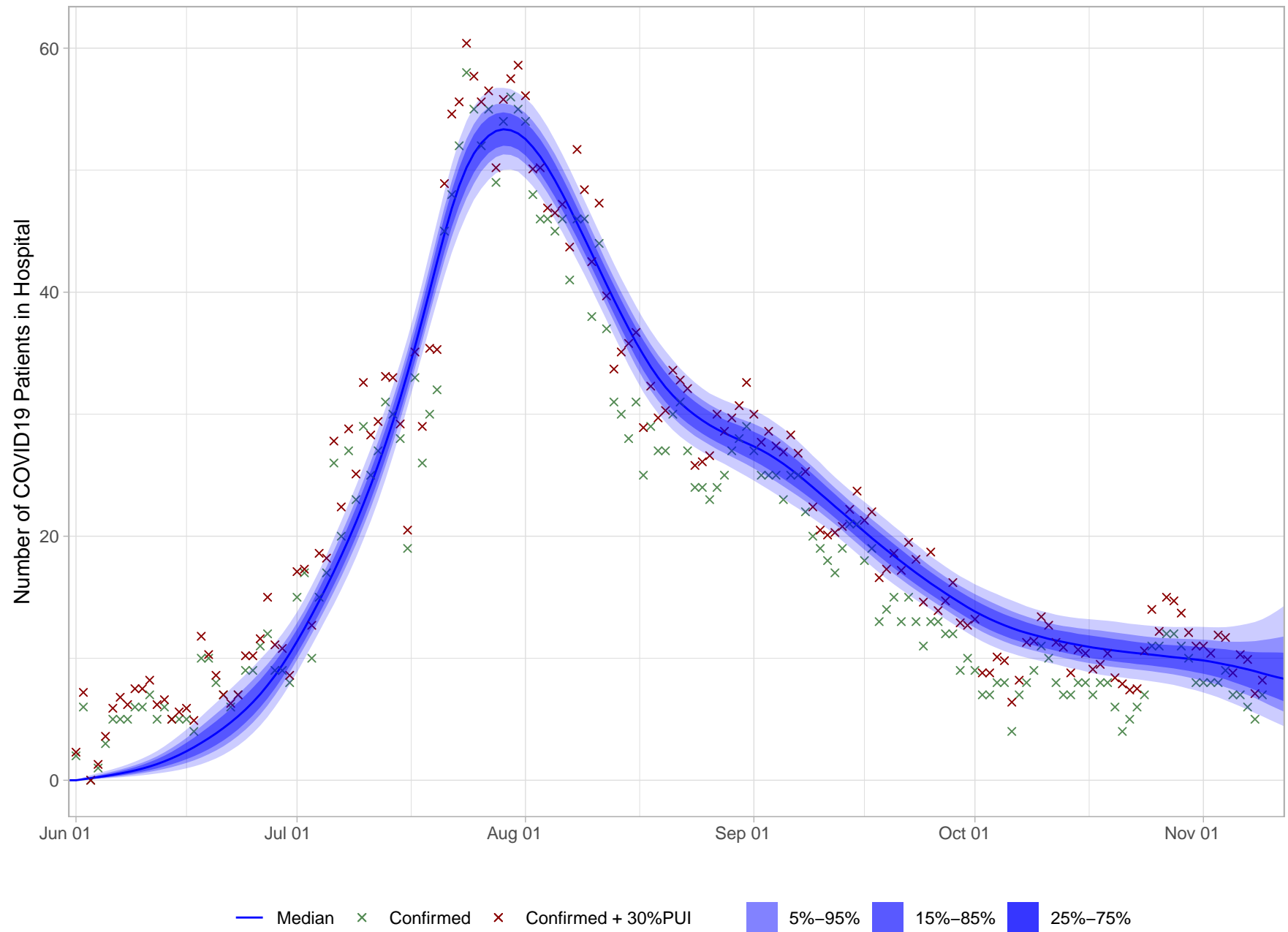
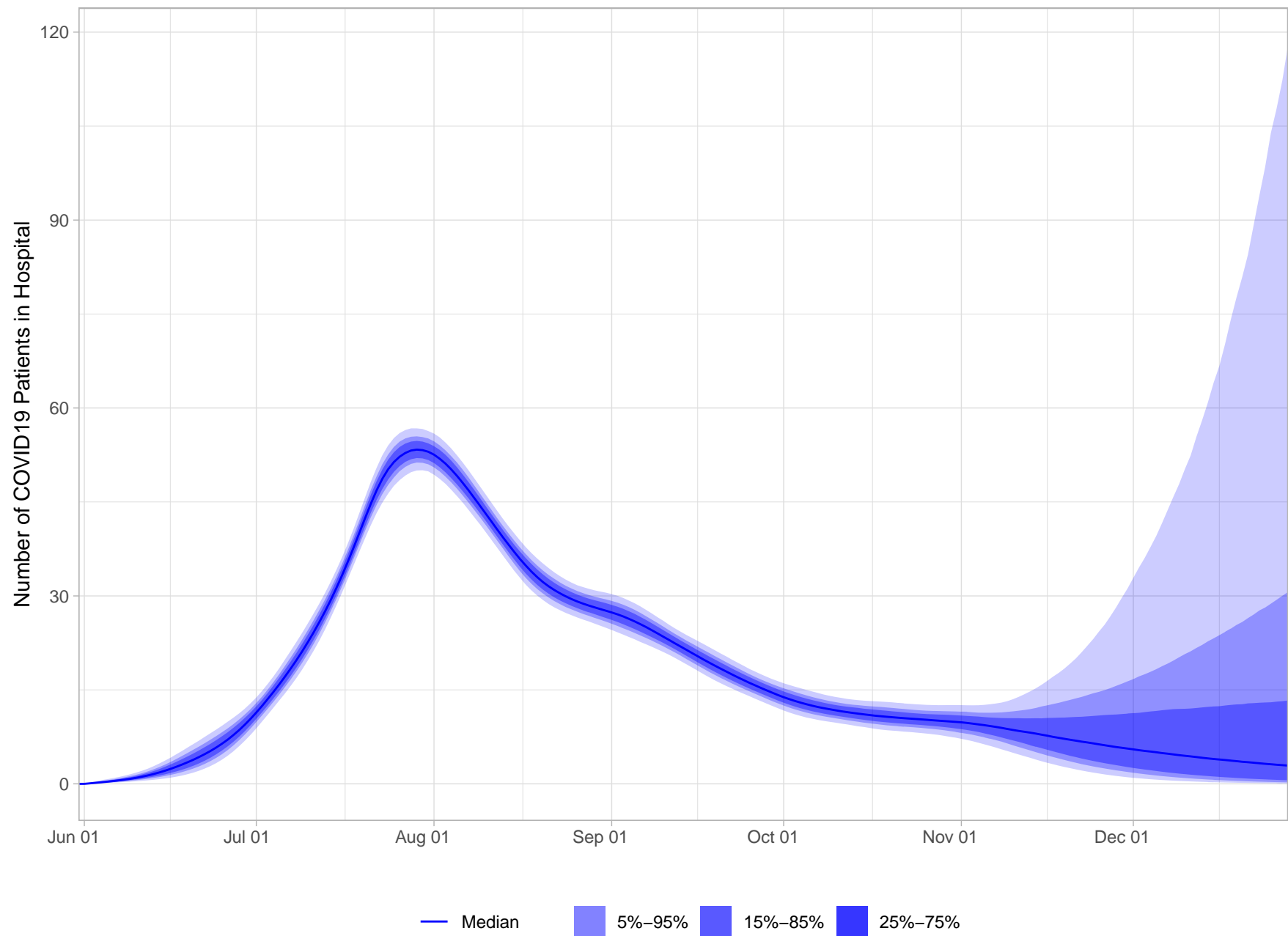


