Binomial Distribution

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Outline

Based on

Binomial Distribution

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"Understanding Statistics in the Behavioral Sciences" R. R. Pagano

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Binomial Distribution

- a probability distribution that results when the following five conditions are met
 - 1 there are a series of N trials
 - On each trial, there are only two possible outcomes
 - on each trial, the two possible outcomes are mutually exclusive
 - 4 there is independece between the outcomes of each trial
 - the probability of each possible outcome on any trial stays the same from trial to trial
 - when these requirements are met, the binomial distribution tells us each possible outcome of the N trials and the probability of getting each of these outcomes.

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