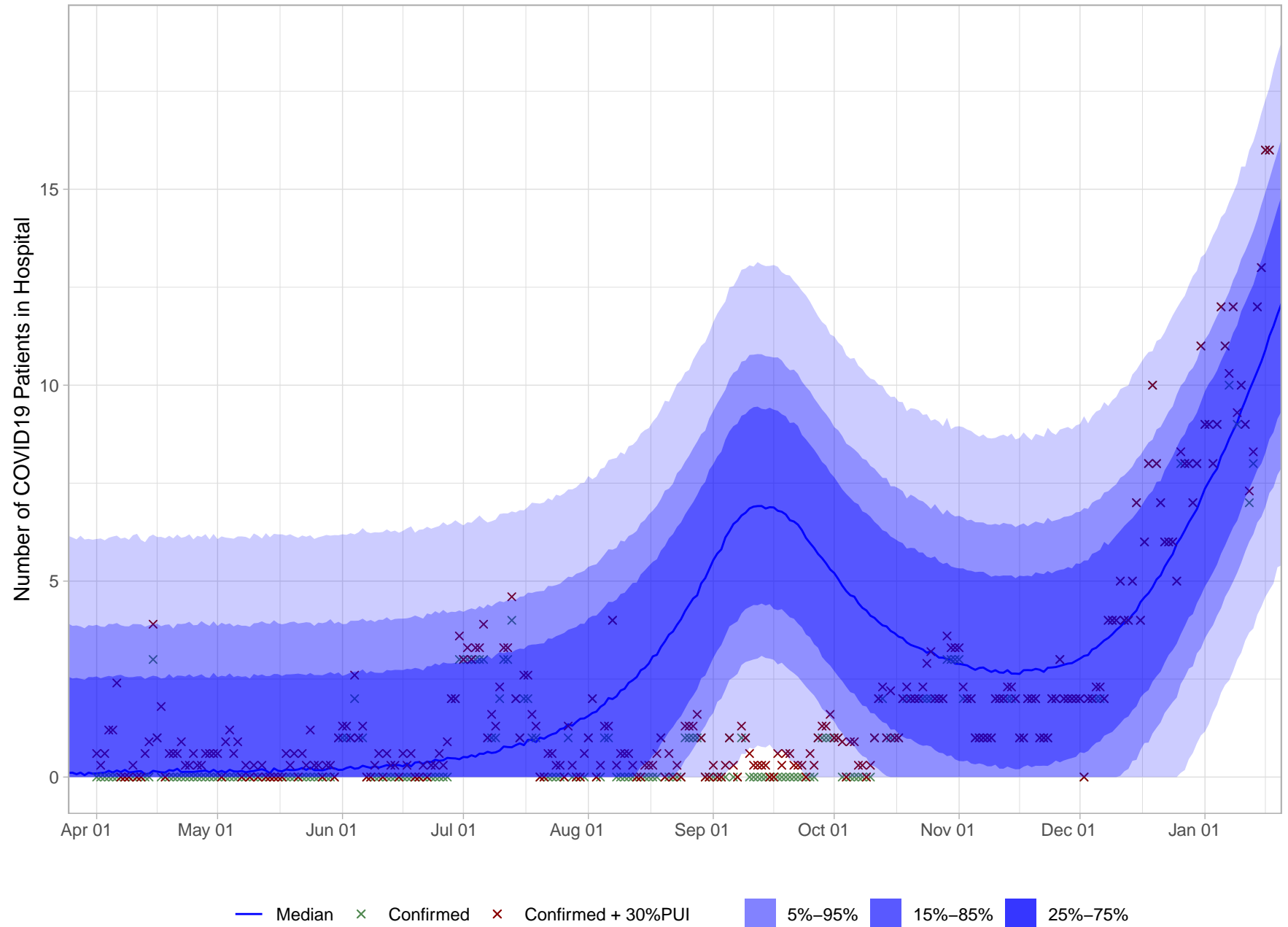
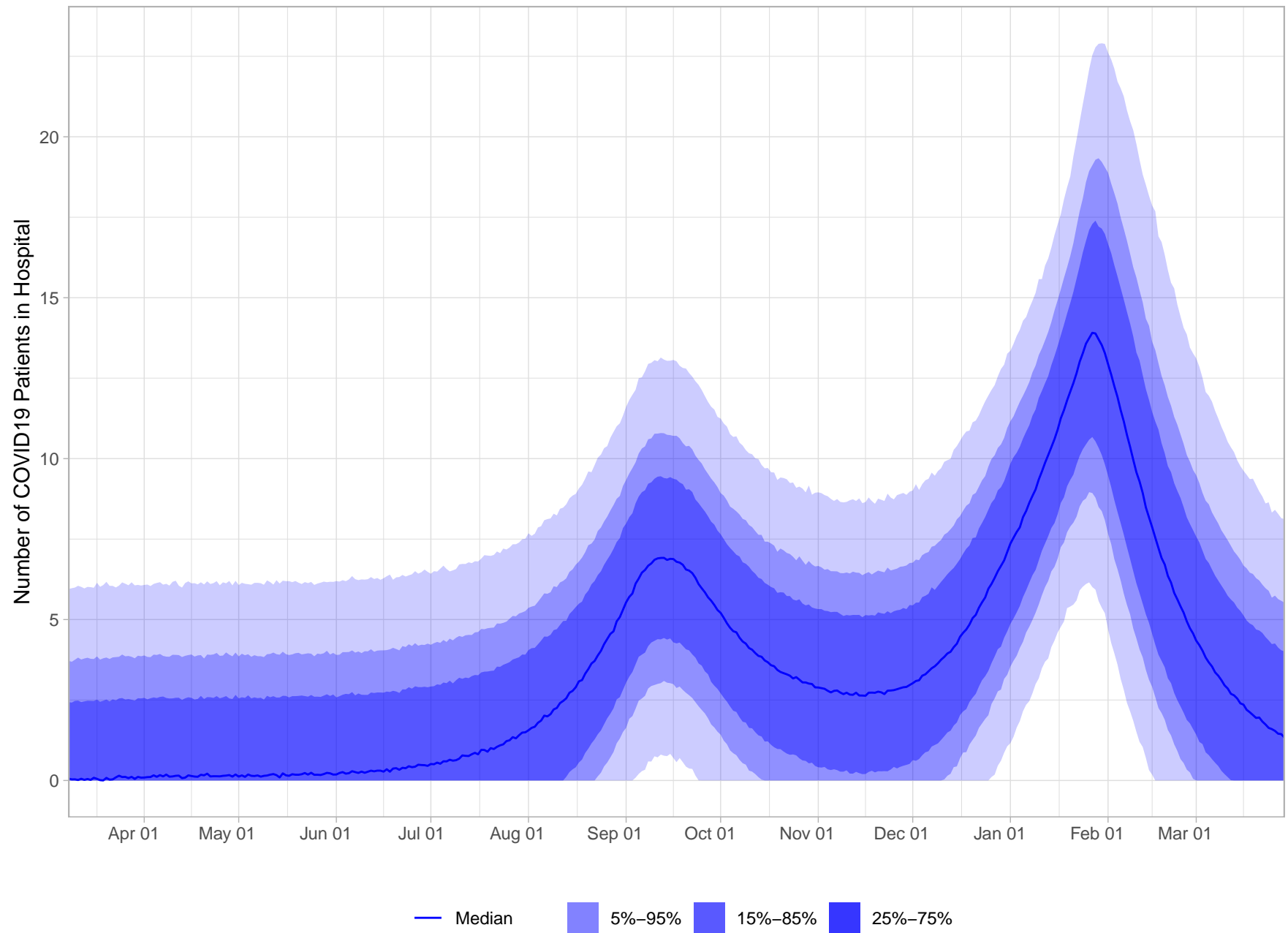