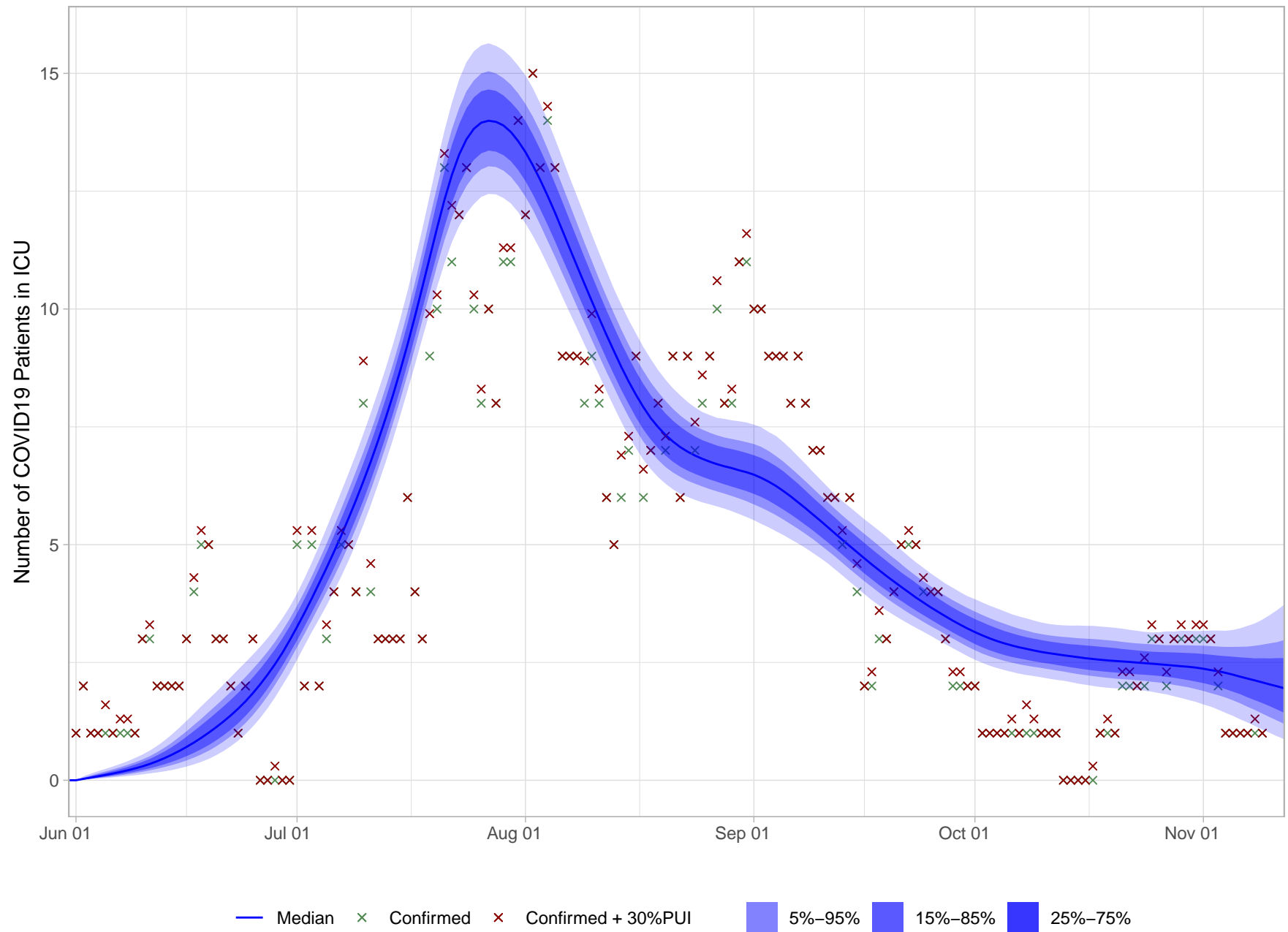
# Short Term Hospitalization Projection



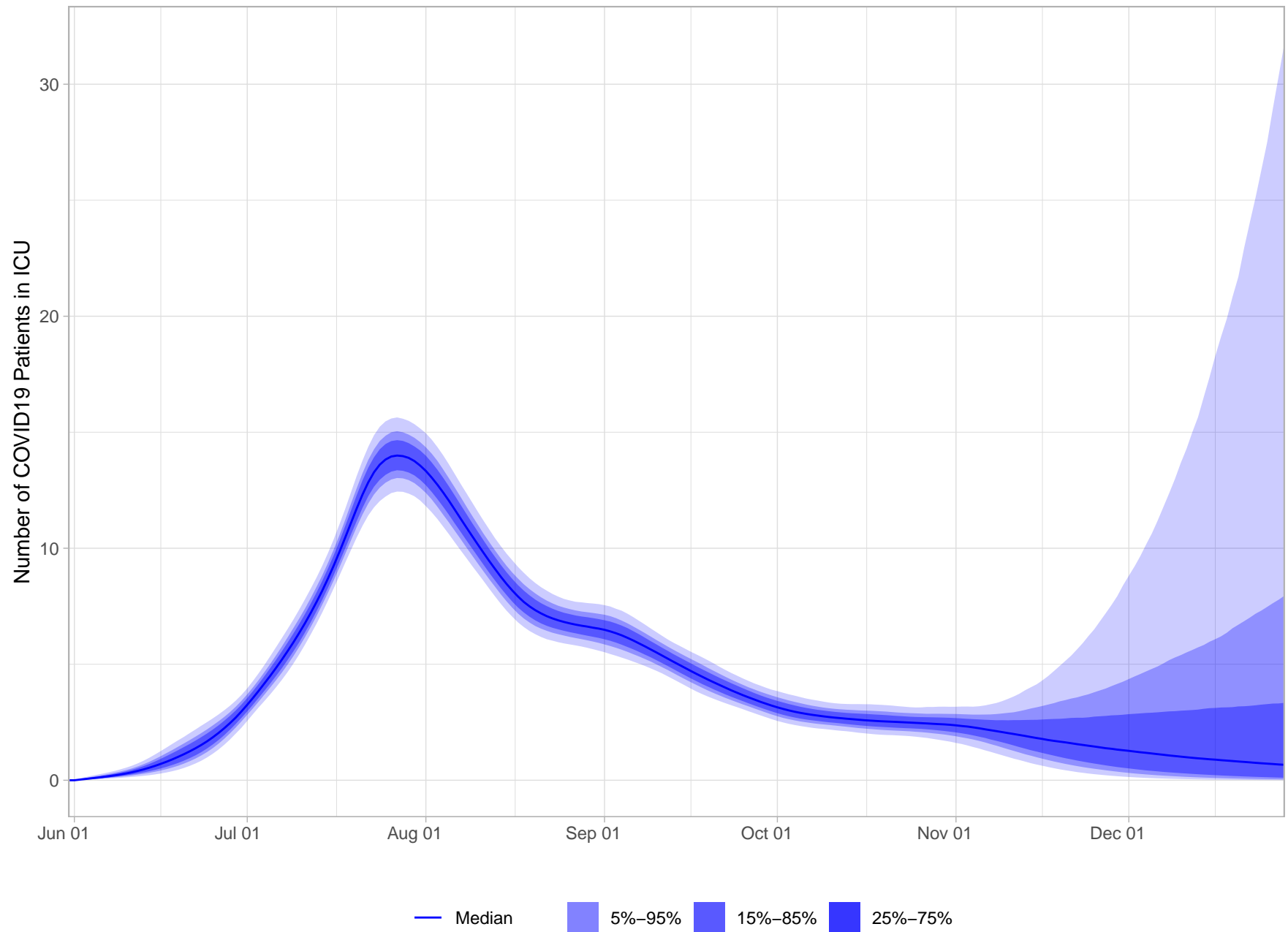
# Long Term Hospitalization Projection



# Short Term ICU Projection

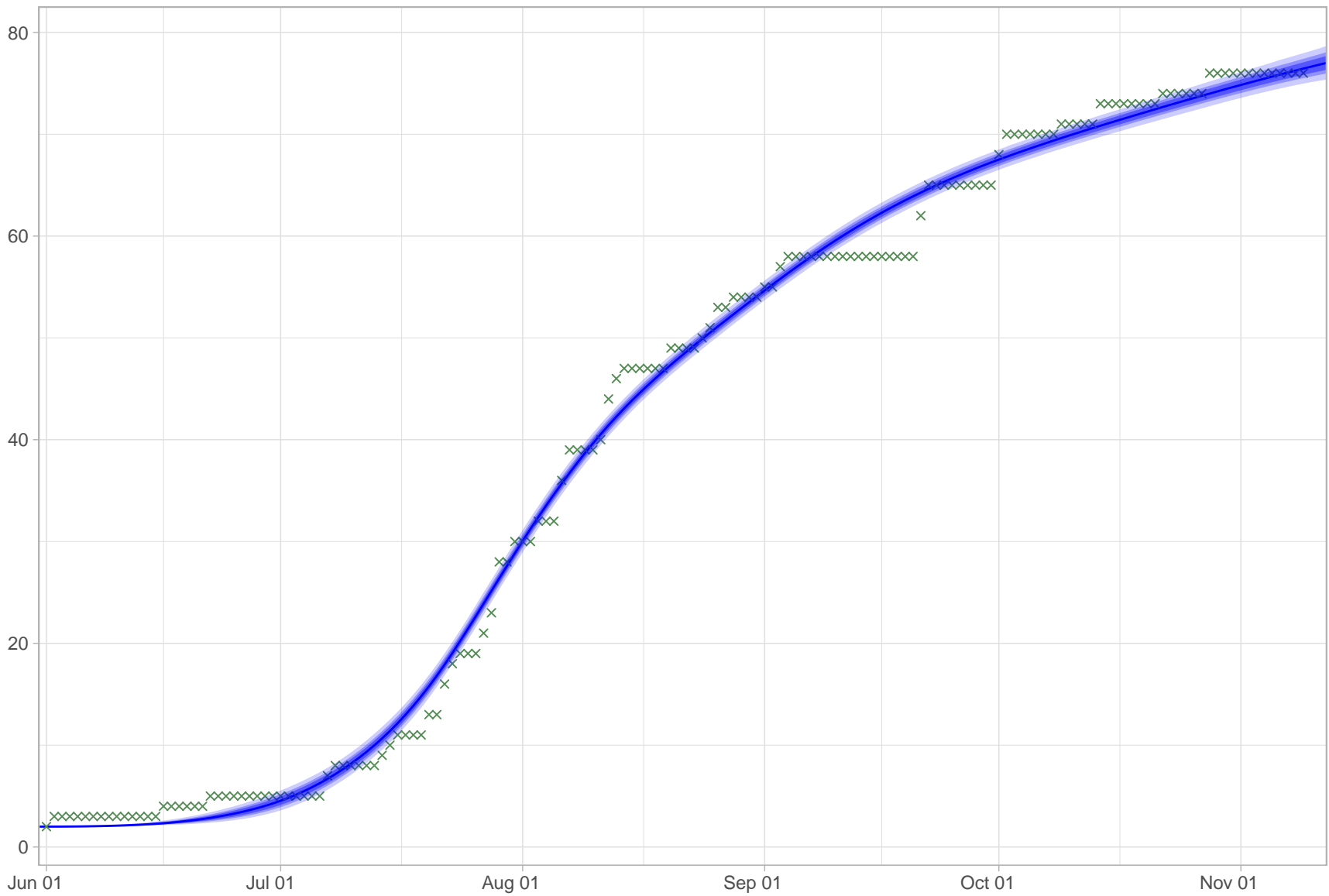


