Biology 4605/7220 NAMES for credit\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25 November 2013, 27 November 2019 Count Data Worksheet

Table 5-10 from Feinberg, S.E. 1977. *The Analysis of Cross-Classified Categorical Data* shows a 2 x 2 x 2 x 2 classification of accidents outcomes.



Extract and display the 2 x 2 table of Driver Ejected x Car Weight for Not Severe Collisions.

Add the row and column totals to the table.

Define response and explanatory variables (symbol, name) and write the generalized

linear model to evaluate the relation of the frequency of ejection (Yes or No) to car weight.

Symbol Name

Model

Biology 4605/7220 NAMES for credit\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25 November 2013, 27 November 2019 Count Data Worksheet

Table 5-10 from Feinberg, S.E. 1977. *The Analysis of Cross-Classified Categorical Data* shows a 2 x 2 x 2 x 2 classification of accidents outcomes.



Extract and display the 2 x 2 table of Driver Ejected x Car Weight for Severe Collisions.

Add the row and column totals to the table.

Define response and explanatory variables (symbol, name) and write the generalized

linear model to evaluate the relation of the frequency of ejection (Yes or No) to car weight.

Symbol Name

Model

Biology 4605/7220 NAMES for credit\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25 November 2013, 27 November 2019 Count Data Worksheet

Table 5-10 from Feinberg, S.E. 1977. *The Analysis of Cross-Classified Categorical Data* shows a 2 x 2 x 2 x 2 classification of accidents outcomes.



Extract and display the 2 x 2 table of Driver Ejected x Car Weight for Not Severe Rollovers.

Add the row and column totals to the table.

Define response and explanatory variables (symbol, name) and write the generalized

linear model to evaluate the relation of the frequency of ejection (Yes or No) to car weight.

Symbol Name

Model

Biology 4605/7220 NAMES for credit\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25 November 2013, 27 November 2019 Count Data Worksheet

Table 5-10 from Feinberg, S.E. 1977. *The Analysis of Cross-Classified Categorical Data* shows a 2 x 2 x 2 x 2 classification of accidents outcomes.



Extract and display the 2 x 2 table of Driver Ejected x Car Weight for Severe Rollovers.

Add the row and column totals to the table.

Define response and explanatory variables (symbol, name) and write the generalized

linear model to evaluate the relation of the frequency of ejection (Yes or No) to car weight.

Symbol Name

Model