Bookmarks

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Question 1

(1/1 point)

The hypergeometric distribution is characterized by the following equation:

$$f_X(x) = \frac{\binom{K}{x}\binom{N-K}{n-x}}{\binom{N}{n}} \qquad x = \max(0, n+K-N), \ldots, \min(n, K)$$

This distribution describes the number of "successes" (commonly denoted _____) in a sample of size _____ that is drawn from a population _____ replacement.

- a. k ; n ; with
- b. n ; N ; without

c. k ; N ; with

d. k ; n ; without ✔

EXPLANATION

As discussed in class, a hypergeometric distribution describes the number of successes, k, out of a sample size of n drawn from a total population of size N without replacement.

You have used 2 of 2 submissions


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