






MITx: 6.008.1x Computational Probability and Inference



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Exercise: Interpreting Probability

(4/4 points)

- A probability is a number that is at least ✓ and at most

 ✓ .

- There is only one way to model tomorrow's weather.

☐ True☒ False ✓

- Let's say I have a coin that, when tossed, is heads with probability 0.7. Select all the statements below which are true.



If we flip the coin 10 times, it is possible that none of them are heads.



If we flip the coin 1,000 times, exactly 700 of them will be heads.



If we flip the coin 1,000,000 times, exactly 700,000 of them will be heads.



As we increase the number of times we flip the coin, the fraction of coin flips that are heads becomes closer to 0.7.



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