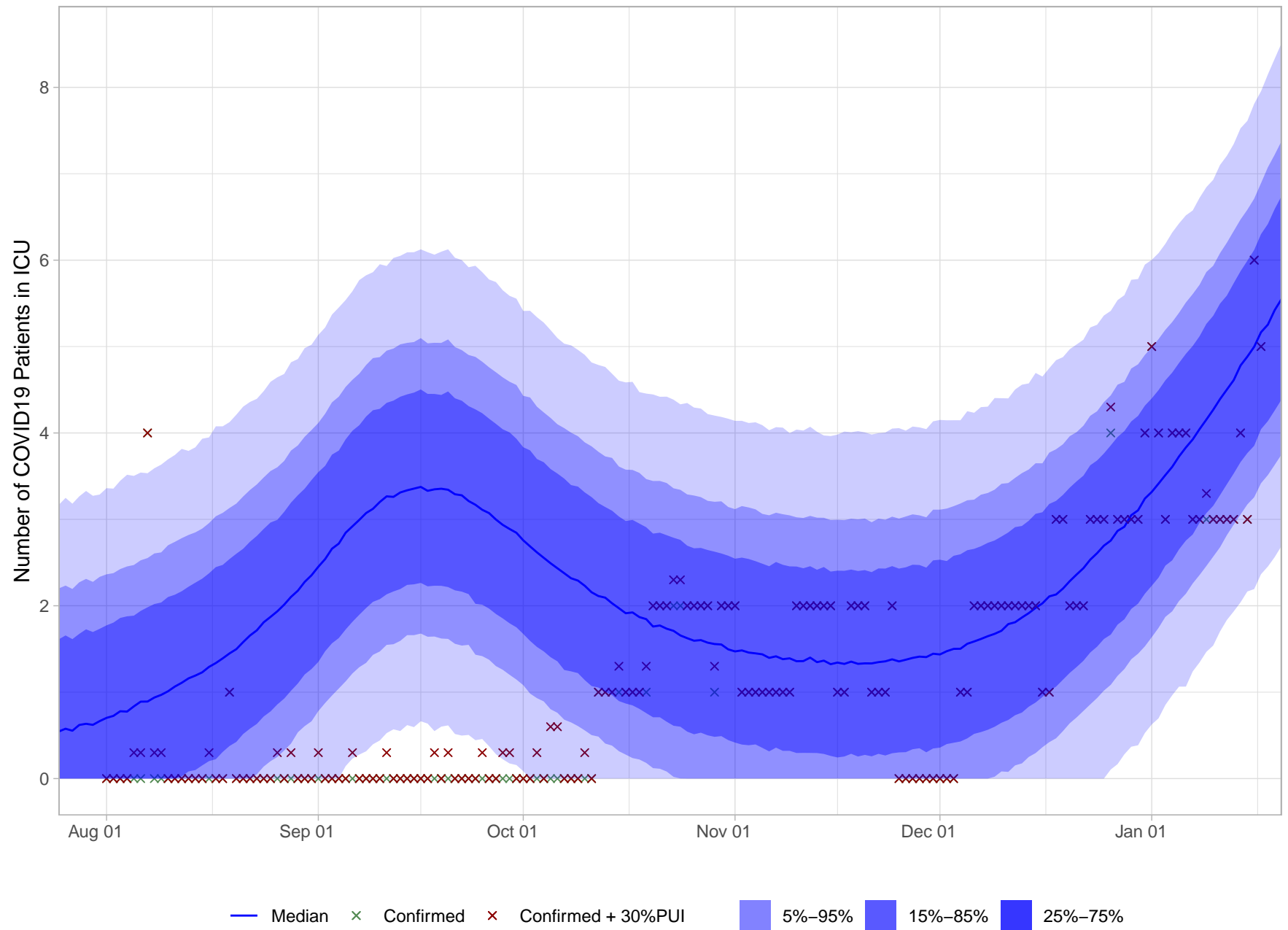
# Short Term Hospitalization Projection



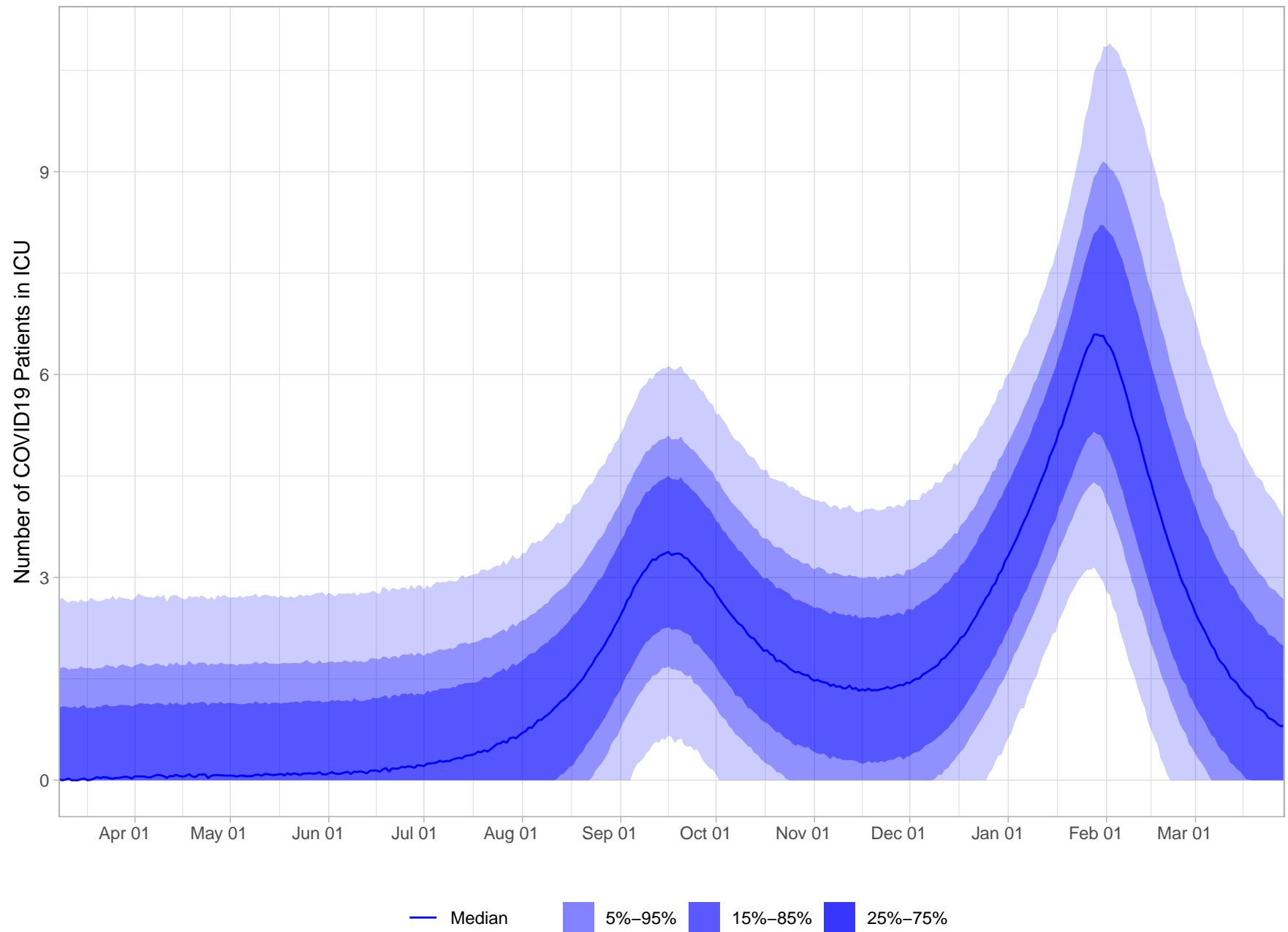
# Long Term Hospitalization Projection



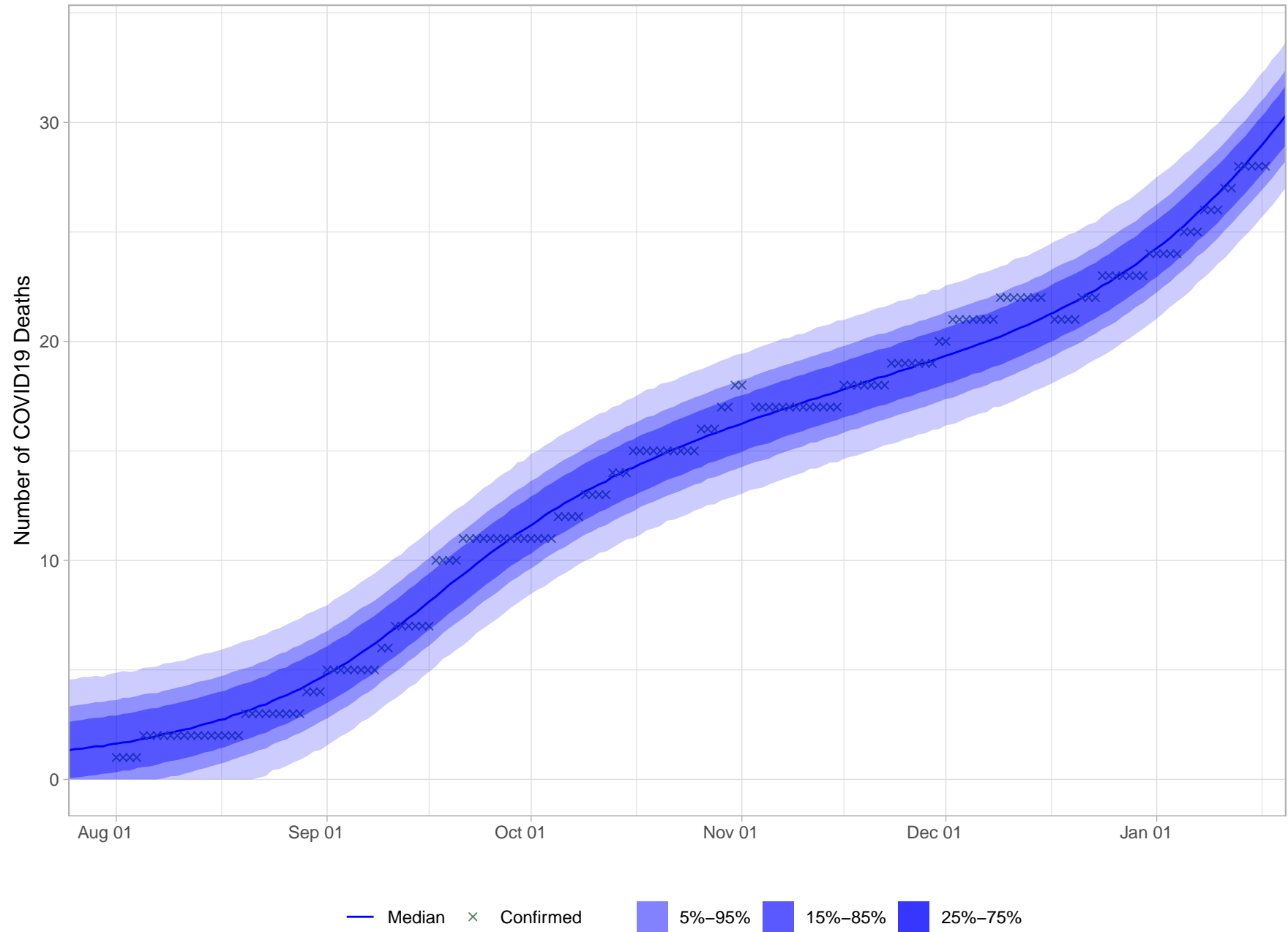
# Short Term ICU Projection



# Long Term ICU Projection