# Long Term ICU Projection



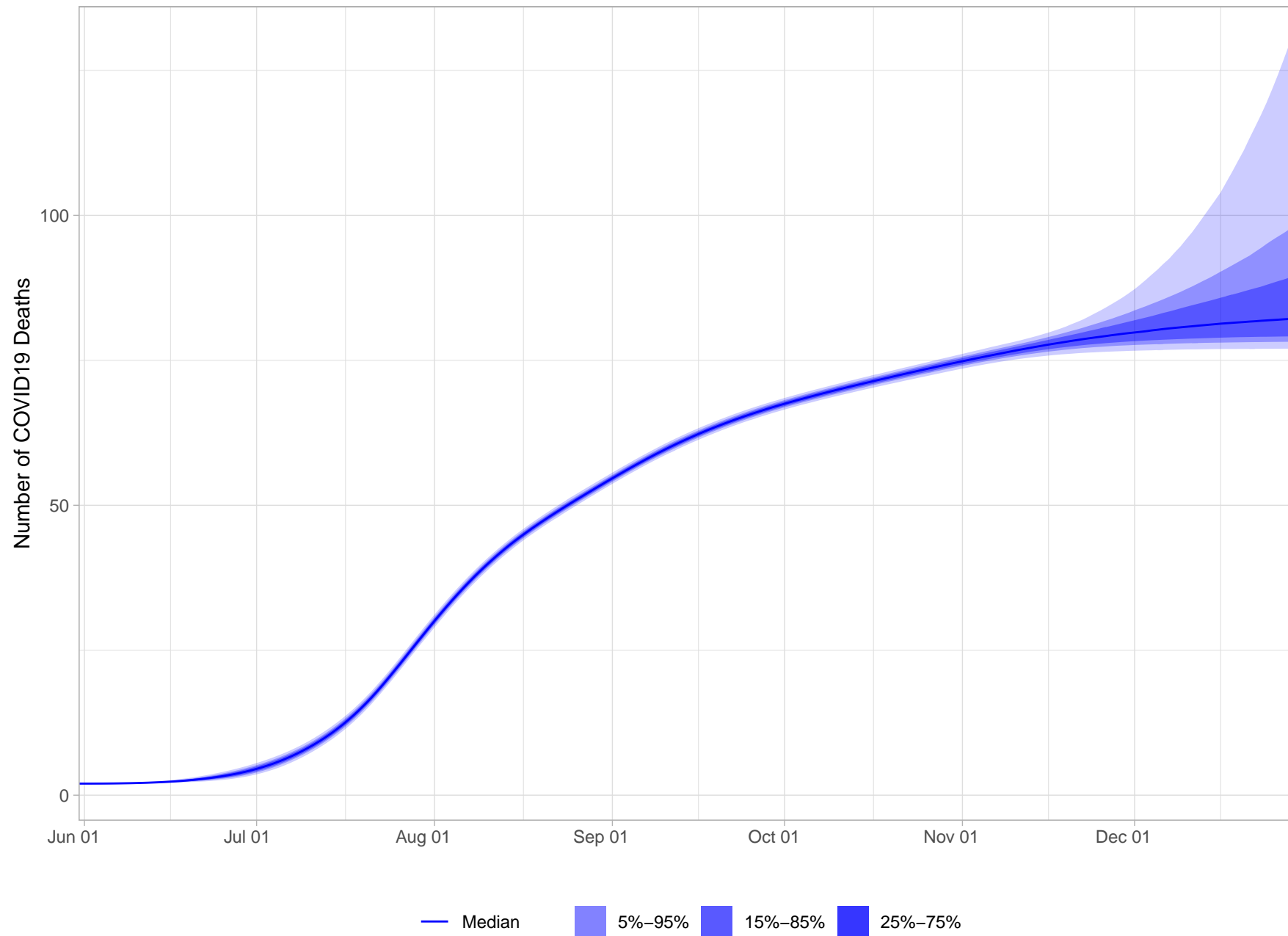
# Short Term Death Projection

Number of COVID19 Deaths

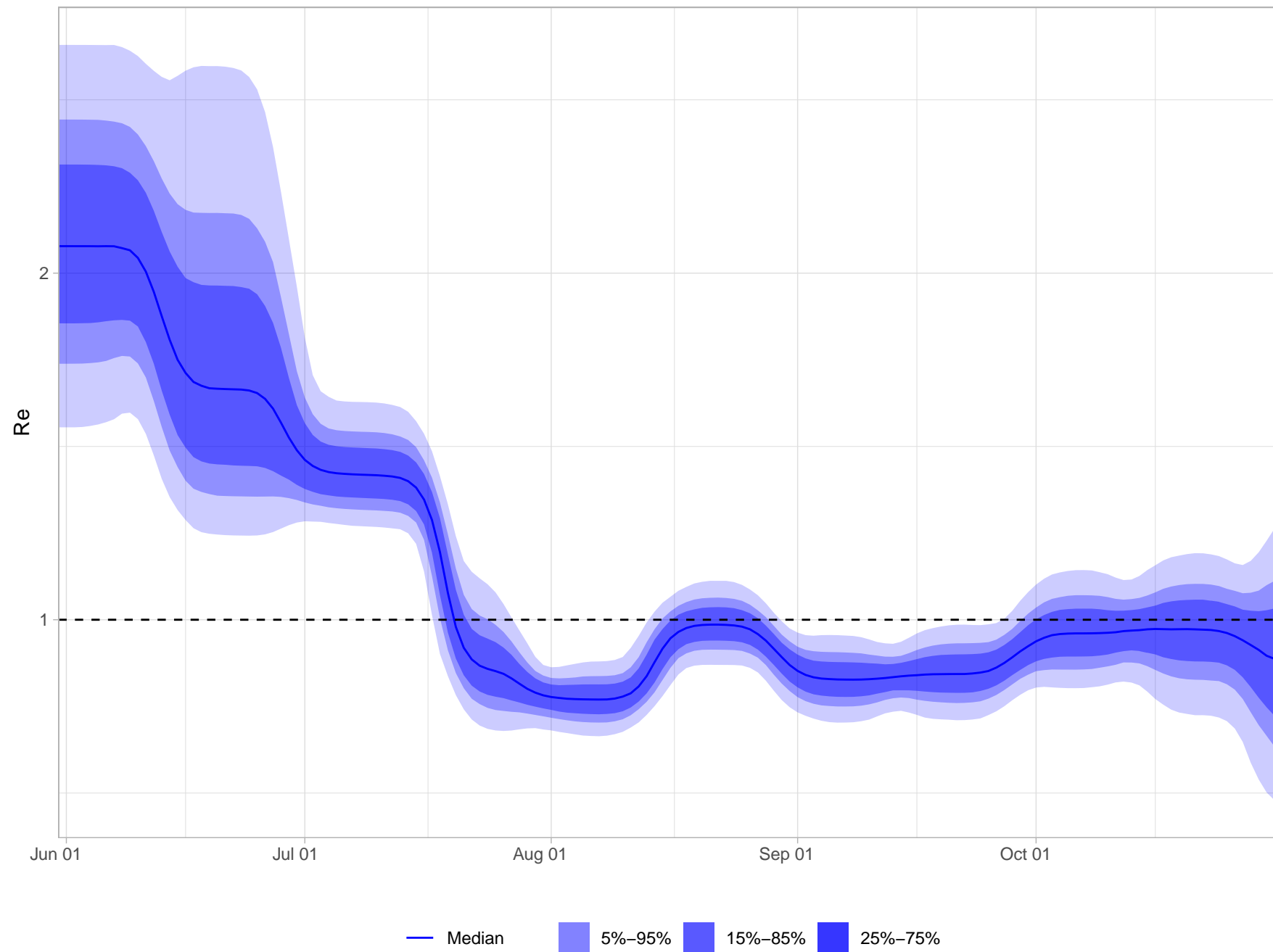


— Median    x Confirmed    5%–95%    15%–85%    25%–75%

# Long Term Death Projection

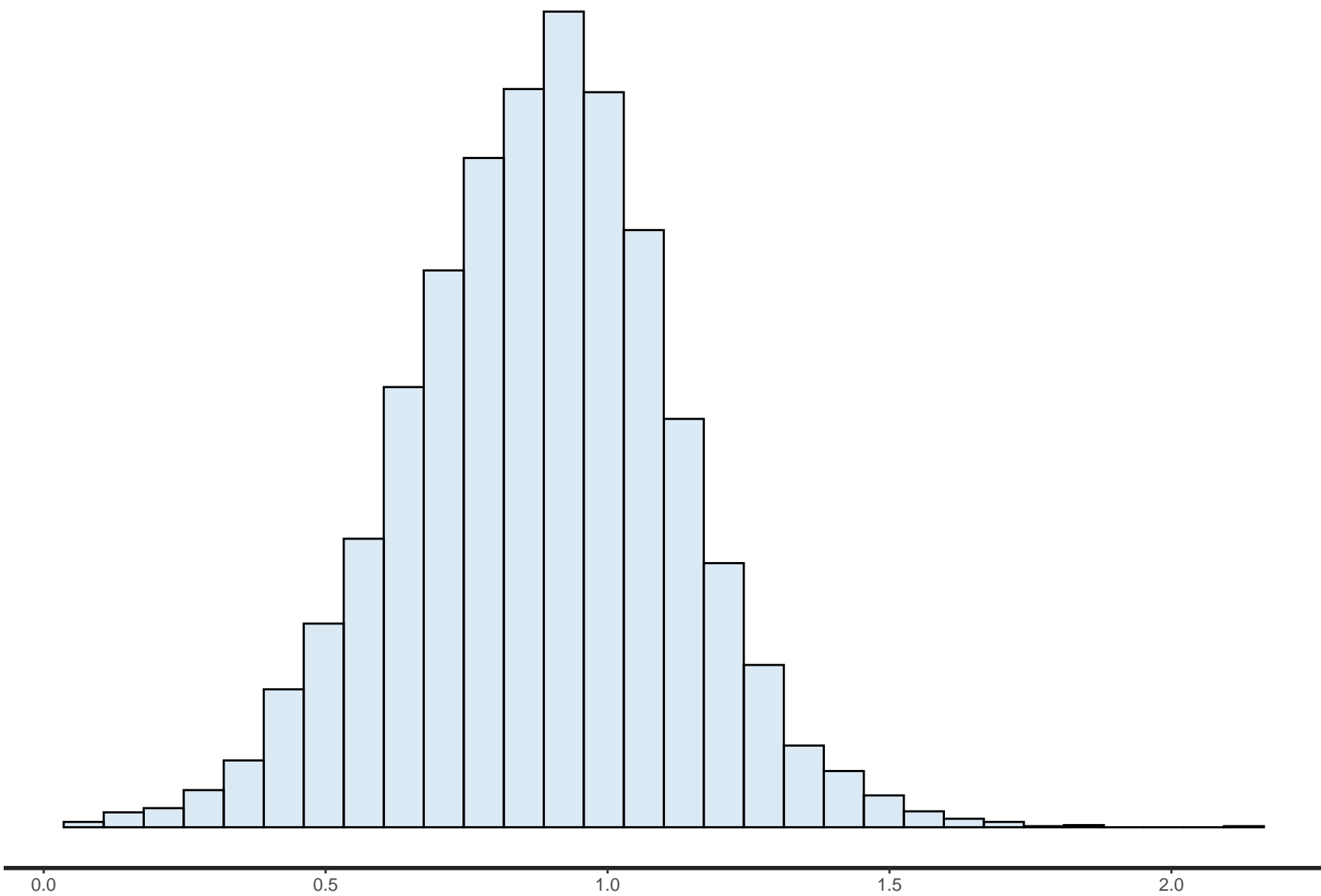


