter[10]**


Jul 28      Jul 28      Aug 05

**t\_inter[11]**


Aug 10      Aug 12      Aug 16      Aug 20

**t\_inter[12]**


Aug 24      Aug 31

**t\_inter[13]**


Sep 07      Sep 14

**t\_inter[14]**


Sep 21      Sep 28

**t\_inter[15]**


Oct 05      Oct 12

**t\_inter[16]**


Oct 19      Oct 26

**t\_inter[17]**


Nov 02      Nov 09

**t\_inter[18]**


Nov 16      Nov 23

**t\_inter[19]**

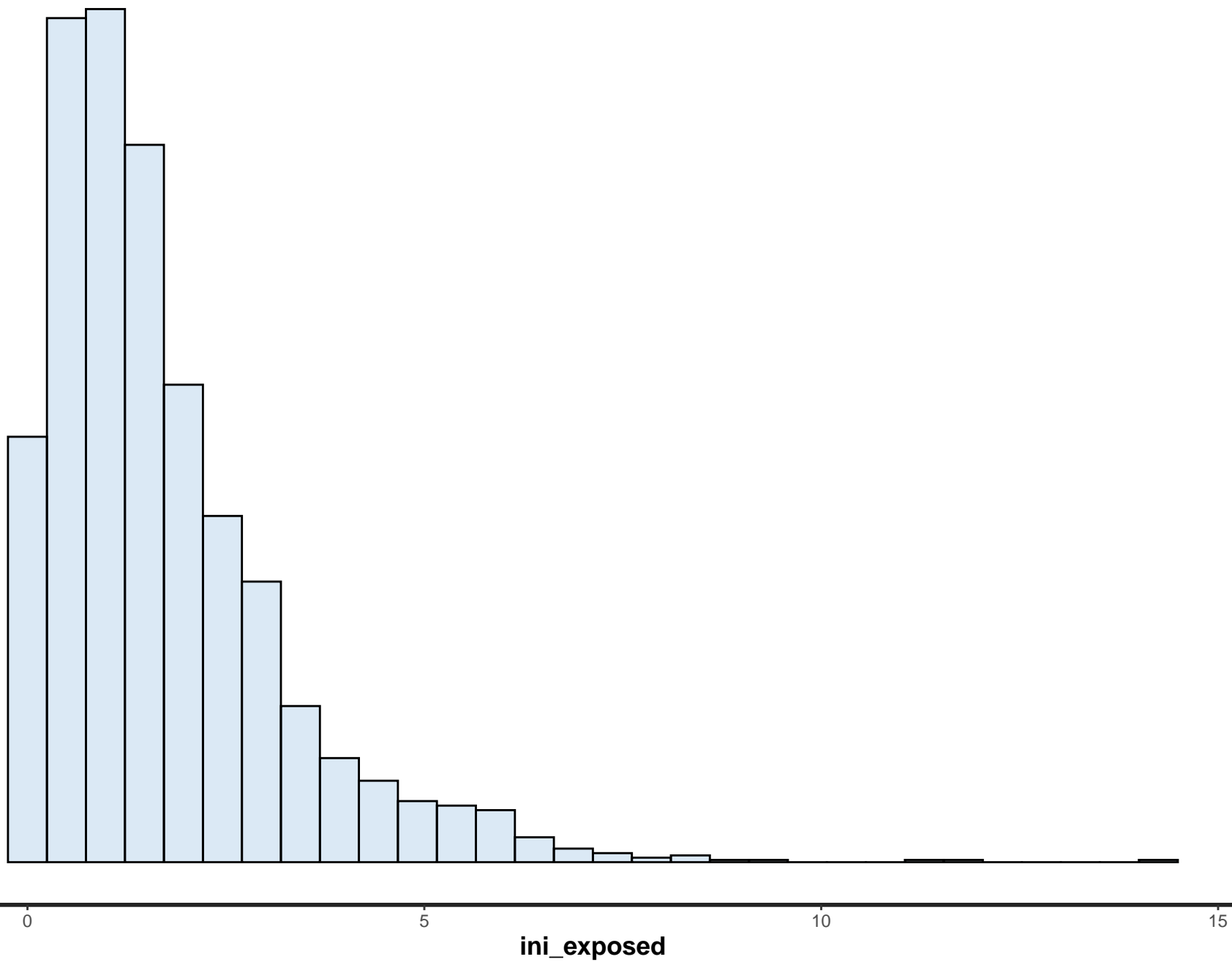

Nov 30      Dec 07

**t\_inter[20]**

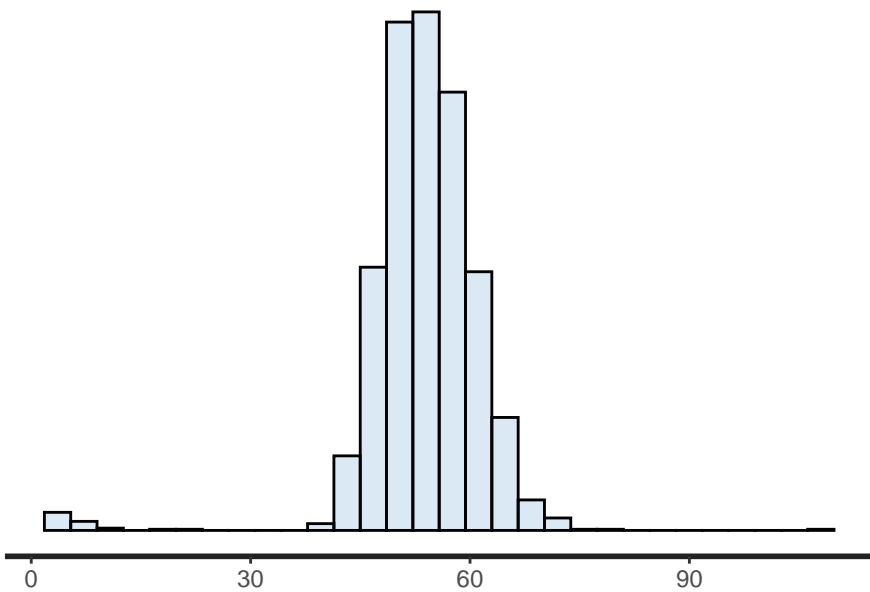

Dec 10      Dec 10      Dec 17      Dec 23

**t\_inter[21]**

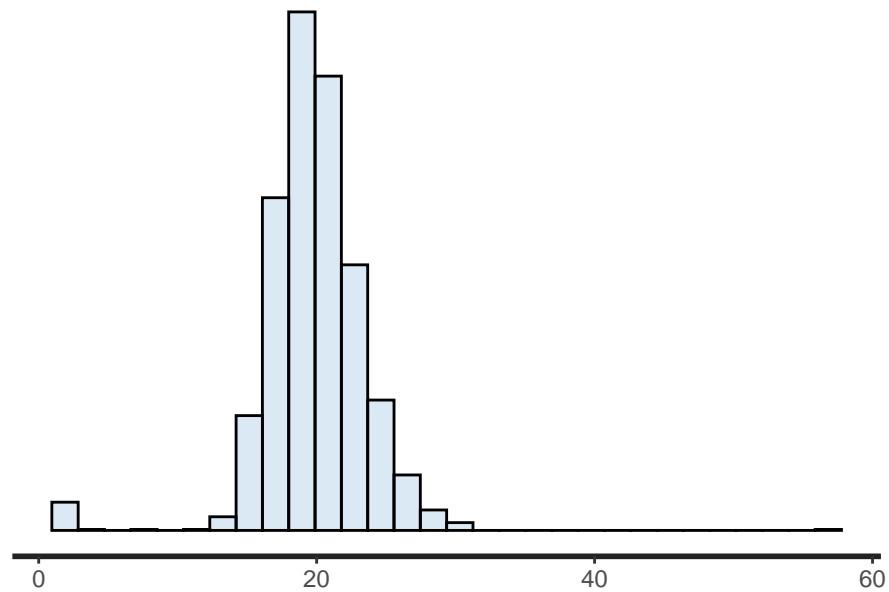

Jan 04



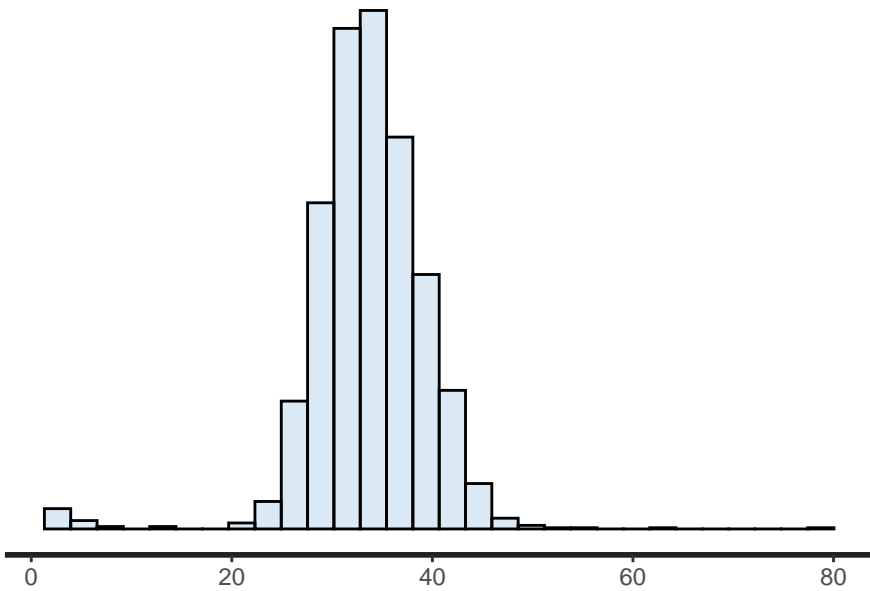
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

