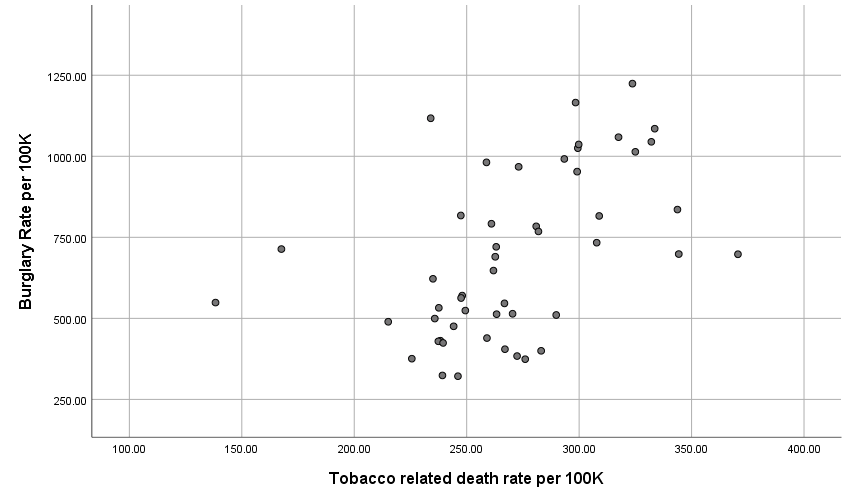
Chapter 12 SPSS Output

1a.



1bi.

|  |  |  |  |
| --- | --- | --- | --- |
| **Correlations** | | | |
|  | | Tobacco related death rate per 100K | Burglary Rate per 100K |
| Tobacco related death rate per 100K | Pearson Correlation | 1 | .500\*\* |
| Sig. (2-tailed) |  | .000 |
| N | 50 | 50 |
| Burglary Rate per 100K | Pearson Correlation | .500\*\* | 1 |
| Sig. (2-tailed) | .000 |  |
| N | 50 | 50 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | |

1c.

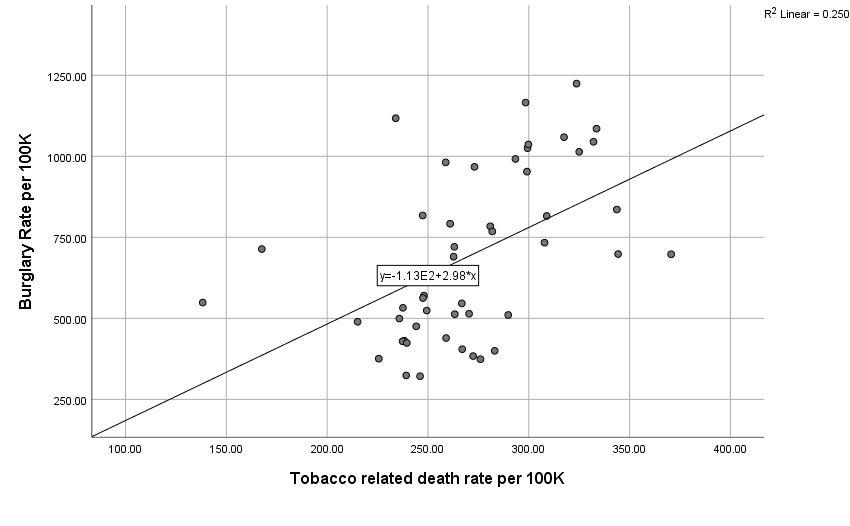
|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | Tobacco related death rate per 100Kb | . | Enter |
| a. Dependent Variable: Burglary Rate per 100K | | | |
| b. All requested variables entered. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Summary** | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .500a | .250 | .234 | 223.45552 |
| a. Predictors: (Constant), Tobacco related death rate per 100K | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 799352.773 | 1 | 799352.773 | 16.009 | .000b |
| Residual | 2396753.724 | 48 | 49932.369 |  |  |
| Total | 3196106.497 | 49 |  |  |  |
| a. Dependent Variable: Burglary Rate per 100K | | | | | | |
| b. Predictors: (Constant), Tobacco related death rate per 100K | | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | -113.055 | 203.649 |  | -.555 | .581 |
| Tobacco related death rate per 100K | 2.978 | .744 | .500 | 4.001 | .000 |
| a. Dependent Variable: Burglary Rate per 100K | | | | | | |

2a.