Effective Reproduction Number

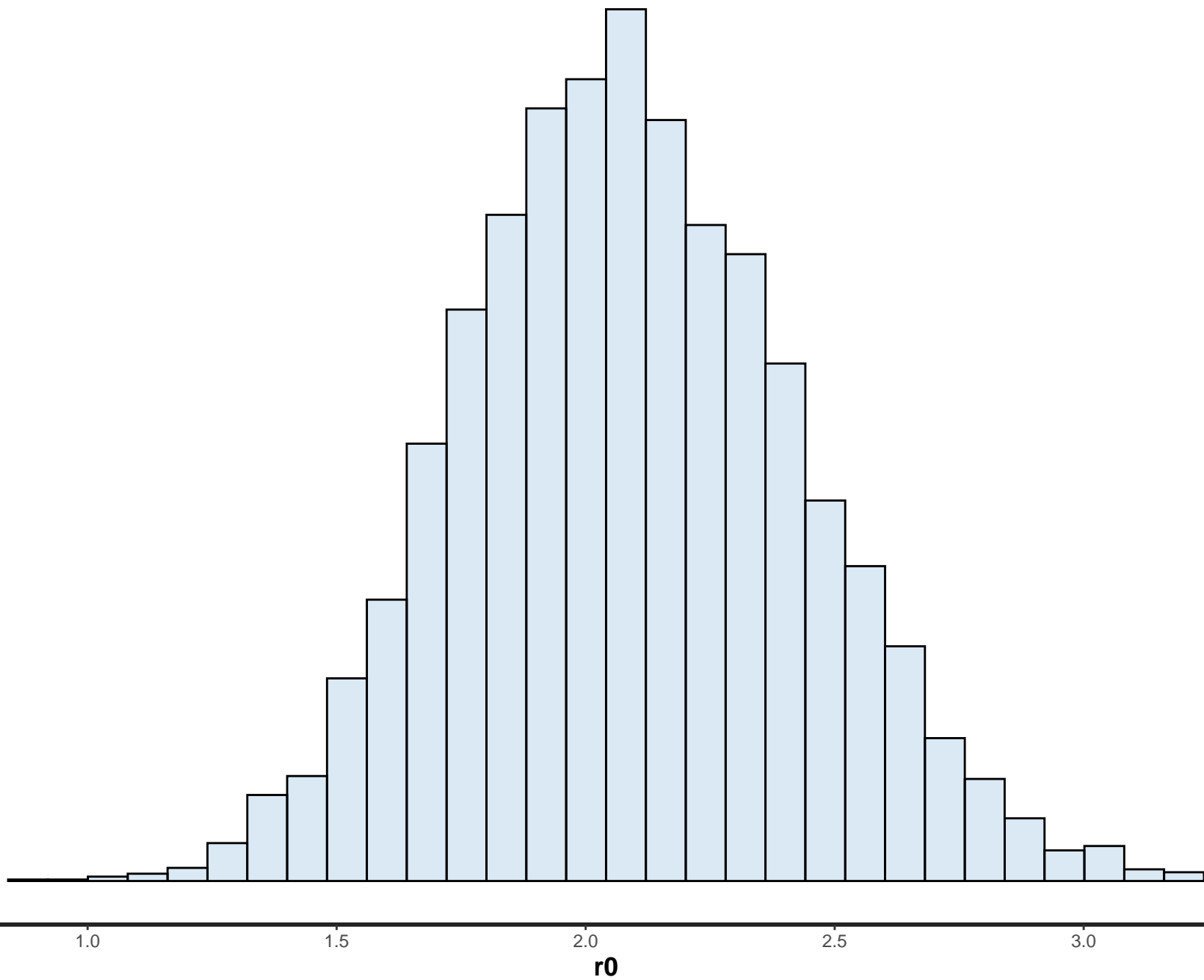


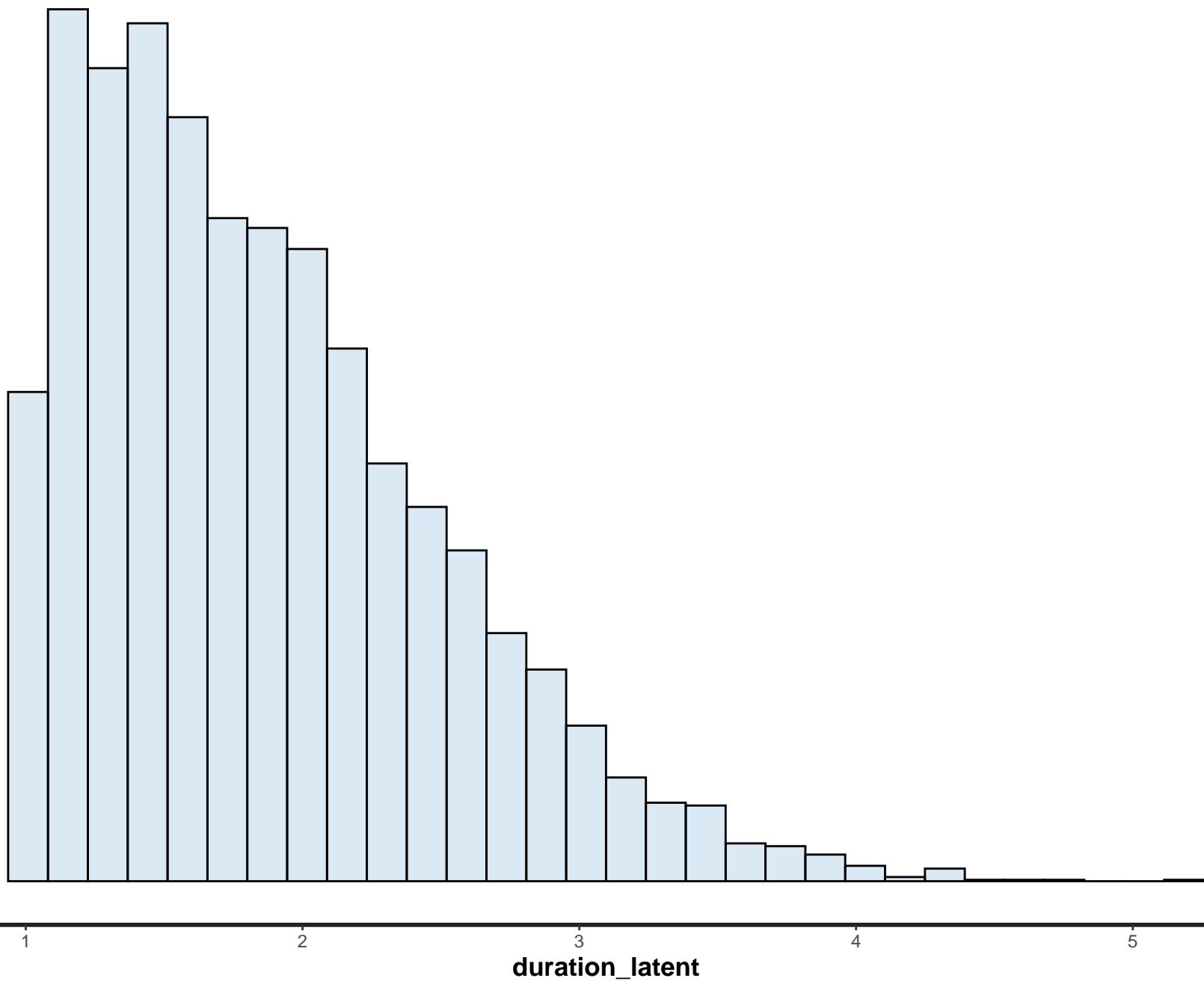
# Rt as of 2020-10-31

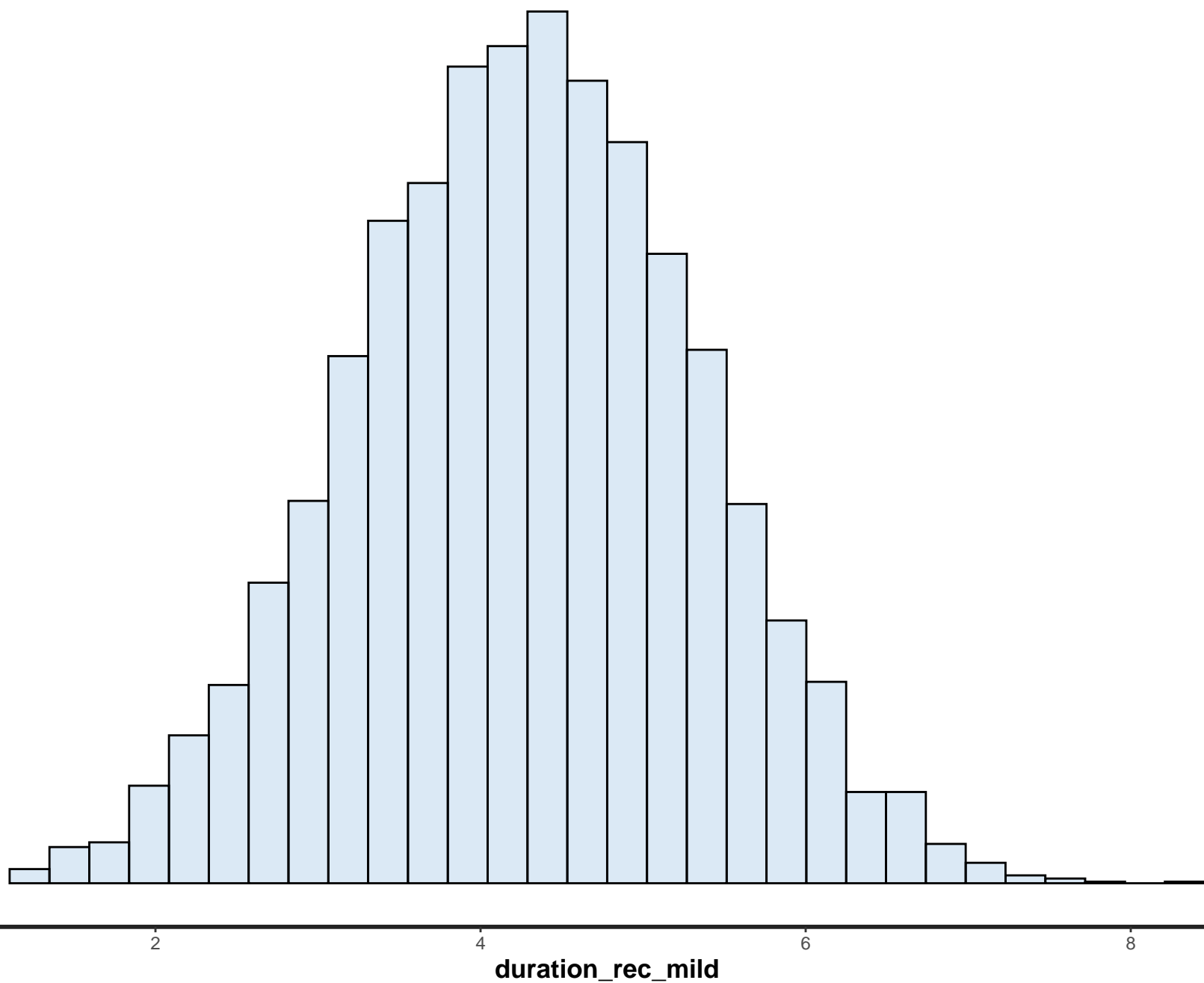
5% 10% 25% 50% 75% 90% 95%  
0.48 0.57 0.72 0.89 1.03 1.17 1.26

