

Odds Ratio Questions

Patten S. Epidemiology for Canadian Students, 3rd Ed.: Principles, Methods, and Critical Appraisal. Brush Education; 2021.

1. Using the data from table below:

.	Impulse-control disorder	No impulse-control disorder
Exposed to dopamine agonists	348	1692
Nonexposed to dopamine agonists	72	978

Calculate the log odds of having impulse-control disorder for the exposed and nonexposed subjects.

2. The odds ratio can be used as an indicator of the accuracy of a diagnostic test. When used in this way, the odds ratio is called a diagnostic odds ratio. Using the data from table below, calculate the diagnostic odds ratio.

.	Venography +	Venography -
colour Doppler ultrasound indicates DVT +	8	23
colour Doppler ultrasound indicates DVT -	13	275