|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 1:** Prediction of working with others to solve community problems via Logistic Regression | | | | | | | | |
|  | r | Final Exp (B) | Block  Chi-Sq | Model  Chi-Sq | Model  -2LL | Cox & Snell R² | Nag R² | Hosmer & Lemeshow  Chi-Sq |
| **Block 1: Lifestyle assessment** |  |  | 15.451\*\* | 15.451\*\* | 553.991 | .036 | .049 | 9.888 |
| Q9. Value your neighborhood or community. | -.052 | .930 |  |  |  |  |  |  |
| Q8 Value friend. | -.065 | .943 |  |  |  |  |  |  |
| Q12. Value being an American. | -.127\*\* | .893\* |  |  |  |  |  |  |
| Q15. Value your personal or political philosophy. | .080a | 1.116\* |  |  |  |  |  |  |
| **Block 2: Neighborhood appreciation** |  |  | 39.805\*\*\* | 55.256\*\*\* | 514.187 | .124 | .166 | 9.308 |
| Q30.I feel safe and secure in my neighborhood. | -.028 | .946 |  |  |  |  |  |  |
| Q33.People like me don’t have any say about what the government does. | -.162\*\* | .910\*\* |  |  |  |  |  |  |
| Q34. Of the 10 closest neighbors, how many of their homes have you visited? | .264\*\*\* | 1.148\*\* |  |  |  |  |  |  |
| Q35.How many of your 10 closest neighbors do you know by name? | .166\*\*\* | 1.025 |  |  |  |  |  |  |
| **Block 3: Communication** |  |  | 4.409 | 59.665\*\*\* | 509.778 | .133 | .179 | 11.762 |
| Q18.Outside my house or walking down the street, I often greet people. | .063 | 1.052 |  |  |  |  |  |  |
| Q21.I’d feel comfortable voicing a complaint at a public meeting in my community | 129\*\* | 1.048 |  |  |  |  |  |  |
| Q20.I learned about community activities from the newspaper. | .055 | 1.005 |  |  |  |  |  |  |
| Q24. I generally discuss political candidates and issues with neighbors at election time. | .098\* | 1.009 |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table 2:** Classification Results(a) | | | | | |
|  | | | | | |
| Observed | | Predicted | | |
| Q52. Have you worked with others in your community to solve some community problem in the past couple of years? | | Percentage Correct |
| No | Yes |
| Q52. Have you worked with others in your community to solve some community problem in the past couple of years? | No | 193 | 51 | 79.1 |
| Yes | 81 | 94 | 53.7 |
| Overall Percentage | |  |  | 68.5 |

a The cut value is .500

Press’ Q Calculation Formula: [N-(nK)]² / N(K-1)

Where:

N=total sample size

n=number of observations correctly classified

K=number of groups

In this model:

N=419

n = 193+ 94 = 287

K = 2

Press’ Q = [419-(287\*2)]² / 419(2-1)

= [419-574]² / 419

= 24,025/ 419

Press’ Q = 57.34 df =1

Critical chi-square at 0.001 level of significance = 10.83

Our Press’ Q far exceeds the critical value, so it is highly significant (*p* < .001)