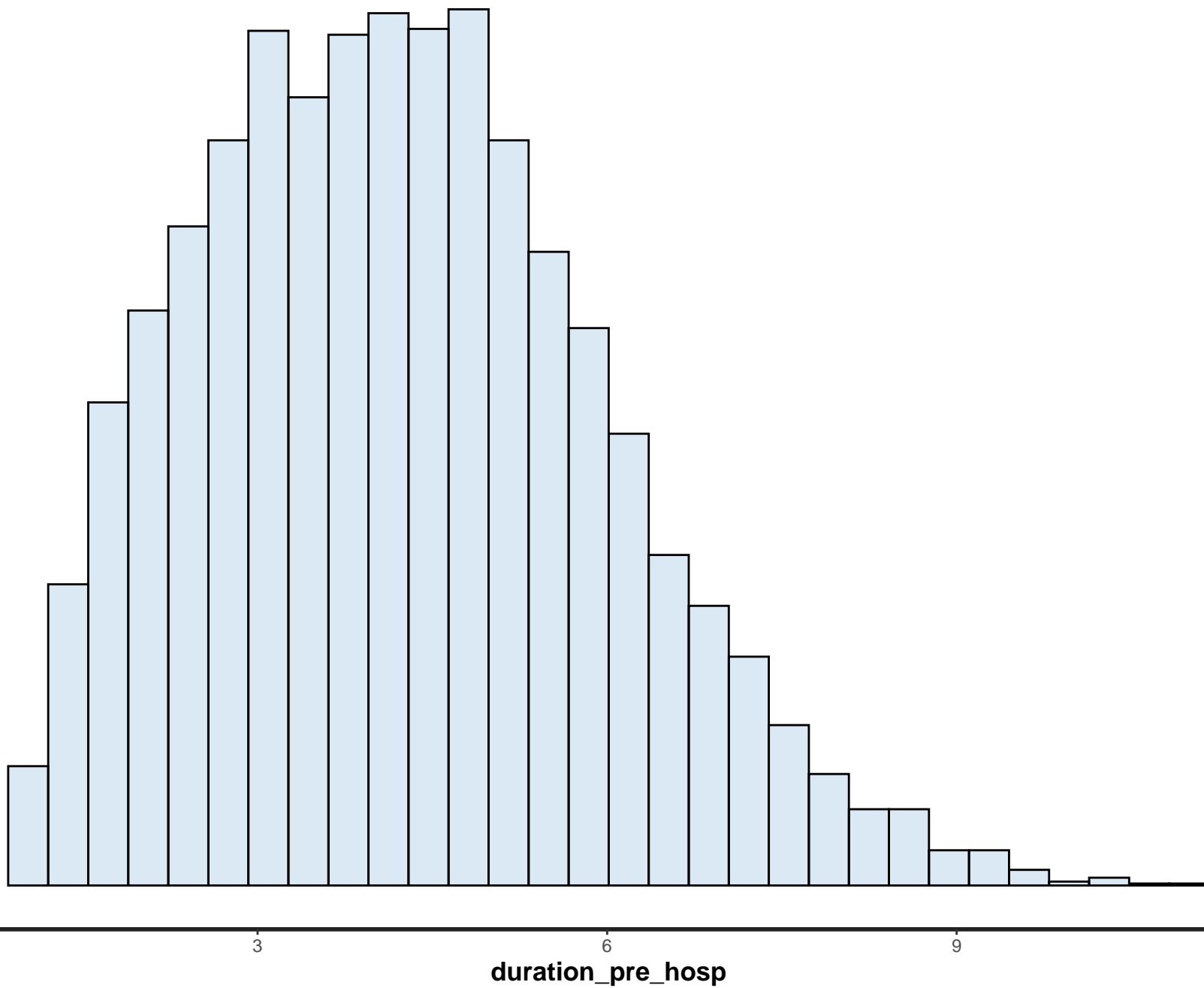


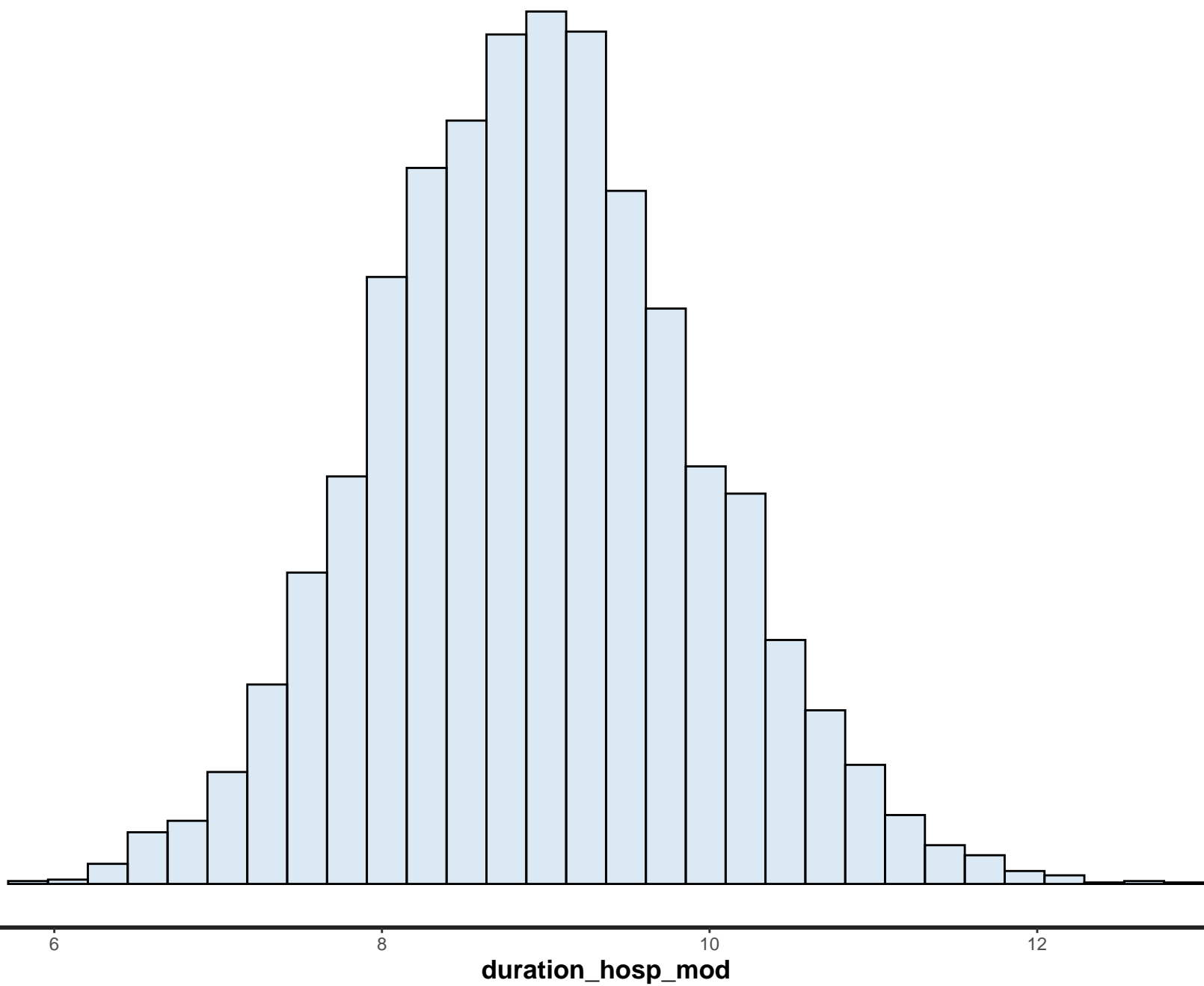


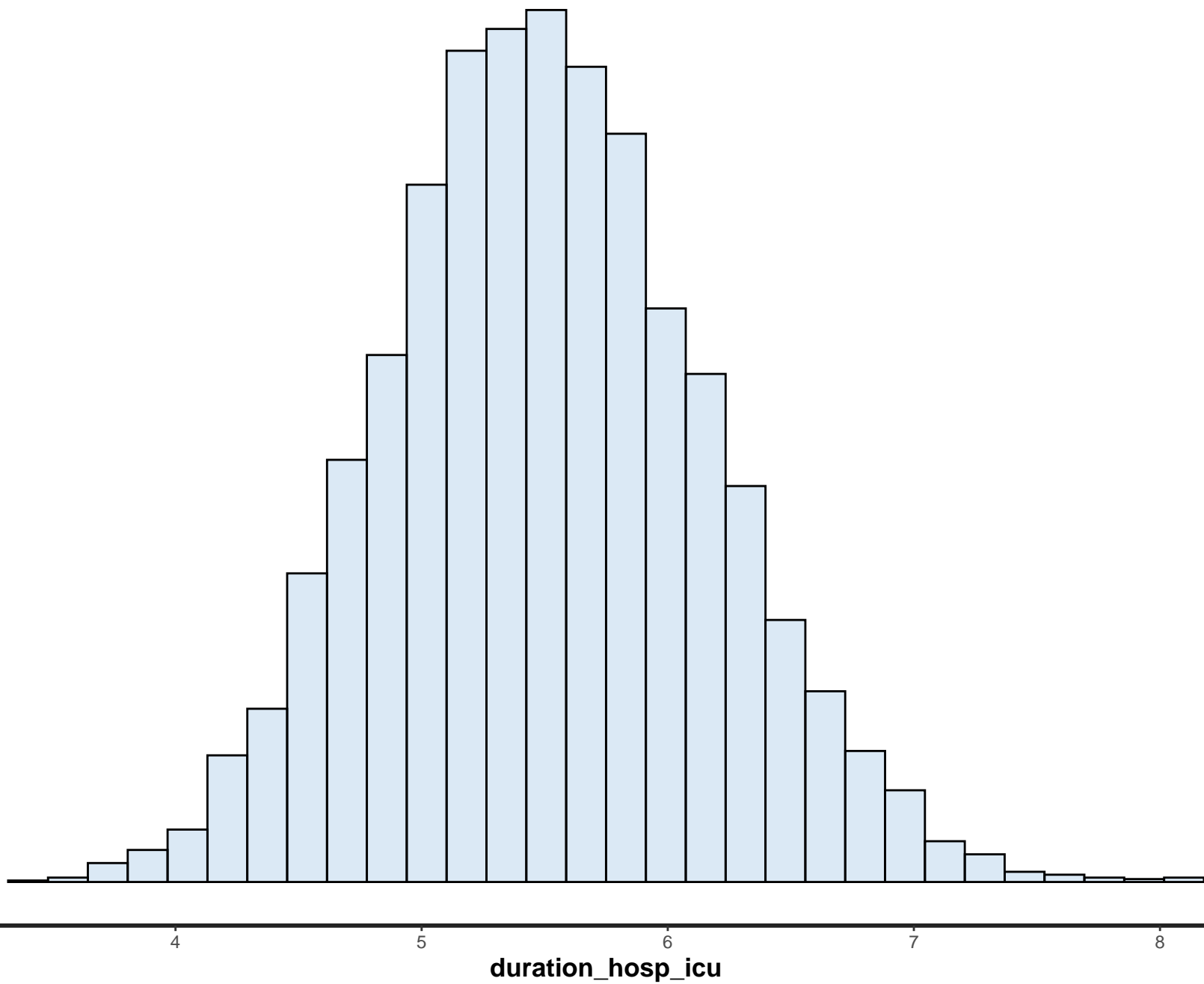


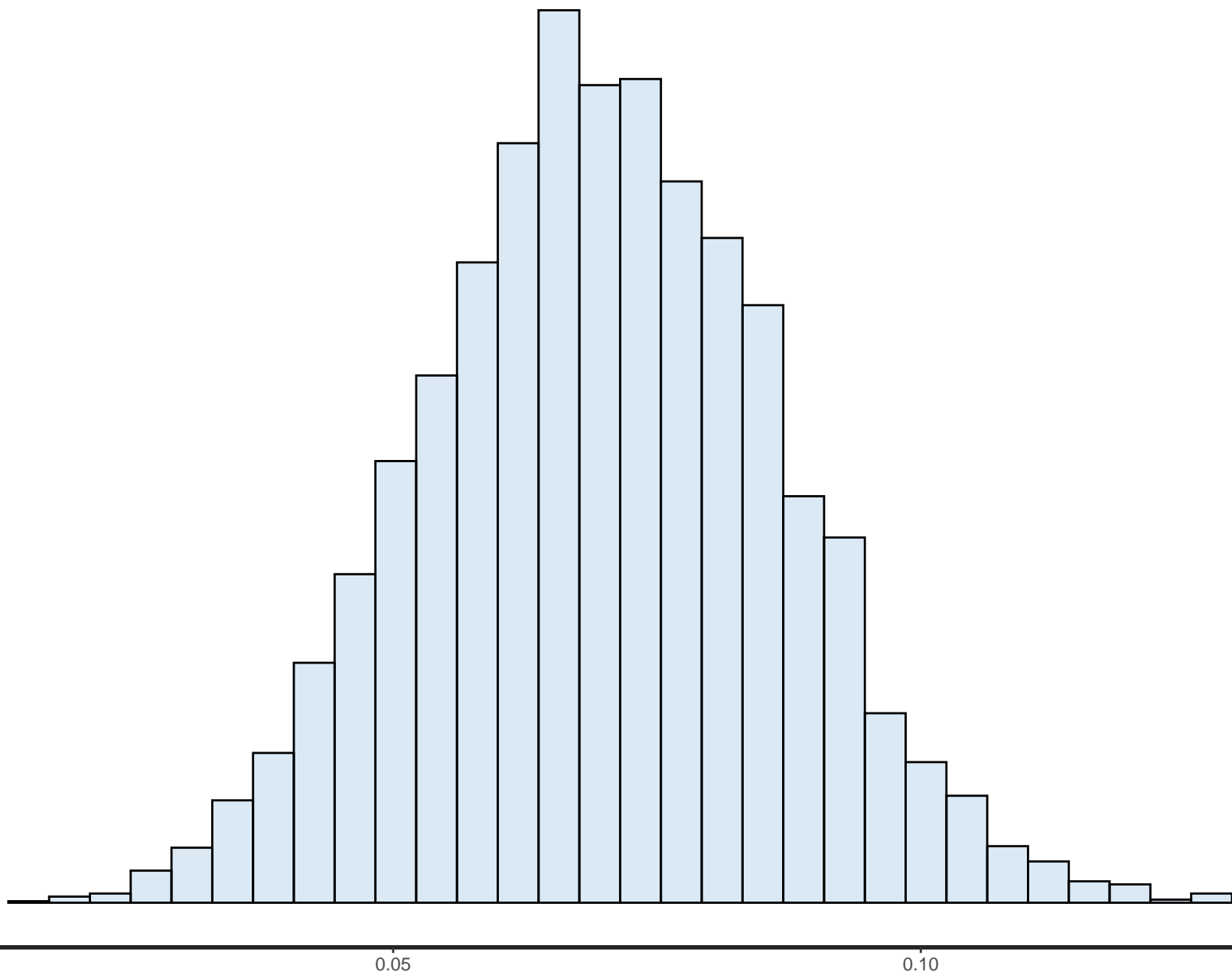


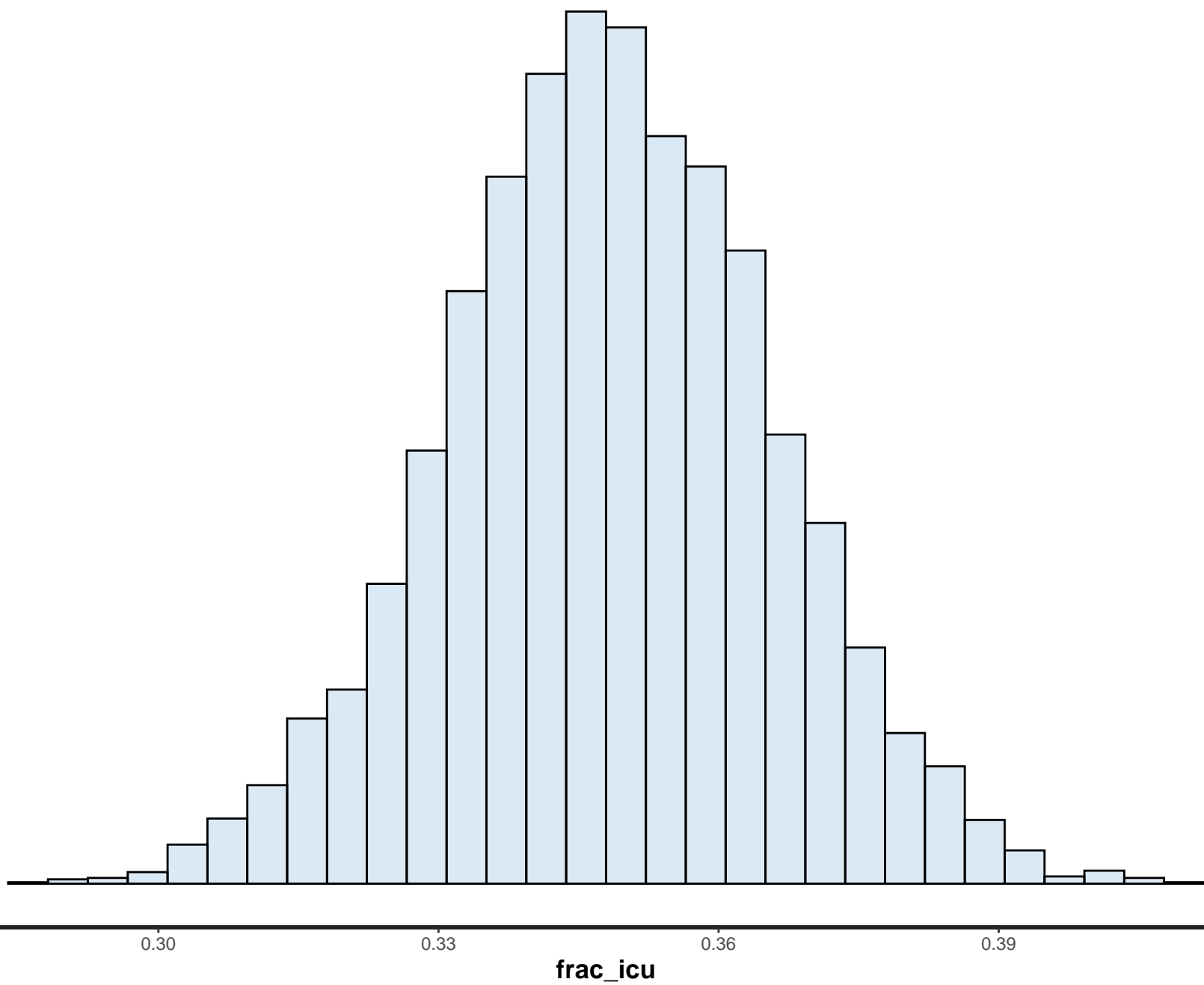




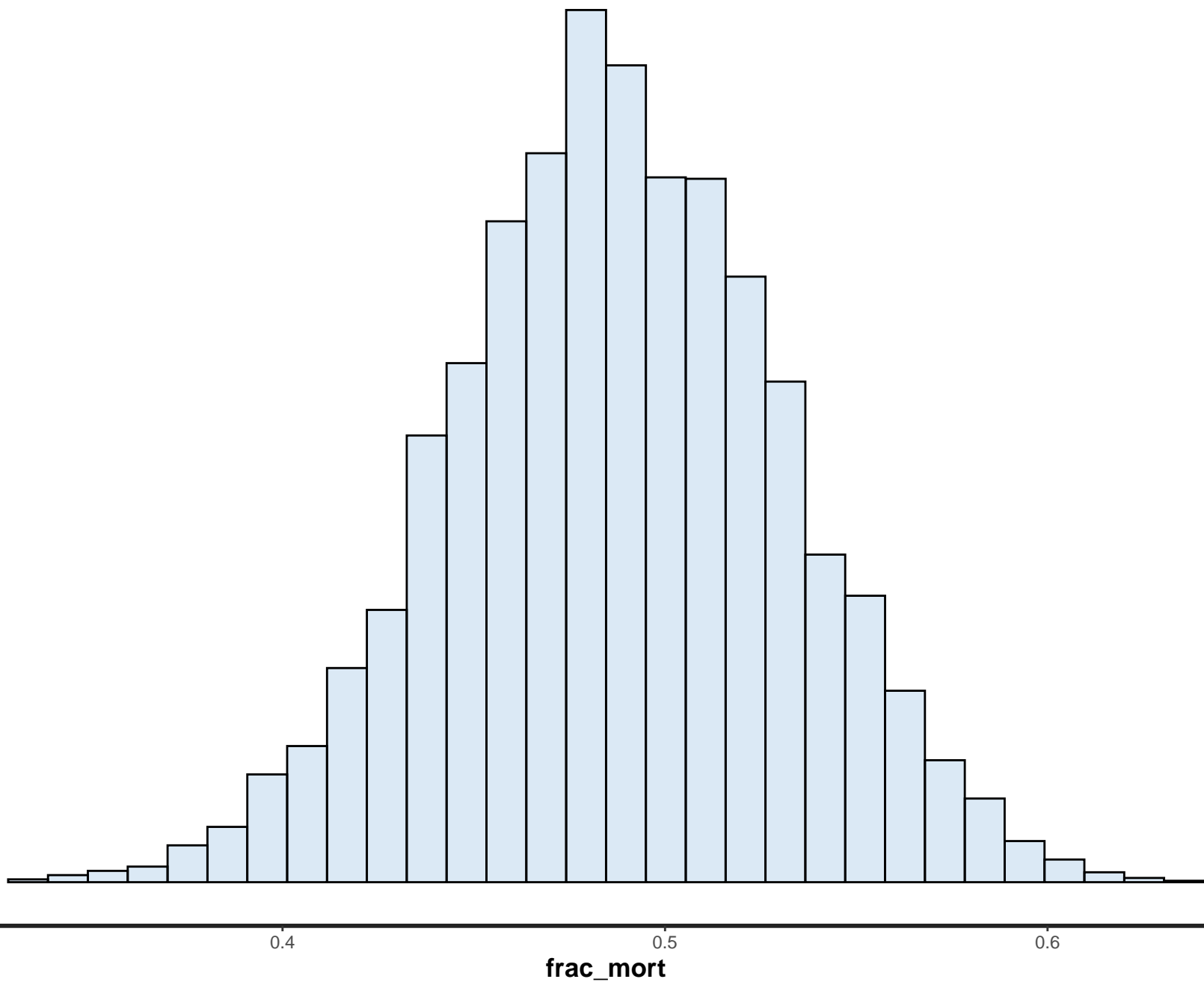




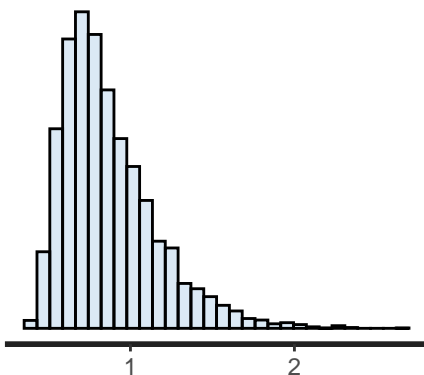




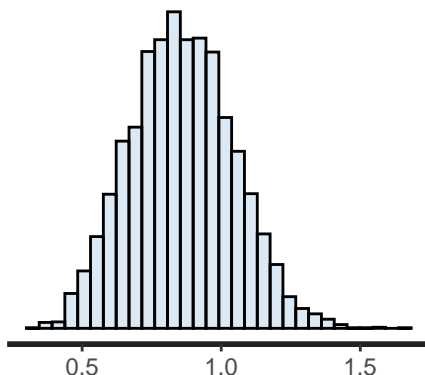




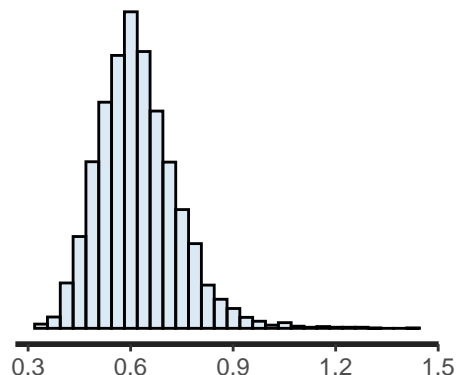
**beta\_multiplier[1]**



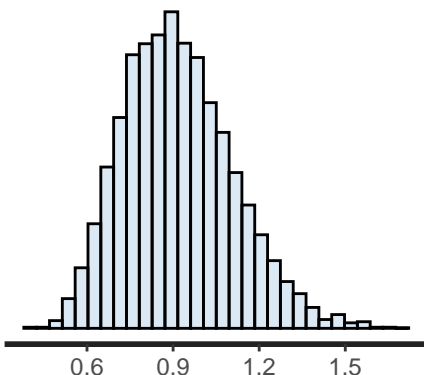
**beta\_multiplier[2]**



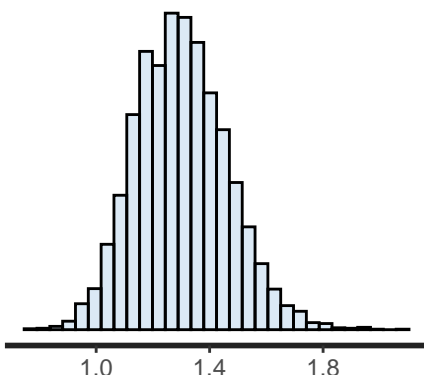
**beta\_multiplier[3]**



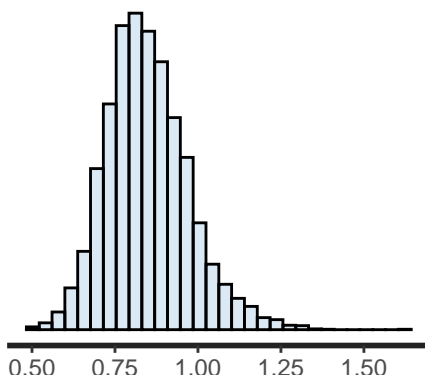
**beta\_multiplier[4]**



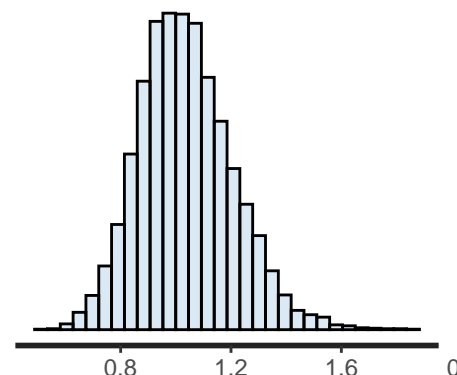
**beta\_multiplier[5]**



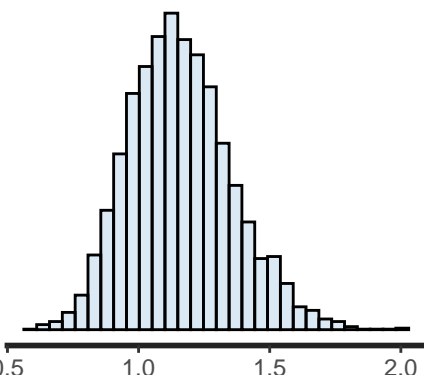
