DESCRIPTIVES VARIABLES=N1O N2O N3O N4O

/STATISTICS=MEAN STDDEV MIN MAX SEMEAN.

**Descriptives**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:22:09 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax | | DESCRIPTIVES VARIABLES=N1O N2O N3O N4O  /STATISTICS=MEAN STDDEV MIN MAX SEMEAN. |
| Resources | Processor Time | 00 00:00:00.000 |
| Elapsed Time | 00 00:00:00.000 |

[DataSet0]

| **Descriptive Statistics** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | N | Minimum | Maximum | Mean | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Std. Error | Statistic |
| N1O | 144 | 1.44 | 2.94 | 2.1514 | .03395 | .40735 |
| N2O | 144 | .79 | 1.99 | 1.2337 | .02322 | .27860 |
| N3O | 144 | 2.17 | 5.48 | 3.1826 | .06664 | .79965 |
| N4O | 144 | .71 | 1.88 | 1.0436 | .02629 | .31550 |
| Valid N (listwise) | 144 |  |  |  |  |  |

DESCRIPTIVES VARIABLES=N1P N2P N3P N4P

/STATISTICS=MEAN STDDEV MIN MAX SEMEAN.

**Descriptives**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:22:28 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax | | DESCRIPTIVES VARIABLES=N1P N2P N3P N4P  /STATISTICS=MEAN STDDEV MIN MAX SEMEAN. |
| Resources | Processor Time | 00 00:00:00.000 |
| Elapsed Time | 00 00:00:00.000 |

[DataSet0]

| **Descriptive Statistics** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | N | Minimum | Maximum | Mean | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Std. Error | Statistic |
| N1P | 144 | 1.39 | 2.83 | 2.1369 | .02807 | .33686 |
| N2P | 144 | .68 | 1.94 | 1.2282 | .02055 | .24666 |
| N3P | 144 | 2.13 | 5.50 | 3.2155 | .06278 | .75336 |
| N4P | 144 | .66 | 1.85 | 1.0257 | .02233 | .26791 |
| Valid N (listwise) | 144 |  |  |  |  |  |

DESCRIPTIVES VARIABLES=P1O P2O P3O P4O

/STATISTICS=MEAN STDDEV MIN MAX SEMEAN.

**Descriptives**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:22:47 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax | | DESCRIPTIVES VARIABLES=P1O P2O P3O P4O  /STATISTICS=MEAN STDDEV MIN MAX SEMEAN. |
| Resources | Processor Time | 00 00:00:00.000 |
| Elapsed Time | 00 00:00:00.000 |

[DataSet0]

| **Descriptive Statistics** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | N | Minimum | Maximum | Mean | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Std. Error | Statistic |
| P1O | 144 | 15.21 | 46.80 | 23.9160 | .48958 | 5.87500 |
| P2O | 144 | 10.29 | 40.88 | 22.9683 | .53190 | 6.38281 |
| P3O | 144 | 14.60 | 34.39 | 24.0039 | .40157 | 4.81885 |
| P4O | 144 | 9.72 | 56.55 | 21.6840 | .65754 | 7.89048 |
| Valid N (listwise) | 144 |  |  |  |  |  |

DESCRIPTIVES VARIABLES=P1P P2P P3P P4P

/STATISTICS=MEAN STDDEV MIN MAX SEMEAN.

**Descriptives**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:23:14 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax | | DESCRIPTIVES VARIABLES=P1P P2P P3P P4P  /STATISTICS=MEAN STDDEV MIN MAX SEMEAN. |
| Resources | Processor Time | 00 00:00:00.000 |
| Elapsed Time | 00 00:00:00.000 |

[DataSet0]

| **Descriptive Statistics** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | N | Minimum | Maximum | Mean | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Std. Error | Statistic |
| P1P | 144 | 15.18 | 44.55 | 23.9158 | .48521 | 5.82251 |
| P2P | 144 | 10.34 | 40.83 | 22.9553 | .53130 | 6.37566 |
| P3P | 144 | 14.55 | 32.85 | 23.9667 | .39858 | 4.78299 |
| P4P | 144 | 9.77 | 55.49 | 21.7057 | .65140 | 7.81685 |
| Valid N (listwise) | 144 |  |  |  |  |  |

DESCRIPTIVES VARIABLES=K1O K2O K3O K4O

/STATISTICS=MEAN STDDEV MIN MAX SEMEAN.

