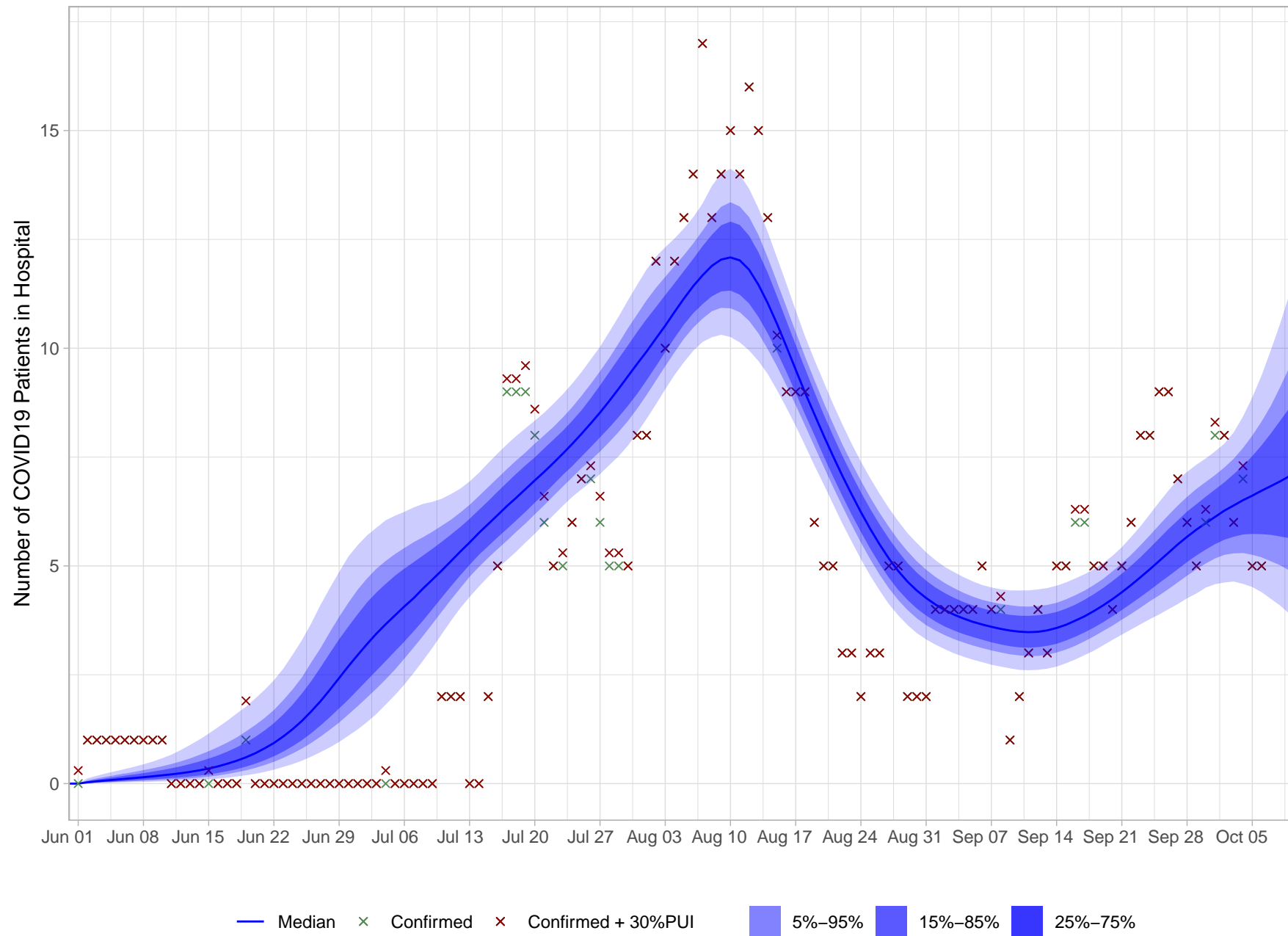
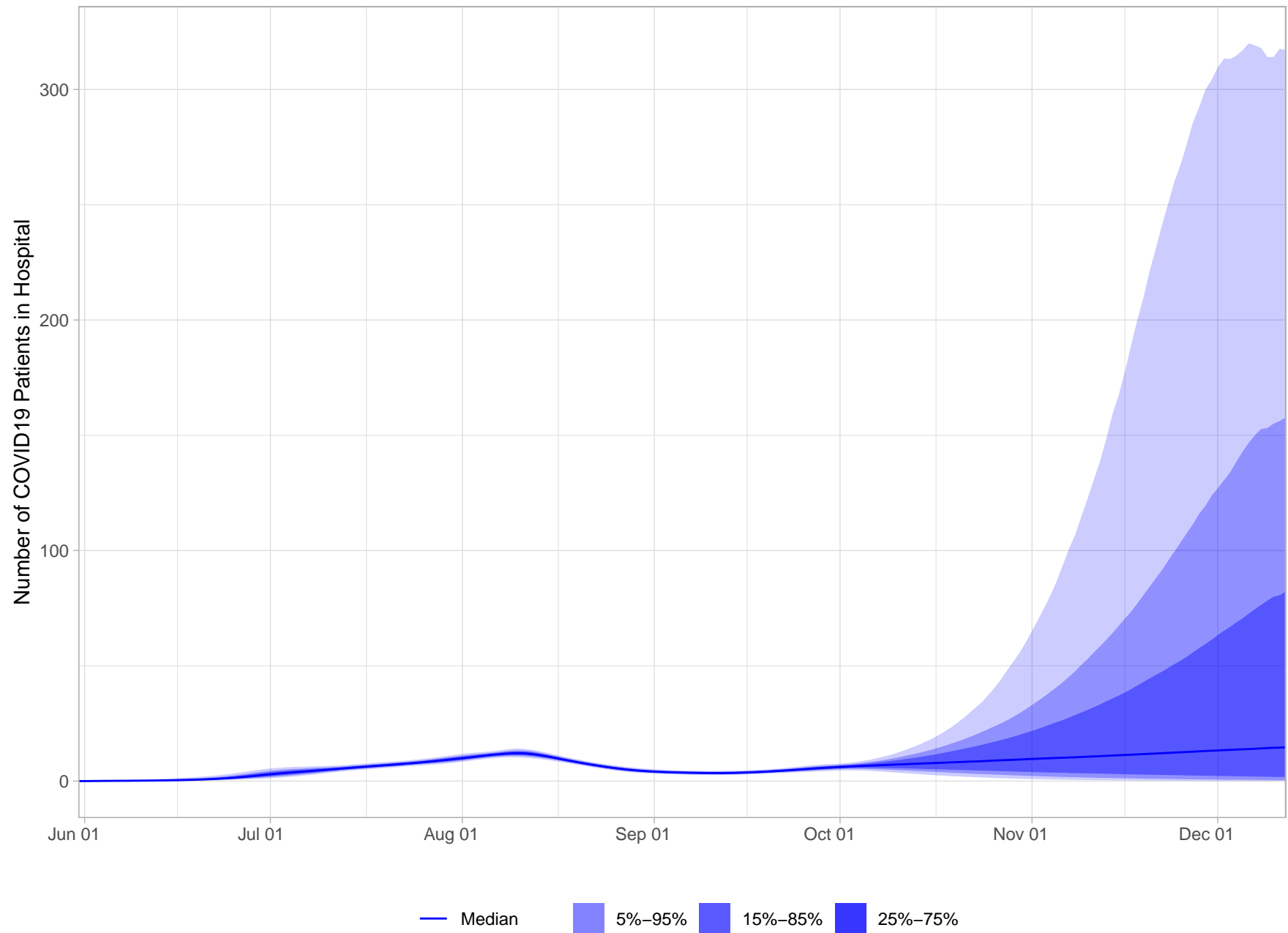


