**Lampiran 8. Deskripsi Data**

**Statistics**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | X1 | X2 | X3 | Y |
| N | Valid | 351 | 351 | 351 | 351 |
| Missing | 0 | 0 | 0 | 0 |
| Mean | | 62.07 | 34.21 | 39.32 | 65.08 |
| Median | | 63.00 | 34.00 | 41.00 | 64.00 |
| Mode | | 65 | 34 | 42 | 62 |
| Std. Deviation | | 10.951 | 7.200 | 7.591 | 11.027 |
| Variance | | 119.926 | 51.837 | 57.618 | 121.585 |
| Range | | 56 | 34 | 38 | 66 |
| Minimum | | 29 | 16 | 17 | 24 |
| Maximum | | 85 | 50 | 55 | 90 |
| Sum | | 21788 | 12009 | 13801 | 22844 |

**Frequency Table**

**X1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 29 | 1 | .3 | .3 | .3 |
| 31 | 2 | .6 | .6 | .9 |
| 35 | 1 | .3 | .3 | 1.1 |
| 37 | 1 | .3 | .3 | 1.4 |
| 39 | 8 | 2.3 | 2.3 | 3.7 |
| 41 | 1 | .3 | .3 | 4.0 |
| 42 | 4 | 1.1 | 1.1 | 5.1 |
| 43 | 2 | .6 | .6 | 5.7 |
| 44 | 3 | .9 | .9 | 6.6 |
| 45 | 13 | 3.7 | 3.7 | 10.3 |
| 46 | 3 | .9 | .9 | 11.1 |
| 47 | 4 | 1.1 | 1.1 | 12.3 |
| 48 | 6 | 1.7 | 1.7 | 14.0 |
| 49 | 2 | .6 | .6 | 14.5 |
| 50 | 5 | 1.4 | 1.4 | 16.0 |
| 51 | 8 | 2.3 | 2.3 | 18.2 |
| 52 | 6 | 1.7 | 1.7 | 19.9 |
| 53 | 6 | 1.7 | 1.7 | 21.7 |
| 54 | 5 | 1.4 | 1.4 | 23.1 |
| 55 | 2 | .6 | .6 | 23.6 |
| 56 | 10 | 2.8 | 2.8 | 26.5 |
| 57 | 10 | 2.8 | 2.8 | 29.3 |
| 58 | 11 | 3.1 | 3.1 | 32.5 |
| 59 | 6 | 1.7 | 1.7 | 34.2 |
| 60 | 11 | 3.1 | 3.1 | 37.3 |
| 61 | 20 | 5.7 | 5.7 | 43.0 |
| 62 | 4 | 1.1 | 1.1 | 44.2 |
| 63 | 21 | 6.0 | 6.0 | 50.1 |
| 64 | 18 | 5.1 | 5.1 | 55.3 |
| 65 | 22 | 6.3 | 6.3 | 61.5 |
| 66 | 13 | 3.7 | 3.7 | 65.2 |
| 67 | 20 | 5.7 | 5.7 | 70.9 |
| 68 | 14 | 4.0 | 4.0 | 74.9 |
| 69 | 10 | 2.8 | 2.8 | 77.8 |
| 70 | 7 | 2.0 | 2.0 | 79.8 |
| 71 | 6 | 1.7 | 1.7 | 81.5 |
| 72 | 6 | 1.7 | 1.7 | 83.2 |
| 73 | 12 | 3.4 | 3.4 | 86.6 |
| 74 | 3 | .9 | .9 | 87.5 |
| 75 | 1 | .3 | .3 | 87.7 |
| 76 | 11 | 3.1 | 3.1 | 90.9 |
| 77 | 5 | 1.4 | 1.4 | 92.3 |
| 78 | 3 | .9 | .9 | 93.2 |
| 79 | 3 | .9 | .9 | 94.0 |
| 80 | 8 | 2.3 | 2.3 | 96.3 |
| 81 | 7 | 2.0 | 2.0 | 98.3 |
| 84 | 4 | 1.1 | 1.1 | 99.4 |
| 85 | 2 | .6 | .6 | 100.0 |
| Total | 351 | 100.0 | 100.0 |  |