**Descriptives**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:23:38 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax | | DESCRIPTIVES VARIABLES=K1O K2O K3O K4O  /STATISTICS=MEAN STDDEV MIN MAX SEMEAN. |
| Resources | Processor Time | 00 00:00:00.016 |
| Elapsed Time | 00 00:00:00.014 |

[DataSet0]

| **Descriptive Statistics** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | N | Minimum | Maximum | Mean | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Std. Error | Statistic |
| K1O | 144 | 9.62 | 22.93 | 14.3452 | .22387 | 2.68643 |
| K2O | 144 | 12.23 | 22.84 | 16.8314 | .21168 | 2.54017 |
| K3O | 144 | 5.75 | 13.80 | 9.0990 | .15277 | 1.83319 |
| K4O | 144 | 5.42 | 19.02 | 11.9165 | .26522 | 3.18262 |
| Valid N (listwise) | 144 |  |  |  |  |  |

DESCRIPTIVES VARIABLES=K1P K2P K3P K4P

/STATISTICS=MEAN STDDEV MIN MAX SEMEAN.

**Descriptives**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:23:55 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax | | DESCRIPTIVES VARIABLES=K1P K2P K3P K4P  /STATISTICS=MEAN STDDEV MIN MAX SEMEAN. |
| Resources | Processor Time | 00 00:00:00.000 |
| Elapsed Time | 00 00:00:00.000 |

[DataSet0]

| **Descriptive Statistics** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | N | Minimum | Maximum | Mean | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Std. Error | Statistic |
| K1P | 144 | 9.82 | 22.73 | 14.2749 | .20284 | 2.43405 |
| K2P | 144 | 12.43 | 22.62 | 16.7845 | .20056 | 2.40673 |
| K3P | 144 | 5.80 | 13.75 | 9.0962 | .14937 | 1.79242 |
| K4P | 144 | 5.47 | 18.89 | 11.8062 | .25884 | 3.10607 |
| Valid N (listwise) | 144 |  |  |  |  |  |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT N1O

/METHOD=ENTER N1P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:26:55 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT N1O  /METHOD=ENTER N1P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.032 |
| Elapsed Time | 00 00:00:00.344 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| N1O | 2.1514 | .40735 | 144 |
| N1P | 2.1369 | .33686 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | N1O | N1P |
| Pearson Correlation | N1O | 1.000 | .835 |
| N1P | .835 | 1.000 |
| Sig. (1-tailed) | N1O | . | .000 |
| N1P | .000 | . |
| N | N1O | 144 | 144 |
| N1P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | N1Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: N1O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .835a | .697 | .695 | .22513 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .697 | 326.164 | 1 | 142 | .000 | 1.725 |

|  |
| --- |
| a. Predictors: (Constant), N1P  b. Dependent Variable: N1O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 16.532 | 1 | 16.532 | 326.164 | .000a |
| Residual | 7.197 | 142 | .051 |  |  |
| Total | 23.729 | 143 |  |  |  |
| a. Predictors: (Constant), N1P  b. Dependent Variable: N1O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | -.005 | .121 |  | -.045 | .964 |
| N1P | 1.009 | .056 | .835 | 18.060 | .000 |
| a. Dependent Variable: N1O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 1.3966 | 2.8493 | 2.1514 | .34001 | 144 |
| Residual | -.71536 | .75359 | .00000 | .22435 | 144 |
| Std. Predicted Value | -2.220 | 2.053 | .000 | 1.000 | 144 |
| Std. Residual | -3.177 | 3.347 | .000 | .996 | 144 |
| a. Dependent Variable: N1O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT N2O

