Leroy Wheeler MEDB\_5501-05 Proposed Final exam questions 2024-Sep-19

1. True or false

The sum of squares regression (SSR) is the variation explained by the independent variable of a linear regression curve while the sum of squares error (SSE) is the variation that is unexplained by the independent variable.

2. The equation “y = b0 + b1\*x” is a simple linear regression describing the relationship between the independent variable “x” and its dependent variable “y”. Choose the best answer which accurately describes the relationship among the variables in the equation.

a. b0 is the value of x when y = zero

b. b1 is amount in which the variable y will increase for every unit of x

c. b0 is amount in which the variable y will increase for every unit of x

d. y = x only when x = 0