# Short Term Hospitalization Projection

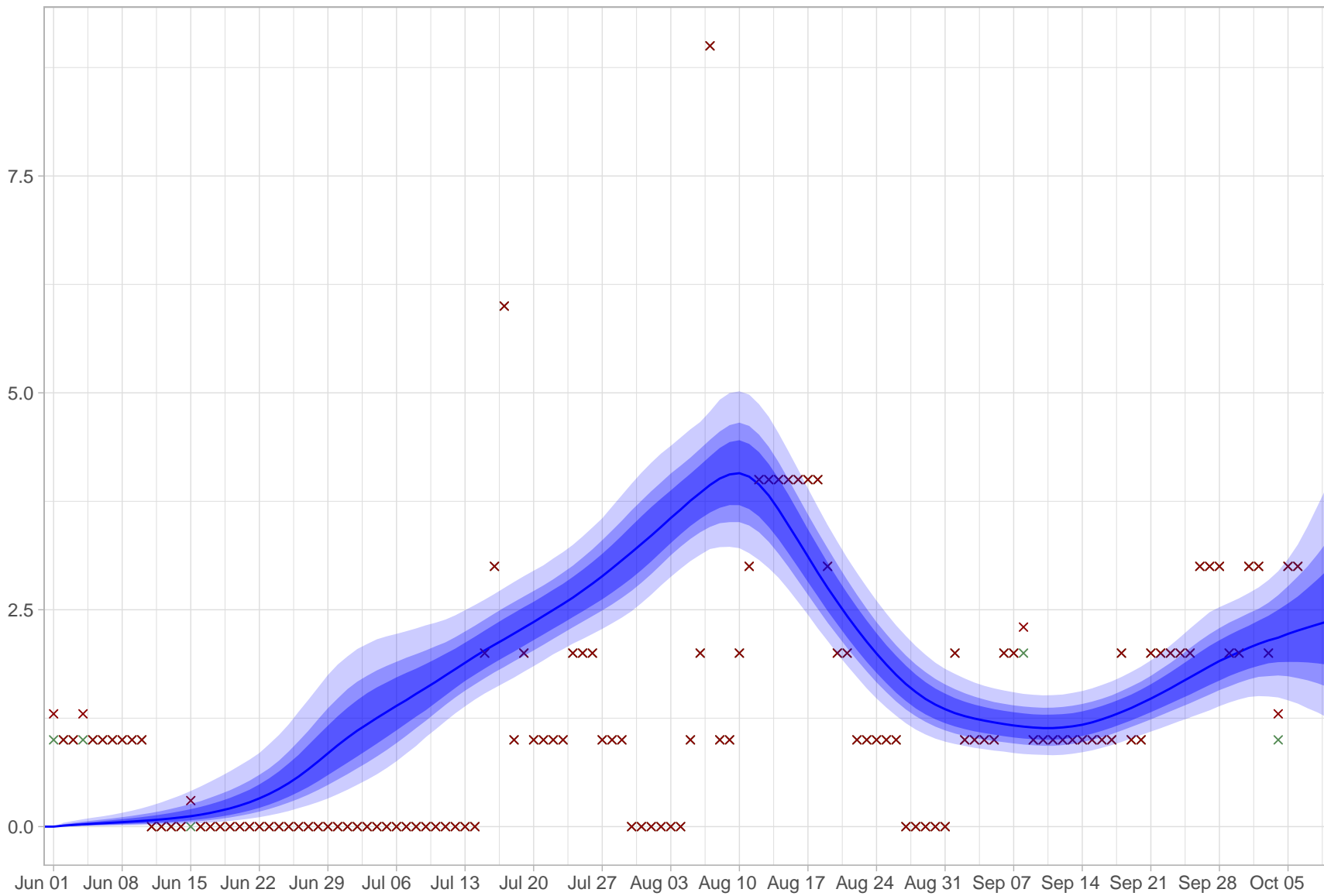


# Long Term Hospitalization Projection



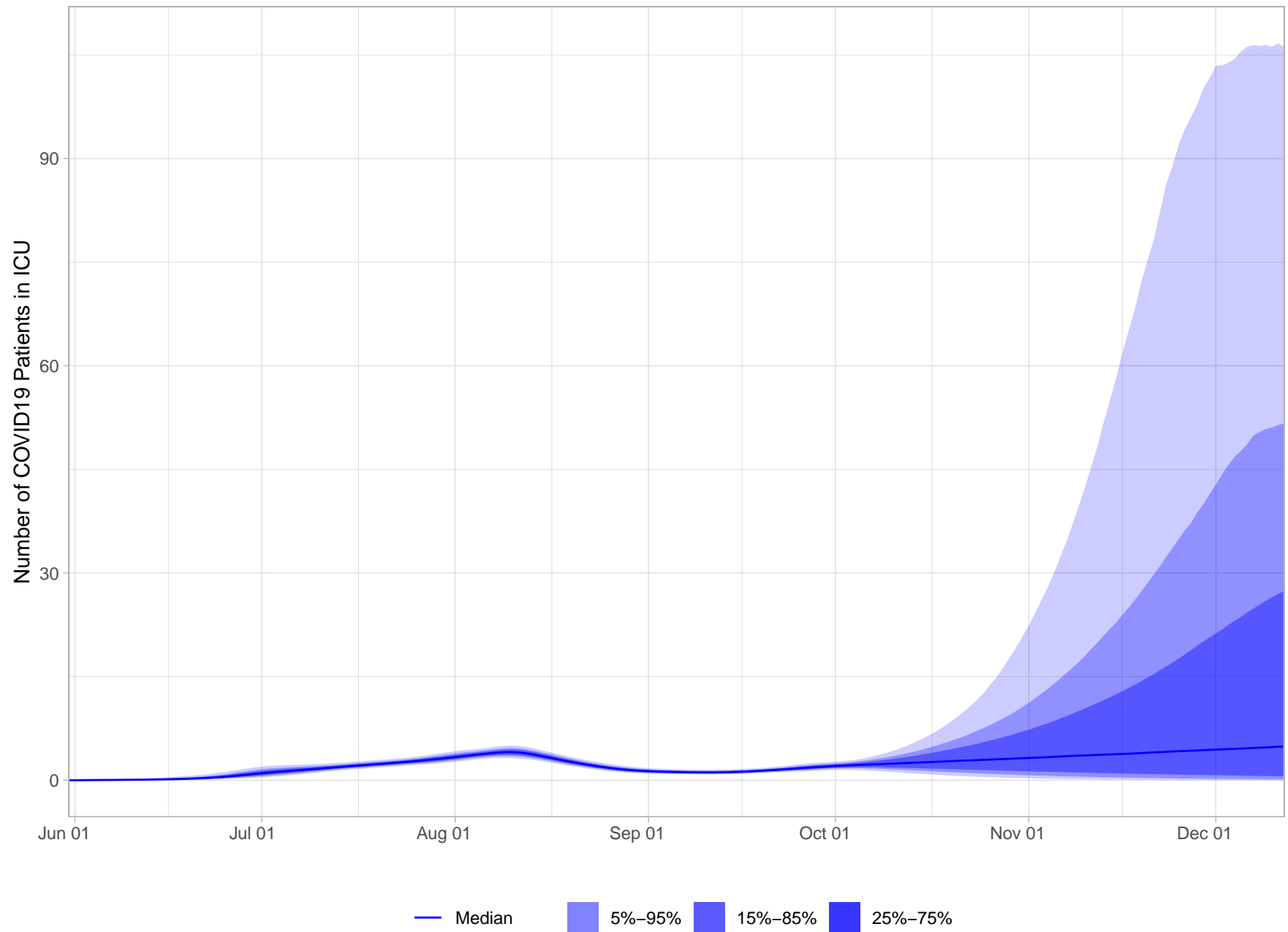
# Short Term ICU Projection

Number of COVID19 Patients in ICU

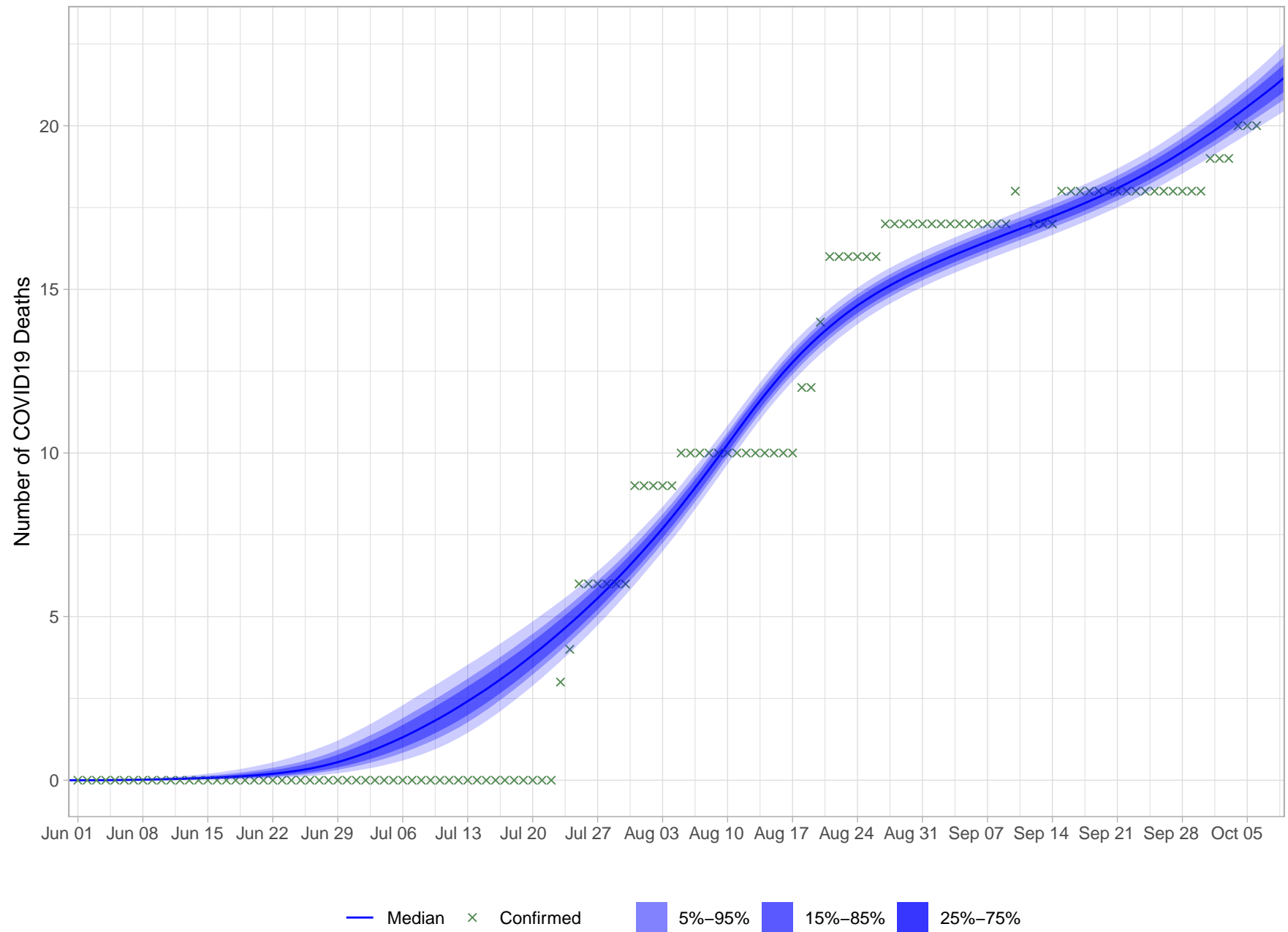


— Median    x Confirmed    x Confirmed + 30%PUI    5%–95%    15%–85%    25%–75%