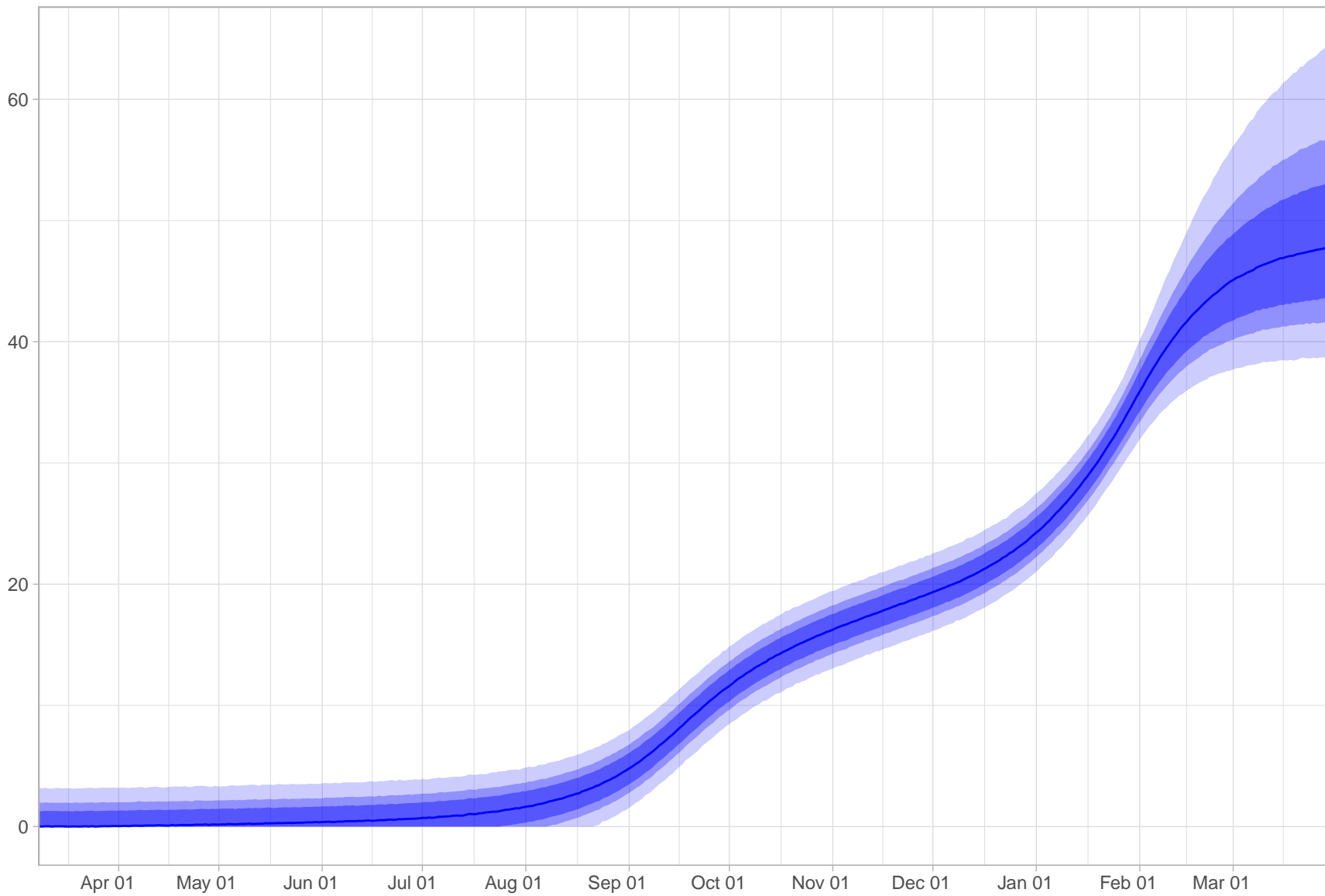


# Short Term Death Projection



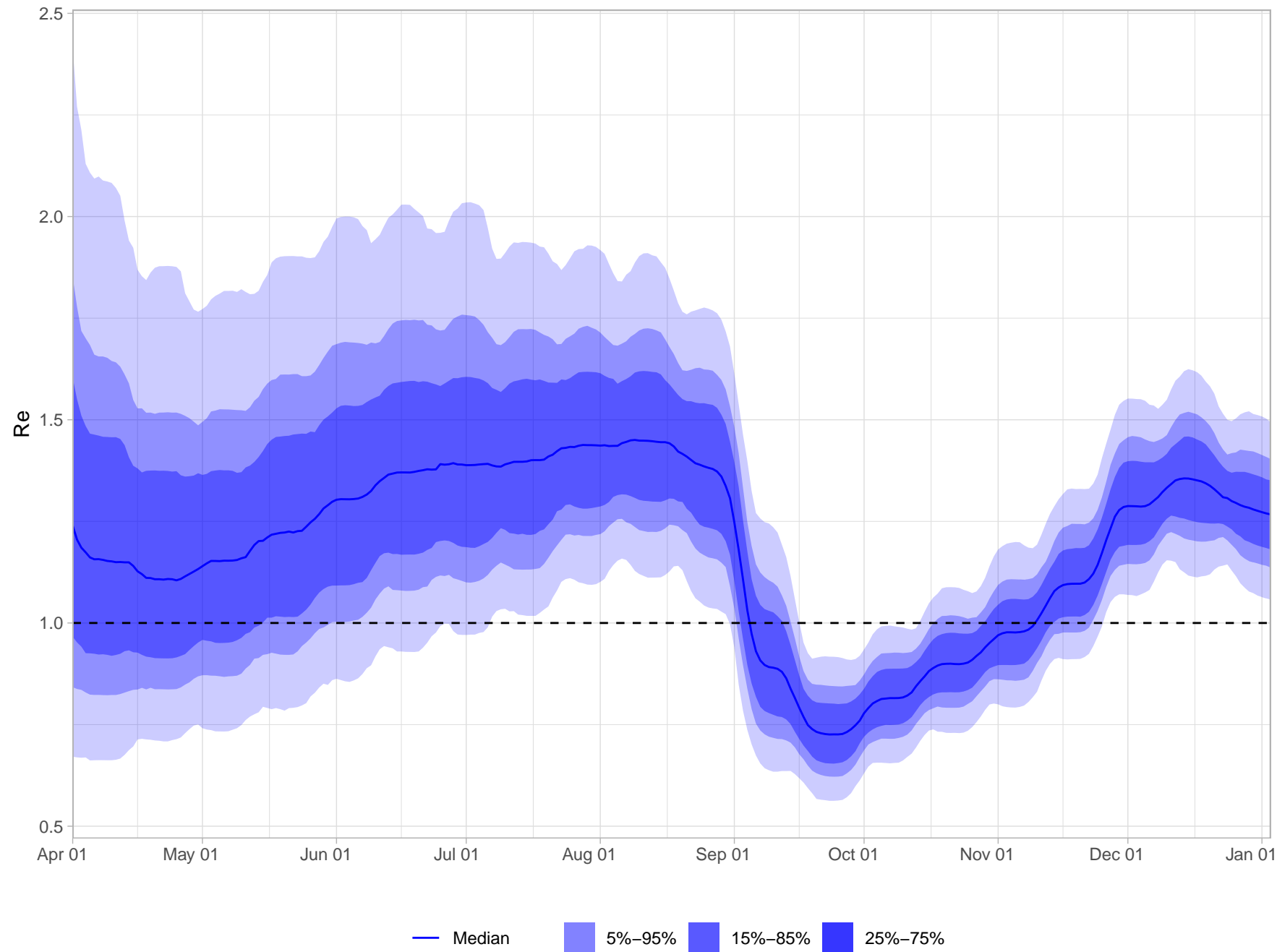
# Long Term Death Projection

Number of COVID19 Deaths



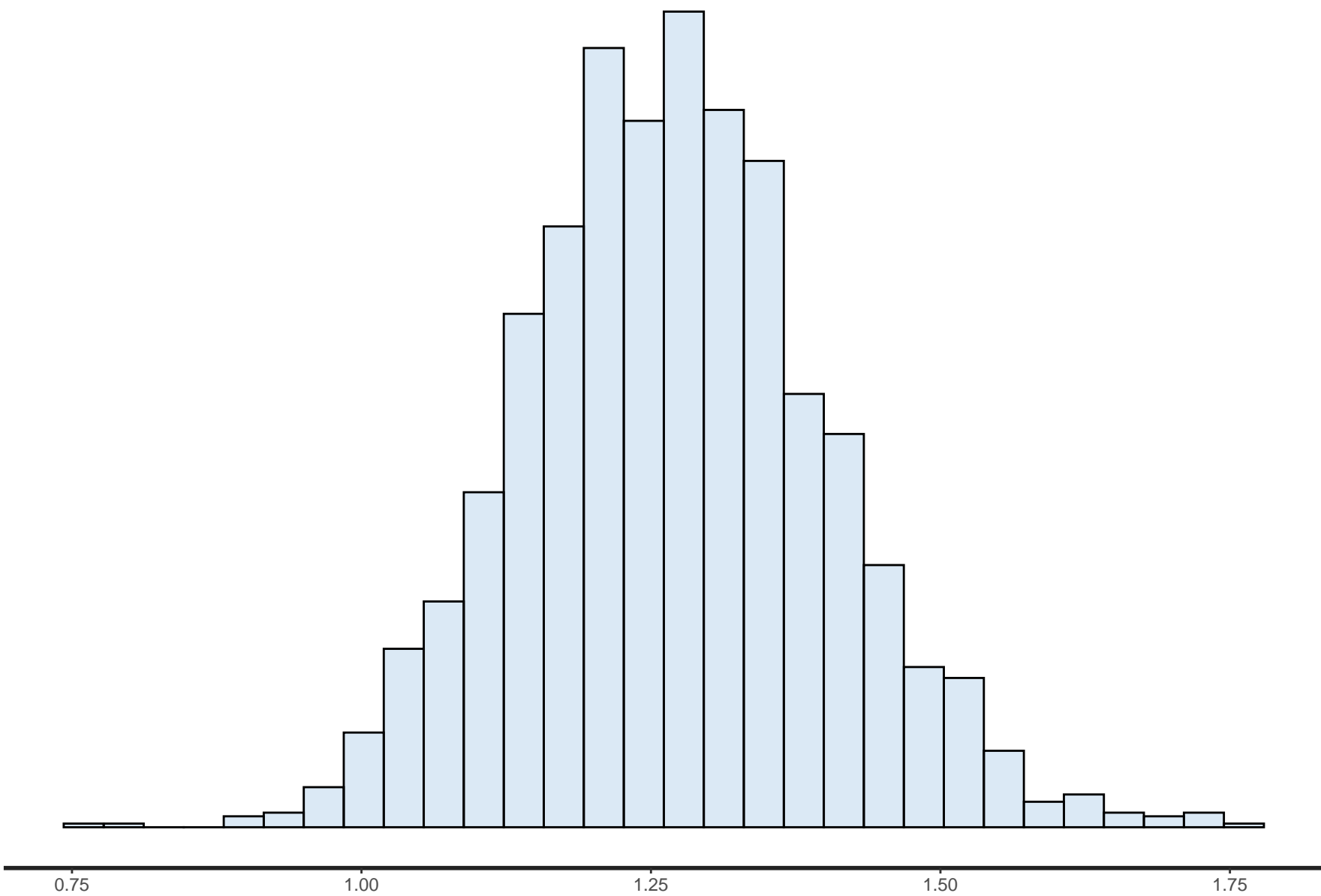
— Median    5%–95%    15%–85%    25%–75%

