

FACYER ANALYSES

ANALYSES -----DIMENSION REDUCTION -----FACTOR

ئەو گۆراوانە تەحیدد دەکەم کە دەمەویەت تەحلیلیان بکەم

| y4 | y3 | λ1 | λ2 | λ3 | λ4 | λ5 | λ6 | λ7 | λ8 |
|----|----|----|----|----|----|----|----|----|----|
| 3 | 2 | 4 | 2 | 1 | 3 | 3 | 3 | 2 | |
| 4 | | | | | | | | | |
| 3 | | | | | | | | | |
| 3 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 3 | | | | | | | | | |
| 2 | | | | | | | | | |
| 1 | | | | | | | | | |
| 3 | | | | | | | | | |
| 1 | 2 | 5 | 2 | 5 | 1 | | | | |
| 3 | 2 | 5 | 5 | 5 | 1 | | | | |
| 3 | 2 | 4 | 2 | 3 | 1 | 3 | 4 | 4 | |
| 3 | 1 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | |

STEP 2

| y4 | y3 | λ1 | λ2 | λ3 | λ4 | λ5 | λ6 | λ7 | λ8 |
|----|----|----|----|----|----|----|----|----|----|
| 3 | 2 | 4 | 2 | 1 | 3 | 3 | 3 | 2 | |
| 4 | | | | | | | | | |
| 3 | | | | | | | | | |
| 3 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 3 | | | | | | | | | |
| 2 | | | | | | | | | |
| 1 | | | | | | | | | |
| 3 | | | | | | | | | |
| 1 | 2 | 5 | 2 | 5 | 1 | | | | |
| 3 | 2 | 5 | 5 | 5 | 1 | | | | |
| 3 | 2 | 4 | 2 | 3 | 1 | 3 | 4 | 4 | |
| 3 | 1 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | |

STEP3

Factor Analysis: Rotation

Method

- None
- Varimax
- Direct Oblimin
- Quartimax
- Equamax
- Promax

Delta: 0 Kappa: 4

Display

- Rotated solution
- Loading plot(s)

Maximum Iterations for Convergence: 25

Total Variance Explained

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | | Rotation Sums of Squared Loadings | | |
|-----------|---------------------|---------------|--------------|-------------------------------------|---------------|--------------|-----------------------------------|---------------|--------------|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % |
| 1 | 3.624 | 24.162 | 24.162 | 3.624 | 24.162 | 24.162 | 3.232 | 21.547 | 21.547 |
| 2 | 1.407 | 9.378 | 33.540 | 1.407 | 9.378 | 33.540 | 1.497 | 9.980 | 31.526 |
| 3 | 1.152 | 7.677 | 41.217 | 1.152 | 7.677 | 41.217 | 1.357 | 9.049 | 40.576 |
| 4 | 1.123 | 7.486 | 48.703 | 1.123 | 7.486 | 48.703 | 1.158 | 7.721 | 48.297 |
| 5 | 1.046 | 6.976 | 55.679 | 1.046 | 6.976 | 55.679 | 1.107 | 7.382 | 55.679 |
| 6 | .956 | 6.374 | 62.053 | | | | | | |
| 7 | .884 | 5.894 | 67.947 | | | | | | |
| 8 | .815 | 5.435 | 73.381 | | | | | | |
| 9 | .740 | 4.935 | 78.316 | | | | | | |
| 10 | .717 | 4.778 | 83.094 | | | | | | |
| 11 | .677 | 4.516 | 87.610 | | | | | | |
| 12 | .561 | 3.741 | 91.351 | | | | | | |
| 13 | .543 | 3.623 | 94.974 | | | | | | |
| 14 | .430 | 2.864 | 97.838 | | | | | | |
| 15 | .324 | 2.162 | 100.000 | | | | | | |

Rotated Component Matrix^a

| | Component | | | | |
|-----|-----------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| X1 | .713 | .054 | .216 | .006 | .109 |
| X2 | .100 | -.144 | .028 | .756 | -.054 |
| X3 | .690 | -.132 | .033 | .013 | .096 |
| X4 | .105 | .089 | -.078 | .049 | .842 |
| X5 | .639 | .008 | -.187 | .261 | -.020 |
| X6 | .603 | .040 | .228 | .042 | -.169 |
| X7 | .684 | -.035 | .375 | .196 | .033 |
| X8 | .641 | .299 | .018 | -.060 | .063 |
| X9 | .278 | .093 | .682 | .010 | .192 |
| X10 | .313 | .547 | .163 | -.195 | .076 |
| X11 | .037 | .188 | .672 | .022 | -.299 |
| X12 | .259 | .514 | -.283 | .099 | -.427 |
| X13 | -.117 | .702 | .225 | .112 | .045 |
| Q14 | -.012 | .417 | .029 | .619 | .145 |
| Q15 | .564 | .285 | -.019 | -.66 | -.049 |

