



Probability Discrete vs Continuous - Discrete or Continuous to Individual Values Meaningful

1

Amount of rainfall during a storm is a continuous random variable.

Is the probability of a single specific value meaningful for this type of probability distribution?

A Yes, the probability of a single specific value is meaningful

B No, the probability of any single specific value is 0

2

Questions skipped on a final exam is a discrete random variable.

Is the probability of a single specific value meaningful for this type of probability distribution?

A Yes, the probability of a single specific value is meaningful

B No, the probability of any single specific value is 0

3

Cards drawn before the first Ace appears is a discrete random variable.

Is the probability of a single specific value meaningful for this type of probability distribution?

A Yes, the probability of a single specific value is meaningful

B No, the probability of any single specific value is 0

4

Blood pressure of a patient is a continuous random variable.

Is the probability of a single specific value meaningful for this type of probability distribution?

A Yes, the probability of a single specific value is meaningful

B No, the probability of any single specific value is 0

5

Mass of an apple selected from a basket is a continuous random variable.

Is the probability of a single specific value meaningful for this type of probability distribution?

A Yes, the probability of a single specific value is meaningful

B No, the probability of any single specific value is 0

6

Text messages received during the afternoon is a discrete random variable.

Is the probability of a single specific value meaningful for this type of probability distribution?

A Yes, the probability of a single specific value is meaningful

B No, the probability of any single specific value is 0

7

Pieces of luggage checked by a passenger is a discrete random variable.

Is the probability of a single specific value meaningful for this type of probability distribution?

A Yes, the probability of a single specific value is meaningful

B No, the probability of any single specific value is 0

8

Waiting time before a bus arrives is a continuous random variable.

Is the probability of a single specific value meaningful for this type of probability distribution?

A Yes, the probability of a single specific value is meaningful

B No, the probability of any single specific value is 0