**X2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 16 | 3 | .9 | .9 | .9 |
| 18 | 4 | 1.1 | 1.1 | 2.0 |
| 19 | 3 | .9 | .9 | 2.8 |
| 21 | 3 | .9 | .9 | 3.7 |
| 22 | 7 | 2.0 | 2.0 | 5.7 |
| 23 | 2 | .6 | .6 | 6.3 |
| 24 | 14 | 4.0 | 4.0 | 10.3 |
| 25 | 8 | 2.3 | 2.3 | 12.5 |
| 26 | 13 | 3.7 | 3.7 | 16.2 |
| 27 | 5 | 1.4 | 1.4 | 17.7 |
| 28 | 13 | 3.7 | 3.7 | 21.4 |
| 29 | 11 | 3.1 | 3.1 | 24.5 |
| 30 | 16 | 4.6 | 4.6 | 29.1 |
| 31 | 20 | 5.7 | 5.7 | 34.8 |
| 32 | 14 | 4.0 | 4.0 | 38.7 |
| 33 | 18 | 5.1 | 5.1 | 43.9 |
| 34 | 36 | 10.3 | 10.3 | 54.1 |
| 35 | 17 | 4.8 | 4.8 | 59.0 |
| 36 | 10 | 2.8 | 2.8 | 61.8 |
| 37 | 12 | 3.4 | 3.4 | 65.2 |
| 38 | 23 | 6.6 | 6.6 | 71.8 |
| 39 | 19 | 5.4 | 5.4 | 77.2 |
| 40 | 11 | 3.1 | 3.1 | 80.3 |
| 41 | 20 | 5.7 | 5.7 | 86.0 |
| 42 | 9 | 2.6 | 2.6 | 88.6 |
| 43 | 2 | .6 | .6 | 89.2 |
| 44 | 4 | 1.1 | 1.1 | 90.3 |
| 45 | 11 | 3.1 | 3.1 | 93.4 |
| 46 | 7 | 2.0 | 2.0 | 95.4 |
| 47 | 1 | .3 | .3 | 95.7 |
| 48 | 5 | 1.4 | 1.4 | 97.2 |
| 49 | 7 | 2.0 | 2.0 | 99.1 |
| 50 | 3 | .9 | .9 | 100.0 |
| Total | 351 | 100.0 | 100.0 |  |

**X3**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 17 | 2 | .6 | .6 | .6 |
| 18 | 4 | 1.1 | 1.1 | 1.7 |
| 19 | 1 | .3 | .3 | 2.0 |
| 20 | 1 | .3 | .3 | 2.3 |
| 23 | 3 | .9 | .9 | 3.1 |
| 24 | 3 | .9 | .9 | 4.0 |
| 25 | 4 | 1.1 | 1.1 | 5.1 |
| 26 | 9 | 2.6 | 2.6 | 7.7 |
| 27 | 5 | 1.4 | 1.4 | 9.1 |
| 28 | 6 | 1.7 | 1.7 | 10.8 |
| 29 | 7 | 2.0 | 2.0 | 12.8 |
| 30 | 3 | .9 | .9 | 13.7 |
| 31 | 4 | 1.1 | 1.1 | 14.8 |
| 32 | 9 | 2.6 | 2.6 | 17.4 |
| 33 | 10 | 2.8 | 2.8 | 20.2 |
| 34 | 9 | 2.6 | 2.6 | 22.8 |
| 35 | 10 | 2.8 | 2.8 | 25.6 |
| 36 | 12 | 3.4 | 3.4 | 29.1 |
| 37 | 9 | 2.6 | 2.6 | 31.6 |
| 38 | 21 | 6.0 | 6.0 | 37.6 |
| 39 | 27 | 7.7 | 7.7 | 45.3 |
| 40 | 15 | 4.3 | 4.3 | 49.6 |
| 41 | 26 | 7.4 | 7.4 | 57.0 |
| 42 | 34 | 9.7 | 9.7 | 66.7 |
| 43 | 21 | 6.0 | 6.0 | 72.6 |
| 44 | 19 | 5.4 | 5.4 | 78.1 |
| 45 | 16 | 4.6 | 4.6 | 82.6 |
| 46 | 12 | 3.4 | 3.4 | 86.0 |
| 47 | 7 | 2.0 | 2.0 | 88.0 |
| 48 | 6 | 1.7 | 1.7 | 89.7 |
| 49 | 8 | 2.3 | 2.3 | 92.0 |
| 50 | 5 | 1.4 | 1.4 | 93.4 |
| 51 | 9 | 2.6 | 2.6 | 96.0 |
| 52 | 3 | .9 | .9 | 96.9 |
| 53 | 5 | 1.4 | 1.4 | 98.3 |
| 54 | 3 | .9 | .9 | 99.1 |
| 55 | 3 | .9 | .9 | 100.0 |
| Total | 351 | 100.0 | 100.0 |  |