# Long Term ICU Projection

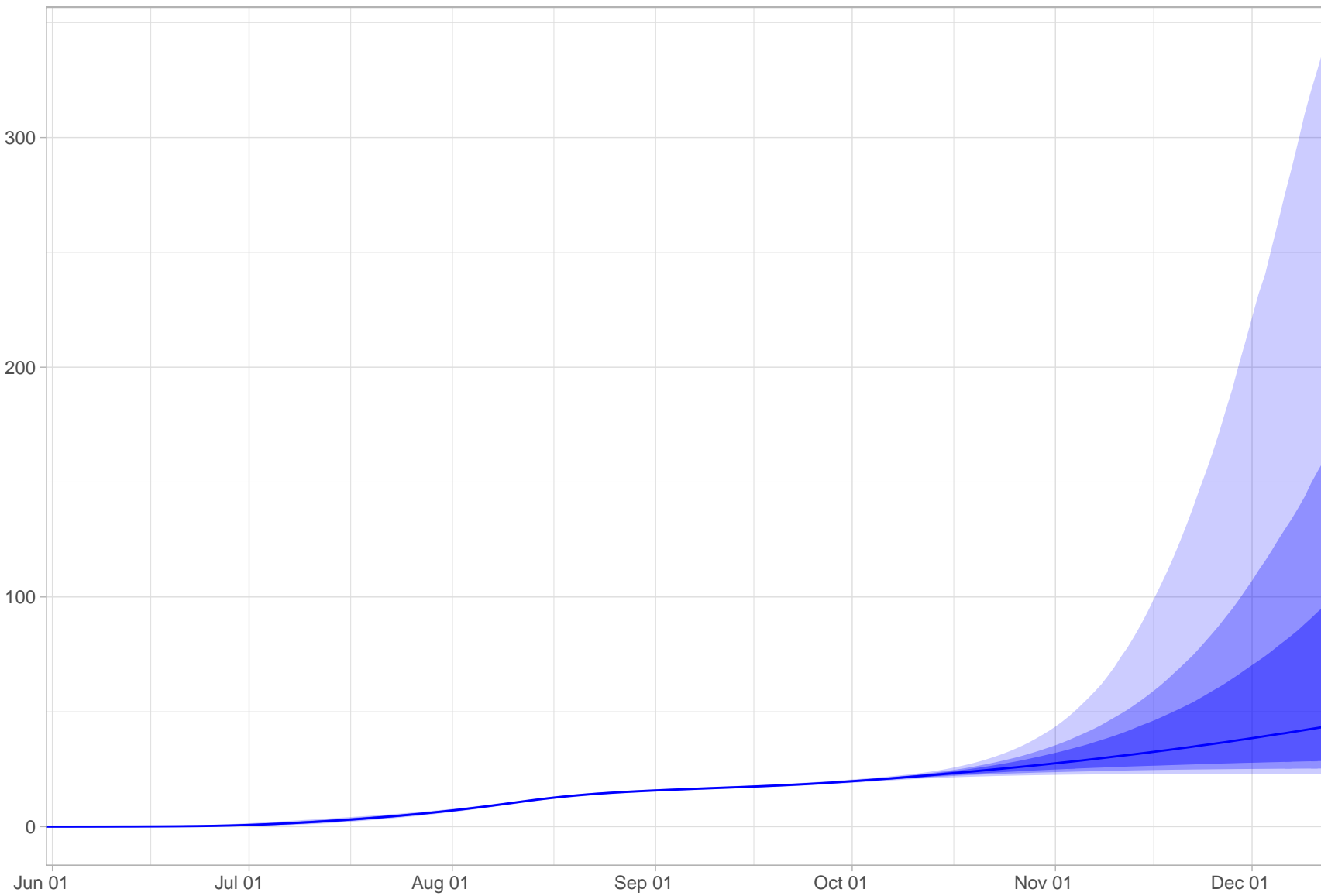


# Short Term Death Projection



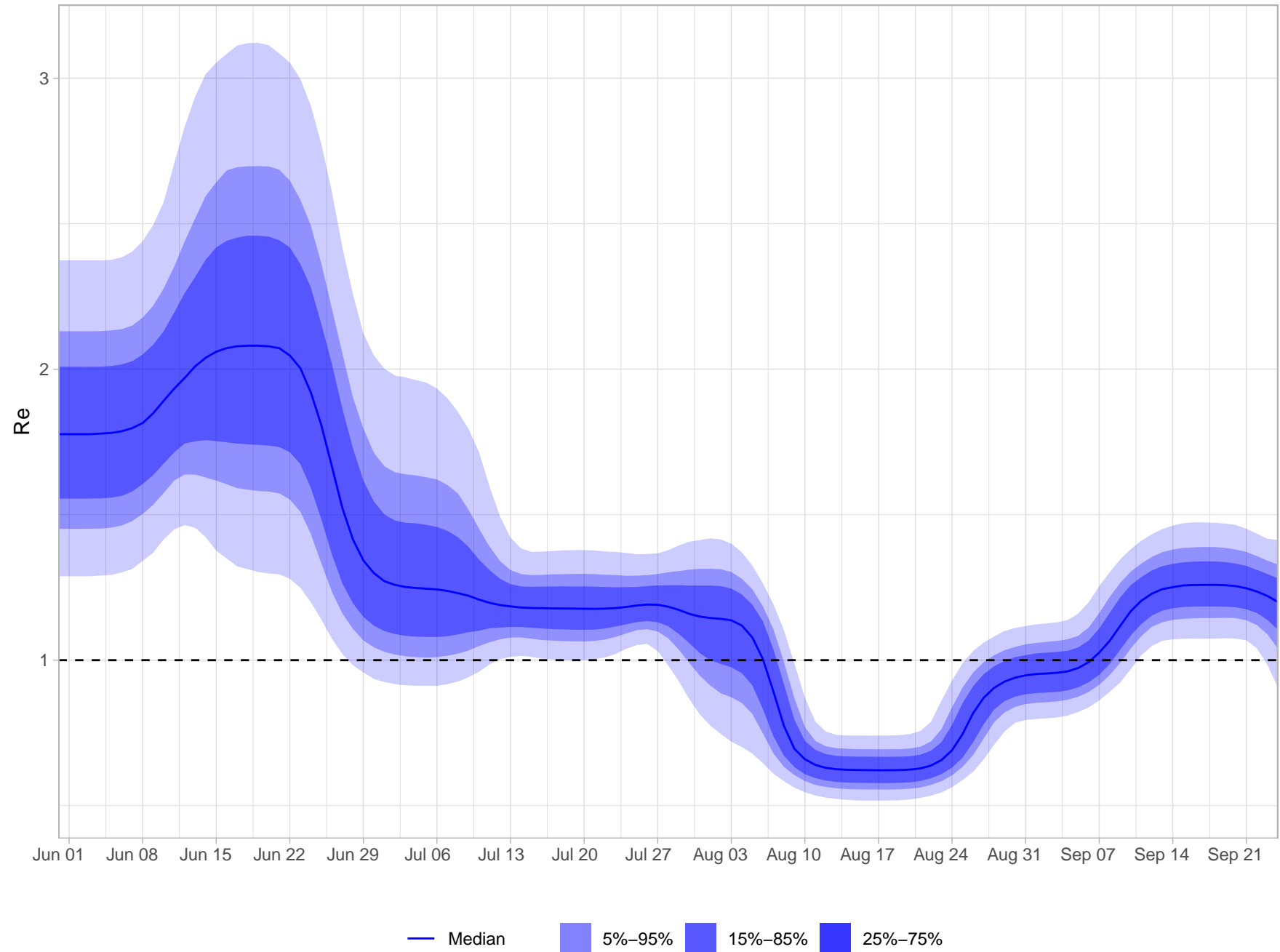
# Long Term Death Projection

Number of COVID19 Deaths



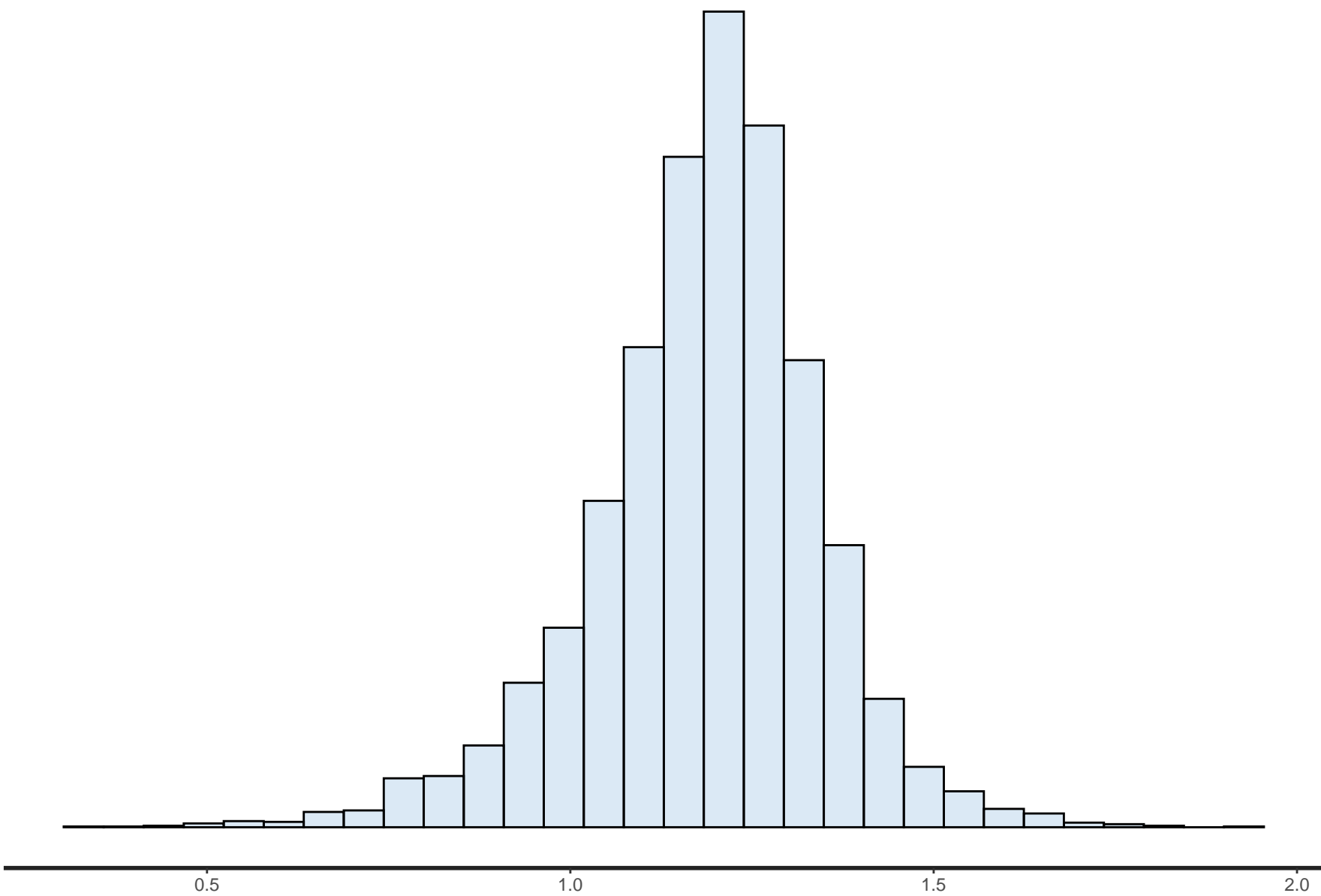
— Median    5%-95%    15%-85%    25%-75%

