6EB37875

Save and Exit

Case-control Studies II Lab warm-up

Align Quiz to Standard

Enable Sharing
SOC-63084923

1. Given the prototypical 2x2 table for case-control data, which of the formulas below will calculate the odds of exposure among cases?

	Case	Control
Exposure +	a	b
Exposure -	c	d

A a / c

B a / b

C a / (a + b)

D a / (a + c)

The odds of exposure among cases can be calculated as a / c.

2. Given the prototypical 2x2 table for case-control data, which of the following is an accurate expression of the odds of exposure among controls?

	Case	Control
Exposure +	50	25
Exposure -	100	100
	Odds = 50 / 100	Odds = ???

A 0.2

B 1:2

C 2.5:1

D 0.25

The only correct expression of the odds among the choices above is 0.25. You can derive this answer by dividing 25 by 100.

3. Given the prototypical 2x2 table for case-control data, what is the exposure odds ratio?

	Case	Control
Exposure +	50	25
Exposure -	100	100
	Odds = 50 / 100	Odds = 25 / 100

A 1

B 2

C 3

D 4

The exposure odds ration is (a/b) / (c/d). In this case, that is (50/100) / (25/100) = 2.

Add a Question

Multiple Choice True / False Short Answer