**Y**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 24 | 1 | .3 | .3 | .3 |
| 31 | 1 | .3 | .3 | .6 |
| 32 | 1 | .3 | .3 | .9 |
| 35 | 1 | .3 | .3 | 1.1 |
| 36 | 1 | .3 | .3 | 1.4 |
| 38 | 1 | .3 | .3 | 1.7 |
| 41 | 1 | .3 | .3 | 2.0 |
| 42 | 2 | .6 | .6 | 2.6 |
| 46 | 5 | 1.4 | 1.4 | 4.0 |
| 47 | 1 | .3 | .3 | 4.3 |
| 48 | 7 | 2.0 | 2.0 | 6.3 |
| 49 | 4 | 1.1 | 1.1 | 7.4 |
| 50 | 9 | 2.6 | 2.6 | 10.0 |
| 51 | 4 | 1.1 | 1.1 | 11.1 |
| 52 | 1 | .3 | .3 | 11.4 |
| 53 | 9 | 2.6 | 2.6 | 14.0 |
| 54 | 5 | 1.4 | 1.4 | 15.4 |
| 55 | 5 | 1.4 | 1.4 | 16.8 |
| 56 | 12 | 3.4 | 3.4 | 20.2 |
| 57 | 4 | 1.1 | 1.1 | 21.4 |
| 58 | 7 | 2.0 | 2.0 | 23.4 |
| 59 | 5 | 1.4 | 1.4 | 24.8 |
| 60 | 17 | 4.8 | 4.8 | 29.6 |
| 61 | 15 | 4.3 | 4.3 | 33.9 |
| 62 | 25 | 7.1 | 7.1 | 41.0 |
| 63 | 23 | 6.6 | 6.6 | 47.6 |
| 64 | 17 | 4.8 | 4.8 | 52.4 |
| 65 | 15 | 4.3 | 4.3 | 56.7 |
| 66 | 7 | 2.0 | 2.0 | 58.7 |
| 67 | 9 | 2.6 | 2.6 | 61.3 |
| 68 | 9 | 2.6 | 2.6 | 63.8 |
| 69 | 16 | 4.6 | 4.6 | 68.4 |
| 70 | 8 | 2.3 | 2.3 | 70.7 |
| 71 | 12 | 3.4 | 3.4 | 74.1 |
| 72 | 4 | 1.1 | 1.1 | 75.2 |
| 73 | 11 | 3.1 | 3.1 | 78.3 |
| 74 | 10 | 2.8 | 2.8 | 81.2 |
| 75 | 3 | .9 | .9 | 82.1 |
| 76 | 9 | 2.6 | 2.6 | 84.6 |
| 77 | 4 | 1.1 | 1.1 | 85.8 |
| 78 | 2 | .6 | .6 | 86.3 |
| 79 | 5 | 1.4 | 1.4 | 87.7 |
| 80 | 2 | .6 | .6 | 88.3 |
| 81 | 7 | 2.0 | 2.0 | 90.3 |
| 82 | 8 | 2.3 | 2.3 | 92.6 |
| 83 | 11 | 3.1 | 3.1 | 95.7 |
| 84 | 3 | .9 | .9 | 96.6 |
| 85 | 2 | .6 | .6 | 97.2 |
| 86 | 2 | .6 | .6 | 97.7 |
| 87 | 3 | .9 | .9 | 98.6 |
| 88 | 1 | .3 | .3 | 98.9 |
| 89 | 3 | .9 | .9 | 99.7 |
| 90 | 1 | .3 | .3 | 100.0 |
| Total | 351 | 100.0 | 100.0 |  |