/METHOD=ENTER N2P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:29:26 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT N2O  /METHOD=ENTER N2P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.031 |
| Elapsed Time | 00 00:00:00.110 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| N2O | 1.2337 | .27860 | 144 |
| N2P | 1.2282 | .24666 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | N2O | N2P |
| Pearson Correlation | N2O | 1.000 | .898 |
| N2P | .898 | 1.000 |
| Sig. (1-tailed) | N2O | . | .000 |
| N2P | .000 | . |
| N | N2O | 144 | 144 |
| N2P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | N2Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: N2O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .898a | .807 | .805 | .12291 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .807 | 592.695 | 1 | 142 | .000 | 2.029 |

|  |
| --- |
| a. Predictors: (Constant), N2P  b. Dependent Variable: N2O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 8.954 | 1 | 8.954 | 592.695 | .000a |
| Residual | 2.145 | 142 | .015 |  |  |
| Total | 11.100 | 143 |  |  |  |
| a. Predictors: (Constant), N2P  b. Dependent Variable: N2O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | -.012 | .052 |  | -.237 | .813 |
| N2P | 1.015 | .042 | .898 | 24.345 | .000 |
| a. Dependent Variable: N2O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | .6750 | 1.9570 | 1.2337 | .25023 | 144 |
| Residual | -.39368 | .57887 | .00000 | .12248 | 144 |
| Std. Predicted Value | -2.232 | 2.891 | .000 | 1.000 | 144 |
| Std. Residual | -3.203 | 4.710 | .000 | .996 | 144 |
| a. Dependent Variable: N2O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT N3O

/METHOD=ENTER N3P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:30:29 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT N3O  /METHOD=ENTER N3P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.016 |
| Elapsed Time | 00 00:00:00.062 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| N3O | 3.1826 | .79965 | 144 |
| N3P | 3.2155 | .75336 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | N3O | N3P |
| Pearson Correlation | N3O | 1.000 | .912 |
| N3P | .912 | 1.000 |
| Sig. (1-tailed) | N3O | . | .000 |
| N3P | .000 | . |
| N | N3O | 144 | 144 |
| N3P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | N3Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: N3O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .912a | .832 | .831 | .32891 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .832 | 703.258 | 1 | 142 | .000 | 1.885 |

|  |
| --- |
| a. Predictors: (Constant), N3P  b. Dependent Variable: N3O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 76.078 | 1 | 76.078 | 703.258 | .000a |
| Residual | 15.361 | 142 | .108 |  |  |
| Total | 91.439 | 143 |  |  |  |
| a. Predictors: (Constant), N3P  b. Dependent Variable: N3O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | .069 | .121 |  | .575 | .566 |
| N3P | .968 | .037 | .912 | 26.519 | .000 |
| a. Dependent Variable: N3O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 2.1309 | 5.3986 | 3.1826 | .72939 | 144 |
| Residual | -2.55071 | .98789 | .00000 | .32775 | 144 |
| Std. Predicted Value | -1.442 | 3.038 | .000 | 1.000 | 144 |
| Std. Residual | -7.755 | 3.004 | .000 | .996 | 144 |
| a. Dependent Variable: N3O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT N4O

