|  | PC1 | PC2 | PC3 | PC4 | RC1 | RC2 | RC3 | RC4 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cr | **0.94** | -0.15 | 0.27 | 0.09 | **0.90** | 0.23 | -0.27 | 0.25 |
| Mn | 0.22 | **0.80** | 0.43 | -0.32 | -0.03 | **0.98** | 0.08 | 0.004 |
| Fe | 0.54 | **0.69** | 0.43 | -0.16 | 0.28 | **0.93** | 0.01 | 0.19 |
| Co | **0.82** | -0.38 | -0.18 | -0.21 | **0.93** | -0.12 | 0.08 | -0.10 |
| Cu | 0.34 | 0.37 | 0.01 | **0.86** | 0.06 | 0.11 | -0.03 | **0.99** |
| Zn | 0.16 | 0.42 | **-0.68** | -0.16 | 0.08 | 0.07 | **0.82** | 0.07 |
| As | **0.96** | -0.19 | 0.04 | -0.09 | **0.96** | 0.14 | -0.05 | 0.10 |
| Se | **0.96** | -0.22 | -0.10 | -0.001 | **0.97** | 0.02 | 0.04 | 0.18 |
| Cd | **0.97** | -0.11 | -0.01 | -0.19 | **0.97** | 0.21 | 0.05 | 0.04 |
| Hg | **0.80** | 0.31 | -0.40 | 0.31 | **0.63** | 0.13 | 0.46 | 0.60 |
| Pb | 0.07 | -0.40 | **0.69** | 0.21 | 0.12 | -0.01 | **-0.82** | 0.04 |
| Total Initial Eigenvalues | 5.44 | 1.95 | 1.58 | 1.13 | 4.97 | 1.99 | 1.65 | 1.50 |
| Percent variance of initial eigenvalues | 49.49 | 17.74 | 14.40 | 10.24 | 0.45 | 0.18 | 0.15 | 0.14 |
| Cumulative Percent of initial eigenvalues | 49.49 | 67.23 | 81.63 | 91.87 | 0.45 | 0.63 | 0.78 | 0.92 |