Results for Exploratory Factor Analysis for 5 factors (Varimax rotation)

Uniquenesses:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item28 | Item30 | Item33  | Item34  | Item35  | Item46  | Item18  | Item21  | Item23  |
| 0.434 | 0.337 | 0.224  | 0.295  | 0.368  | 0.436  | 0.437 | 0.342 | 0.549  |
| Item24  | Item27  | Item40  | Item42  | Item43  | Item44  | Item45  | Item49  | Item50 |
| 0.568 |  0.265  | 0.616  | 0.678  | 0.534  | 0.490  | 0.421  | 0.716  | 0.522  |
| Item1  | Item2  | Item3  | Item4  | Item5  | Item6  | Item7  | Item8  | Item9  |
| 0.494  | 0.345  | 0.820  | 0.711  | 0.609  | 0.746  | 0.683  | 0.707  | 0.724  |
| Item10  | Item11  | Item12  | Item13  | Item14  | Item15  | Item16  | Item17  | Item19  |
| 0.770  | 0.640  | 0.632  | 0.612  | 0.500  | 0.612  | 0.616  | 0.428  | 0.354  |
| Item20  | Item22  | Item25  | Item26  | Item29  | Item31  | Item32  | Item36  | Item37  |
| 0.734  | 0.456  | 0.475  | 0.452  | 0.327  | 0.228  | 0.319  | 0.188  | 0.346  |
| Item38  | Item39  | Item41  | Item47  | Item48 |  |  |  |  |
| 0.380  | 0.716  | 0.684  | 0.373  | 0.473 |  |  |  |  |

Loadings:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|   | Factor1  | Factor2  | Factor3  | Factor4  | Factor5 |
| Item28  | 0.580  | 0.260  | 0.224  | 0.252  | 0.219  |
| Item30  | 0.753  |   | 0.214  |   |   |
| Item33  | 0.775  |   |   |   | 0.365  |
| Item34  | 0.766  |   | 0.270  |   |   |
| Item35  | 0.751  |   |   |   | 0.204  |
| Item40  | 0.583  |   |   |   |   |
| Item44  | 0.556  |   | 0.323  |   | 0.293  |
| Item29  | 0.762  |   |   | 0.224  |   |
| Item31  | 0.803  | 0.236  |   |   |   |
| Item32  | 0.727  | 0.246  | 0.215  |   |   |
| Item36  | 0.858  |   | 0.225  |   |   |
| Item37  | 0.705  | 0.310  |   | 0.209  |   |
| Item38  | 0.622  | 0.305  | 0.239  | 0.278  |   |
| Item47  | 0.610  |   | 0.331  |   | 0.377  |
| Item2  |   | 0.773  |   |   |   |
| Item4  |   | 0.530  |   |   |   |
| Item5  |   | 0.578  |   | 0.230  |   |
| Item13  |   | 0.546  |   |   |   |
| Item14  |   | 0.625  | 0.292  |   |   |
| Item18  | 0.262  | 0.239  | 0.635  |   |   |
| Item21  | 0.316  |   | 0.707  | 0.219  |   |
| Item24  | 0.283  |   | 0.568  |   |   |
| Item27  | 0.366  |   | 0.711  | 0.237  |   |
| Item45  | 0.439  |   | 0.571  |   |   |
| Item50  |   | 0.329  | 0.586  |   |   |
| Item25  | 0.287  | 0.204  | 0.534  | 0.318  |   |
| Item26  | 0.291  | 0.318  | 0.215  | 0.532  |   |
| Item46  | 0.258  | 0.229  | 0.309  | 0.287  | 0.516  |
| Item23  | 0.464  | 0.244  | 0.394  |   |   |
| Item42  | 0.460  |   | 0.306  |   |   |
| Item43  | 0.262  | 0.488  | 0.324  |   |   |
| Item49  | 0.289  |   | 0.416  |   |   |
| Item1  | 0.251  | 0.484  |   |   | 0.419  |
| Item3  |   | 0.240  |   |   | 0.336  |
| Item6  |   | 0.304  | 0.383  |   |   |
| Item7  | 0.232  | 0.386  | 0.261  |   | 0.208  |
| Item8  | 0.201  | 0.457  |   |   |   |
| Item9  |   | 0.384  | 0.276  |   |   |
| Item10  | 0.261  | 0.395  |   |   |   |
| Item11  | 0.203  | 0.297  | 0.368  |   | 0.295  |
| Item12  |   | 0.495  | 0.206  |   | 0.238  |
| Item15  | 0.216  | 0.459  | 0.288  |   | 0.218  |
| Item16  | 0.254  | 0.455  | 0.315  |   |   |
| Item17  | 0.491  | 0.239  | 0.216  | 0.429  | 0.208  |
| Item19  | 0.333  | 0.373  | 0.371  | 0.478  |   |
| Item20  | 0.210  | 0.283  |   | 0.309  |   |
| Item22  | 0.433  | 0.415  |   | 0.406  |   |
| Item39  | 0.261  | 0.284  | 0.210  | 0.301  |   |
| Item41  | 0.436  |   |   | 0.338  |   |
| Item48  | 0.388  | 0.237  | 0.282  | 0.387  | 0.303  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|   | Factor1  | Factor2  | Factor3  | Factor4  | Factor5 |
| SS loadings  | 9.850  | 5.475  | 5.206  | 2.325  | 1.759 |
| Proportion Variance  | 0.197  | 0.109  | 0.104  | 0.046  | 0.035 |
| Cumulative Variance  | 0.197  | 0.306  | 0.411  | 0.457  | 0.492 |

Test of the hypothesis that 5 factors are sufficient.

The chi square statistic is 4211.06 on 985 degrees of freedom.

The p-value is < 0.001