**Lampiran 9. Histogram**



**Lampiran 11. Uji Persyaratan Analisis**

UJI NORMALITAS

**One-Sample Kolmogorov-Smirnov Test**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | X1 | X2 | X3 | Y |
| N | | 351 | 351 | 351 | 351 |
| Normal Parameters(a,b) | Mean | 62.07 | 34.21 | 39.32 | 65.08 |
| Std. Deviation | 10.951 | 7.200 | 7.591 | 11.027 |
| Most Extreme Differences | Absolute | .092 | .053 | .115 | .075 |
| Positive | .043 | .053 | .053 | .070 |
| Negative | -.092 | -.049 | -.115 | -.075 |
| Kolmogorov-Smirnov Z | | 1.725 | .996 | 2.150 | 1.397 |
| Asymp. Sig. (2-tailed) | | .085 | .275 | .332 | .140 |

a Test distribution is Normal.

b Calculated from data.

UJI HOMOGENITAS

**Test of Homogeneity of Variances**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Levene Statistic | df1 | df2 | Sig. |
| X1 | 16.341 | 2 | 348 | .885 |
| X2 | 19.619 | 2 | 348 | .802 |
| X3 | 32.102 | 2 | 348 | .844 |
| Y | 28.369 | 2 | 348 | .302 |

**ANOVA**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Sum of Squares | df | Mean Square | F | Sig. |
| X1 | Between Groups | 385.658 | 2 | 192.829 | 1.614 | .201 |
| Within Groups | 41588.416 | 348 | 119.507 |  |  |
| Total | 41974.074 | 350 |  |  |  |
| X2 | Between Groups | 73.734 | 2 | 36.867 | .710 | .492 |
| Within Groups | 18069.240 | 348 | 51.923 |  |  |
| Total | 18142.974 | 350 |  |  |  |
| X3 | Between Groups | 1466.506 | 2 | 733.253 | 13.646 | .000 |
| Within Groups | 18699.756 | 348 | 53.735 |  |  |
| Total | 20166.262 | 350 |  |  |  |
| Y | Between Groups | 339.147 | 2 | 169.573 | 1.398 | .249 |
| Within Groups | 42215.457 | 348 | 121.309 |  |  |
| Total | 42554.604 | 350 |  |  |  |

UJI LINIERITAS

**Case Processing Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cases | | | | | |
| Included | | Excluded | | Total | |
| N | Percent | N | Percent | N | Percent |
| Y \* X1 | 351 | 100.0% | 0 | .0% | 351 | 100.0% |

**Report**

Y

|  |  |  |  |
| --- | --- | --- | --- |
| X1 | Mean | N | Std. Deviation |
| 29 | 36.00 | 1 | . |
| 31 | 47.00 | 2 | 22.627 |
| 35 | 69.00 | 1 | . |
| 37 | 35.00 | 1 | . |
| 39 | 52.00 | 8 | 8.071 |
| 41 | 42.00 | 1 | . |
| 42 | 55.50 | 4 | 12.662 |
| 43 | 48.50 | 2 | 9.192 |
| 44 | 50.33 | 3 | 5.859 |
| 45 | 59.69 | 13 | 6.102 |
| 46 | 51.67 | 3 | 8.145 |
| 47 | 56.00 | 4 | 7.118 |
| 48 | 55.83 | 6 | 8.377 |
| 49 | 60.00 | 2 | 19.799 |
| 50 | 50.00 | 5 | 7.071 |
| 51 | 56.75 | 8 | 15.953 |
| 52 | 54.83 | 6 | 8.681 |
| 53 | 61.17 | 6 | 9.704 |
| 54 | 58.20 | 5 | 4.324 |
| 55 | 56.00 | 2 | .000 |
| 56 | 59.80 | 10 | 7.099 |
| 57 | 61.60 | 10 | 6.670 |
| 58 | 65.09 | 11 | 5.991 |
| 59 | 67.50 | 6 | 8.849 |
| 60 | 60.09 | 11 | 12.186 |
| 61 | 64.25 | 20 | 6.758 |
| 62 | 60.75 | 4 | 2.630 |
| 63 | 66.81 | 21 | 7.776 |
| 64 | 67.78 | 18 | 7.635 |
| 65 | 65.82 | 22 | 4.328 |
| 66 | 63.62 | 13 | 4.234 |
| 67 | 68.25 | 20 | 9.508 |
| 68 | 67.43 | 14 | 8.715 |
| 69 | 68.70 | 10 | 5.208 |
| 70 | 74.71 | 7 | 6.264 |
| 71 | 74.33 | 6 | 8.618 |
| 72 | 72.17 | 6 | 10.610 |
| 73 | 71.17 | 12 | 8.590 |
| 74 | 56.67 | 3 | 7.506 |
| 75 | 83.00 | 1 | . |
| 76 | 77.27 | 11 | 9.067 |
| 77 | 76.00 | 5 | 13.435 |
| 78 | 72.00 | 3 | 10.536 |
| 79 | 74.00 | 3 | 12.124 |
| 80 | 77.00 | 8 | 8.332 |
| 81 | 82.86 | 7 | 6.669 |
| 84 | 77.00 | 4 | 8.124 |
| 85 | 85.00 | 2 | 2.828 |
| Total | 65.08 | 351 | 11.027 |

