**Regression**

|  |  |  |
| --- | --- | --- |
| **Notes** | | |
| Output Created | | 28-MAR-2024 17:26:35 |
| Comments | |  |
| Input | Data | CFA\_SPSS\_Final.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 834 |
| 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 /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT MAPTRUSTscale /METHOD=ENTER accurate fair trustworthy reputable correct errorfree objective authentic balanced credible reliable honest. |
| Resources | Processor Time | 00:00:00.03 |
| Elapsed Time | 00:00:00.02 |
| Memory Required | 11776 bytes |
| Additional Memory Required for Residual Plots | 0 bytes |

[DataSet1] C:\Users\Tim\OneDrive - The Pennsylvania State University\Dissertation\Measuring Trust\IJGIS Data\CFA\CFA Data\CFA\_SPSS\_Final.sav

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removed**a | | | |
| Model | Variables Entered | Variables Removed | Method |
| 1 | honest, objective, balanced, error-free, credible, authentic, fair, reputable, correct, reliable, trustworthy, accurateb | . | Enter |
| a. Dependent Variable: MAPTRUSTscale | | | |
| b. All requested variables entered. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Summary** | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | 1.000a | 1.000 | 1.000 | .00000 |
| a. Predictors: (Constant), honest, objective, balanced, error-free, credible, authentic, fair, reputable, correct, reliable, trustworthy, accurate | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVA**a | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 1210.610 | 12 | 100.884 | 16024997973186678.000 | <.001b |
| Residual | .000 | 821 | .000 |  |  |
| Total | 1210.610 | 833 |  |  |  |
| a. Dependent Variable: MAPTRUSTscale | | | | | | |
| b. Predictors: (Constant), honest, objective, balanced, error-free, credible, authentic, fair, reputable, correct, reliable, trustworthy, accurate | | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficients**a | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 8.493E-15 | .000 |  | .000 | 1.000 |
| accurate | .083 | .000 | .094 | 18821328.263 | <.001 |
| fair | .083 | .000 | .097 | 22610208.618 | <.001 |
| trustworthy | .083 | .000 | .098 | 20810458.843 | <.001 |
| reputable | .083 | .000 | .099 | 22567948.074 | <.001 |
| correct | .083 | .000 | .092 | 20282033.489 | <.001 |
| error-free | .083 | .000 | .099 | 27104443.739 | <.001 |
| objective | .083 | .000 | .101 | 32464767.465 | <.001 |
| authentic | .083 | .000 | .096 | 22740122.307 | <.001 |
| balanced | .083 | .000 | .104 | 29847631.245 | <.001 |
| credible | .083 | .000 | .098 | 22290735.247 | <.001 |
| reliable | .083 | .000 | .100 | 21885368.463 | <.001 |
| honest | .083 | .000 | .094 | 19574895.118 | <.001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Coefficients**a | | | | |
| Model | | Collinearity Statistics | | |
| Tolerance | VIF | |
| 1 | (Constant) |  |  | |
| accurate | .209 | 4.788 | |
| fair | .282 | 3.543 | |
| trustworthy | .233 | 4.288 | |
| reputable | .271 | 3.685 | |
| correct | .253 | 3.947 | |
| error-free | .387 | 2.585 | |
| objective | .534 | 1.874 | |
| authentic | .292 | 3.424 | |
| balanced | .426 | 2.349 | |
| credible | .268 | 3.738 | |
| reliable | .248 | 4.024 | |
| honest | .226 | 4.420 | |
|  |  |  | |  | |  |  |  |

|  |
| --- |
| a. Dependent Variable: MAPTRUSTscale |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Collinearity Diagnostics**a | | | | | | | |
| Model | Dimension | Eigenvalue | Condition Index | Variance Proportions | | | |
| (Constant) | accurate | fair | trustworthy |
| 1 | 1 | 12.686 | 1.000 | .00 | .00 | .00 | .00 |
| 2 | .059 | 14.662 | .65 | .00 | .00 | .01 |
| 3 | .043 | 17.153 | .10 | .01 | .01 | .00 |
| 4 | .038 | 18.275 | .09 | .00 | .00 | .00 |
| 5 | .035 | 19.040 | .08 | .00 | .00 | .01 |
| 6 | .023 | 23.338 | .02 | .05 | .36 | .00 |
| 7 | .021 | 24.730 | .01 | .04 | .21 | .02 |
| 8 | .019 | 25.780 | .02 | .04 | .03 | .12 |
| 9 | .018 | 26.783 | .00 | .01 | .01 | .04 |
| 10 | .017 | 27.276 | .03 | .02 | .12 | .06 |
| 11 | .016 | 28.062 | .00 | .00 | .05 | .65 |
| 12 | .013 | 31.246 | .00 | .04 | .18 | .01 |
| 13 | .012 | 32.553 | .00 | .80 | .02 | .08 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Collinearity Diagnostics**a | | | | | | | | |
| Model | Dimension | Variance Proportions | | | | | | |
| reputable | correct | error-free | objective | authentic | balanced | credible |
| 1 | 1 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | .00 | .00 | .04 | .09 | .00 | .01 | .00 |
| 3 | .00 | .02 | .08 | .25 | .00 | .42 | .00 |
| 4 | .01 | .00 | .24 | .54 | .00 | .16 | .01 |
| 5 | .03 | .00 | .44 | .07 | .02 | .31 | .05 |
| 6 | .15 | .04 | .05 | .00 | .06 | .00 | .03 |
| 7 | .20 | .21 | .09 | .01 | .03 | .05 | .03 |
| 8 | .01 | .01 | .02 | .00 | .73 | .01 | .04 |
| 9 | .38 | .03 | .01 | .00 | .04 | .00 | .50 |
| 10 | .19 | .20 | .00 | .01 | .00 | .01 | .03 |
| 11 | .00 | .00 | .03 | .00 | .06 | .00 | .26 |
| 12 | .01 | .11 | .00 | .03 | .06 | .02 | .02 |
| 13 | .02 | .38 | .00 | .00 | .01 | .00 | .04 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Collinearity Diagnostics**a | | | | |
| Model | Dimension | Variance Proportions | | |
| reliable | honest | |
| 1 | 1 | .00 | .00 | |
| 2 | .01 | .00 | |
| 3 | .00 | .01 | |
| 4 | .00 | .00 | |
| 5 | .02 | .00 | |
| 6 | .07 | .07 | |
| 7 | .13 | .00 | |
| 8 | .02 | .02 | |
| 9 | .10 | .02 | |
| 10 | .52 | .00 | |
| 11 | .12 | .01 | |
| 12 | .00 | .86 | |
| 13 | .00 | .00 | |
|  |  |  | |  | |  |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |

|  |
| --- |
| a. Dependent Variable: MAPTRUSTscale |