**beta\_multiplier[6]**



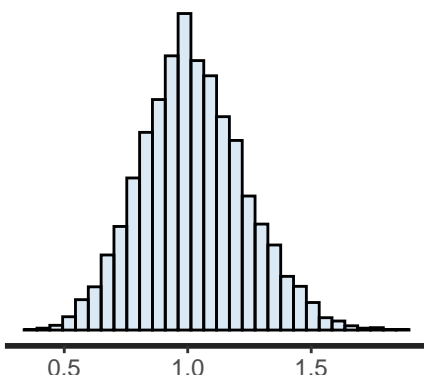
**beta\_multiplier[7]**



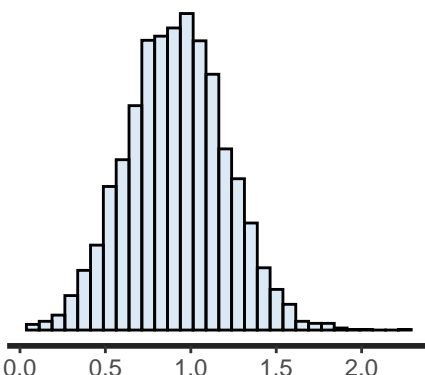
**beta\_multiplier[8]**



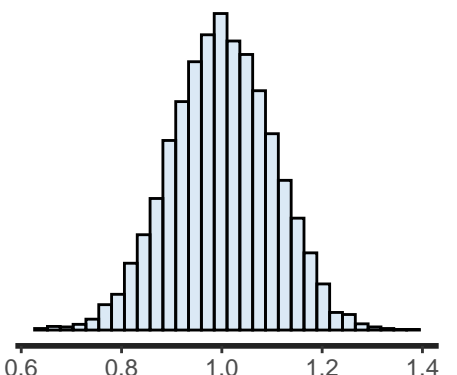
**beta\_multiplier[9]**



**beta\_multiplier[10]**



**beta\_multiplier[11]**



**t\_inter[1]**

Jun 01 Jun 08 Jun 15

**t\_inter[2]**

Jun 22 Jun 29 Jul 06

**t\_inter[3]**

Jul 13 Jul 20 Jul 27

**t\_inter[4]**

Aug 03 Aug 10 Aug 17

**t\_inter[5]****t\_inter[6]****t\_inter[7]****t\_inter[8]**

Aug 24 Aug 31 Sep 07

Sep 14 Sep 21 Sep 28

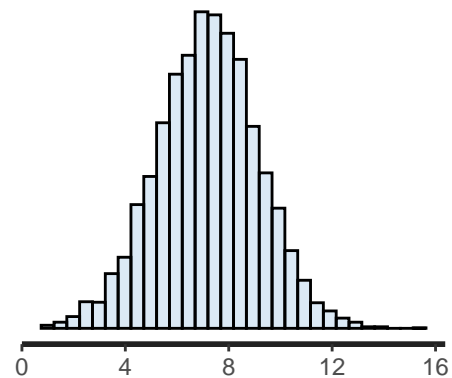
Sep 28 Oct 05 Oct 12

**t\_inter[9]****t\_inter[10]****t\_inter[11]**

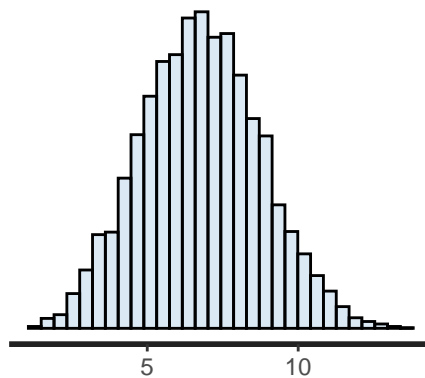
Oct 19 Oct 26 Nov 02

Nov 02 Nov 09 Nov 16