**ANOVA Table**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | Sum of Squares | df | Mean Square | F | Sig. |
| Y \* X1 | Between Groups | (Combined) | 21725.438 | 47 | 462.243 | 6.724 | .000 |
|  |  | Linearity | 17548.250 | 1 | 17548.250 | 255.273 | .000 |
|  |  | Deviation from Linearity | 4177.188 | 46 | 90.808 | 1.321 | .090 |
|  | Within Groups | | 20829.166 | 303 | 68.743 |  |  |
|  | Total | | 42554.604 | 350 |  |  |  |

**Measures of Association**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | R | R Squared | Eta | Eta Squared |
| Y \* X1 | .642 | .412 | .715 | .511 |

**Case Processing Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cases | | | | | |
| Included | | Excluded | | Total | |
| N | Percent | N | Percent | N | Percent |
| Y \* X2 | 351 | 100.0% | 0 | .0% | 351 | 100.0% |

**Report**

Y

|  |  |  |  |
| --- | --- | --- | --- |
| X2 | Mean | N | Std. Deviation |
| 16 | 45.00 | 3 | 8.544 |
| 18 | 45.75 | 4 | 7.632 |
| 19 | 54.67 | 3 | 8.963 |
| 21 | 46.67 | 3 | 4.041 |
| 22 | 53.00 | 7 | 10.344 |
| 23 | 48.50 | 2 | 9.192 |
| 24 | 50.79 | 14 | 9.878 |
| 25 | 54.13 | 8 | 10.921 |
| 26 | 59.00 | 13 | 7.371 |
| 27 | 56.80 | 5 | 3.834 |
| 28 | 56.69 | 13 | 7.825 |
| 29 | 66.91 | 11 | 8.348 |
| 30 | 61.50 | 16 | 4.211 |
| 31 | 64.25 | 20 | 4.266 |
| 32 | 61.57 | 14 | 12.420 |
| 33 | 64.94 | 18 | 6.821 |
| 34 | 62.28 | 36 | 3.754 |
| 35 | 62.35 | 17 | 6.264 |
| 36 | 63.40 | 10 | 6.059 |
| 37 | 66.75 | 12 | 8.346 |
| 38 | 72.30 | 23 | 7.326 |
| 39 | 71.95 | 19 | 5.452 |
| 40 | 71.91 | 11 | 12.802 |
| 41 | 72.40 | 20 | 10.241 |
| 42 | 73.89 | 9 | 8.623 |
| 43 | 75.50 | 2 | 3.536 |
| 44 | 80.75 | 4 | 4.573 |
| 45 | 74.00 | 11 | 11.091 |
| 46 | 78.57 | 7 | 5.350 |
| 47 | 84.00 | 1 | . |
| 48 | 76.00 | 5 | 9.434 |
| 49 | 79.14 | 7 | 5.014 |
| 50 | 86.33 | 3 | 3.055 |
| Total | 65.08 | 351 | 11.027 |

**ANOVA Table**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | Sum of Squares | df | Mean Square | F | Sig. |
| Y \* X2 | Between Groups | (Combined) | 23497.530 | 32 | 734.298 | 12.253 | .000 |
|  |  | Linearity | 20902.252 | 1 | 20902.252 | 348.790 | .000 |
|  |  | Deviation from Linearity | 2595.278 | 31 | 83.719 | 1.397 | .083 |
|  | Within Groups | | 19057.074 | 318 | 59.928 |  |  |
|  | Total | | 42554.604 | 350 |  |  |  |

