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| --- | --- |
| **Input Data Type** | Raw Data |
| **Number of Records Read** | 1887 |
| **Number of Records Used** | 1887 |
| **N for Significance Tests** | 1887 |

| **Means and Standard Deviations from 1887 Observations** | | |
| --- | --- | --- |
| **Variable** | **Mean** | **Std Dev** |
| **Trump\_16** | 48.169726 | 15.088156 |
| **Romney\_12** | 49.456523 | 13.981982 |
| **McCain\_08** | 47.735746 | 12.861843 |
| **Black** | 10.974577 | 12.294798 |
| **Latino** | 11.923443 | 14.509953 |
| **Foreign\_Born** | 12.573747 | 10.194019 |
| **Land\_Area** | 7.556638 | 1.795195 |
| **High\_density** | 0.179317 | 0.232007 |
| **Very\_low\_density** | 0.228509 | 0.213172 |
| **Married\_Women** | 47.567886 | 5.848264 |
| **Under\_Eighteen** | 31.964759 | 4.977387 |
| **Avg\_Family\_Size** | 3.219989 | 0.243482 |
| **Median\_Income** | 96.861285 | 25.049710 |
| **CollegeEdu** | 31.312174 | 10.339097 |
| **FemaleConvOcc** | 39.334729 | 2.828217 |
| **FemaleUNCONVOcc** | 52.877411 | 2.397191 |
| **Training** | 12.378908 | 7.048765 |

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| ***Prior Communality Estimates: ONE*** |

| **Eigenvalues of the Correlation Matrix: Total = 17 Average = 1** | | | | |
| --- | --- | --- | --- | --- |
|  | **Eigenvalue** | **Difference** | **Proportion** | **Cumulative** |
| **1** | 6.50137805 | 3.58632567 | 0.3824 | 0.3824 |
| **2** | 2.91505237 | 0.37938961 | 0.1715 | 0.5539 |
| **3** | 2.53566277 | 1.35860442 | 0.1492 | 0.7031 |
| **4** | 1.17705835 | 0.28380055 | 0.0692 | 0.7723 |
| **5** | 0.89325779 | 0.19624334 | 0.0525 | 0.8248 |
| **6** | 0.69701446 | 0.05167127 | 0.0410 | 0.8658 |
| **7** | 0.64534319 | 0.19596186 | 0.0380 | 0.9038 |
| **8** | 0.44938133 | 0.12283427 | 0.0264 | 0.9302 |
| **9** | 0.32654706 | 0.04611202 | 0.0192 | 0.9495 |
| **10** | 0.28043504 | 0.11565824 | 0.0165 | 0.9659 |
| **11** | 0.16477681 | 0.01972511 | 0.0097 | 0.9756 |
| **12** | 0.14505169 | 0.04023844 | 0.0085 | 0.9842 |
| **13** | 0.10481325 | 0.02297208 | 0.0062 | 0.9903 |
| **14** | 0.08184117 | 0.02436139 | 0.0048 | 0.9952 |
| **15** | 0.05747979 | 0.04035207 | 0.0034 | 0.9985 |
| **16** | 0.01712772 | 0.00934855 | 0.0010 | 0.9995 |
| **17** | 0.00777917 |  | 0.0005 | 1.0000 |

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| ***5 factors will be retained by the NFACTOR criterion.*** |

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| Scree Plot of Eigenvalues |
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|  |
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| **Factor Pattern** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Factor1** |  | **Factor2** |  | **Factor3** |  | **Factor4** |  | **Factor5** |  |
| **Trump\_16** | **Trump\_16** | 92 | \* | 24 |  | 0 |  | -7 |  | 16 |  |
| **Romney\_12** | **Romney\_12** | 83 | \* | 42 | \* | 12 |  | -7 |  | 23 |  |
| **McCain\_08** | **McCain\_08** | 80 | \* | 45 | \* | 8 |  | -5 |  | 25 |  |
| **Black** | **Black** | -36 |  | -43 | \* | -43 | \* | 35 |  | 50 | \* |
| **Latino** | **Latino** | -54 | \* | 56 | \* | -39 |  | -25 |  | -22 |  |
| **Foreign\_Born** | **Foreign\_Born** | -79 | \* | 42 | \* | 4 |  | -9 |  | -13 |  |
| **Land\_Area** | **Land\_Area** | 82 | \* | 4 |  | -21 |  | -8 |  | -25 |  |
| **High\_density** | **High.density** | -83 | \* | -8 |  | 10 |  | -22 |  | -12 |  |
| **Very\_low\_density** | **Very.low.density** | 81 | \* | -13 |  | -22 |  | -15 |  | -19 |  |
| **Married\_Women** | **Married\_Women** | 58 | \* | 47 | \* | 50 | \* | 19 |  | -19 |  |
| **Under\_Eighteen** | **Under\_Eighteen** | -20 |  | 68 | \* | -30 |  | 49 | \* | -4 |  |
| **Avg\_Family\_Size** | **Avg\_Family\_Size** | -63 | \* | 53 | \* | -42 | \* | 16 |  | -4 |  |
| **Median\_Income** | **Median\_Income** | -29 |  | 30 |  | 80 | \* | 32 |  | -6 |  |
| **CollegeEdu** | **CollegeEdu** | -37 |  | 4 |  | 86 | \* | 10 |  | 12 |  |
| **FemaleConvOcc** | **FemaleConvOcc** | -36 |  | -32 |  | 41 | \* | -45 | \* | 13 |  |
| **FemaleUNCONVOcc** | **FemaleUNCONVOcc** | 17 |  | -60 | \* | -1 |  | 48 | \* | -11 |  |
| **Training** | **Training** | -31 |  | 49 | \* | -8 |  | -19 |  | 49 | \* |
| **Printed values are multiplied by 100 and rounded to the nearest integer. Values greater than 0.4 are flagged by an '\*'.** | | | | | | | | | | | |