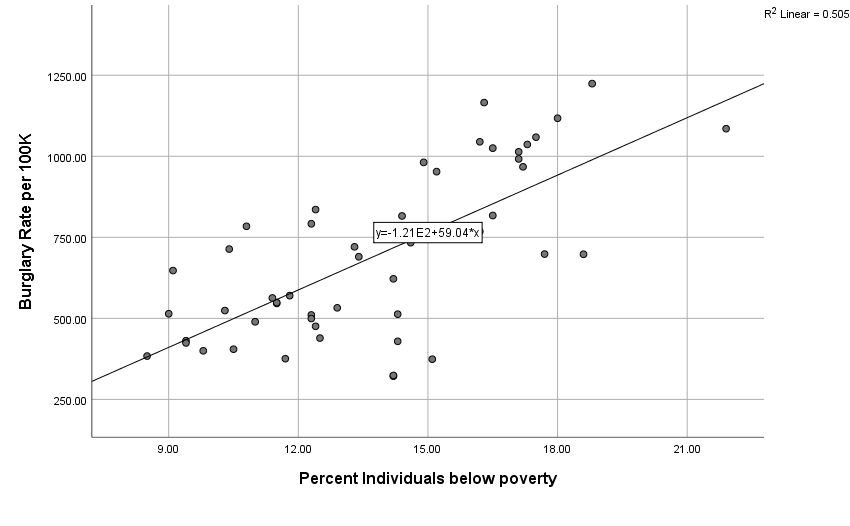
4a.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removeda** | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | Percent Individuals below povertyb | . | Enter |
| a. Dependent Variable: Burglary Rate per 100K | | | |
| b. All requested variables entered. | | | |

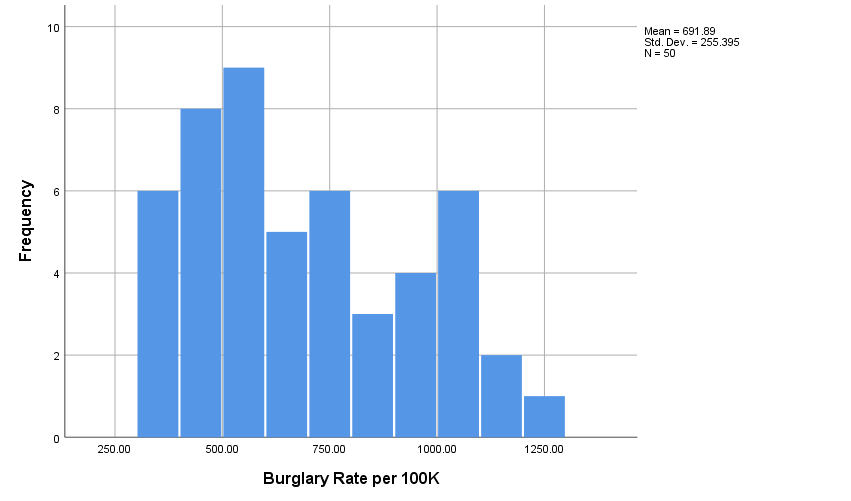
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Summary** | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .710a | .505 | .494 | 181.62009 |
| a. Predictors: (Constant), Percent Individuals below poverty | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 1612785.397 | 1 | 1612785.397 | 48.893 | .000b |
| Residual | 1583321.100 | 48 | 32985.856 |  |  |
| Total | 3196106.497 | 49 |  |  |  |
| a. Dependent Variable: Burglary Rate per 100K | | | | | | |
| b. Predictors: (Constant), Percent Individuals below poverty | | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | -120.707 | 119.017 |  | -1.014 | .316 |
| Percent Individuals below poverty | 59.038 | 8.443 | .710 | 6.992 | .000 |
| a. Dependent Variable: Burglary Rate per 100K | | | | | | |



6b.



6d.