# Effective Reproduction Number

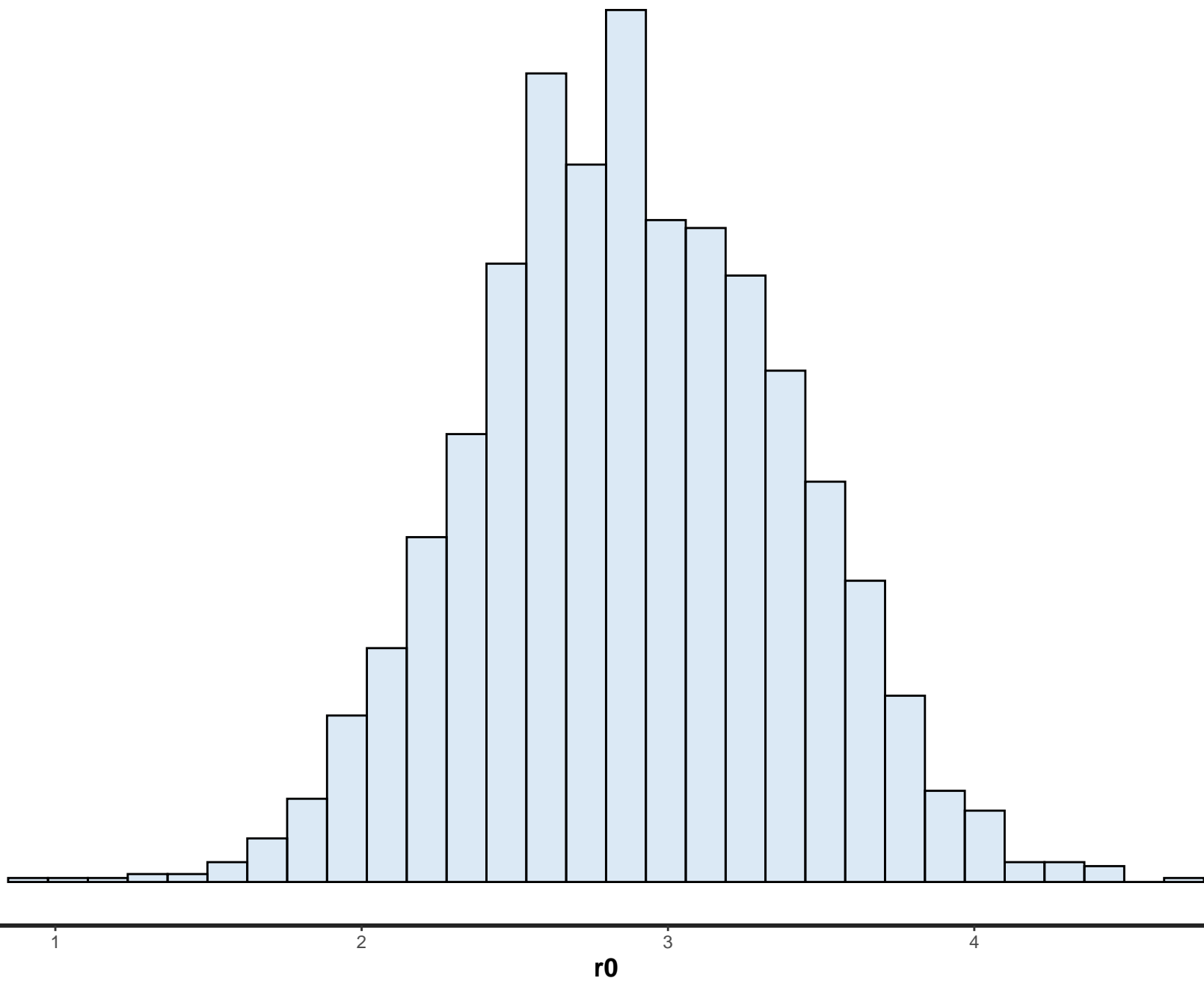


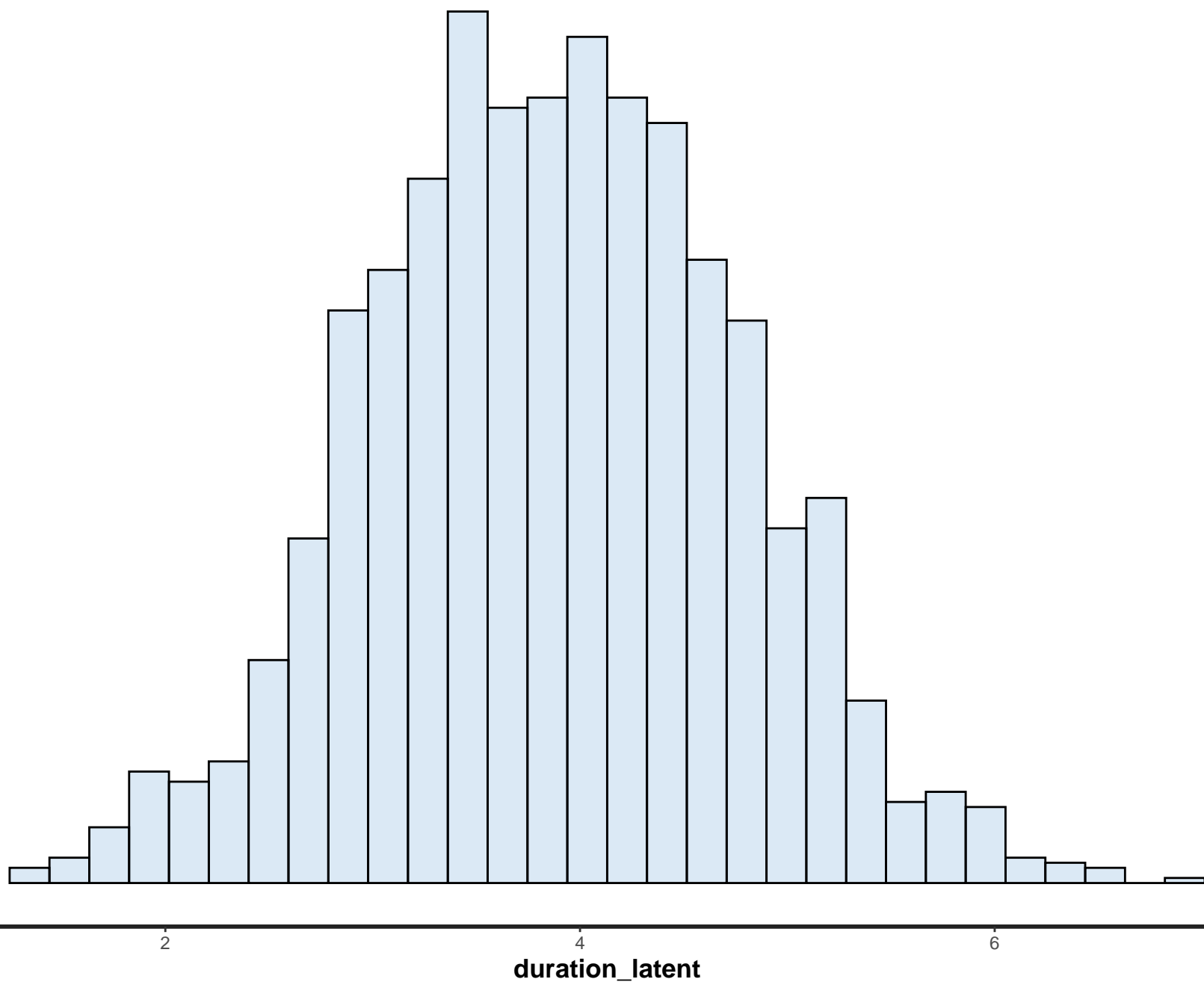
# Rt as of 2021-01-03

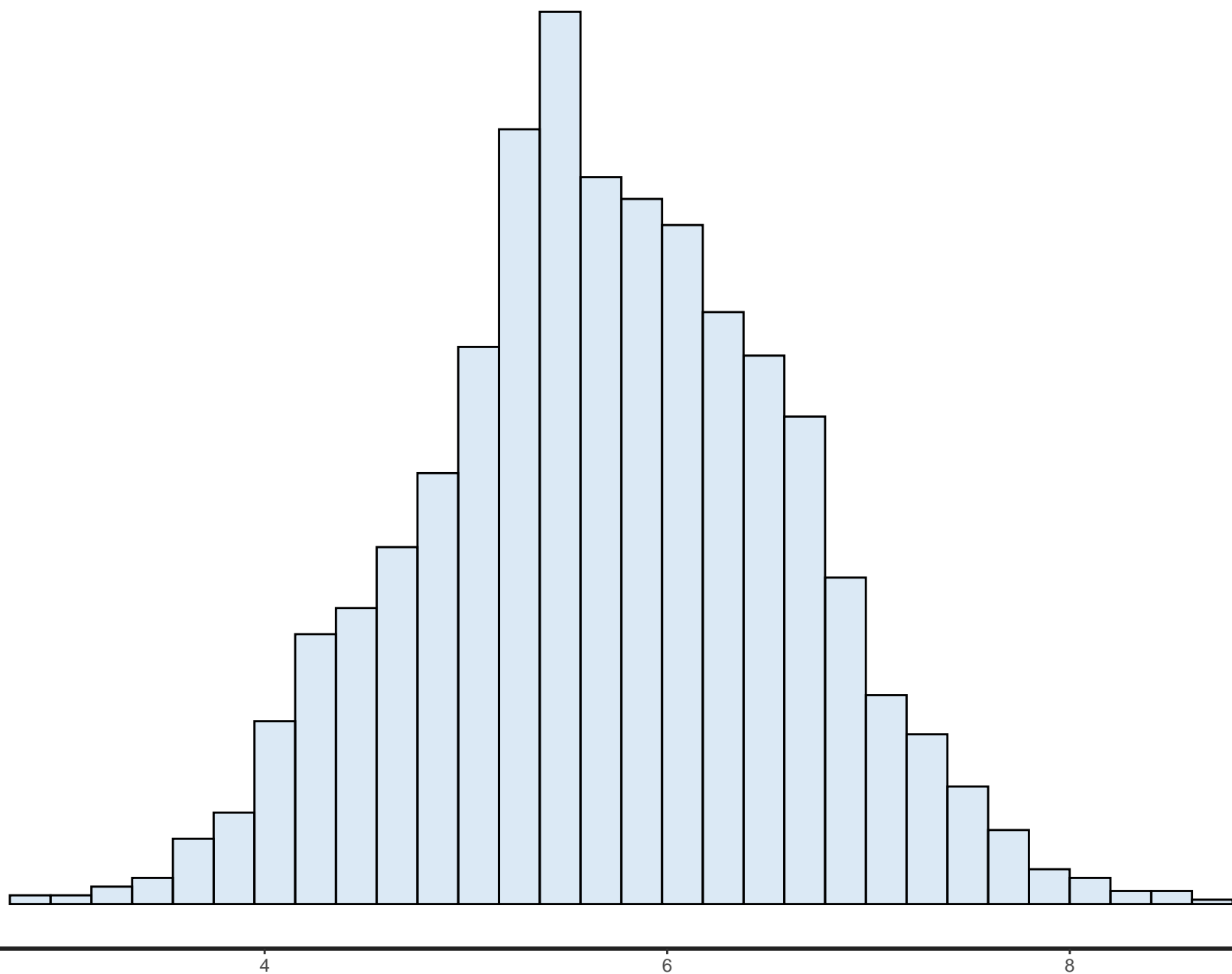
5%	10%	25%	50%	75%	90%	95%
1.06	1.11	1.18	1.27	1.35	1.44	1.49

