Appendix S2 shows the five-factor analysis to have strong eigenvalues for all factors when compared to the four-factor and six-factor options. Similarly, the five-factor option had more 'loadings' to the respective factors than the six-factor option. The five-factor option showed the strongest level of distinction among the options by having the lowest positive correlation or the strongest negative correlations among factors.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|   |  |  |  |  |  |  |
| **Exploring the strength of 4 factors** |   |   |
|  | ***Factor1*** | ***Factor2*** | ***Factor3*** | ***Factor4*** |  |  |
| **Eigenvalue** | 4.52 | 3.41 | 2.98 | 2.62 |  |  |
| **No. of loading Q-sorts** | 9 | 6 | 4 | 3 |  |  |
| **Correlation between factors** |  |  |  |  |  |  |
| ***Factor1*** | 1.0000 | 0.2328 | 0.1882 | 0.1479 |  |  |
| ***Factor2*** | 0.2328 | 1.0000 | -0.2371 | -0.0441 |  |  |
| ***Factor3*** | 0.1882 | -0.2371 | 1.0000 | 0.0340 |  |  |
| ***Factor4*** | 0.1479 | -0.0441 | 0.0340 | 1.0000 |  |  |
|   |   |   |   |   |   |   |
| **Exploring the strength of 5 factors** |  |  |
|  | ***Factor1*** | ***Factor2*** | ***Factor3*** | ***Factor4*** | ***Factor5*** |  |
| **Eigenvalue** | 4.24 | 3.48 | 3.08 | 2.31 | 2.25 |  |
| **No. of loading Q-sorts** | 7 | 4 | 4 | 2 | 3 |  |
| **Correlation between factors** |  |  |  |  |  |  |
| ***Factor1*** | 1.0000 | 0.1537 | 0.2466 | 0.2568 | 0.1240 |  |
| ***Factor2*** | 0.1537 | 1.0000 | -0.1566 | -0.0394 | -0.2101 |  |
| ***Factor3*** | 0.2466 | -0.1566 | 1.0000 | 0.0806 | 0.0707 |  |
| ***Factor4*** | 0.2568 | -0.0394 | 0.0806 | 1.0000 | 0.0198 |  |
| ***Factor5*** | 0.1240 | -0.2101 | 0.0707 | 0.0198 | 1.0000 |  |
|   |   |   |   |   |   |   |
| **Exploring the strength of 6 factors** |  |  |
|  | ***Factor1*** | ***Factor2*** | ***Factor3*** | ***Factor4*** | ***Factor5*** | ***Factor6*** |
| **Eigenvalue** | 3.61 | 3.42 | 3.35 | 2.21 | 2.13 | 1.83 |
| **No. of loading Q-sorts** | 4 | 4 | 4 | 2 | 3 | 2 |
| **Correlation between factors** |  |  |  |  |  |  |
| ***Factor1*** | 1.0000 | 0.0993 | 0.1454 | 0.0051 | -0.0100 | -0.0296 |
| ***Factor2*** | 0.0993 | 1.0000 | -0.1834 | 0.0654 | 0.0306 | -0.0785 |
| ***Factor3*** | 0.1454 | -0.1834 | 1.0000 | 0.0634 | -0.0024 | 0.1143 |
| ***Factor4*** | 0.0051 | 0.0654 | 0.0634 | 1.0000 | 0.1072 | 0.0954 |
| ***Factor5*** | -0.0100 | 0.0306 | -0.0024 | 0.1072 | 1.0000 | -0.0665 |
| ***Factor6*** | -0.0296 | -0.0785 | 0.1143 | 0.0954 | -0.0665 | 1.0000 |
|  |  |  |  |  |  |  |