**Factor Analysis**

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| **Notes** | | |
| Output Created | | 01-APR-2024 13:13:51 |
| Comments | |  |
| Input | Data | EFA\_Factor\_Analysis.sav |
| Active Dataset | DataSet2 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 885 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR /VARIABLES accurate trustworthy reputable correct errorfree objective authentic balanced credible reliable honest fair /MISSING LISTWISE /ANALYSIS accurate trustworthy reputable correct errorfree objective authentic balanced credible reliable honest fair /PRINT INITIAL CORRELATION SIG KMO EXTRACTION ROTATION /FORMAT BLANK(.10) /PLOT EIGEN /CRITERIA MINEIGEN(1) ITERATE(25) /EXTRACTION PAF /CRITERIA KAISER ITERATE(25) /ROTATION PROMAX(4) /METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.19 |
| Elapsed Time | 00:00:00.11 |
| Maximum Memory Required | 18976 (18.531K) bytes |

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| **Correlation Matrix** | | | | | | | |
|  | | accurate | trustworthy | reputable | correct | error-free | objective |
| Correlation | accurate | 1.000 | .818 | .777 | .843 | .746 | .673 |
| trustworthy | .818 | 1.000 | .802 | .795 | .720 | .674 |
| reputable | .777 | .802 | 1.000 | .752 | .695 | .665 |
| correct | .843 | .795 | .752 | 1.000 | .758 | .634 |
| error-free | .746 | .720 | .695 | .758 | 1.000 | .613 |
| objective | .673 | .674 | .665 | .634 | .613 | 1.000 |
| authentic | .755 | .784 | .757 | .721 | .662 | .661 |
| balanced | .685 | .701 | .714 | .705 | .649 | .681 |
| credible | .801 | .819 | .802 | .774 | .704 | .694 |
| reliable | .795 | .820 | .792 | .766 | .734 | .702 |
| honest | .798 | .810 | .736 | .761 | .704 | .672 |
| fair | .753 | .788 | .745 | .738 | .685 | .702 |
| Sig. (1-tailed) | accurate |  | <.001 | <.001 | <.001 | <.001 | <.001 |
| trustworthy | .000 |  | .000 | .000 | .000 | .000 |
| reputable | .000 | .000 |  | .000 | .000 | .000 |
| correct | .000 | .000 | .000 |  | .000 | .000 |
| error-free | .000 | .000 | .000 | .000 |  | .000 |
| objective | .000 | .000 | .000 | .000 | .000 |  |
| authentic | .000 | .000 | .000 | .000 | .000 | .000 |
| balanced | .000 | .000 | .000 | .000 | .000 | .000 |
| credible | .000 | .000 | .000 | .000 | .000 | .000 |
| reliable | .000 | .000 | .000 | .000 | .000 | .000 |
| honest | .000 | .000 | .000 | .000 | .000 | .000 |
| fair | .000 | .000 | .000 | .000 | .000 | .000 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlation Matrix** | | | | | | | |
|  | | authentic | balanced | credible | reliable | honest | fair |
| Correlation | accurate | .755 | .685 | .801 | .795 | .798 | .753 |
| trustworthy | .784 | .701 | .819 | .820 | .810 | .788 |
| reputable | .757 | .714 | .802 | .792 | .736 | .745 |
| correct | .721 | .705 | .774 | .766 | .761 | .738 |
| error-free | .662 | .649 | .704 | .734 | .704 | .685 |
| objective | .661 | .681 | .694 | .702 | .672 | .702 |
| authentic | 1.000 | .684 | .779 | .782 | .748 | .719 |
| balanced | .684 | 1.000 | .693 | .722 | .688 | .728 |
| credible | .779 | .693 | 1.000 | .808 | .773 | .749 |
| reliable | .782 | .722 | .808 | 1.000 | .794 | .771 |
| honest | .748 | .688 | .773 | .794 | 1.000 | .762 |
| fair | .719 | .728 | .749 | .771 | .762 | 1.000 |
| Sig. (1-tailed) | accurate | <.001 | <.001 | <.001 | <.001 | <.001 | <.001 |
| trustworthy | .000 | .000 | .000 | .000 | .000 | .000 |
| reputable | .000 | .000 | .000 | .000 | .000 | .000 |
| correct | .000 | .000 | .000 | .000 | .000 | .000 |
| error-free | .000 | .000 | .000 | .000 | .000 | .000 |
| objective | .000 | .000 | .000 | .000 | .000 | .000 |
| authentic |  | .000 | .000 | .000 | .000 | .000 |
| balanced | .000 |  | .000 | .000 | .000 | .000 |
| credible | .000 | .000 |  | .000 | .000 | .000 |
| reliable | .000 | .000 | .000 |  | .000 | .000 |
| honest | .000 | .000 | .000 | .000 |  | .000 |
| fair | .000 | .000 | .000 | .000 | .000 |  |

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| **KMO and Bartlett's Test** | | |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .977 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 11693.984 |
| df | 66 |
| Sig. | <.001 |

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| **Communalities** | | |
|  | Initial | Extraction |
| accurate | .808 | .805 |
| trustworthy | .812 | .824 |
| reputable | .751 | .761 |
| correct | .780 | .764 |
| error-free | .653 | .651 |
| objective | .604 | .596 |
| authentic | .716 | .725 |
| balanced | .651 | .645 |
| credible | .782 | .795 |
| reliable | .792 | .813 |
| honest | .752 | .764 |
| fair | .729 | .740 |
| Extraction Method: Principal Axis Factoring. | | |

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| **Total Variance Explained** | | | | | | |
| Factor | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
| Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % |
| 1 | 9.137 | 76.140 | 76.140 | 8.883 | 74.027 | 74.027 |
| 2 | .473 | 3.944 | 80.085 |  |  |  |
| 3 | .382 | 3.183 | 83.268 |  |  |  |
| 4 | .325 | 2.711 | 85.980 |  |  |  |
| 5 | .287 | 2.394 | 88.373 |  |  |  |
| 6 | .257 | 2.145 | 90.518 |  |  |  |
| 7 | .250 | 2.081 | 92.599 |  |  |  |
| 8 | .217 | 1.811 | 94.410 |  |  |  |
| 9 | .186 | 1.551 | 95.961 |  |  |  |
| 10 | .179 | 1.496 | 97.456 |  |  |  |
| 11 | .161 | 1.343 | 98.799 |  |  |  |
| 12 | .144 | 1.201 | 100.000 |  |  |  |
| Extraction Method: Principal Axis Factoring. | | | | | | |

img.emf

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| **Factor Matrix**a | |
|  | Factor |
| 1 |
| accurate | .897 |
| trustworthy | .908 |
| reputable | .873 |
| correct | .874 |
| error-free | .807 |
| objective | .772 |
| authentic | .851 |
| balanced | .803 |
| credible | .891 |
| reliable | .902 |
| honest | .874 |
| fair | .860 |
| Extraction Method: Principal Axis Factoring.a | |
| a. 1 factors extracted. 3 iterations required. | |

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| **Rotated Factor Matrix**a |
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| a. Only one factor was extracted. The solution cannot be rotated. |