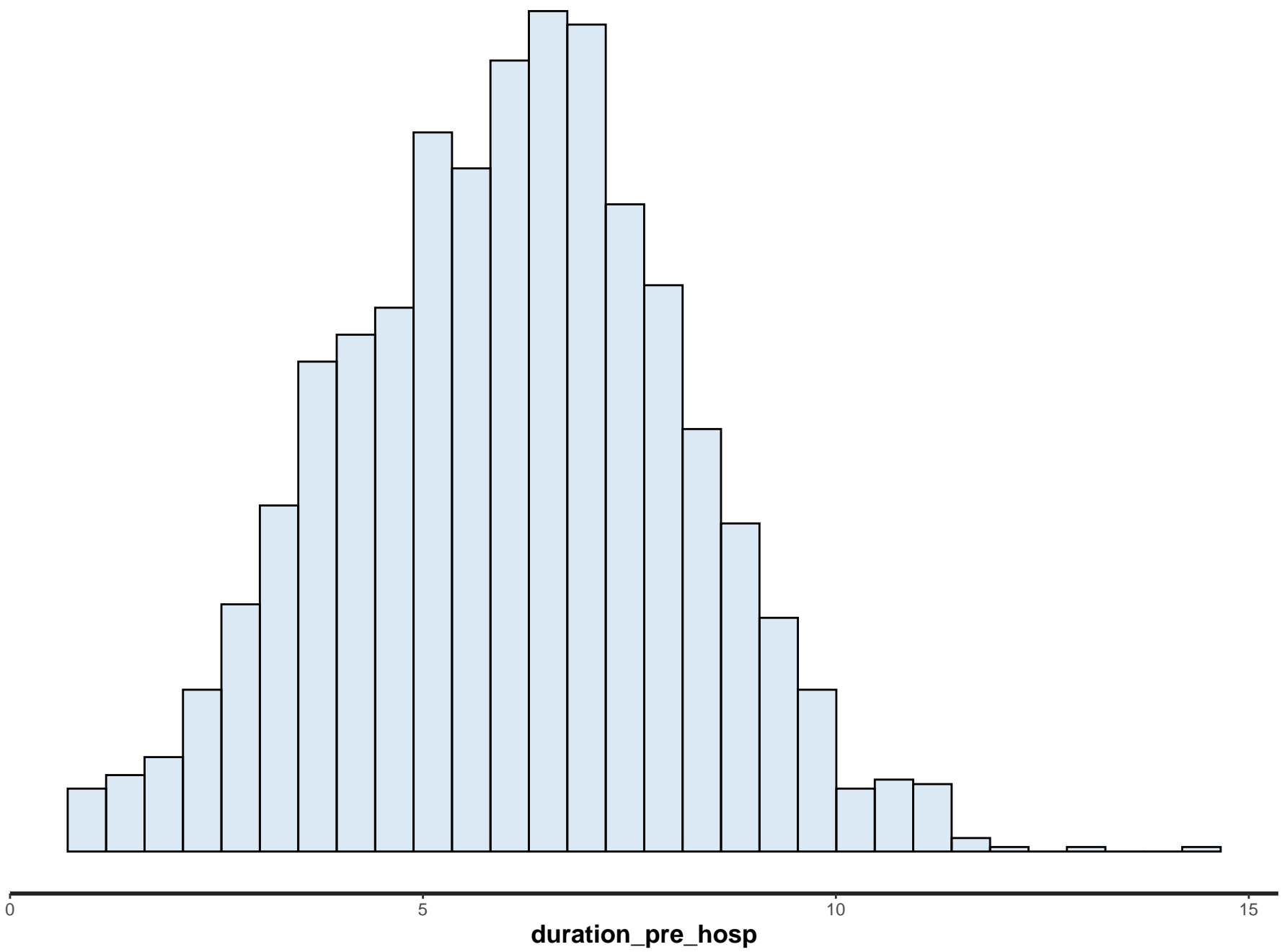


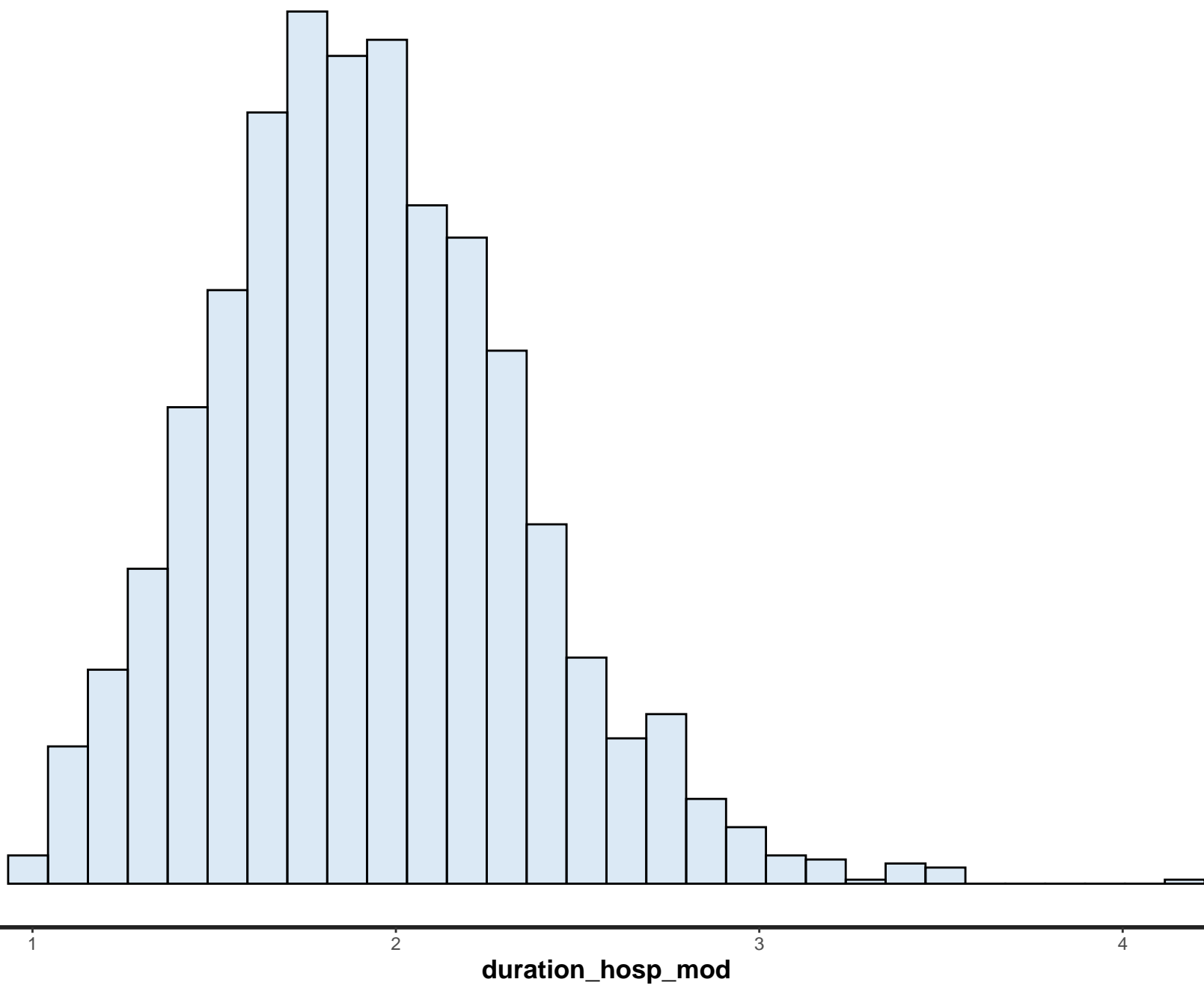


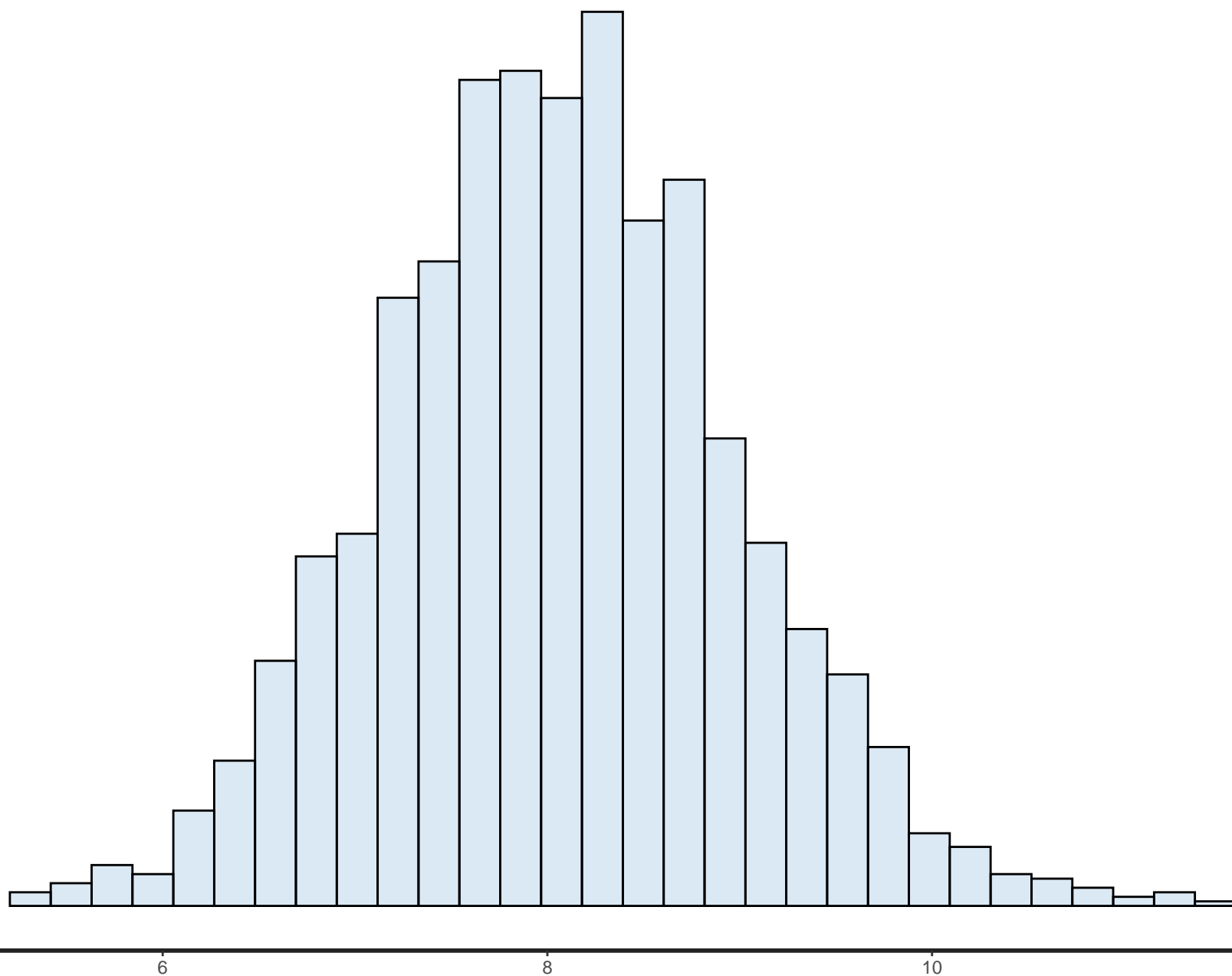


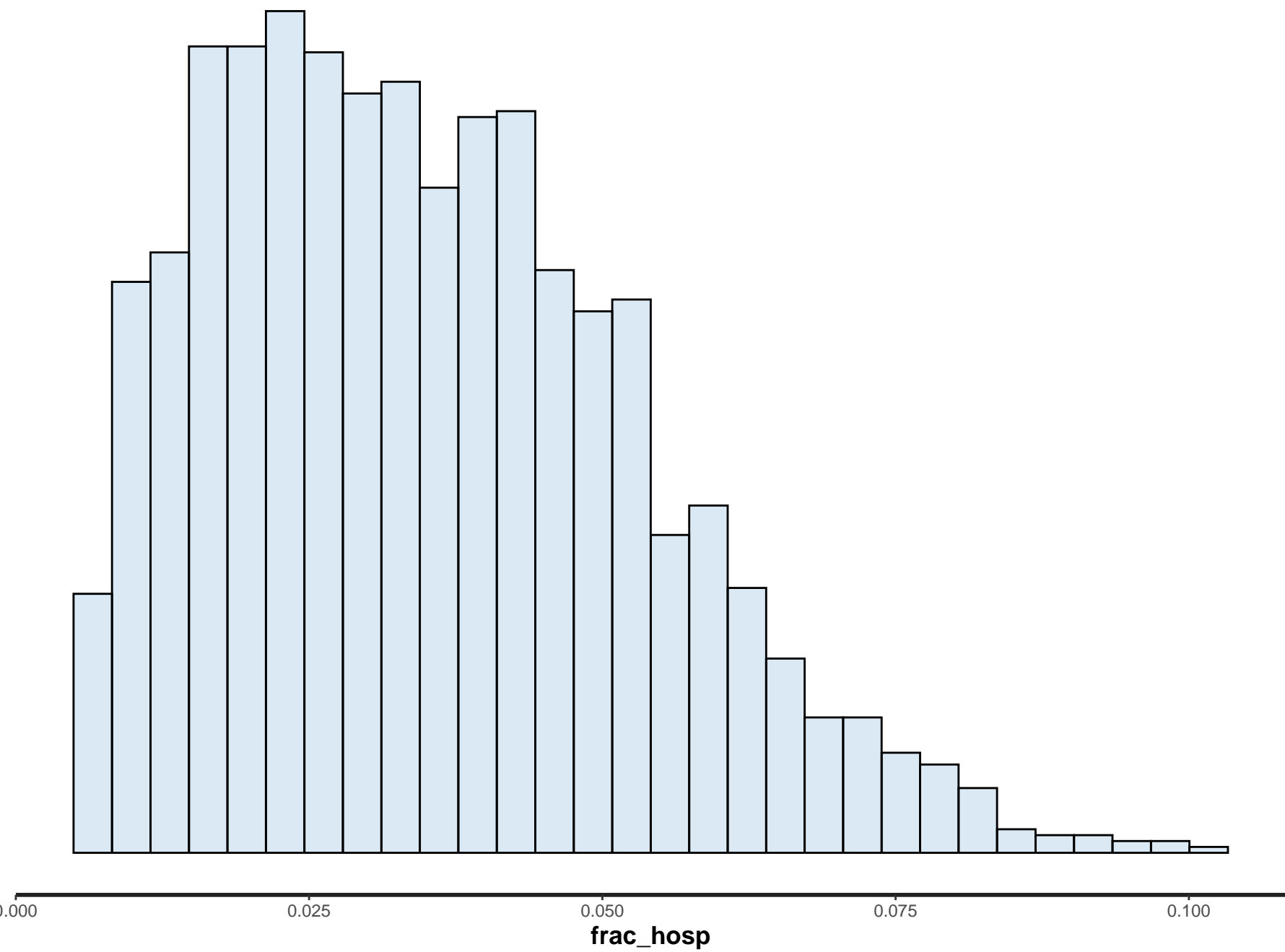


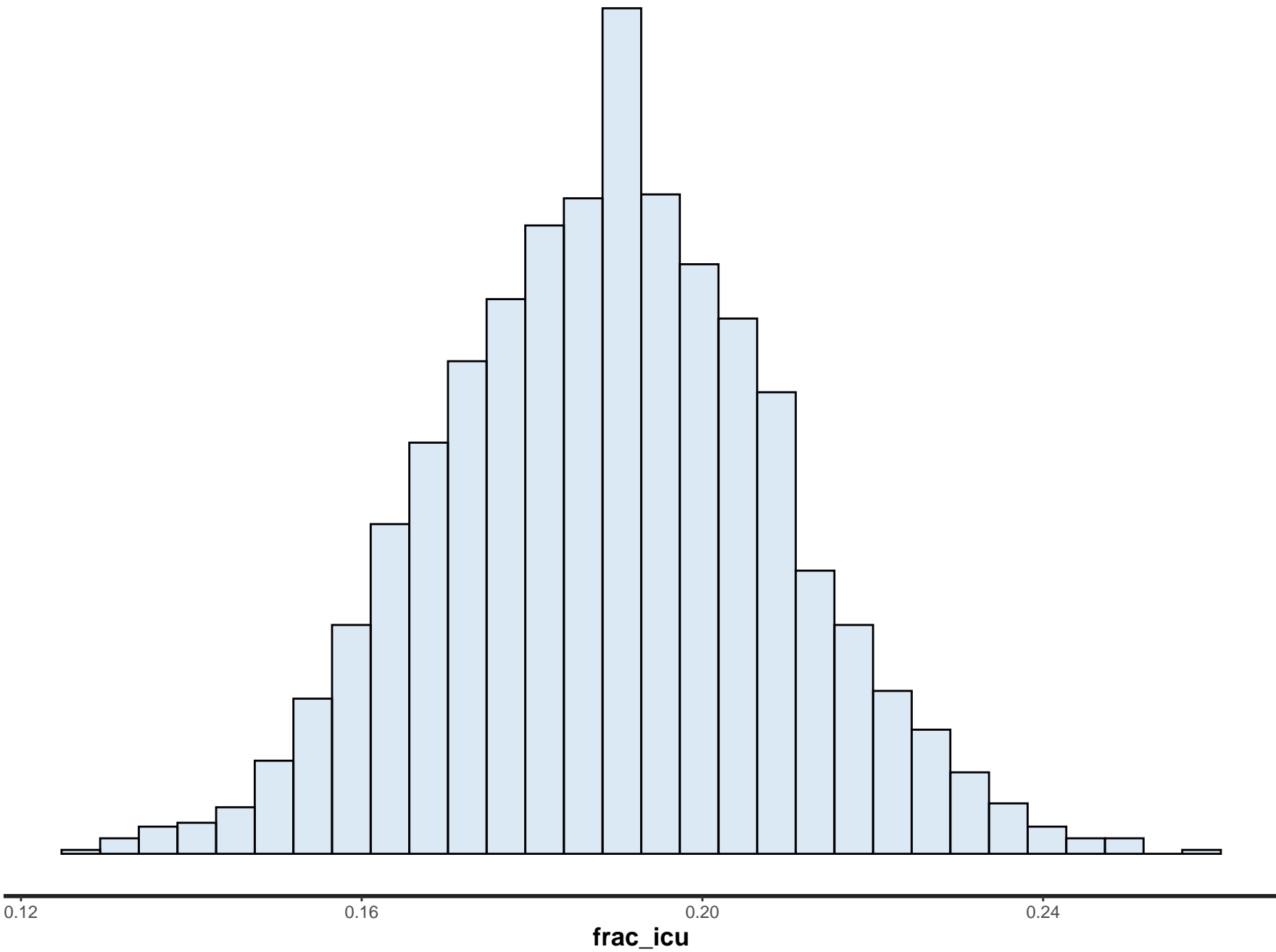




