coursera

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Interactive Tool: Relationship between PMF/PDF and CDF of some distributions

This is an ungraded tool to develop your understanding of the material.

Here you can see the relationship between PMF of the binomial distribution, PDF of uniform and normal distributions, and their CDF functions. Drag the slider below the graph to plot the corresponding CDF function. You can also perform experiments to see the relationship between theoretical and experimental distributions.

Choose distribution: Discrete - Bernoulli / Binomial ⌄   ☐ Animate CDF

Parameters: $n = $ 10 $p = $ 0.3

Run the experiment: [one time]   [10 times]   [50 times]   [100 times]   [Refresh]

$x = 0$ Total number of experiments $= 0$

Experiment: Toss a coin 10 times and count number of heads.

↙↗

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