/METHOD=ENTER N4P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:35:49 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT N4O  /METHOD=ENTER N4P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.016 |
| Elapsed Time | 00 00:00:00.032 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| N4O | 1.0436 | .31550 | 144 |
| N4P | 1.0257 | .26791 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | N4O | N4P |
| Pearson Correlation | N4O | 1.000 | .736 |
| N4P | .736 | 1.000 |
| Sig. (1-tailed) | N4O | . | .000 |
| N4P | .000 | . |
| N | N4O | 144 | 144 |
| N4P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | N4Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: N4O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .736a | .542 | .539 | .21421 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .542 | 168.227 | 1 | 142 | .000 | 1.935 |

|  |
| --- |
| a. Predictors: (Constant), N4P  b. Dependent Variable: N4O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 7.719 | 1 | 7.719 | 168.227 | .000a |
| Residual | 6.516 | 142 | .046 |  |  |
| Total | 14.235 | 143 |  |  |  |
| a. Predictors: (Constant), N4P  b. Dependent Variable: N4O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | .154 | .071 |  | 2.176 | .031 |
| N4P | .867 | .067 | .736 | 12.970 | .000 |
| a. Dependent Variable: N4O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | .7257 | 1.7599 | 1.0436 | .23233 | 144 |
| Residual | -.75760 | .58482 | .00000 | .21346 | 144 |
| Std. Predicted Value | -1.368 | 3.083 | .000 | 1.000 | 144 |
| Std. Residual | -3.537 | 2.730 | .000 | .996 | 144 |
| a. Dependent Variable: N4O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT P1O

/METHOD=ENTER P1P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:36:19 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT P1O  /METHOD=ENTER P1P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.016 |
| Elapsed Time | 00 00:00:00.111 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| P1O | 23.9160 | 5.87500 | 144 |
| P1P | 23.9158 | 5.82251 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | P1O | P1P |
| Pearson Correlation | P1O | 1.000 | .998 |
| P1P | .998 | 1.000 |
| Sig. (1-tailed) | P1O | . | .000 |
| P1P | .000 | . |
| N | P1O | 144 | 144 |
| P1P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | P1Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: P1O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .998a | .997 | .997 | .33324 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .997 | 44304.374 | 1 | 142 | .000 | 2.029 |

|  |
| --- |
| a. Predictors: (Constant), P1P  b. Dependent Variable: P1O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 4919.959 | 1 | 4919.959 | 44304.374 | .000a |
| Residual | 15.769 | 142 | .111 |  |  |
| Total | 4935.728 | 143 |  |  |  |
| a. Predictors: (Constant), P1P  b. Dependent Variable: P1O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | -.177 | .118 |  | -1.501 | .136 |
| P1P | 1.007 | .005 | .998 | 210.486 | .000 |
| a. Dependent Variable: P1O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 15.1154 | 44.7048 | 23.9160 | 5.86560 | 144 |
| Residual | -1.80720 | 2.09516 | .00000 | .33207 | 144 |
| Std. Predicted Value | -1.500 | 3.544 | .000 | 1.000 | 144 |
| Std. Residual | -5.423 | 6.287 | .000 | .996 | 144 |
| a. Dependent Variable: P1O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT P2O

/METHOD=ENTER P2P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:38:15 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT P2O  /METHOD=ENTER P2P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.015 |
| Elapsed Time | 00 00:00:00.031 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| P2O | 22.9683 | 6.38281 | 144 |
| P2P | 22.9553 | 6.37566 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | P2O | P2P |
| Pearson Correlation | P2O | 1.000 | .999 |
| P2P | .999 | 1.000 |
| Sig. (1-tailed) | P2O | . | .000 |
| P2P | .000 | . |
| N | P2O | 144 | 144 |
| P2P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | P2Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: P2O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .999a | .999 | .999 | .22893 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .999 | 111014.666 | 1 | 142 | .000 | 1.937 |

|  |
| --- |
| a. Predictors: (Constant), P2P  b. Dependent Variable: P2O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 5818.413 | 1 | 5818.413 | 111014.666 | .000a |
| Residual | 7.442 | 142 | .052 |  |  |
| Total | 5825.856 | 143 |  |  |  |
| a. Predictors: (Constant), P2P  b. Dependent Variable: P2O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | .002 | .072 |  | .027 | .978 |
| P2P | 1.000 | .003 | .999 | 333.189 | .000 |
| a. Dependent Variable: P2O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 10.3472 | 40.8515 | 22.9683 | 6.37873 | 144 |
| Residual | -1.16517 | 2.39007 | .00000 | .22813 | 144 |
| Std. Predicted Value | -1.979 | 2.804 | .000 | 1.000 | 144 |
| Std. Residual | -5.090 | 10.440 | .000 | .996 | 144 |
| a. Dependent Variable: P2O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT P3O