# Effective Reproduction Number

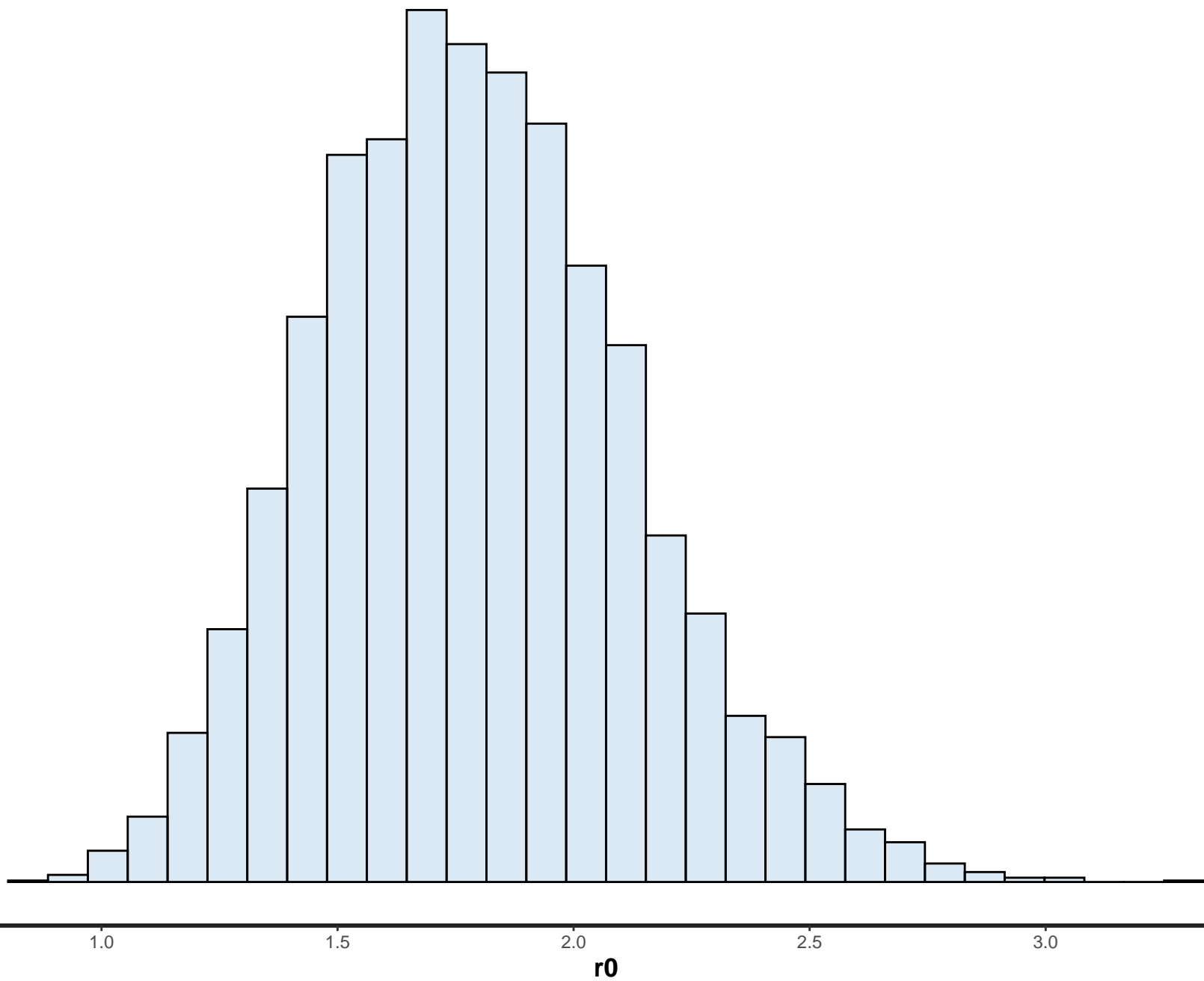


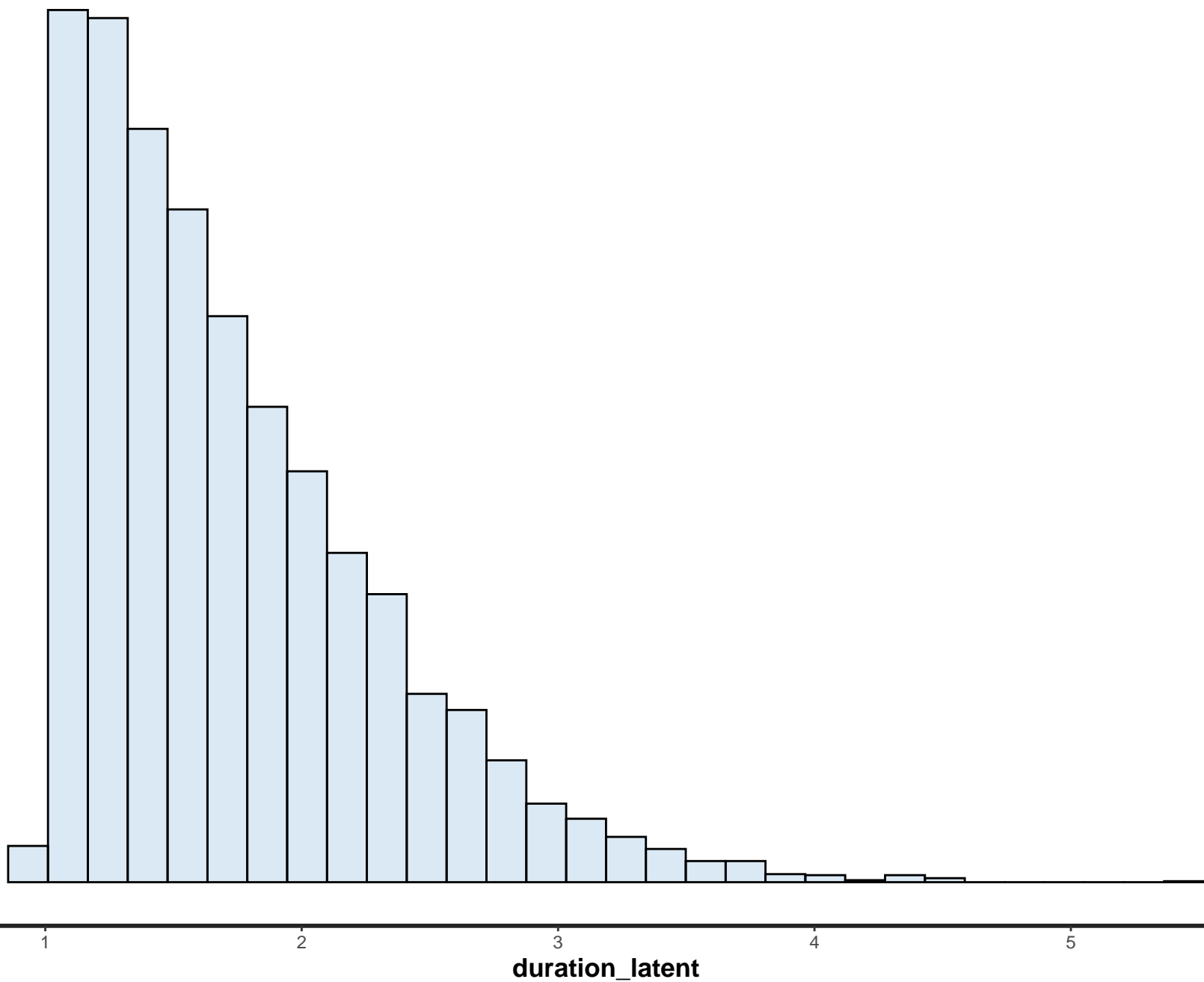
# Rt as of 2020-09-24

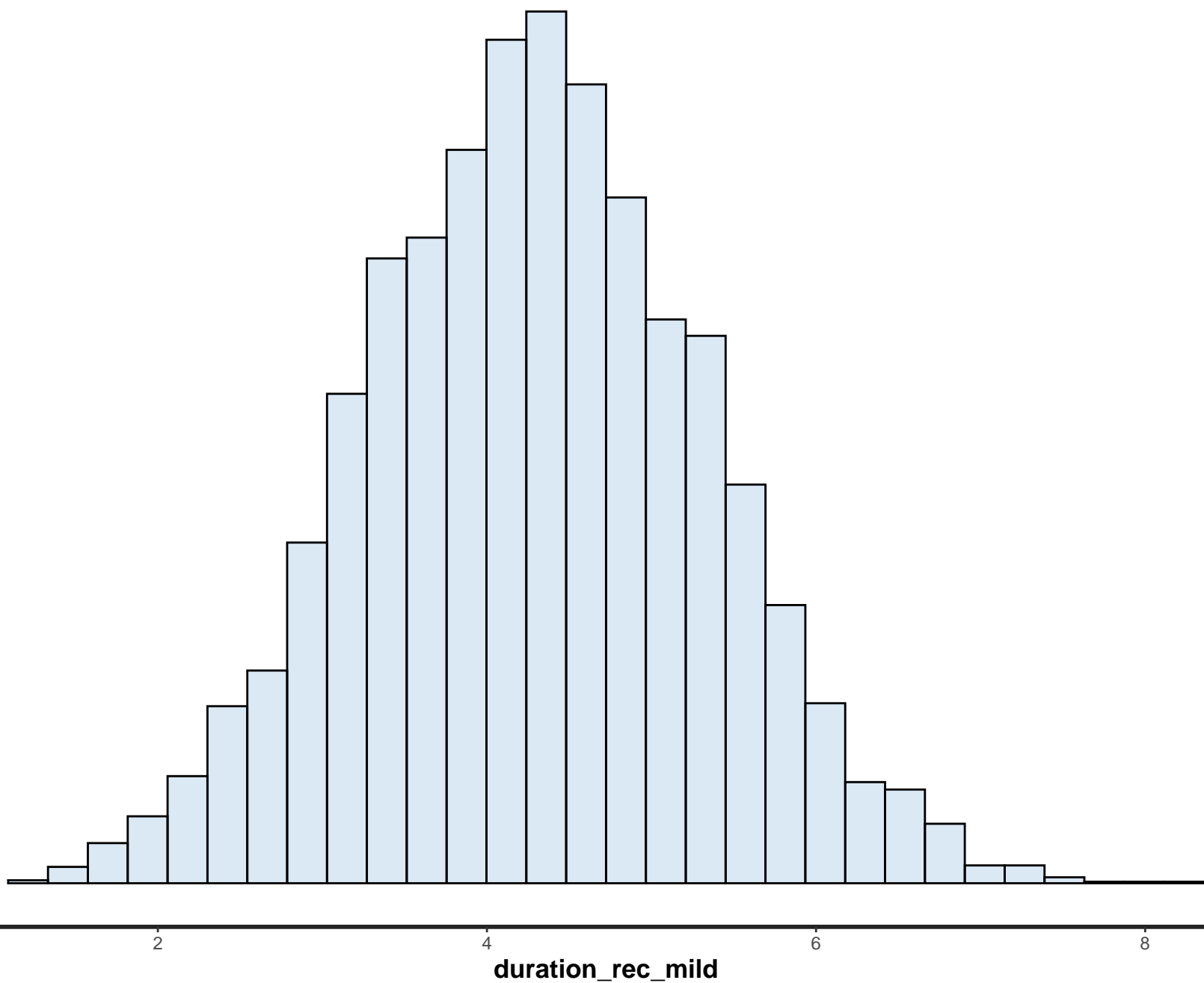
5% 10% 25% 50% 75% 90% 95%  
0.91 0.99 1.10 1.20 1.28 1.36 1.41

