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Two fair distinguishable coins (euro and czk) are tossed once. How many recognizable outcomes (from the point of observer) can happen?

What is the probability of two heads to appear?

What is the probability of euro-head and czk-tail showing up?

What is the probability of head and tail showing up regardless of the type of coin?

Let's say the two coins are indistinguishable (one toss of two identical euro coins).

How many recognizable outcomes (from the point of observer) can happen?

What is the probability of two heads to appear?

What is the probability of head and tail to appear?

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You have a bag with a well-mixed sets of 11 green balls and 5 white balls. What is the chance that you will draw two balls of different color if you draw twice one ball with and without replacement?

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The box contains numbers 0, 1, 1, 1, 5 and 10. Draw one number at a time.

a) What is the expected value in one draw?

b) What would be the (expected) sum of 25 draws and its standard error?

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Your playlist contains 25 favorite songs. How many distinct sets of 5 "the best out of the best" songs can be made from this playlist?

How many "Top 10" (ordered) music chart tables can be made from the same playlist?

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Do not forget to look at the regression ☺