| **Variance Explained by Each Factor** | | | | |
| --- | --- | --- | --- | --- |
| **Factor1** | **Factor2** | **Factor3** | **Factor4** | **Factor5** |
| 6.5013780 | 2.9150524 | 2.5356628 | 1.1770583 | 0.8932578 |

| **Final Communality Estimates: Total = 14.022409** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Trump\_16** | **Romney\_12** | **McCain\_08** | **Black** | **Latino** | **Foreign\_Born** | **Land\_Area** |
| 0.93322754 | 0.94072030 | 0.91677120 | 0.87343445 | 0.86993348 | 0.83064994 | 0.79197534 |

| **High\_density** | **Very\_low\_density** | **Married\_Women** | **Under\_Eighteen** | **Avg\_Family\_Size** |
| --- | --- | --- | --- | --- |
| 0.77176339 | 0.77860424 | 0.88450415 | 0.84317105 | 0.88926008 |

| **Median\_Income** | **CollegeEdu** | **FemaleConvOcc** | **FemaleUNCONVOcc** | **Training** |
| --- | --- | --- | --- | --- |
| 0.91510455 | 0.90688616 | 0.61944632 | 0.64091638 | 0.61604076 |

| **Orthogonal Transformation Matrix** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| **1** | 0.87147 | -0.27379 | -0.34176 | -0.09908 | -0.19737 |
| **2** | 0.32006 | 0.20987 | 0.66316 | 0.56395 | -0.30934 |
| **3** | 0.11554 | 0.85559 | -0.11218 | -0.40515 | -0.27908 |
| **4** | 0.04734 | 0.35130 | -0.55137 | 0.67574 | 0.33722 |
| **5** | 0.35001 | 0.15984 | 0.35613 | -0.22665 | 0.82082 |

| **Rotated Factor Pattern** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Factor1** |  | **Factor2** |  | **Factor3** |  | **Factor4** |  | **Factor5** |  |
| **Trump\_16** | **Trump\_16** | 93 | \* | -20 |  | -6 |  | -4 |  | -15 |  |
| **Romney\_12** | **Romney\_12** | 95 | \* | -2 |  | 10 |  | 1 |  | -16 |  |
| **McCain\_08** | **McCain\_08** | 94 | \* | -4 |  | 14 |  | 5 |  | -13 |  |
| **Black** | **Black** | -31 |  | -16 |  | -13 |  | 9 |  | 85 | \* |
| **Latino** | **Latino** | -42 | \* | -19 |  | 66 | \* | 40 | \* | -22 |  |
| **Foreign\_Born** | **Foreign\_Born** | -60 | \* | 29 |  | 55 | \* | 27 |  | -12 |  |
| **Land\_Area** | **Land\_Area** | 62 | \* | -47 | \* | -27 |  | 4 |  | -35 |  |
| **High\_density** | **High.density** | -79 | \* | 20 |  | 30 |  | -12 |  | -1 |  |
| **Very\_low\_density** | **Very.low.density** | 56 | \* | -52 | \* | -32 |  | -12 |  | -26 |  |
| **Married\_Women** | **Married\_Women** | 65 | \* | 41 | \* | -12 |  | 18 |  | -49 | \* |
| **Under\_Eighteen** | **Under\_Eighteen** | 2 |  | 11 |  | 27 |  | 87 | \* | 5 |  |
| **Avg\_Family\_Size** | **Avg\_Family\_Size** | -44 | \* | -3 |  | 52 | \* | 65 | \* | 10 |  |
| **Median\_Income** | **Median\_Income** | -7 |  | 93 | \* | 1 |  | 10 |  | -19 |  |
| **CollegeEdu** | **CollegeEdu** | -17 |  | 90 | \* | 5 |  | -25 |  | -5 |  |
| **FemaleConvOcc** | **FemaleConvOcc** | -34 |  | 24 |  | 17 |  | -64 | \* | 1 |  |
| **FemaleUNCONVOcc** | **FemaleUNCONVOcc** | -6 |  | -3 |  | -76 | \* | 0 |  | 23 |  |
| **Training** | **Training** | 4 |  | 13 |  | 72 | \* | 10 |  | 26 |  |
| **Printed values are multiplied by 100 and rounded to the nearest integer. Values greater than 0.4 are flagged by an '\*'.** | | | | | | | | | | | |