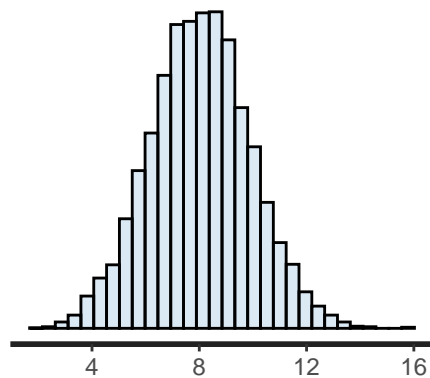
**len\_inter[1]**



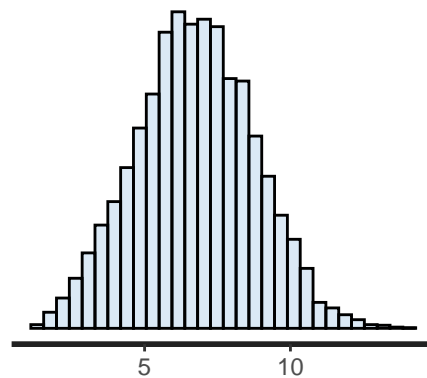
**len\_inter[2]**



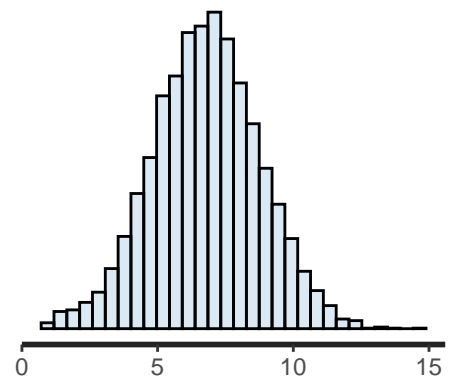
**len\_inter[3]**



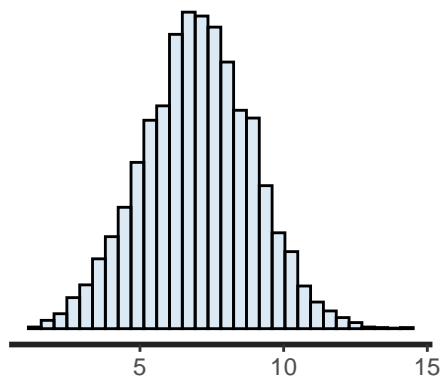
**len\_inter[4]**



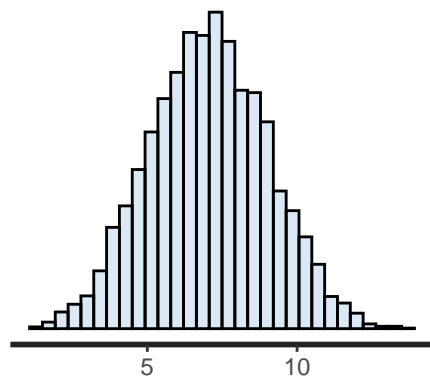
**len\_inter[5]**



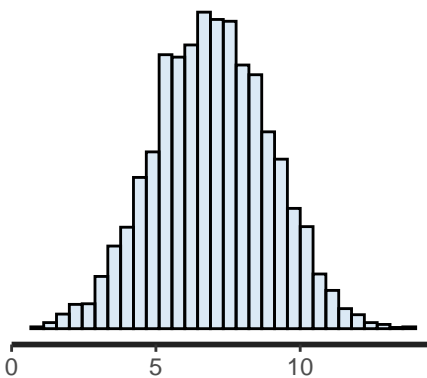
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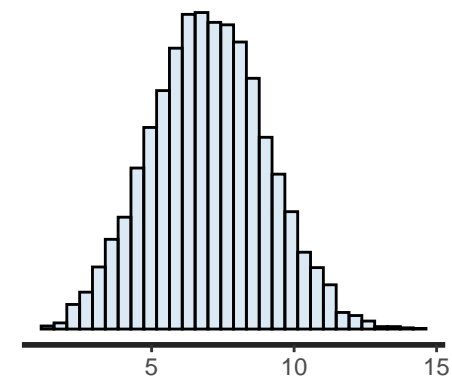
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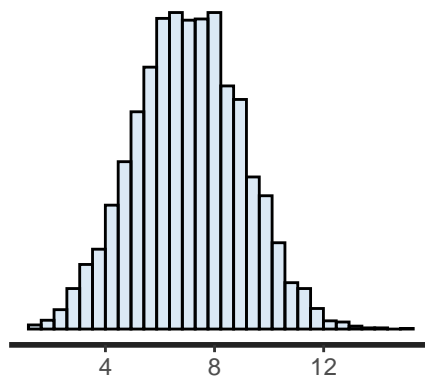
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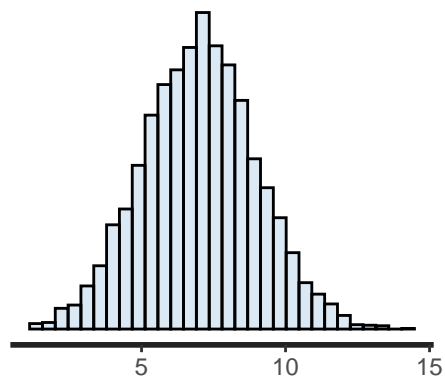
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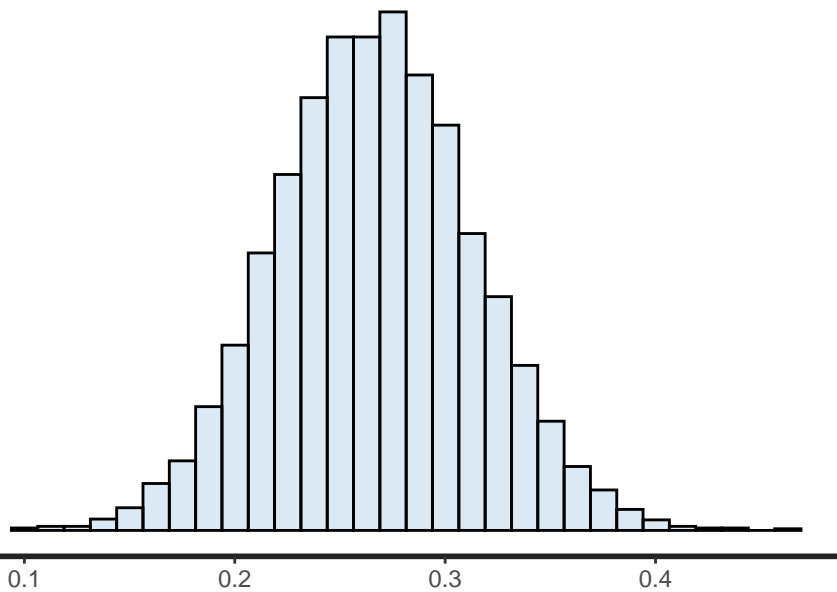
**len\_inter[10]**