**Measures of Association**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | R | R Squared | Eta | Eta Squared |
| Y \* X2 | .701 | .491 | .743 | .552 |

**Case Processing Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cases | | | | | |
| Included | | Excluded | | Total | |
| N | Percent | N | Percent | N | Percent |
| Y \* X3 | 351 | 100.0% | 0 | .0% | 351 | 100.0% |

**Report**

Y

|  |  |  |  |
| --- | --- | --- | --- |
| X3 | Mean | N | Std. Deviation |
| 17 | 42.50 | 2 | 14.849 |
| 18 | 41.75 | 4 | 6.238 |
| 19 | 47.00 | 1 | . |
| 20 | 36.00 | 1 | . |
| 23 | 37.00 | 3 | 11.533 |
| 24 | 39.67 | 3 | 7.767 |
| 25 | 53.00 | 4 | 3.464 |
| 26 | 51.44 | 9 | 4.927 |
| 27 | 49.00 | 5 | 2.236 |
| 28 | 52.50 | 6 | 5.683 |
| 29 | 59.14 | 7 | 8.952 |
| 30 | 56.67 | 3 | 7.638 |
| 31 | 61.75 | 4 | 6.292 |
| 32 | 58.78 | 9 | 6.300 |
| 33 | 59.60 | 10 | 6.552 |
| 34 | 59.22 | 9 | 4.631 |
| 35 | 60.90 | 10 | 9.049 |
| 36 | 64.17 | 12 | 8.397 |
| 37 | 59.56 | 9 | 5.897 |
| 38 | 62.95 | 21 | 4.213 |
| 39 | 65.37 | 27 | 8.101 |
| 40 | 67.40 | 15 | 6.833 |
| 41 | 67.62 | 26 | 6.223 |
| 42 | 66.79 | 34 | 5.698 |
| 43 | 65.81 | 21 | 6.478 |
| 44 | 68.32 | 19 | 9.434 |
| 45 | 72.63 | 16 | 10.417 |
| 46 | 66.67 | 12 | 8.784 |
| 47 | 78.43 | 7 | 7.254 |
| 48 | 67.67 | 6 | 5.428 |
| 49 | 78.75 | 8 | 3.240 |
| 50 | 77.60 | 5 | 5.814 |
| 51 | 81.78 | 9 | 3.563 |
| 52 | 82.00 | 3 | 7.937 |
| 53 | 83.40 | 5 | 4.879 |
| 54 | 80.00 | 3 | 3.000 |
| 55 | 86.33 | 3 | 3.055 |
| Total | 65.08 | 351 | 11.027 |

**ANOVA Table**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | Sum of Squares | df | Mean Square | F | Sig. |
| Y \* X3 | Between Groups | (Combined) | 27332.900 | 36 | 759.247 | 15.662 | .000 |
|  |  | Linearity | 24400.865 | 1 | 24400.865 | 503.352 | .000 |
|  |  | Deviation from Linearity | 2932.035 | 35 | 83.772 | 1.728 | .068 |
|  | Within Groups | | 15221.704 | 314 | 48.477 |  |  |
|  | Total | | 42554.604 | 350 |  |  |  |

**Measures of Association**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | R | R Squared | Eta | Eta Squared |
| Y \* X3 | .757 | .573 | .801 | .642 |

PENGUJIAN HIPOTESIS

**X1 -> Y**

**Variables Entered/Removed(b)**

|  |  |  |  |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | X1(a) | . | Enter |

a All requested variables entered.