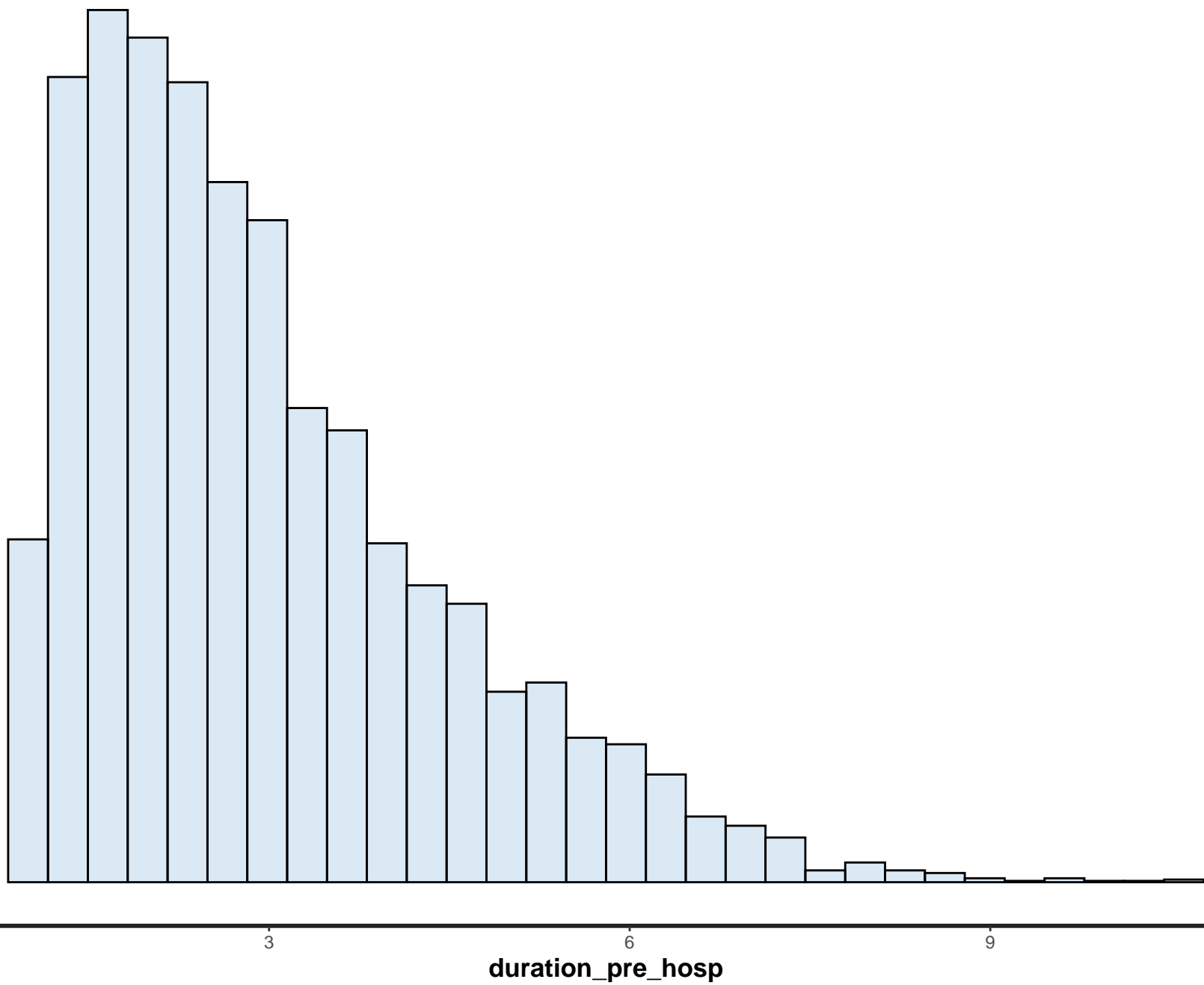


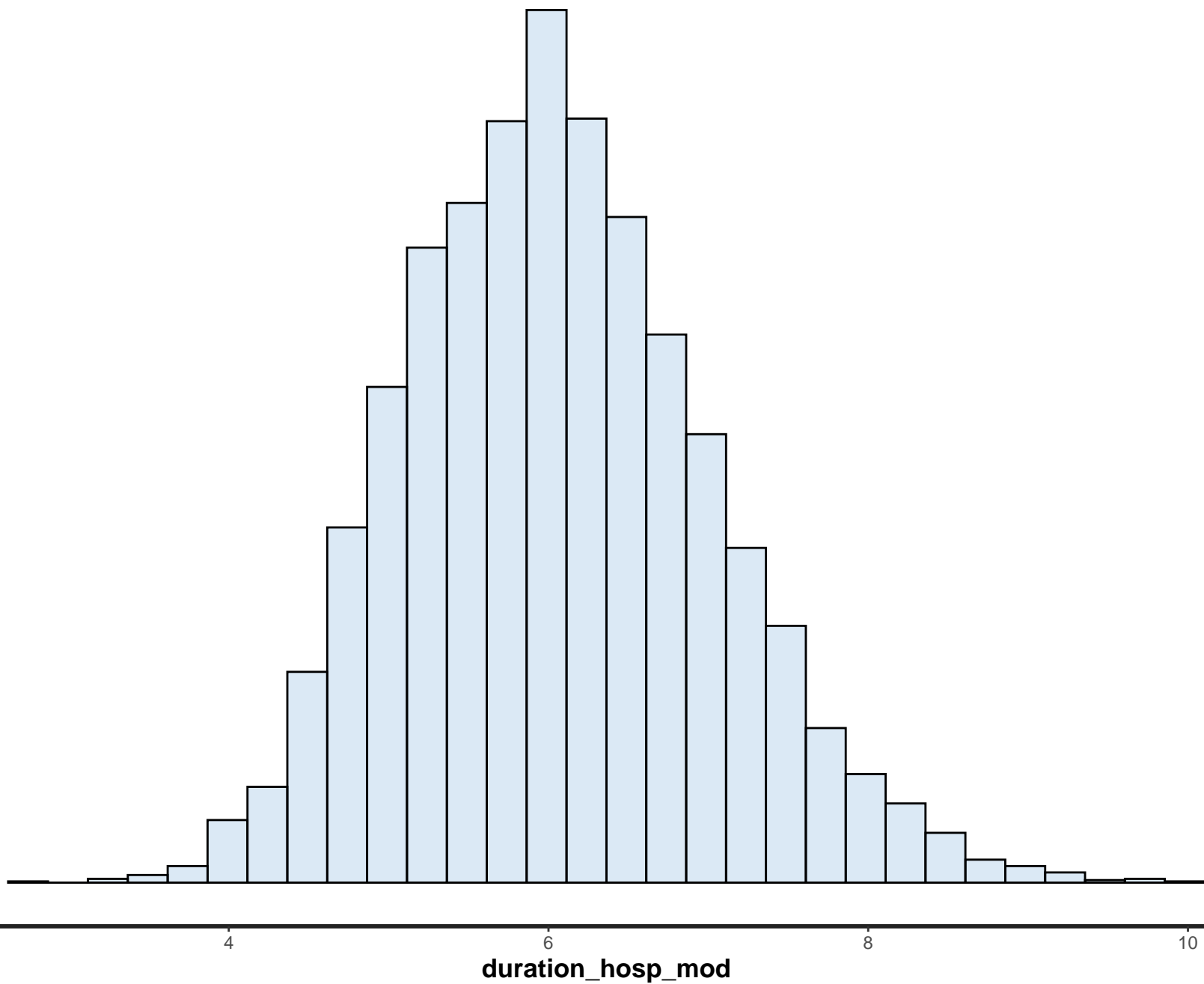


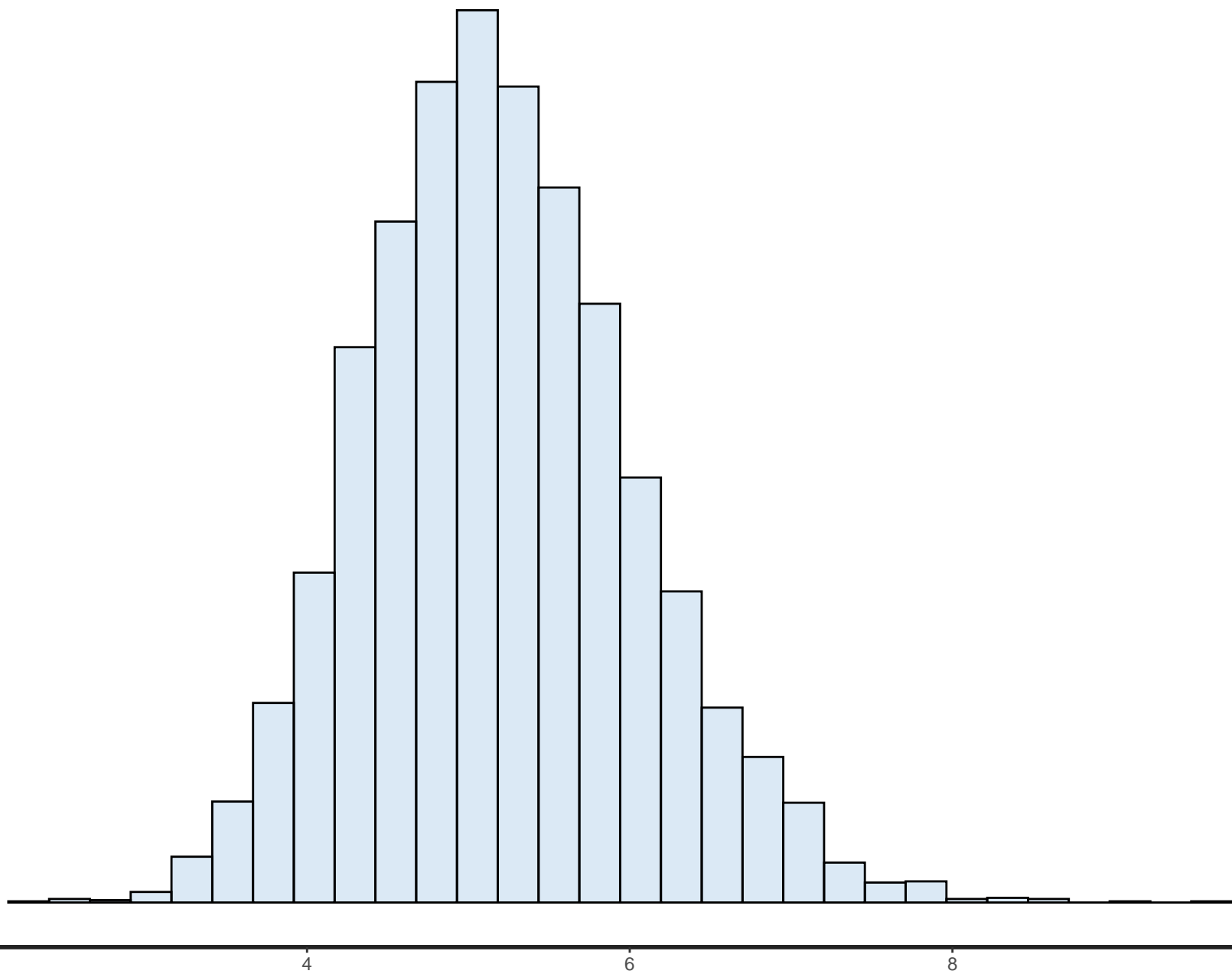


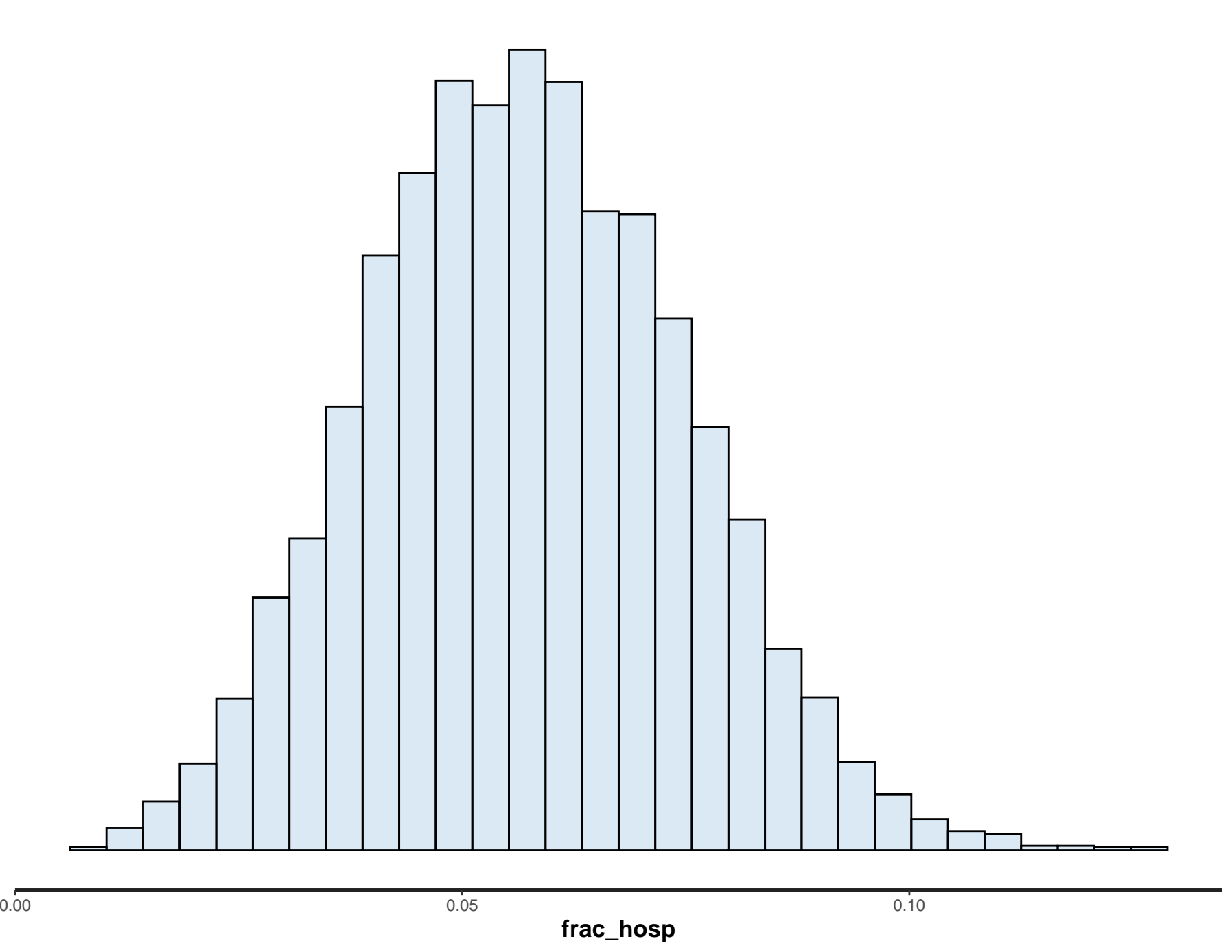


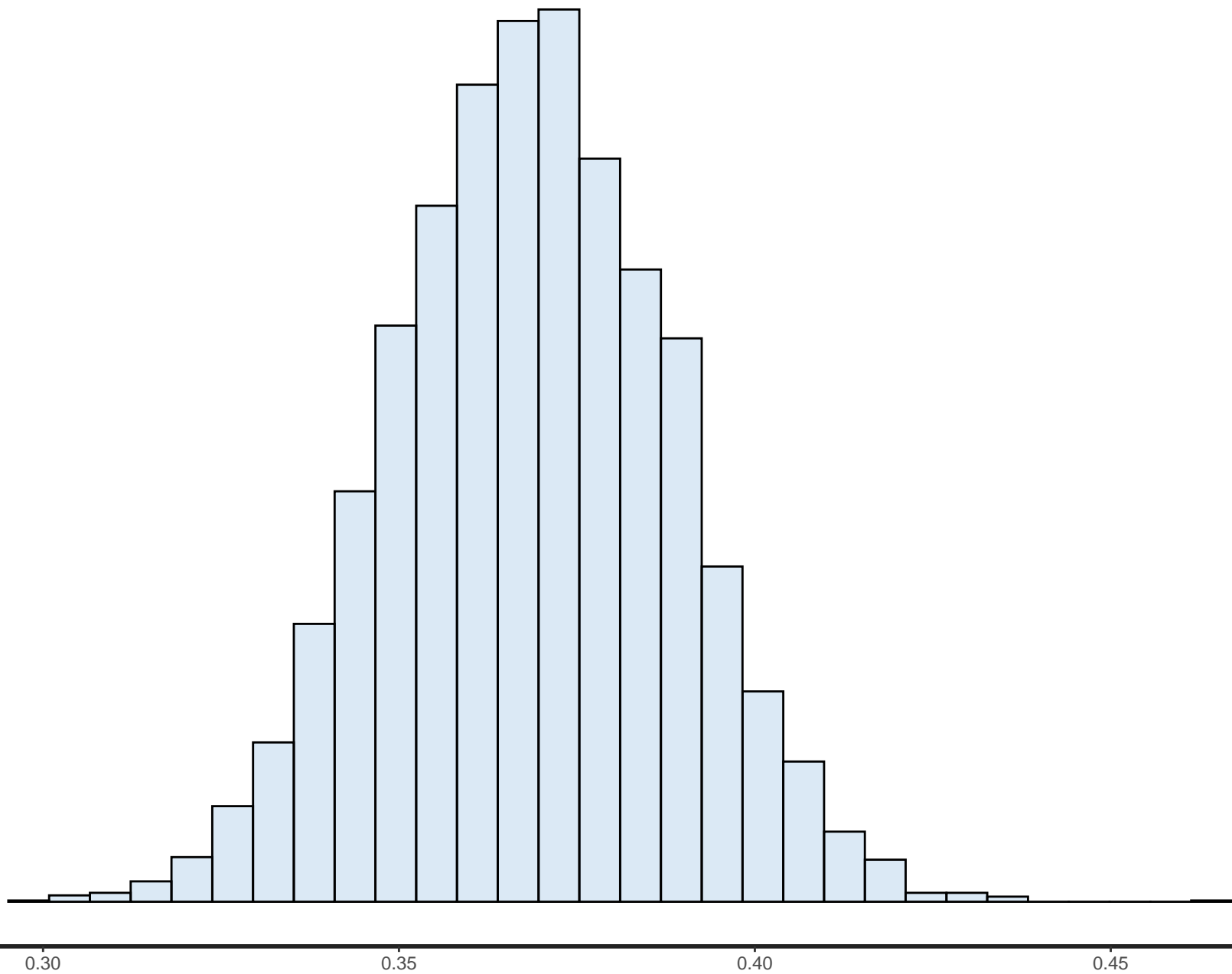




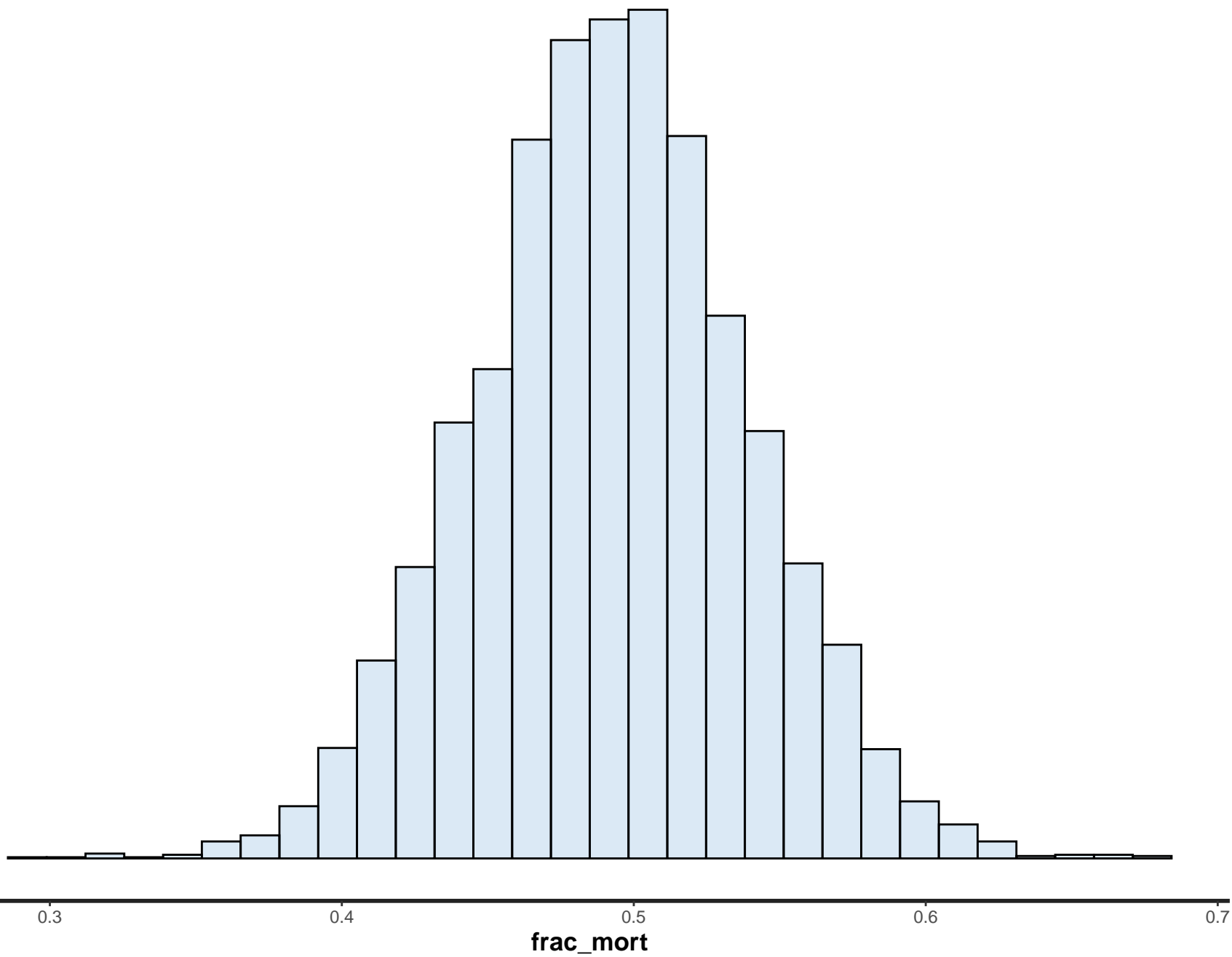




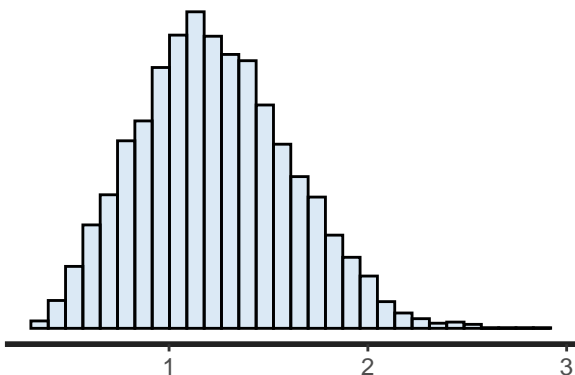




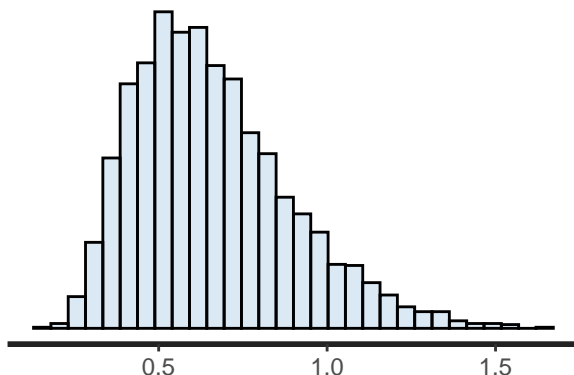




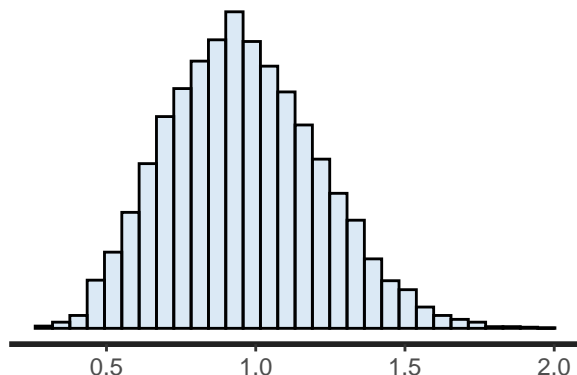
**beta\_multiplier[1]**



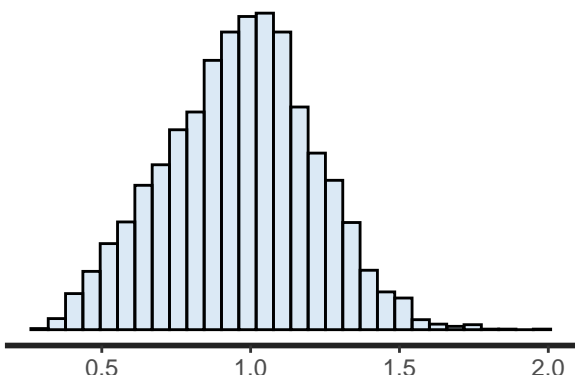
**beta\_multiplier[2]**



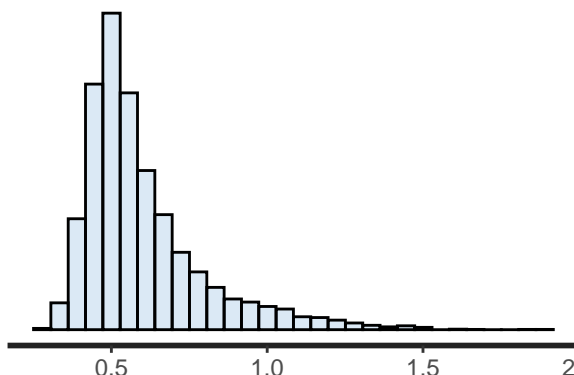
**beta\_multiplier[3]**



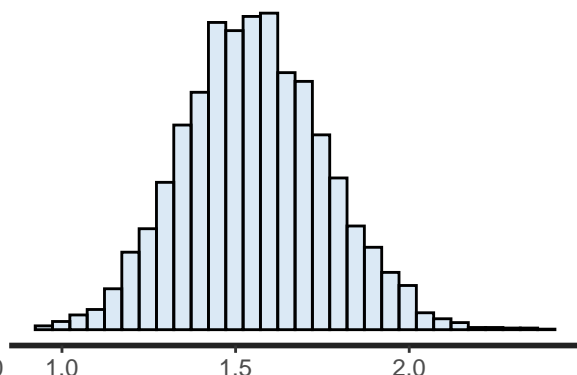
**beta\_multiplier[4]**



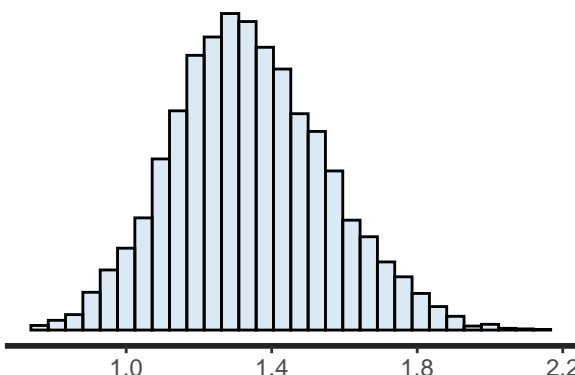