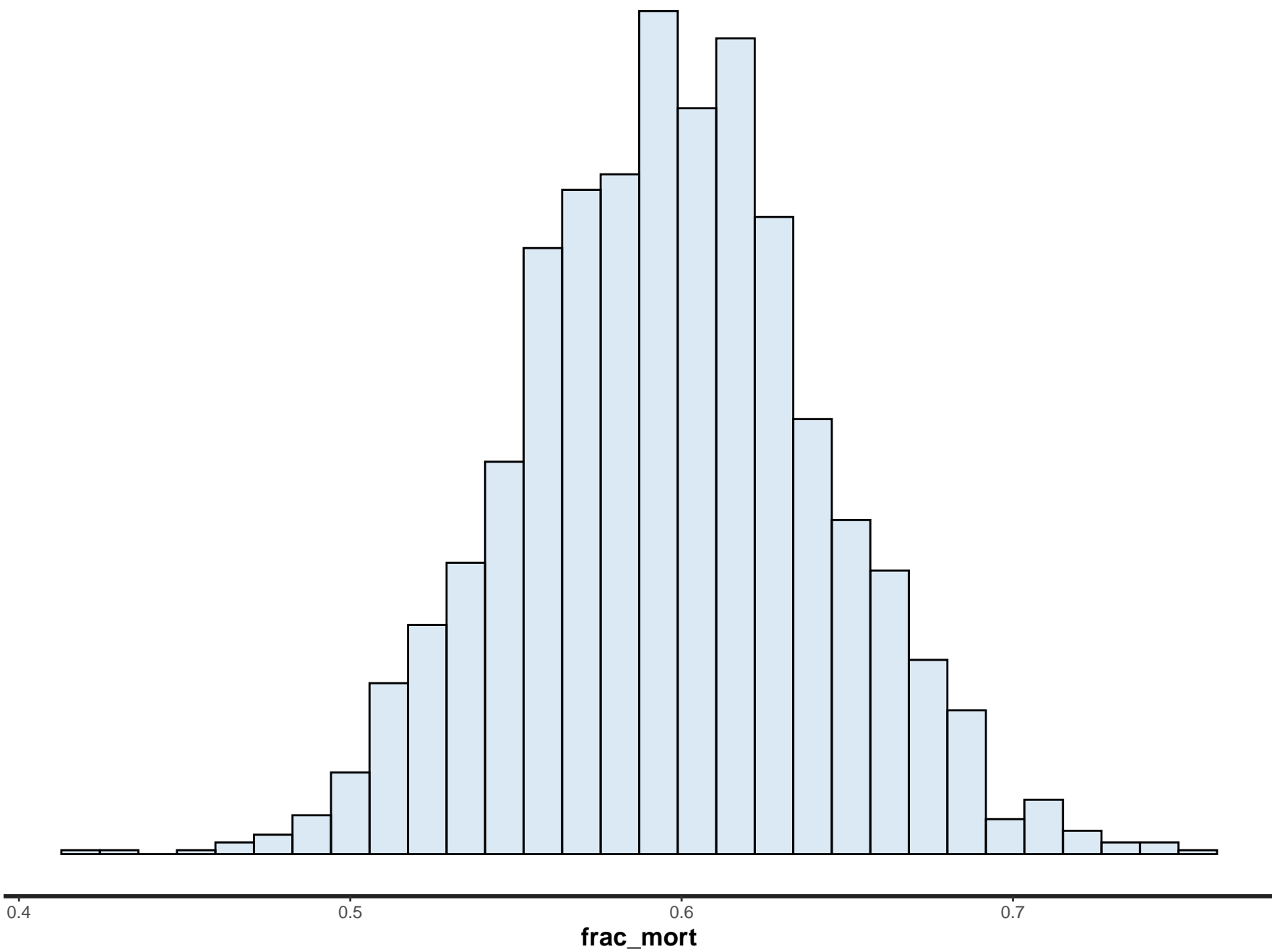




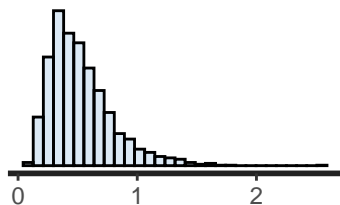




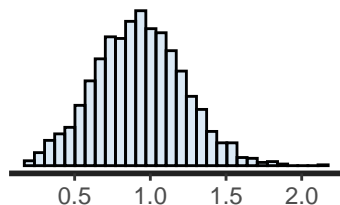




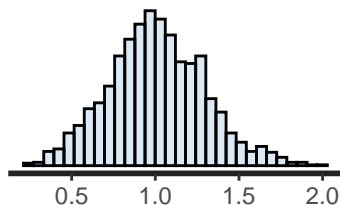
beta\_multiplier[1]