b Dependent Variable: Y

**Model Summary(b)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .642(a) | .412 | .411 | 8.465 |

a Predictors: (Constant), X1

b Dependent Variable: Y

**ANOVA(b)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model |  | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 17548.250 | 1 | 17548.250 | 244.911 | .000(a) |
| Residual | 25006.354 | 349 | 71.651 |  |  |
| Total | 42554.604 | 350 |  |  |  |

a Predictors: (Constant), X1

b Dependent Variable: Y

**Coefficients(a)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model |  | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 24.946 | 2.604 |  | 9.579 | .000 |
| X1 | .647 | .041 | .642 | 15.650 | .000 |

a Dependent Variable: Y

**Casewise Diagnostics(a)**

|  |  |  |
| --- | --- | --- |
| Case Number | Std. Residual | Y |
| 75 | -4.007 | 24 |
| 83 | -3.750 | 32 |

a Dependent Variable: Y

**Residuals Statistics(a)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 43.70 | 79.91 | 65.08 | 7.081 | 351 |
| Std. Predicted Value | -3.020 | 2.093 | .000 | 1.000 | 351 |
| Standard Error of Predicted Value | .452 | 1.439 | .611 | .187 | 351 |
| Adjusted Predicted Value | 43.93 | 79.86 | 65.08 | 7.082 | 351 |
| Residual | -33.92 | 24.08 | .00 | 8.453 | 351 |
| Std. Residual | -4.007 | 2.844 | .000 | .999 | 351 |
| Stud. Residual | -4.019 | 2.853 | .000 | 1.002 | 351 |
| Deleted Residual | -34.12 | 24.22 | .00 | 8.509 | 351 |
| Stud. Deleted Residual | -4.110 | 2.882 | .000 | 1.006 | 351 |
| Mahal. Distance | .000 | 9.121 | .997 | 1.381 | 351 |
| Cook's Distance | .000 | .068 | .003 | .007 | 351 |
| Centered Leverage Value | .000 | .026 | .003 | .004 | 351 |

a Dependent Variable: Y





**X2->Y**

**Variables Entered/Removed(b)**

|  |  |  |  |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | X2(a) | . | Enter |

a All requested variables entered.

b Dependent Variable: Y

**Model Summary(b)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .701(a) | .491 | .490 | 7.877 |

a Predictors: (Constant), X2

b Dependent Variable: Y

**ANOVA(b)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model |  | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 20902.252 | 1 | 20902.252 | 336.910 | .000(a) |
| Residual | 21652.352 | 349 | 62.041 |  |  |
| Total | 42554.604 | 350 |  |  |  |

a Predictors: (Constant), X2

b Dependent Variable: Y

**Coefficients(a)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model |  | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 28.359 | 2.044 |  | 13.872 | .000 |
| X2 | 1.073 | .058 | .701 | 18.355 | .000 |

a Dependent Variable: Y

**Casewise Diagnostics(a)**

|  |  |  |
| --- | --- | --- |
| Case Number | Std. Residual | Y |
| 75 | -4.914 | 24 |
| 106 | -3.094 | 48 |
| 109 | -3.004 | 53 |

a Dependent Variable: Y

**Residuals Statistics(a)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 45.53 | 82.03 | 65.08 | 7.728 | 351 |
| Std. Predicted Value | -2.530 | 2.193 | .000 | 1.000 | 351 |
| Standard Error of Predicted Value | .421 | 1.145 | .571 | .167 | 351 |
| Adjusted Predicted Value | 45.37 | 82.01 | 65.08 | 7.728 | 351 |
| Residual | -38.71 | 22.03 | .00 | 7.865 | 351 |
| Std. Residual | -4.914 | 2.796 | .000 | .999 | 351 |
| Stud. Residual | -4.922 | 2.812 | .000 | 1.002 | 351 |
| Deleted Residual | -38.83 | 22.27 | .00 | 7.912 | 351 |
| Stud. Deleted Residual | -5.095 | 2.840 | -.001 | 1.007 | 351 |
| Mahal. Distance | .001 | 6.400 | .997 | 1.300 | 351 |
| Cook's Distance | .000 | .044 | .003 | .006 | 351 |
| Centered Leverage Value | .000 | .018 | .003 | .004 | 351 |

a Dependent Variable: Y



**X3 ->Y**

**Variables Entered/Removed(b)**

|  |  |  |  |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | X3(a) | . | Enter |

a All requested variables entered.