**beta\_multiplier[5]**



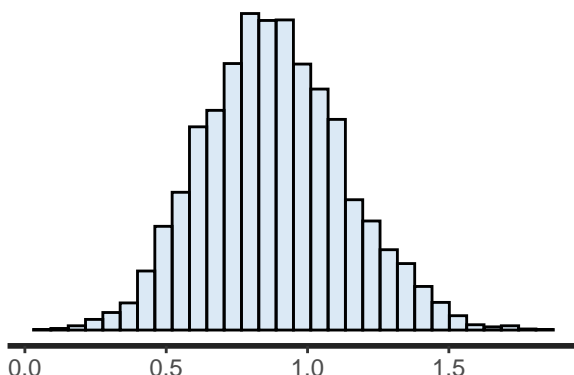
**beta\_multiplier[6]**



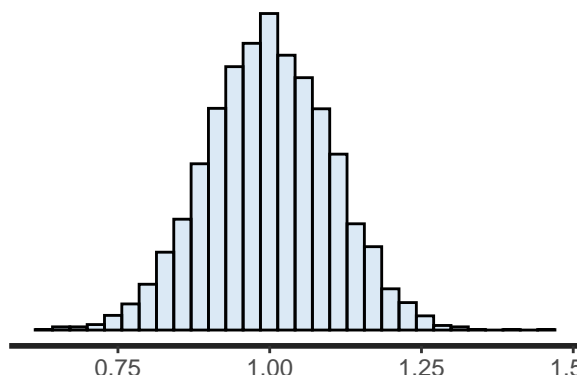
**beta\_multiplier[7]**



**beta\_multiplier[8]**



**beta\_multiplier[9]**



**t\_inter[1]**

Jun 01 Jun 08 Jun 15

**t\_inter[2]**

Jun 22 Jun 29

**t\_inter[3]**

Jul 06 Jul 13

**t\_inter[4]**

Jul 20 Jul 27

**t\_inter[5]**

Aug 03 Aug 10

**t\_inter[6]**

Aug 17 Aug 24

**t\_inter[7]**

Aug 31 Sep 07 Sep 14

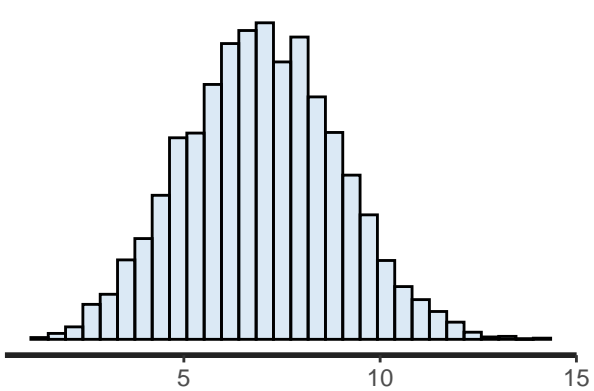
**t\_inter[8]**

Sep 21 Sep 28

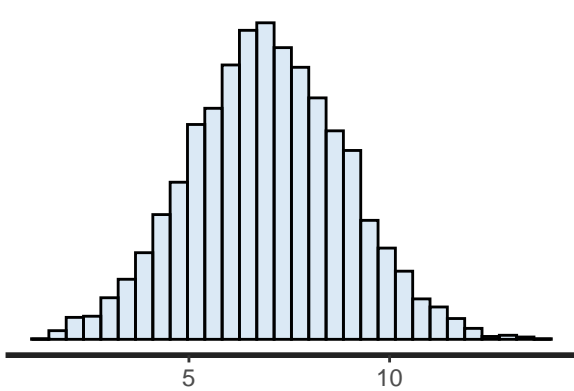
**t\_inter[9]**

Sep 28 Oct 05 Oct 12

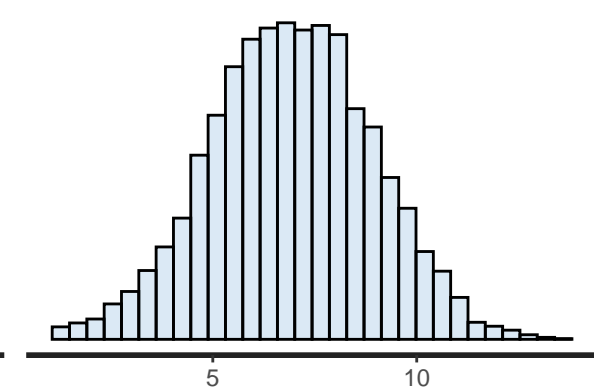
len\_inter[1]



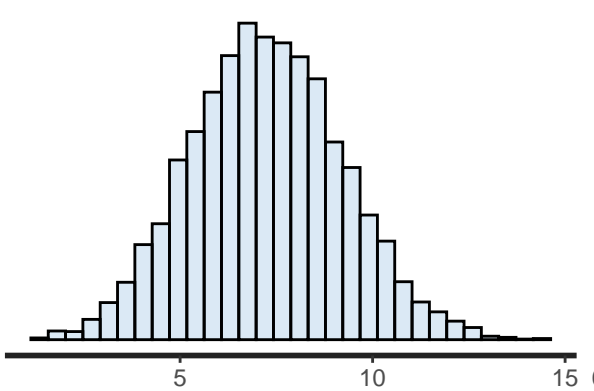