/METHOD=ENTER P3P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:38:34 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT P3O  /METHOD=ENTER P3P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.016 |
| Elapsed Time | 00 00:00:00.031 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| P3O | 24.0039 | 4.81885 | 144 |
| P3P | 23.9667 | 4.78299 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | P3O | P3P |
| Pearson Correlation | P3O | 1.000 | .991 |
| P3P | .991 | 1.000 |
| Sig. (1-tailed) | P3O | . | .000 |
| P3P | .000 | . |
| N | P3O | 144 | 144 |
| P3P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | P3Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: P3O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .991a | .981 | .981 | .65862 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .981 | 7513.245 | 1 | 142 | .000 | 2.555 |

|  |
| --- |
| a. Predictors: (Constant), P3P  b. Dependent Variable: P3O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 3259.051 | 1 | 3259.051 | 7513.245 | .000a |
| Residual | 61.596 | 142 | .434 |  |  |
| Total | 3320.647 | 143 |  |  |  |
| a. Predictors: (Constant), P3P  b. Dependent Variable: P3O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | .083 | .281 |  | .293 | .770 |
| P3P | .998 | .012 | .991 | 86.679 | .000 |
| a. Dependent Variable: P3O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 14.6048 | 32.8749 | 24.0039 | 4.77395 | 144 |
| Residual | -3.34832 | 3.96359 | .00000 | .65631 | 144 |
| Std. Predicted Value | -1.969 | 1.858 | .000 | 1.000 | 144 |
| Std. Residual | -5.084 | 6.018 | .000 | .996 | 144 |
| a. Dependent Variable: P3O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT P4O

/METHOD=ENTER P4P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:38:49 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT P4O  /METHOD=ENTER P4P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.031 |
| Elapsed Time | 00 00:00:00.110 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| P4O | 21.6840 | 7.89048 | 144 |
| P4P | 21.7057 | 7.81685 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | P4O | P4P |
| Pearson Correlation | P4O | 1.000 | .997 |
| P4P | .997 | 1.000 |
| Sig. (1-tailed) | P4O | . | .000 |
| P4P | .000 | . |
| N | P4O | 144 | 144 |
| P4P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | P4Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: P4O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .997a | .995 | .995 | .58016 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .995 | 26309.729 | 1 | 142 | .000 | 1.995 |

|  |
| --- |
| a. Predictors: (Constant), P4P  b. Dependent Variable: P4O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 8855.332 | 1 | 8855.332 | 26309.729 | .000a |
| Residual | 47.794 | 142 | .337 |  |  |
| Total | 8903.127 | 143 |  |  |  |
| a. Predictors: (Constant), P4P  b. Dependent Variable: P4O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | -.167 | .143 |  | -1.168 | .245 |
| P4P | 1.007 | .006 | .997 | 162.203 | .000 |
| a. Dependent Variable: P4O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 9.6686 | 55.6937 | 21.6840 | 7.86927 | 144 |
| Residual | -3.28557 | 2.65526 | .00000 | .57812 | 144 |
| Std. Predicted Value | -1.527 | 4.322 | .000 | 1.000 | 144 |
| Std. Residual | -5.663 | 4.577 | .000 | .996 | 144 |
| a. Dependent Variable: P4O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT K1O