b Dependent Variable: Y

**Model Summary(b)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .757(a) | .573 | .572 | 7.212 |

a Predictors: (Constant), X3

b Dependent Variable: Y

**ANOVA(b)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model |  | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 24400.865 | 1 | 24400.865 | 469.099 | .000(a) |
| Residual | 18153.739 | 349 | 52.016 |  |  |
| Total | 42554.604 | 350 |  |  |  |

a Predictors: (Constant), X3

b Dependent Variable: Y

**Coefficients(a)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model |  | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 21.832 | 2.034 |  | 10.735 | .000 |
| X3 | 1.100 | .051 | .757 | 21.659 | .000 |

a Dependent Variable: Y

**Casewise Diagnostics(a)**

|  |  |  |
| --- | --- | --- |
| Case Number | Std. Residual | Y |
| 44 | 3.088 | 87 |
| 48 | 3.129 | 84 |
| 75 | -3.207 | 24 |

a Dependent Variable: Y

**Residuals Statistics(a)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 40.53 | 82.33 | 65.08 | 8.350 | 351 |
| Std. Predicted Value | -2.940 | 2.066 | .000 | 1.000 | 351 |
| Standard Error of Predicted Value | .385 | 1.197 | .518 | .168 | 351 |
| Adjusted Predicted Value | 40.18 | 82.32 | 65.08 | 8.346 | 351 |
| Residual | -23.13 | 22.57 | .00 | 7.202 | 351 |
| Std. Residual | -3.207 | 3.129 | .000 | .999 | 351 |
| Stud. Residual | -3.233 | 3.134 | .000 | 1.001 | 351 |
| Deleted Residual | -23.51 | 22.65 | .00 | 7.244 | 351 |
| Stud. Deleted Residual | -3.278 | 3.175 | .000 | 1.005 | 351 |
| Mahal. Distance | .002 | 8.646 | .997 | 1.519 | 351 |
| Cook's Distance | .000 | .085 | .003 | .006 | 351 |
| Centered Leverage Value | .000 | .025 | .003 | .004 | 351 |

a Dependent Variable: Y



X1, X2, X3 -> Y

**Variables Entered/Removed(b)**

|  |  |  |  |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | X3, X1, X2(a) | . | Enter |

a All requested variables entered.

b Dependent Variable: Y

**Model Summary(b)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .789(a) | .623 | .620 | 6.801 |

a Predictors: (Constant), X3, X1, X2

b Dependent Variable: Y

**Model Summary(b)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .789(a) | .623 | .620 | 6.801 |

a Predictors: (Constant), X3, X1, X2

b Dependent Variable: Y

**ANOVA(b)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model |  | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 26506.720 | 3 | 8835.573 | 191.050 | .000(a) |
| Residual | 16047.884 | 347 | 46.248 |  |  |
| Total | 42554.604 | 350 |  |  |  |

a Predictors: (Constant), X3, X1, X2

b Dependent Variable: Y

**Coefficients(a)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model |  | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 15.468 | 2.214 |  | 6.988 | .000 |
| X1 | .194 | .049 | .193 | 3.970 | .000 |
| X2 | .275 | .090 | .179 | 3.060 | .002 |
| X3 | .716 | .077 | .493 | 9.240 | .000 |

a Dependent Variable: Y

**Casewise Diagnostics(a)**

|  |  |  |
| --- | --- | --- |
| Case Number | Std. Residual | Y |
| 75 | -3.917 | 24 |
| 109 | -3.342 | 53 |

a Dependent Variable: Y

**Residuals Statistics(a)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 39.82 | 85.10 | 65.08 | 8.702 | 351 |
| Std. Predicted Value | -2.903 | 2.300 | .000 | 1.000 | 351 |
| Standard Error of Predicted Value | .365 | 1.501 | .689 | .228 | 351 |
| Adjusted Predicted Value | 39.94 | 85.14 | 65.08 | 8.700 | 351 |
| Residual | -26.64 | 19.37 | .00 | 6.771 | 351 |
| Std. Residual | -3.917 | 2.849 | .000 | .996 | 351 |
| Stud. Residual | -3.977 | 2.879 | .000 | 1.003 | 351 |
| Deleted Residual | -27.46 | 19.79 | .00 | 6.868 | 351 |
| Stud. Deleted Residual | -4.065 | 2.910 | .000 | 1.007 | 351 |
| Mahal. Distance | .013 | 16.056 | 2.991 | 2.701 | 351 |
| Cook's Distance | .000 | .123 | .004 | .010 | 351 |
| Centered Leverage Value | .000 | .046 | .009 | .008 | 351 |

a Dependent Variable: Y

