Presentation Template in R Markdown

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Introduction

A set of talking points

- Cite the section you are discussing
- Provide a full statement of the problem

A different set of talking points

- Think of ways to engage students with a `clicker` question
- Provide a motivating example
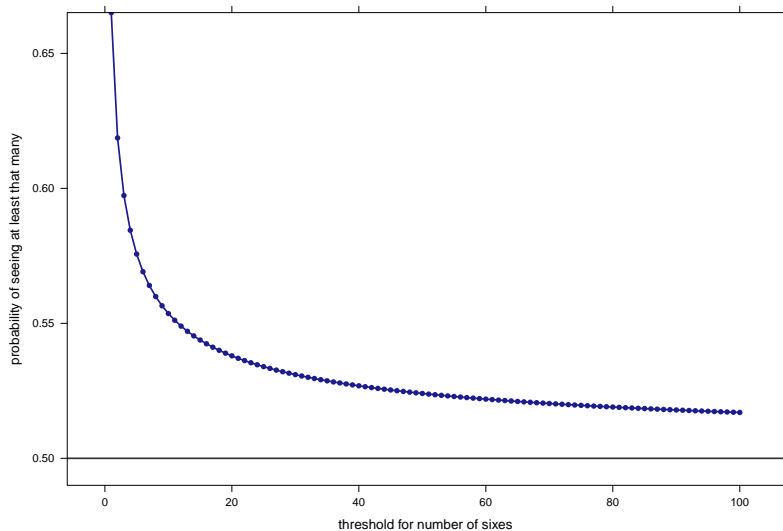
A gratuitous image

Statement of the problem

Pepys was trying to determine the probabilities of seeing at least m sixes when $6m$ six-sided dice were tossed. What happens to this probability as m gets larger?

SOLUTION: We know that when $m=1$, P(at least one six) = 1-P(no sixes) $= 1 - (5/6)^6 = 0.665102$ and that from class, we know that the probability decreases for $m = 2$ and $m = 3$. Is there a limiting behavior?

Simulation

Closing thoughts

- Summarize key take home points
- Bring back to motivating example
- Solicit questions