| **Variance Explained by Each Factor** | | | | |
| --- | --- | --- | --- | --- |
| **Factor1** | **Factor2** | **Factor3** | **Factor4** | **Factor5** |
| 5.3821156 | 2.6400211 | 2.5443776 | 1.9905047 | 1.4653903 |

| **Final Communality Estimates: Total = 14.022409** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Trump\_16** | **Romney\_12** | **McCain\_08** | **Black** | **Latino** | **Foreign\_Born** | **Land\_Area** |
| 0.93322754 | 0.94072030 | 0.91677120 | 0.87343445 | 0.86993348 | 0.83064994 | 0.79197534 |

| **High\_density** | **Very\_low\_density** | **Married\_Women** | **Under\_Eighteen** | **Avg\_Family\_Size** |
| --- | --- | --- | --- | --- |
| 0.77176339 | 0.77860424 | 0.88450415 | 0.84317105 | 0.88926008 |

| **Median\_Income** | **CollegeEdu** | **FemaleConvOcc** | **FemaleUNCONVOcc** | **Training** |
| --- | --- | --- | --- | --- |
| 0.91510455 | 0.90688616 | 0.61944632 | 0.64091638 | 0.61604076 |

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| --- |
| ***Scoring Coefficients Estimated by Regression*** |

| **Squared Multiple Correlations of the Variables with Each Factor** | | | | |
| --- | --- | --- | --- | --- |
| **Factor1** | **Factor2** | **Factor3** | **Factor4** | **Factor5** |
| 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 |

| **Standardized Scoring Coefficients** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | | **Factor1** | **Factor2** | **Factor3** | **Factor4** | **Factor5** |
| **Trump\_16** | Trump\_16 | 0.20837 | -0.01371 | 0.10115 | -0.04861 | 0.07104 |
| **Romney\_12** | Romney\_12 | 0.25200 | 0.05855 | 0.17239 | -0.04921 | 0.11152 |
| **McCain\_08** | McCain\_08 | 0.25796 | 0.05410 | 0.18454 | -0.03165 | 0.13814 |
| **Black** | Black | 0.09544 | 0.03274 | -0.02622 | 0.06768 | 0.66452 |
| **Latino** | Latino | -0.12339 | -0.18323 | 0.20654 | 0.08769 | -0.27197 |
| **Foreign\_Born** | Foreign\_Born | -0.11305 | 0.02745 | 0.12352 | 0.07164 | -0.16973 |
| **Land\_Area** | Land\_Area | 0.00487 | -0.17087 | -0.08740 | 0.05002 | -0.25621 |
| **High\_density** | High.density | -0.17137 | -0.02279 | 0.07483 | -0.11153 | -0.14889 |
| **Very\_low\_density** | Very.low.density | 0.00372 | -0.19688 | -0.06705 | -0.04138 | -0.20390 |
| **Married\_Women** | Married\_Women | 0.08409 | 0.20157 | -0.11308 | 0.16422 | -0.24562 |
| **Under\_Eighteen** | Under\_Eighteen | 0.03943 | 0.09571 | -0.06492 | 0.47494 | 0.07385 |
| **Avg\_Family\_Size** | Avg\_Family\_Size | -0.05387 | -0.03728 | 0.08398 | 0.28014 | 0.02204 |
| **Median\_Income** | Median\_Income | 0.02089 | 0.38783 | -0.12283 | 0.13224 | -0.07011 |
| **CollegeEdu** | CollegeEdu | 0.04396 | 0.35915 | -0.00741 | -0.10017 | 0.04909 |
| **FemaleConvOcc** | FemaleConvOcc | -0.03116 | 0.01765 | 0.19489 | -0.41473 | -0.00905 |
| **FemaleUNCONVOcc** | FemaleUNCONVOcc | -0.06829 | 0.06921 | -0.41698 | 0.18863 | 0.09621 |
| **Training** | Training | 0.19172 | 0.05173 | 0.41552 | -0.12181 | 0.35659 |