/METHOD=ENTER K1P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:39:15 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT K1O  /METHOD=ENTER K1P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.016 |
| Elapsed Time | 00 00:00:00.093 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| K1O | 14.3452 | 2.68643 | 144 |
| K1P | 14.2749 | 2.43405 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | K1O | K1P |
| Pearson Correlation | K1O | 1.000 | .970 |
| K1P | .970 | 1.000 |
| Sig. (1-tailed) | K1O | . | .000 |
| K1P | .000 | . |
| N | K1O | 144 | 144 |
| K1P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | K1Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: K1O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .970a | .940 | .940 | .65979 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .940 | 2228.673 | 1 | 142 | .000 | 1.892 |

|  |
| --- |
| a. Predictors: (Constant), K1P  b. Dependent Variable: K1O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 970.200 | 1 | 970.200 | 2228.673 | .000a |
| Residual | 61.816 | 142 | .435 |  |  |
| Total | 1032.017 | 143 |  |  |  |
| a. Predictors: (Constant), K1P  b. Dependent Variable: K1O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | -.931 | .328 |  | -2.836 | .005 |
| K1P | 1.070 | .023 | .970 | 47.209 | .000 |
| a. Dependent Variable: K1O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 9.5779 | 23.3931 | 14.3452 | 2.60473 | 144 |
| Residual | -1.59079 | 4.28716 | .00000 | .65748 | 144 |
| Std. Predicted Value | -1.830 | 3.474 | .000 | 1.000 | 144 |
| Std. Residual | -2.411 | 6.498 | .000 | .996 | 144 |
| a. Dependent Variable: K1O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT K2O

/METHOD=ENTER K2P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:44:47 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT K2O  /METHOD=ENTER K2P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.016 |
| Elapsed Time | 00 00:00:00.031 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| K2O | 16.8314 | 2.54017 | 144 |
| K2P | 16.7845 | 2.40673 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | K2O | K2P |
| Pearson Correlation | K2O | 1.000 | .984 |
| K2P | .984 | 1.000 |
| Sig. (1-tailed) | K2O | . | .000 |
| K2P | .000 | . |
| N | K2O | 144 | 144 |
| K2P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | K2Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: K2O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .984a | .968 | .968 | .45677 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .968 | 4280.426 | 1 | 142 | .000 | 1.914 |

|  |
| --- |
| a. Predictors: (Constant), K2P  b. Dependent Variable: K2O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 893.072 | 1 | 893.072 | 4280.426 | .000a |
| Residual | 29.627 | 142 | .209 |  |  |
| Total | 922.699 | 143 |  |  |  |
| a. Predictors: (Constant), K2P  b. Dependent Variable: K2O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | -.597 | .269 |  | -2.219 | .028 |
| K2P | 1.038 | .016 | .984 | 65.425 | .000 |
| a. Dependent Variable: K2O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 12.3098 | 22.8907 | 16.8314 | 2.49905 | 144 |
| Residual | -1.74066 | 2.68190 | .00000 | .45517 | 144 |
| Std. Predicted Value | -1.809 | 2.425 | .000 | 1.000 | 144 |
| Std. Residual | -3.811 | 5.871 | .000 | .996 | 144 |
| a. Dependent Variable: K2O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT K3O

/METHOD=ENTER K3P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:45:13 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT K3O  /METHOD=ENTER K3P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.016 |
| Elapsed Time | 00 00:00:00.031 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| K3O | 9.0990 | 1.83319 | 144 |
| K3P | 9.0962 | 1.79242 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | K3O | K3P |
| Pearson Correlation | K3O | 1.000 | .992 |
| K3P | .992 | 1.000 |
| Sig. (1-tailed) | K3O | . | .000 |
| K3P | .000 | . |
| N | K3O | 144 | 144 |
| K3P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | K3Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: K3O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .992a | .984 | .984 | .22953 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .984 | 8979.566 | 1 | 142 | .000 | 2.095 |

