

0	Question: A bag contains one counter, known to be either white or black with probability $1/2$. A white counter is put in, the bag shaken, and a counter drawn out, which proves to be white. What is now the chance of drawing a white counter?
A1: $2/3$	A2: $1/2$

Arguments for A1

1	Question: If I update using bayes rule based on observing that a white counter was drawn the first time, what is the chance of drawing a white counter the second time?
A1: $2/3$	A2: Probably $2/3$

2	Question: If I break down the probabilities into scenarios, and then discard scenarios where a white counter is not drawn the first time, what is the probability of drawing a white counter the second time?
A1: $2/3$	A2: Probably $2/3$

5	Question: Meta-debate: Given the questions and answers in this round, which is the better answer to the question?
A1: $2/3$	A2: Draw

Arguments for A2

3	Question: What is the probability of drawing a white counter at the start (before the white counter is put in)?
A1:	A2: $1/2$

4	Question: Does putting in a white counter then removing a white counter change anything about the number of white and black counters in the bag?
A1:	A2: No

6	Question: Therefore, is the probability of drawing a white counter still $1/2$?
A1: No, you have different information about what counter is in the bag, the probability is $2/3$.	A2: Yes