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RStudio - R Project: Probability and Statistics
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> # Probability of a specific outcome in a binomial distribution
> # Parameters: n = 10, p = 0.5
> # Calculate the probability of getting exactly 5 successes
> n = 10
> p = 0.5
> k = 5
> # Calculate the probability
> prob = dbinom(x = k, size = n, prob = p)
> # Print the result
> print(prob)
[1] 0.2460938

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