|  |  |  |  |
| --- | --- | --- | --- |
| Variables | | Frequency | Percentage |
| Age of the respondents | 18 Years | 36 | 9% |
| [18 – 25) | 333 | 84% |
| [26 – 35) | 23 | 6% |
| [36 - 50) | 1 | 0% |
| > 50 | 3 | 1% |
| Total | 396 | 100% |
| Sex of respondents | Male | 222 | 56 |
| Female | 174 | 44 |
| Total | 396 | 100% |
| Religious back ground of the respondents | Orthodox | 392 | 99 |
| Muslim | 4 | 1 |
| Protestant | -- | -- |
| Others | -- | -- |
| Total | 396 | 100 |
| Years of stay in the area | < 1 Year | 74 | 19% |
| 1 - 3 Years | 261 | 66% |
| 3 - 8 Years | 24 | 6% |
| > 8 Years | 37 | 9% |
| Total | 396 | 100% |

Table1: Socio-demographic characteristics of respondents

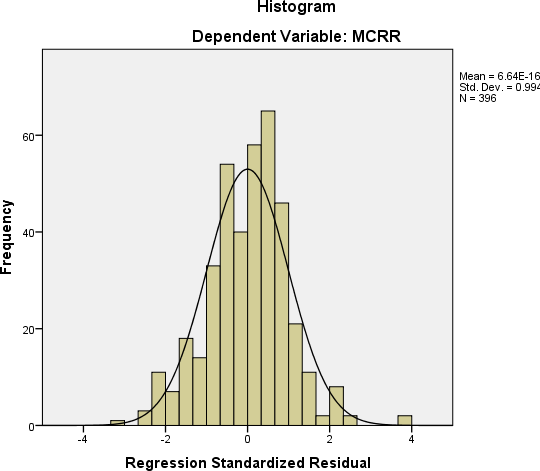
Table 2: validity and reliability test

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Mean** | **Standard Deviation** | **Cronbach's alpha value** |
| **Factor** | **Items** |  |
| 2.200 | 0.447 |  |
| ECO1 |  |  |
| 2.600 | 0.548 |  |
| ECO2 |  |  |
| 2.800 | 0.447 |  |
| ECO3 |  |  |
| Economic Factors | 2.800 | 0.447 | 0.731 |
| ECO4 |  |
| 3.000 | 0.707 |  |
| ECO5 |  |  |
| 3.000 | 0.707 |  |
| ECO6 |  |  |
| 2.600 | 0.548 |  |
| ECO7 |  |  |
| 2.200 | 0.837 |  |
| ADM1 |  |  |
| 2.800 | 0.447 |  |
| ADM2 |  |  |
| 3.400 | 0.548 |  |
| ADM3 |  |  |
| 3.200 | 0.837 |  |
| ADM4 |  |  |
| Administrative Factors | 3.000 | 0.70 7 | 0.820 |
| ADM5 |  |
| 3.000 | 0.707 |  |
| ADM6 |  |  |
| 3.000 | 0.707 |  |
| ADM7 |  |  |
| 2.800 | 0.837 |  |
| ADM8 |  |  |
| 3.000 | 0.000 |  |
| ADM9 |  |  |
| 2.800 | 0.447 |  |
| SOC1 |  |  |
| 2.600 | 0.894 |  |
| SOC2 |  |  |
| 2.600 | 0.548 |  |
| Socio-cultural Factors | SOC3 |  | 0.879 |
| 2.600 | 0.548 |
| SOC4 |  |  |
| 3.400 | 0.548 |  |
| SOC5 |  |  |
| 2.800 | 0.837 |  |
| SOC6 |  |  |
| Family Influence | 2.400 | 0.548 | 0.721 |
| FAM1 |  |
| 2.800 | 0.837 |
| FAM2 |  |
| 3.000 | 0.707 |
| FAM3 |  |
| 2.800 | 0.447 |  |
| FAM4 |  |  |
| 3.000 | 0.707 |  |
| FAM5 |  |  |
| 2.600 | 0.548 |  |
| DEM1 |  |  |
| 2.800 | 0.447 |  |
| Demographic factors | DEM2 |  | 0.832 |
| 3.000 | 0.000 |  |
| DEM3 |  |  |
| 2.200 | 0.447 |  |
| DEM4 |  |  |
| 2.400 | 0.548 |  |
| CRR1 |  |  |
| 2.800 | 0.837 |  |
| Crime Rate | CRR2 |  | 0.782 |
| 2.800 | 0.447 |  |
| CRR3 |  |  |
| 2.400 | 0.548 |  |
| CRR4 |  |  |
| 2.800 | 0.447 |  |
| FAM4 |  |  |

