1 Summary

The goal of this project is to study what effect if any the socio-economic status and the boy scout status of an individual have on their delinquency status. The analysis shows that while their boy scout status has no significant effect, their socio-economic status does. Specifically, the results show that the odds of an individual from the low class being delinquent is about six times the odds of a person in the high class being delinquent and about three time the odds of person for the middle class being delinquent.

2 Descriptive Statistics

The data set that we use in the analysis consists of 800 individuals cross-classified according to their boy scout status, their socio-economic status and their delinquency status. The boy scout status has three categories (yes and no), the socio-economic status (low, middle, high) and the delinquency status has two categories (yes, no). Fifty percent of these individuals were in boy scouts. Of those who were in the boy scouts (insert what percent were delinquent) were delinquent while (insert what were delinquent) were delinquent of those where who were not (you can now insert a bar graph here) (You should add some pie charts of bar graphs here in this section)

In addition (insert %) were in the low class, (insert percent) were in the middle class and the remaining (insert percent) were in the high class. Of those who were in the low class (insert %) delinquent, while (insert % of those in the middle class and insert % of the high class were delinquent. Finally, insert percentages of the boy scout in each socio-economic class.

3 Analysis

We use logistic regression to analyze this data and the the analysis showed that the boy scout status has no significant effect on the delinquency status of an individual. In addition, the analysis shows that we can be 95% that

1. The odds an individual from low class is delinquent is a number between ....

2. The odds an individual from low class is delinquent is a number between ....

4 Conclusion

In the project we studied the effect of......

5   Appendix

Here you can show the final model