|  |
| --- |
| a. Predictors: (Constant), K3P  b. Dependent Variable: K3O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 473.085 | 1 | 473.085 | 8979.566 | .000a |
| Residual | 7.481 | 142 | .053 |  |  |
| Total | 480.566 | 143 |  |  |  |
| a. Predictors: (Constant), K3P  b. Dependent Variable: K3O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | -.131 | .099 |  | -1.324 | .188 |
| K3P | 1.015 | .011 | .992 | 94.761 | .000 |
| a. Dependent Variable: K3O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 5.7541 | 13.8199 | 9.0990 | 1.81887 | 144 |
| Residual | -1.87141 | .81183 | .00000 | .22873 | 144 |
| Std. Predicted Value | -1.839 | 2.596 | .000 | 1.000 | 144 |
| Std. Residual | -8.153 | 3.537 | .000 | .996 | 144 |
| a. Dependent Variable: K3O | | | | | |

REGRESSION

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT K4O

/METHOD=ENTER K4P

/RESIDUALS DURBIN.

**Regression**

| **Notes** | | |
| --- | --- | --- |
| Output Created | | 13-Jan-2021 05:45:51 |
| Comments | |  |
| Input | Active Dataset | DataSet0 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 144 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax | | REGRESSION  /DESCRIPTIVES MEAN STDDEV CORR SIG N  /MISSING LISTWISE  /STATISTICS COEFF OUTS R ANOVA CHANGE  /CRITERIA=PIN(.05) POUT(.10)  /NOORIGIN  /DEPENDENT K4O  /METHOD=ENTER K4P  /RESIDUALS DURBIN. |
| Resources | Processor Time | 00 00:00:00.031 |
| Elapsed Time | 00 00:00:00.173 |
| Memory Required | 1796 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet0]

| **Descriptive Statistics** | | | |
| --- | --- | --- | --- |
|  | Mean | Std. Deviation | N |
| K4O | 11.9165 | 3.18262 | 144 |
| K4P | 11.8062 | 3.10607 | 144 |

| **Correlations** | | | |
| --- | --- | --- | --- |
|  | | K4O | K4P |
| Pearson Correlation | K4O | 1.000 | .976 |
| K4P | .976 | 1.000 |
| Sig. (1-tailed) | K4O | . | .000 |
| K4P | .000 | . |
| N | K4O | 144 | 144 |
| K4P | 144 | 144 |

| **Variables Entered/Removedb** | | | |
| --- | --- | --- | --- |
| Model | Variables Entered | Variables Removed | Method |
| 1 | K4Pa | . | Enter |
| a. All requested variables entered.  b. Dependent Variable: K4O | | | |

| **Model Summaryb** | | | | |
| --- | --- | --- | --- | --- |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .976a | .952 | .952 | .69907 |

| **Model Summaryb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Change Statistics | | | | | Durbin-Watson |
| R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | .952 | 2821.907 | 1 | 142 | .000 | 2.149 |

|  |
| --- |
| a. Predictors: (Constant), K4P  b. Dependent Variable: K4O |

| **ANOVAb** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 1379.059 | 1 | 1379.059 | 2821.907 | .000a |
| Residual | 69.395 | 142 | .489 |  |  |
| Total | 1448.454 | 143 |  |  |  |
| a. Predictors: (Constant), K4P  b. Dependent Variable: K4O | | | | | | |

| **Coefficientsa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | .113 | .230 |  | .491 | .624 |
| K4P | 1.000 | .019 | .976 | 53.122 | .000 |
| a. Dependent Variable: K4O | | | | | | |

| **Residuals Statisticsa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | 5.5816 | 18.9989 | 11.9165 | 3.10544 | 144 |
| Residual | -1.65920 | 4.45774 | .00000 | .69662 | 144 |
| Std. Predicted Value | -2.040 | 2.281 | .000 | 1.000 | 144 |
| Std. Residual | -2.373 | 6.377 | .000 | .996 | 144 |
| a. Dependent Variable: K4O | | | | | |