len\_inter[2]



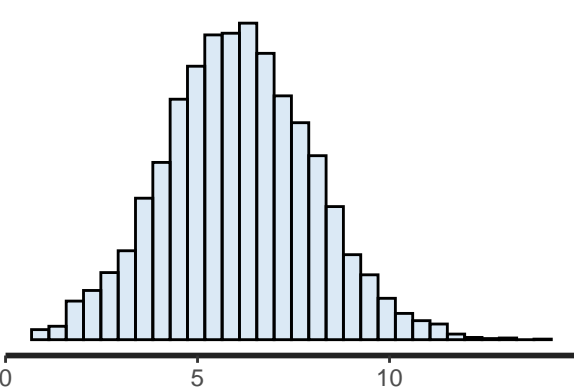
len\_inter[3]



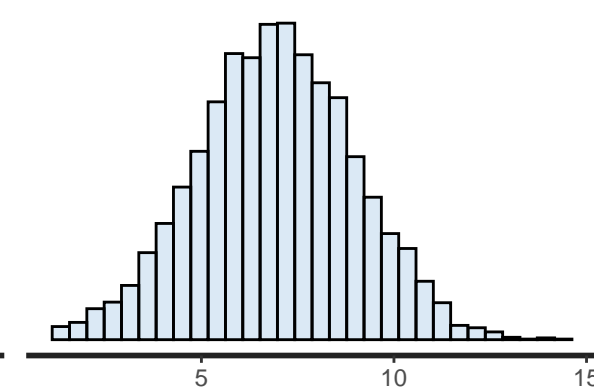
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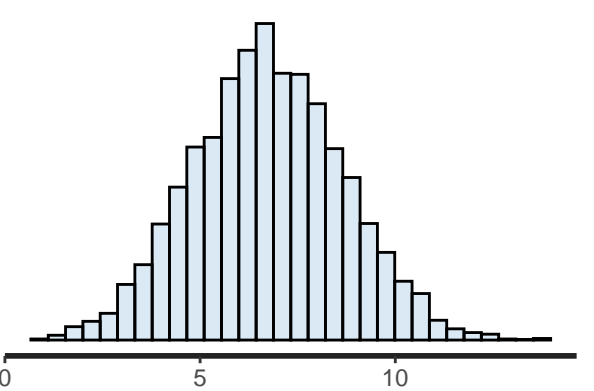
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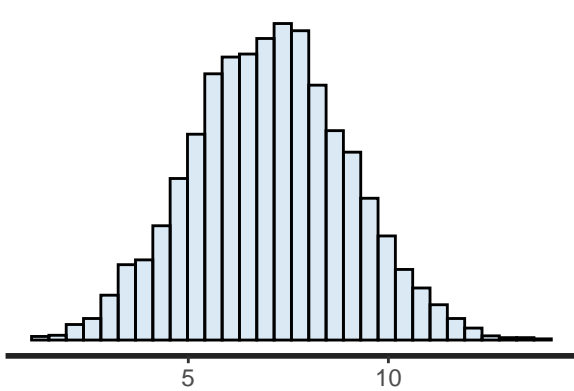
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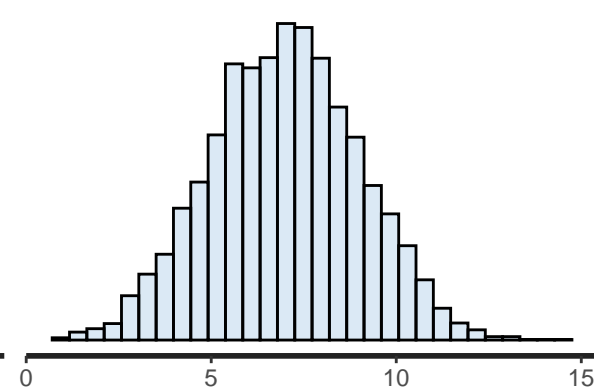
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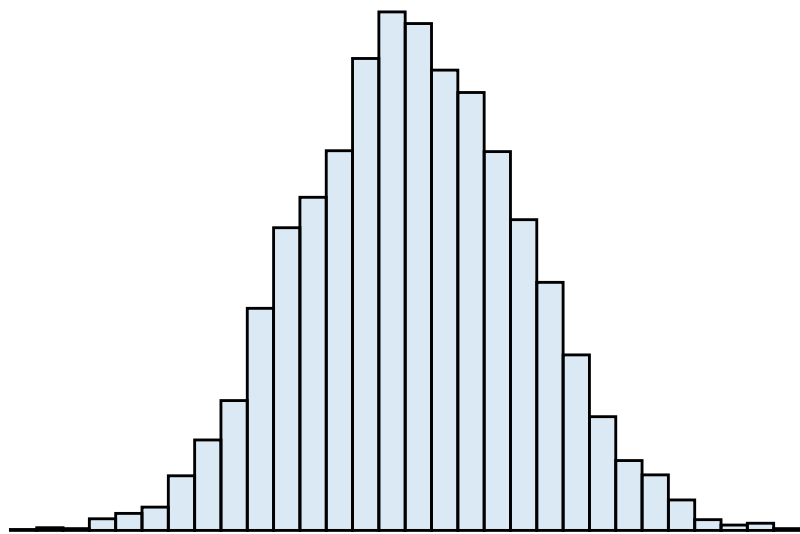
len\_inter[8]



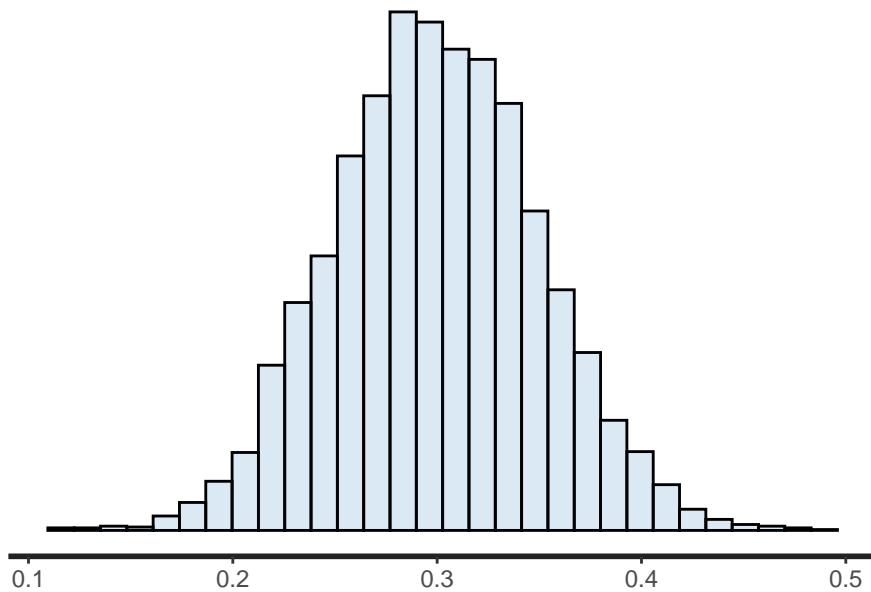
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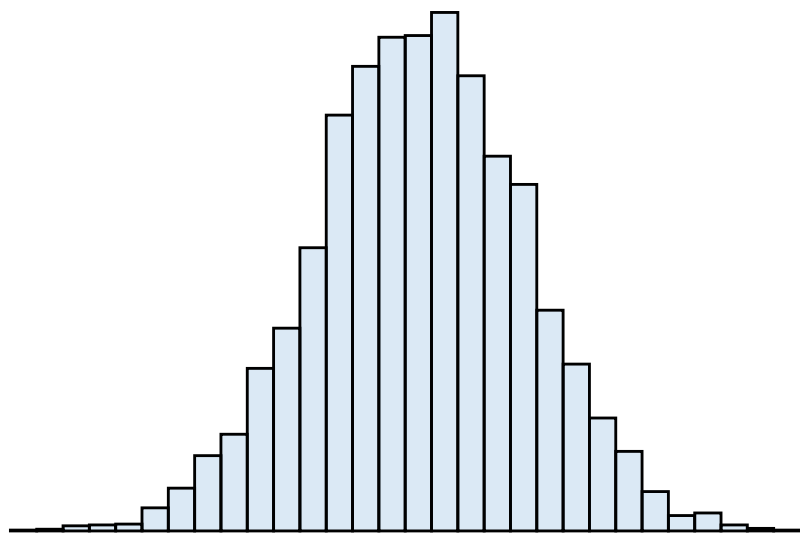
**frac\_PUI[1]**