Table 3: Normality test

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Mean | Std. Deviation | Skewness |  | Kurtosis |  |
| Variable | statistic | statistic | statistic | Std. error | static | Std. error |
| Economic factors | 3.3775 | 0.71368 | -0.328 | 0.123 | 0.446 | 0.245 |
| Administration factor | 2.3597 | 0.80161 | -0.345 | 0.123 | 0.352 | 0.245 |
| Socio-cultural factors | 2.9412 | 0.72967 | -0.182 | 0.123 | 0.003 | 0.245 |
| Family Influence | 2.7456 | 0.74871 | -0.195 | 0.123 | 0.140 | 0.245 |
| Demographic factors | 3.1649 | 0.86768 | -0.149 | 0.123 | 0.273 | 0.245 |
| Crime | 2.9937 | 0.80894 | -0.203 | 0.123 | 0.134 | 0.245 |

Graph 1: Normality test



Graph 2: Linearity test

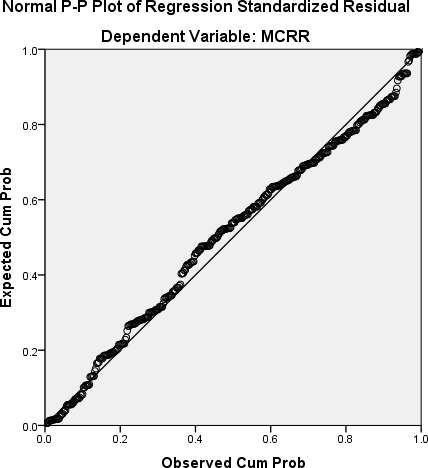


Table 4: Multicollinearity test

|  |  |  |
| --- | --- | --- |
| **Collinearity Statistics** | | |
| **Independent Variables** | **Tolerance** | **VIF** |
| Economic Factors | 0.95 | 1.053 |
| Administration Factors | 0.896 | 1.116 |
| Socio-cultural Factors | 0.811 | 1.233 |
| Family Influence | 0.825 | 1.212 |
| Demographic Factors | 0.86 | 1.163 |
| a. Dependent Variable: Crime Rate | | |

Table 5: Fitness of general model

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model** | **R** | **R Square** | **Adjusted R Square** | **Std. The error of the Estimate** |
| 1 | 639a | 0.408 | 0.396 | 0.7691 |

Table 6: The global F–test, ANOVA table *(n = 396)*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Sum of Squares** | **Df** | **Mean Square** | **F** | **Sig.** |
| Regression | 27.79168194 | 5 | 5.558336387 | 9.396711466 | 000b |
| Residual | 230.6925352 | 390 | 0.591519321 |  |  |
| Total | 258.4842172 | 395 |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Independent Variables** | **Coefficients** | **t-statistics** | **Significance** |
| (Constant) | 1.656 | 5.972 | 0.0000 |
| Economic Factors - > Crime Rate | -0.023 | -0.407 | 0.6845 |
| Administrative Factors - > Crime Rate | 0.103 | 2.012 | 0.0449 |
| Socio-cultural Factors - > Crime Rate | 0.141 | 2.392 | 0.0172 |
| Family Influence - > Crime Rate | 0.087 | 1.529 | 0.1271 |
| Demographic Factors - > Crime Rate | 0.164 | 3.408 | 0.0007 |
| 1. Dependent Variable: Crime Rate   *Source: survey, 2022* | | | |

Table7**:** Coefficients of the Regression Analysis: Regression analysis result

Table 8: Influence of Demographic Variables on Crime

|  |  |  |  |
| --- | --- | --- | --- |
| **Hypothesis** | **Bta** | **p-value** | **Results** |
| H1: Economic factors have a significant effect on the crime rate | -.023 | 0.6845 | Not accepted |
| H2: Administrative factors have a significant effect on the crime rate | 0.103 | 0.0449 | Accepted |
| H3: Socio-cultural factors have a significant effect on the crime rate | 0.141 | 0.0172 | Accepted |
| H4: Family influence has a significant effect on the crime rate | 0.087 | 0.1271 | Not accepted |
| H5: Demographic factors have a significant effect on the crime rate (SGZ) | 0.164 | 0.0007 | Accepted |