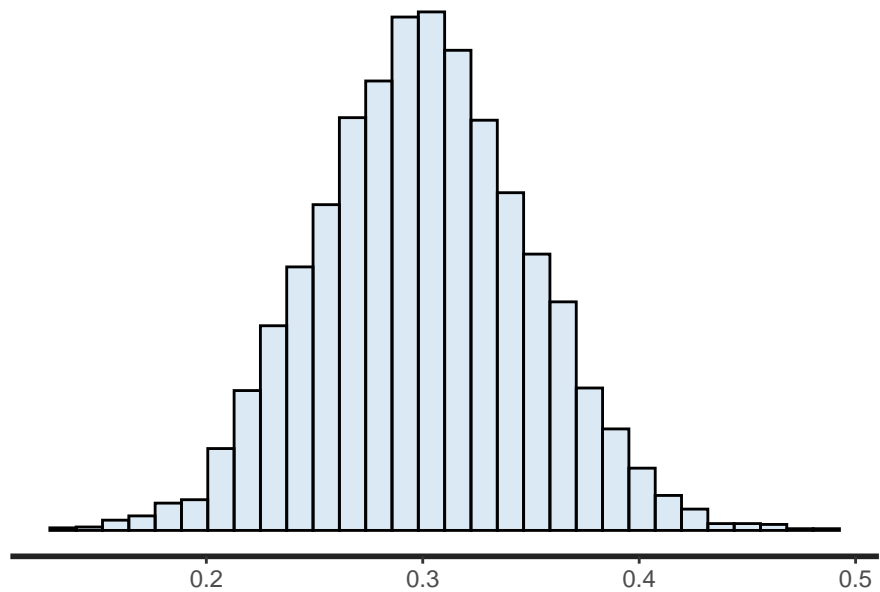
**len\_inter[11]**



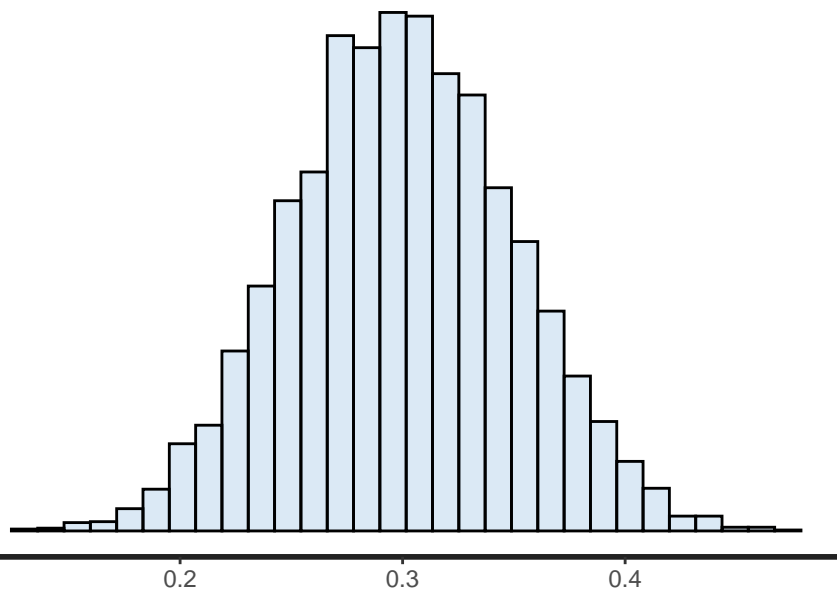
**frac\_PUI[1]**



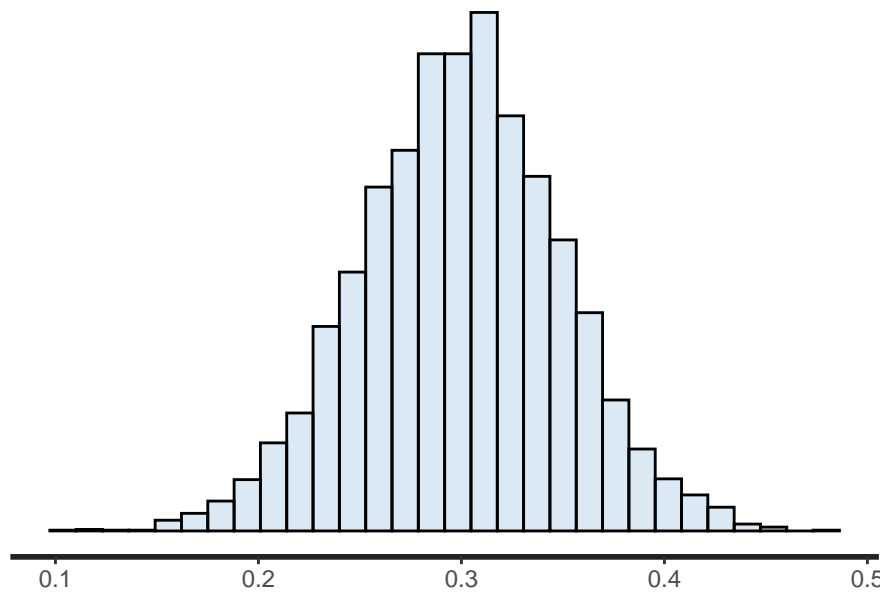
**frac\_PUI[2]**

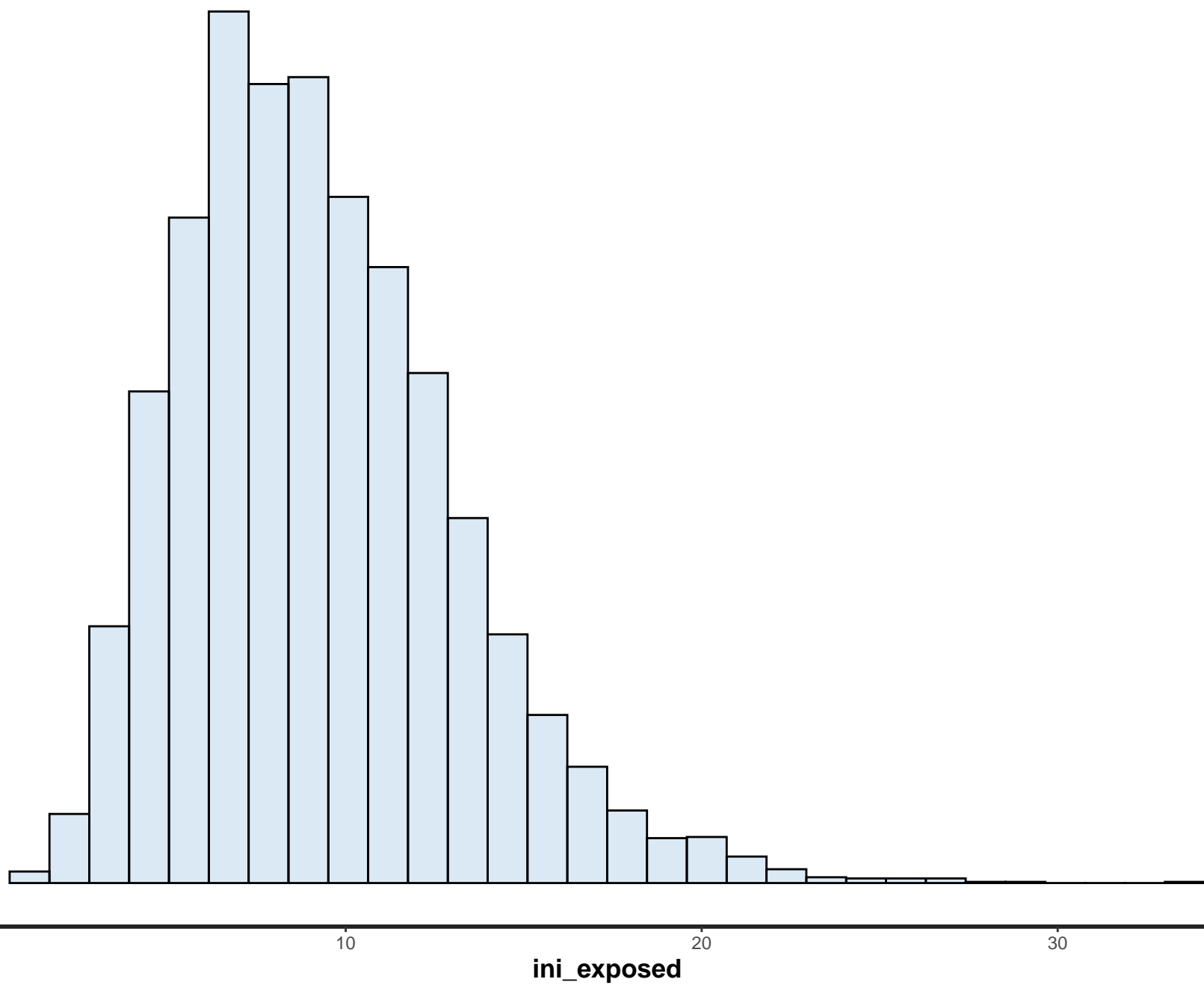


**frac\_PUI[3]**

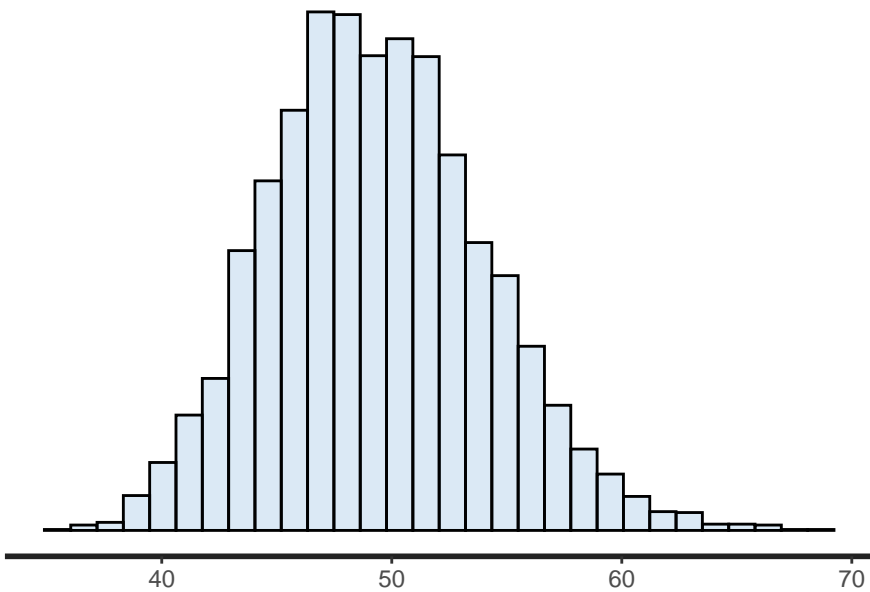


**frac\_PUI[4]**

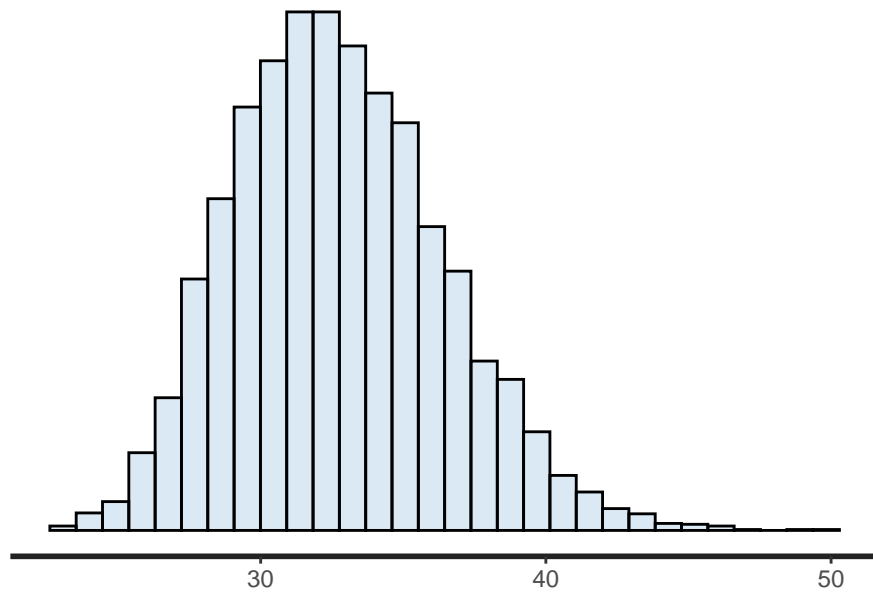




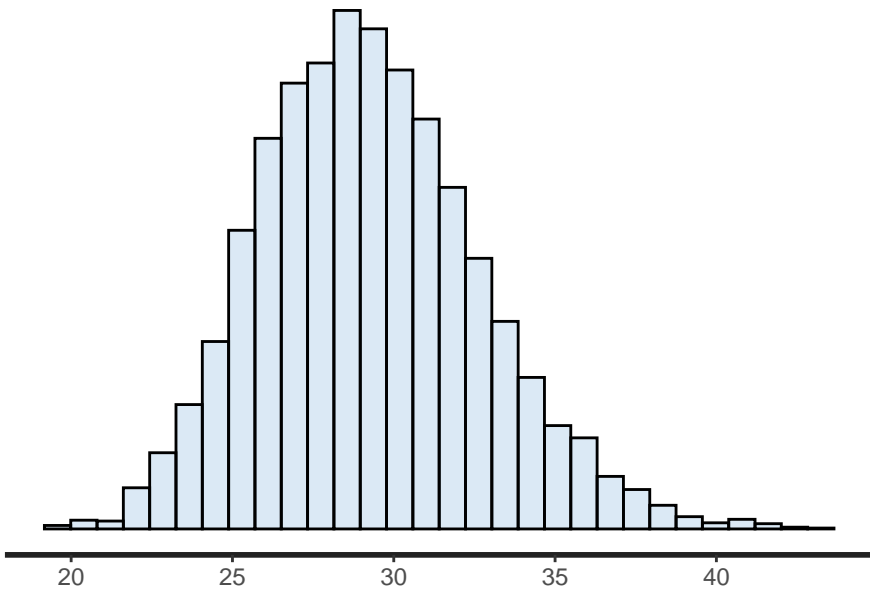
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