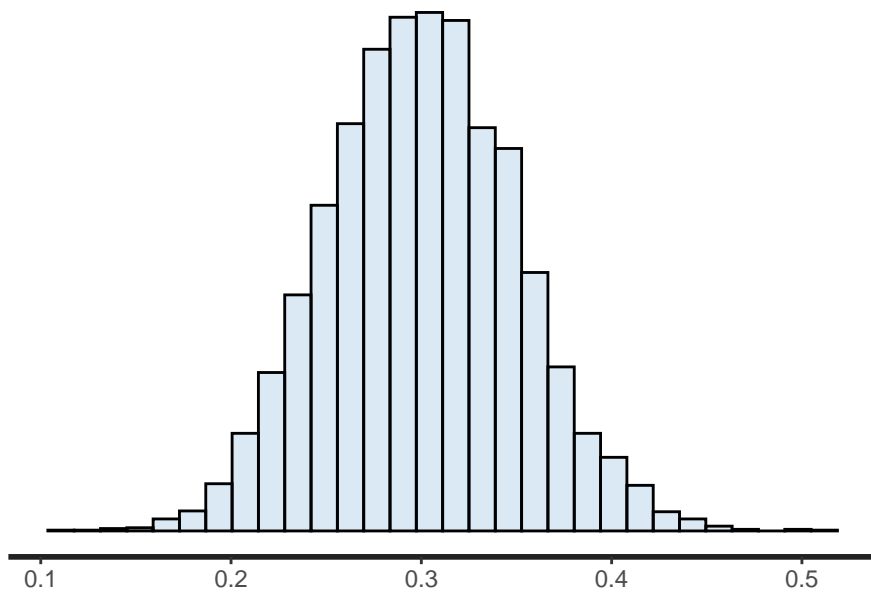
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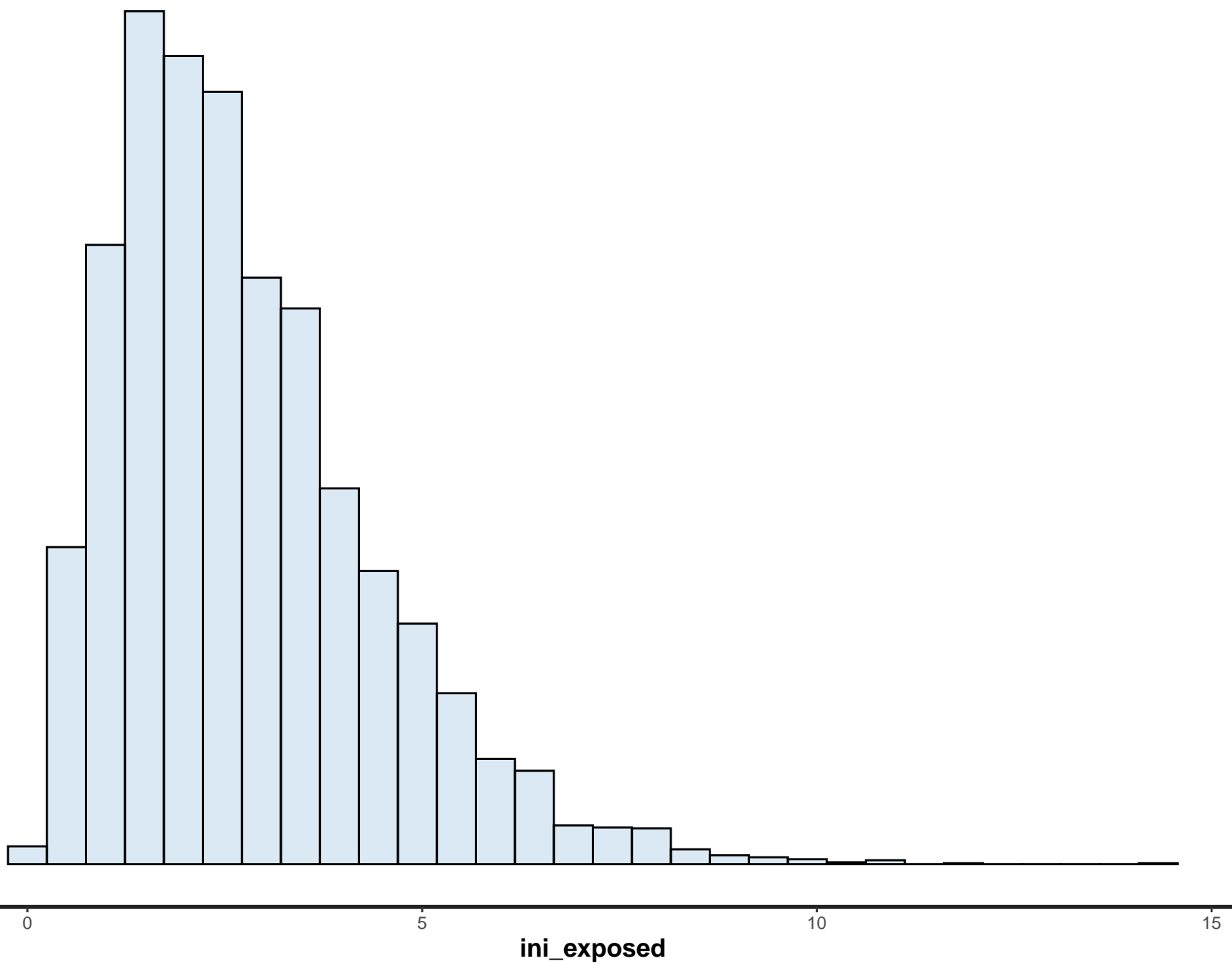


**frac\_PUI[3]**

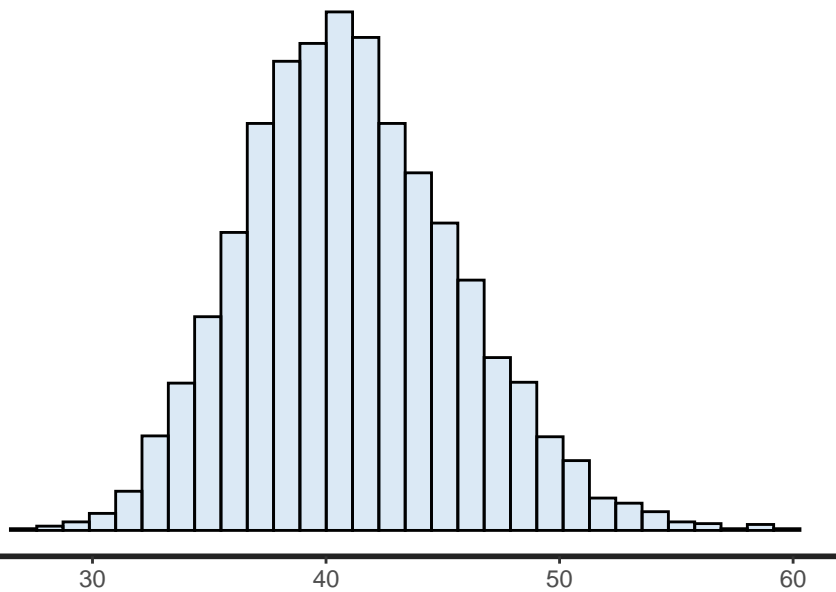


**frac\_PUI[4]**

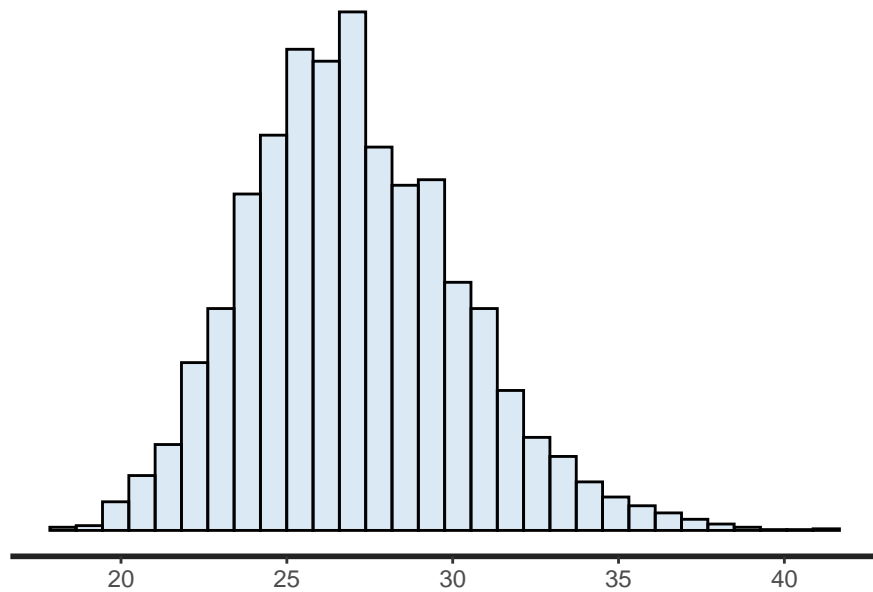




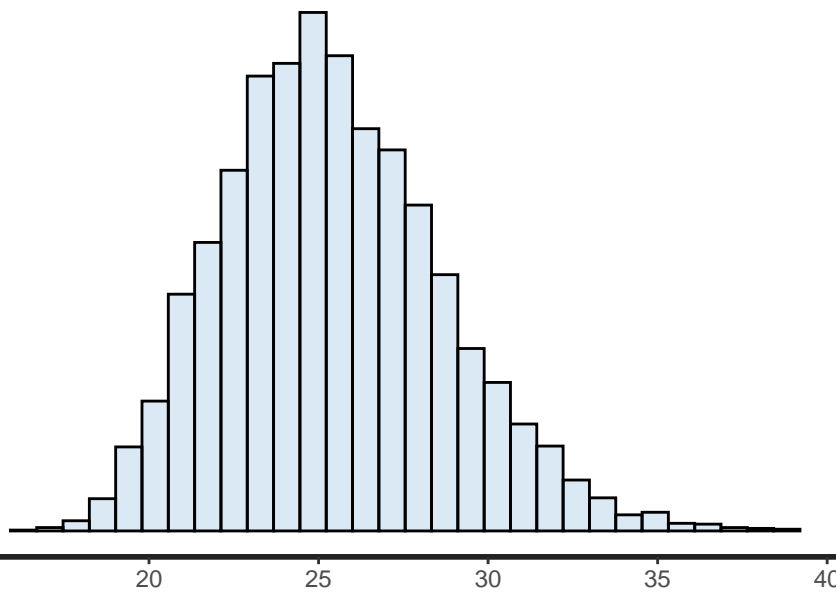
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

