|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Parameter | Principal Component | | | Rotated Component | | |
| PC1 | PC2 | PC3 | RC1 | RC2 | RC3 |
| K | 0.1 | **0.57** | 0.22 | 0.04 | 0.39 | **0.49** |
| Ca | **0.69** | -0.12 | 0.1 | **0.7** | -0.05 | 0.04 |
| Ti | **0.67** | 0.07 | -0.38 | **0.62** | 0.36 | -0.28 |
| Mn | 0.23 | **0.5** | -0.43 | 0.13 | **0.68** | -0.11 |
| Fe | -0.28 | **0.7** | 0.26 | -0.36 | 0.42 | **0.57** |
| Co | 0.02 | 0.37 | **0.61** | 0 | 0.01 | **0.71** |
| Cu | 0.09 | **-0.119** | -0.117 | 0.1 | -0.03 | **-0.16** |
| Zn | **0.83** | 0.09 | -0.23 | **0.79** | 0.32 | -0.14 |
| As | -0.23 | **-0.5** | 0.35 | -0.14 | **-0.64** | 0.04 |
| Rb | 0.568 | **0.57** | 0.12 | 0.49 | **0.51** | 0.41 |
| Sr | **0.91** | -0.09 | 0.01 | **0.91** | 0.06 | -0.02 |
| Y | **0.61** | -0.42 | 0.41 | **0.68** | -0.47 | 0.15 |
| Zr | 0.17 | **-0.73** | 0.15 | 0.28 | **-0.67** | -0.24 |
| Nb | 0.4 | 0.01 | **0.56** | 0.43 | -0.22 | **0.49** |
| Pb | -0.05 | -0.18 | **-0.63** | -0.06 | 0.16 | **-0.63** |
| Initial eigen value | 3.516 | 2.574 | 1.923 | 3.49 | 2.43 | 2.09 |
| Percent variance of initial value | 23.44 | 17.16 | 12.8 | 23 | 16 | 14 |
| Cumulative percent of initial eigenvalue | 23.44 | 40.6 | 53.4 | 23 | 39 | 53 |