

## BAITING FOR PLAGUE IN CARIBBEAN ISLANDS

1. The following table shows the results of a study on the effectiveness of a baiting program in a Caribbean island. The data are presented in a 2x2 contingency table.

2. Calculate the expected frequencies for each cell in the table. Show your work.

3. Calculate the chi-square test statistic for the data. Show your work.

4. Determine the p-value for the test. Show your work.

5. Interpret the results of the test. What does the p-value tell you about the effectiveness of the baiting program?

6. Write a short paragraph summarizing the findings of the study and your conclusions.

7. Discuss any limitations of the study and suggest ways to improve the results.

8. Provide a conclusion based on the data and your analysis.

9. Write a final paragraph summarizing the entire study and your findings.

10. Reflect on the importance of statistical analysis in public health research.

11. Discuss the role of the researcher in ensuring the accuracy and reliability of the data.

12. Write a final paragraph summarizing the study and your conclusions.

13. Reflect on the importance of statistical analysis in public health research.

14. Discuss the role of the researcher in ensuring the accuracy and reliability of the data.