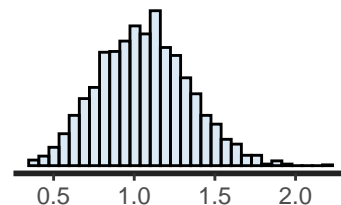
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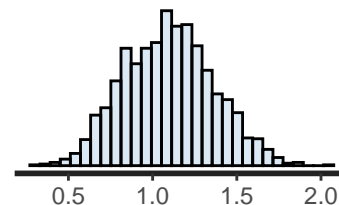
beta\_multiplier[3]



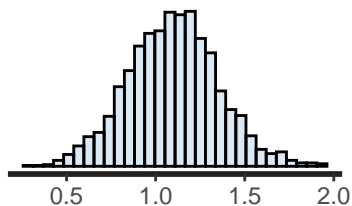
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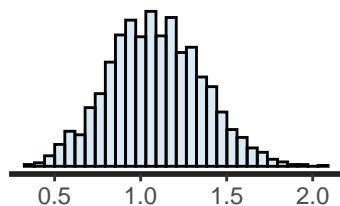
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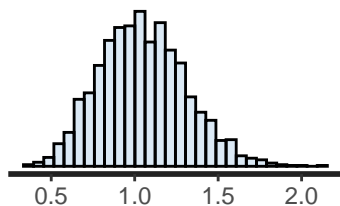
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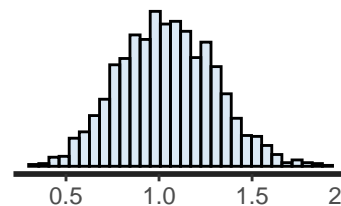
beta\_multiplier[7]



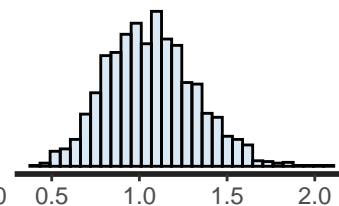
beta\_multiplier[8]



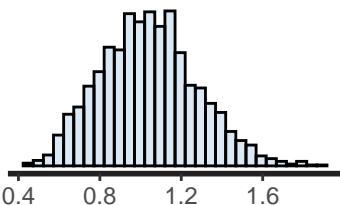
beta\_multiplier[9]



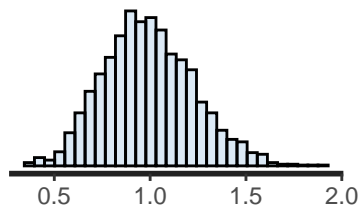
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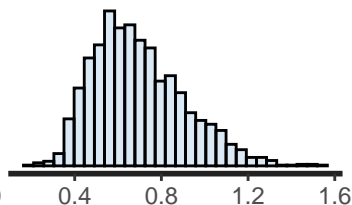
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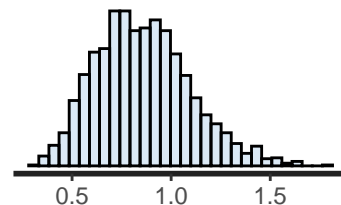
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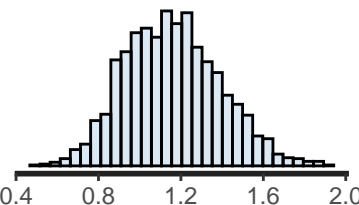
beta\_multiplier[13]



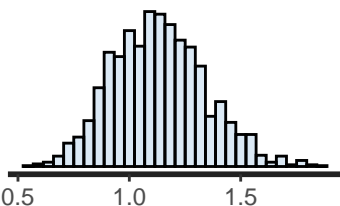
beta\_multiplier[14]



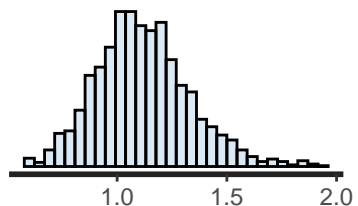
beta\_multiplier[15]



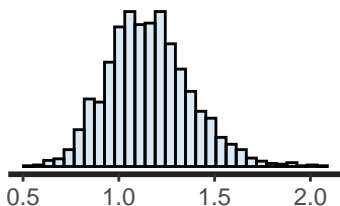
beta\_multiplier[16]



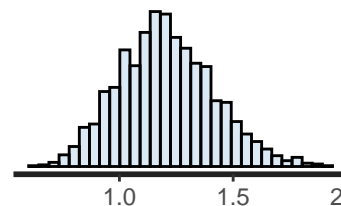
beta\_multiplier[17]



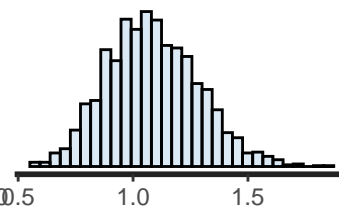
beta\_multiplier[18]



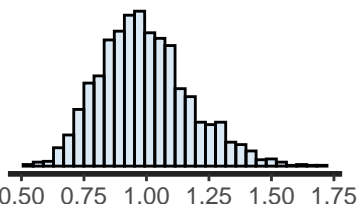
beta\_multiplier[19]



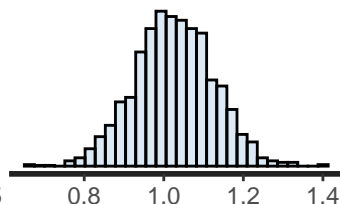
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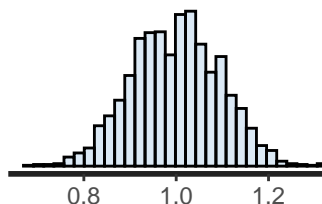
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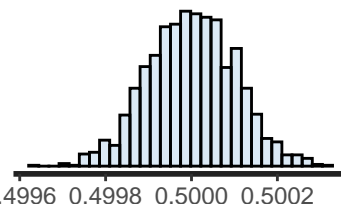
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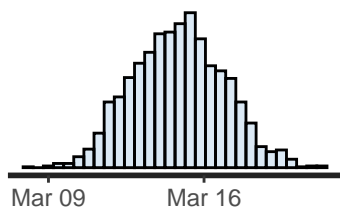
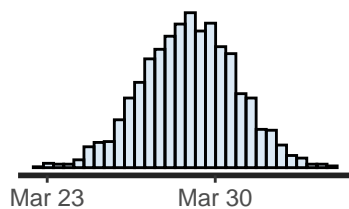
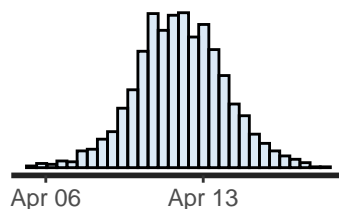
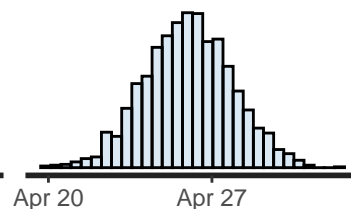
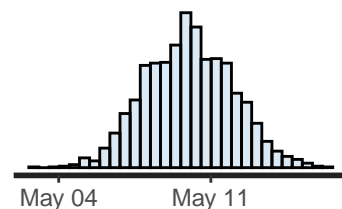
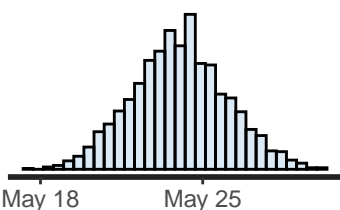
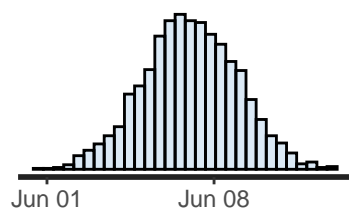
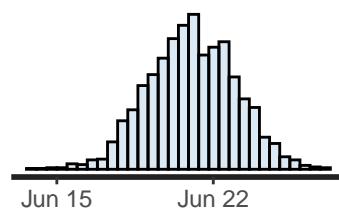
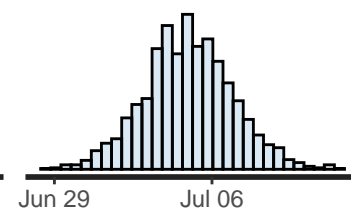
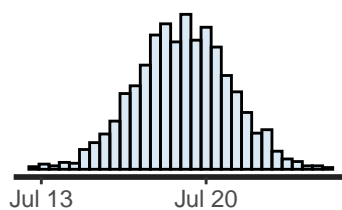
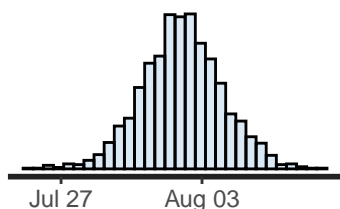
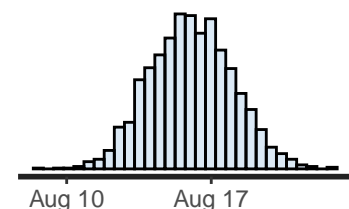
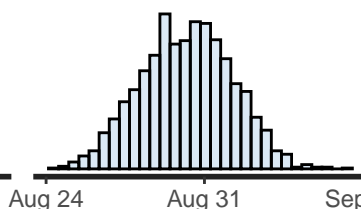
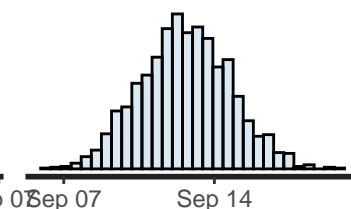
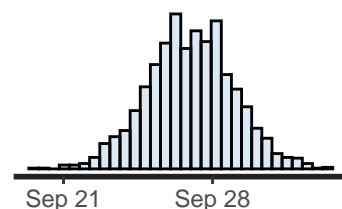
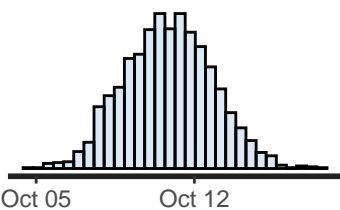
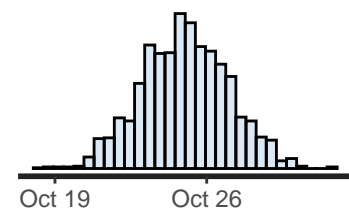
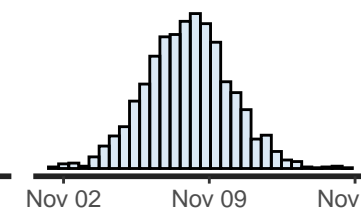
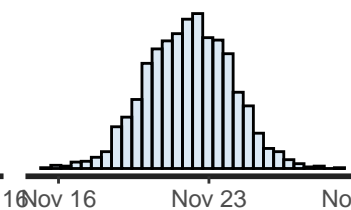
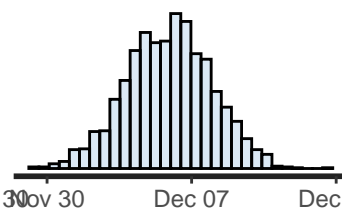
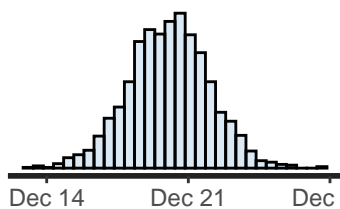
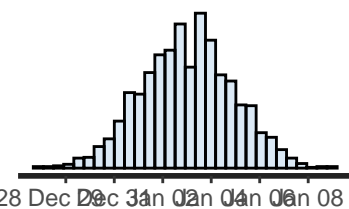
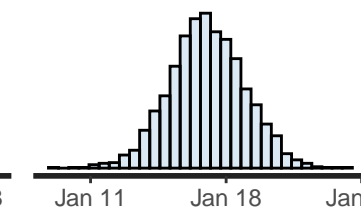
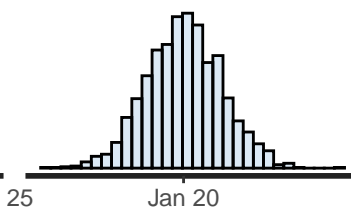


