Odds Ratio

This is defined as the ratio of odds of disease among exposed ($odds_1$) and odds of disease among unexposed ($odds_0$).

$$\mathbf{OR = (odds_1) / (odds_0)}$$

	Disease		
	Yes	**No**	**Total**
Unexposed	A	B	A+B
Exposed	C	D	C+D
Total	A+C	B+D	N = A+B+C+D

Using the above table, we can calculate the odds ratio using this formula:

$$OR = A/B \div C/D = AD/BC$$

Risk difference percentage (RD%) represents the proportion os cases in the exposed grip that were actually caused by the exposure. This is equal to *attributable fraction for exposed* (see below). It is calculate as follows:

$$\mathbf{RD\% = (r_1 - r_0) / r_1}$$

Links

Related Articles

- Attributable and Relative Risks, Odds Ratio

Bibliography

BENCKO, Vladimír. *Hygiene & Epidemiology : Selected Chapters.* 2nd edition. Karolinum, 2011. Chapter 6.1: Principles of epidemiological studies. ISBN 978-80-246-0793-1.