

Re: Expected value

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I have considered the following scenario.

consider that we cut the string into n random parts. Now take a function.

$\text{Min}(\text{Length}) = \text{Min}(a_1, a_2, \dots, a_n)$ and similarly

$\text{Max}(\text{length}) = \text{Max}(a_1, a_2, \dots, a_n)$

Now repeating this procedure for suppose another m times and then take the mean

$\text{Expected}(\text{Min length}) = \text{Mean}(\text{Min}(\text{length}))$ and similarly

$\text{Expected}(\text{Max length}) = \text{Mean}(\text{Max}(\text{length}))$

But I am stuck up here. please help me to find out the solution

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• *References:*

◆ *Expected value*

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