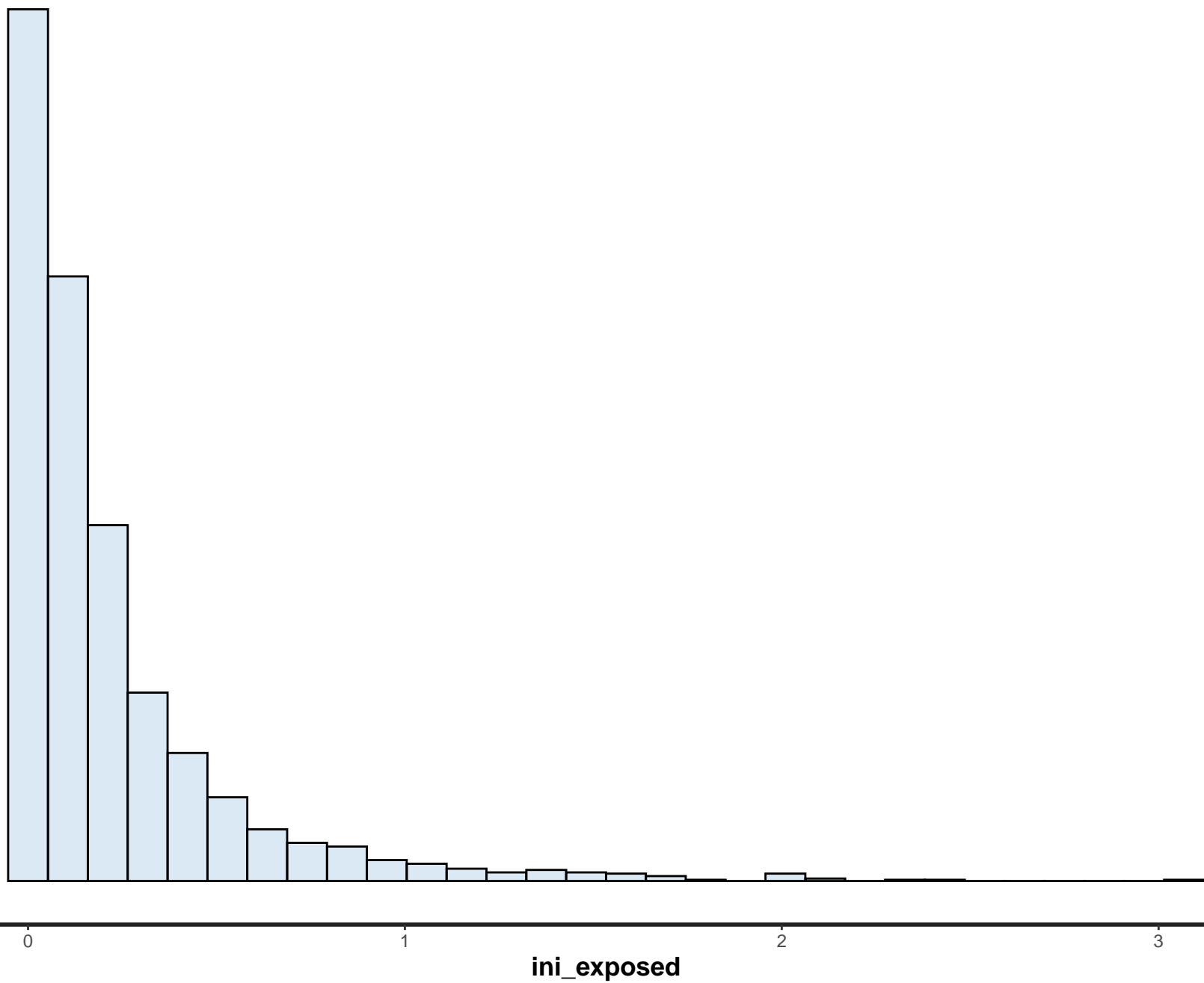
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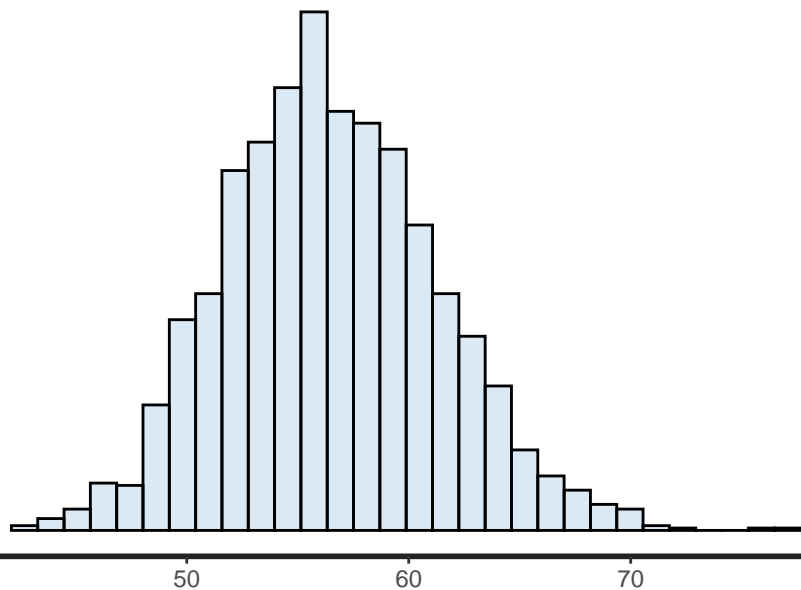
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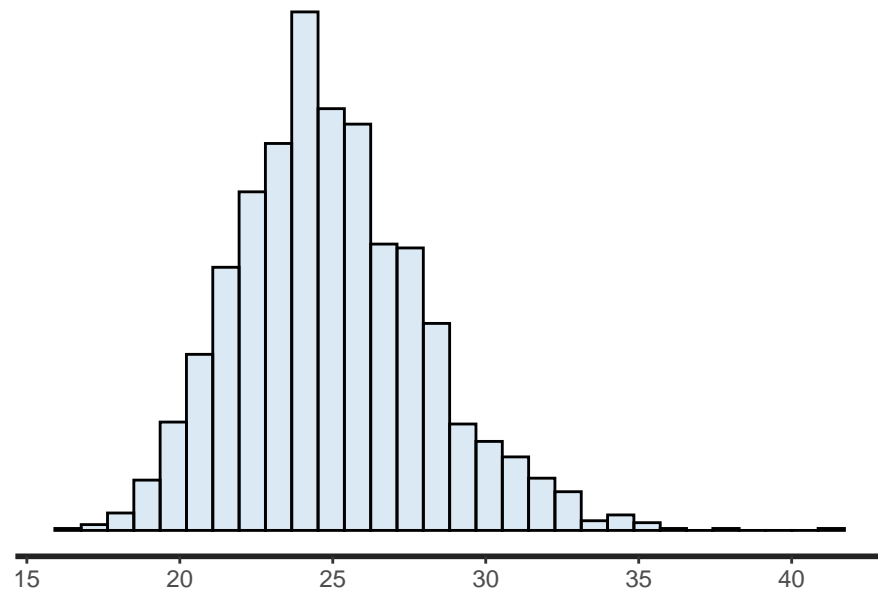
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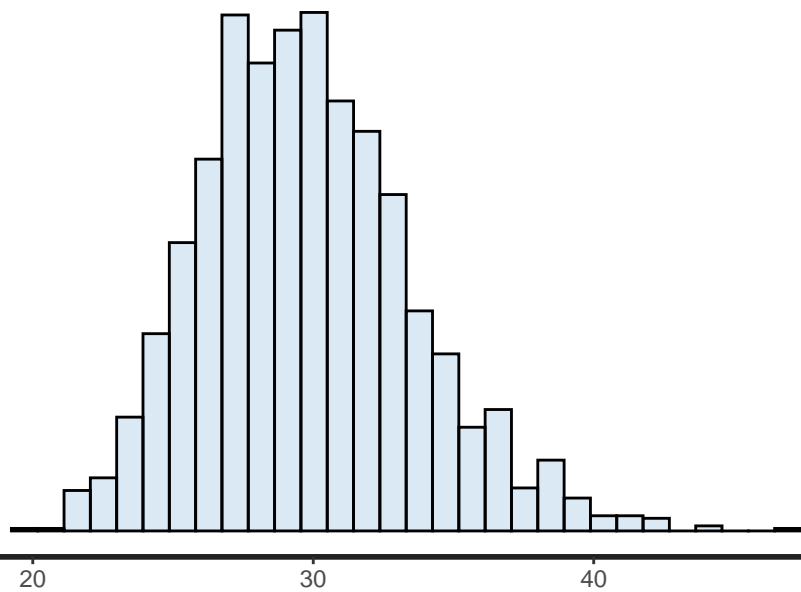
**sigma\_obs[1]**



**sigma\_obs[2]**



**sigma\_obs[3]**



**sigma\_obs[4]**

