

Pre-class Online Quiz - Case Control Studies

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4. Chapter: Pre-class Online Quiz - Case Control Studies

1. Pre-class Online Quiz - Case Control Studies Questions

4.1.1. It is not desirable to use a case-control study

Author: Mucho Mizinduko

It is not desirable to use a case-control study

Please choose only one answer:

- When the disease is rare
- When the exposure is rare
- When exposure data are difficult or expensive to obtain
- When the disease has a long latent period

Check the answer of this question online at QuizOver.com:

Question: [It is not desirable to use a case-control Mucho Mizinduko Pre-class](#)

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4.1.2. A case-control study was conducted to evaluate the relationship bet...

Author: Mucho Mizinduko

A case-control study was conducted to evaluate the relationship between aspirin use and the risk of colon cancer. A total of 1,500 cases and 1,500 controls were enrolled in the study. Of the cases, 1,300 reported using aspirin in the past while 700 of the controls reported using aspirin in the past. Set up the 2-by-2 table for these data.

Which measure of association should be calculated to determine the strength of the relationship between aspirin and colon cancer?

Please choose only one answer:

- Odds ratio
- Population attributable risk
- Rate ratio
- Risk ratio

Check the answer of this question online at QuizOver.com:

Question: [A case-control study was conducted to Mucho Mizinduko Pre-class Quest](#)

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4.1.3. Using the data given above in question 3, calculate the appropriate...

Author: Mucho Mizinduko

Using the data given above in question 3, calculate the appropriate measure of association. The numeric value is...

Please choose only one answer:

- 0.1
- 3.3
- 7.4
- 10.2

Check the answer of this question online at QuizOver.com:

Question: [Using the data given above in question 2 Mucho Mizinduko Pre-class](#)

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4.1.4. Which of the following is the best interpretation of the measure of...

Author: Mucho Mizinduko

Which of the following is the best interpretation of the measure of association calculated in question 4:

Please choose only one answer:

- People who have colon cancer have “x” times the odds of using aspirin compared to those who do not have colon cancer.
- People who have used aspirin have “x” times the odds of developing colon cancer compared to never-users.
- The excess risk of colon cancer among people who have used aspirin is “x”.
- The excess risk of colon cancer among people who have not used aspirin is “x”.

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is the best Mucho Mizinduko Pre-class Online](#)

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4.1.5. A study was conducted among men aged 40-70 to determine whether reg...

Author: Mucho Mizinduko

A study was conducted among men aged 40-70 to determine whether regularly exercising two or more hours per week decreases the likelihood of having a heart attack. Cases were 1,000 men who had recently had a heart attack; of these 200 reported that they had regularly exercised for two or more hours per week prior to their heart attack. Controls were 2,000 men who had never had a heart attack; of these, 750 reported that they regularly exercised two or more hours per week. Set up the 2-by-2 table for these data. The numeric value of the appropriate measure of association for these data is . . .

Please choose only one answer:

- 0.42
- 0.54
- 1.85
- 2.38

Check the answer of this question online at QuizOver.com:

Question: [A study was conducted among men aged 40- Mucho Mizinduko Pre-class](#)

Flashcards:

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Interactive Question:

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4.1.6. Case-control studies are efficient for studying multiple health eff...

Author: Mucho Mizinduko

Case-control studies are efficient for studying multiple health effects (diseases) caused by a single exposure

Please choose only one answer:

- True
- False

Check the answer of this question online at QuizOver.com:

Question: [Case-control studies are efficient for Mucho Mizinduko Pre-class](#)

Flashcards:

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4.1.7. Which of the following statements is true regarding case-control st...

Author: [Mucho Mizinduko](#)

Which of the following statements is true regarding case-control studies?

Please choose only one answer:

- Like cohort studies, case-control studies compare incidences
- The odds ratio provides a fairly accurate estimate of a relative risk given that the outcome is uncommon
- An odds ratio can only be calculated in case-control studies and not in cohort type studies
- It is not correct to interpret an odds ratio as if it were a risk ratio

Check the answer of this question online at [QuizOver.com](#):

Question: [Which of the following statements is true Mucho Mizinduko Pre-class](#)

Flashcards:

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4.1.8. Which of the following statements about case-control studies are tr...

Author: Mucho Mizinduko

Which of the following statements about case-control studies are true? (Choose all that apply)

Please choose all the answers that apply:

- They are generally less costly than prospective cohort studies
- They are efficient for assessing diseases with long term latency (the period between exposure and disease occurrence)
- They are not efficient for rare exposures
- They are not efficient for rare outcomes

Check the answer of this question online at QuizOver.com:

Question: [Which of the following statements about Mucho Mizinduko Pre-class](#)

Flashcards:

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Interactive Question:

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4.1.9. This question is based on the following article: Handheld Cellular ...

Author: Mucho Mizinduko

This question is based on the following article: Handheld Cellular Telephone Use and Risk of Brain Cancer. JAMA: 2000 Dec; 284(23):3001 -3007. In this study, 469 men and women with brain cancer aged 18-80 years from participating hospitals were matched to 422 controls from those same hospitals. The investigators subsequently compared their past and current use of cellular telephones. After adjusting for confounders, the odds ratio comparing those who never used cellular telephones with past or present users was 0.85 (95% CI: 0.6-1.2). From the information above, which of the following are correct? (Select all that apply.)

Please choose all the answers that apply:

- This type of study is efficient in comparing rare outcomes.
- One of the goals of choosing controls from the same hospitals as the cases in this study was to avoid selection bias.
- The internal validity of the study would have been improved if the controls were selected from the general population.
- In general, this type of study is prone to selection bias, because it is retrospective, and outcome status has already been established at the beginning of the study.

Check the answer of this question online at QuizOver.com:

Question: [This question is based on the following Mucho Mizinduko Pre-class](#)

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