HS - 616 Questions week-wise

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Lecture 1a

If x <- 1:4 and y <- 5:8 what is the output of x + y ?

- A vector with values 6 8 10 12
- A numeric integer with value 6
- A numeric integer with values 6 8 10 12
- Running the statement gives an error

Lecture 1b

What is the class() of the vector 'var' in the statement var <- runif (10) < 0.5?

- Logical
- Integer
- Character
- List

Lecture 2a

Which of the following equation represents the sensitivity of a test?

- sensitivity = number of true positives / number with disease
- sensitivity = number of true negatives / number without disease
- sensitivity = number with disease / total population
- sensitivity = number of true positives / number of true negatives

Lecture 2b

Poisson Probability Distribution is a type of

- Discrete Probability Distribution
- Continuous Probability Distribution
- Cumulative distibution
- Random number generation