Exploratory Factor Analysis Output

| **Kaiser-Meyer-Olkin Test** | | | |
| --- | --- | --- | --- |
|  | | **MSA** | |
| Overall MSA |  | 0.708 |  |
| sptot |  | 0.762 |  |
| psstot |  | 0.840 |  |
| bsidep |  | 0.771 |  |
| bsianx |  | 0.637 |  |
| esewalk |  | 0.475 |  |
| esebike |  | 0.740 |  |
| eseweek |  | 0.588 |  |
| hopewill |  | 0.828 |  |
| hopeway |  | 0.751 |  |
|  | | | |

| **Bartlett's Test** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Χ²** | | **df** | | **p** | |
| 178.087 |  | 36.000 |  | < .001 |  |
|  | | | | | |

| **Chi-squared Test** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Value** | | **df** | | **p** | |
| Model |  | 11.815 |  | 12 |  | 0.461 |  |
|  | | | | | | | |

| **Factor Loadings** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Factor 1** | | **Factor 2** | | **Factor 3** | | **Uniqueness** | |
| esewalk |  | 1.023 |  |  |  |  |  | 0.005 |  |
| eseweek |  | 0.857 |  |  |  |  |  | 0.246 |  |
| esebike |  | 0.636 |  |  |  |  |  | 0.534 |  |
| sptot |  |  |  | 0.971 |  |  |  | 0.216 |  |
| hopewill |  |  |  | 0.775 |  |  |  | 0.126 |  |
| hopeway |  |  |  | 0.531 |  |  |  | 0.657 |  |
| bsianx |  |  |  |  |  | 1.056 |  | 0.005 |  |
| bsidep |  |  |  |  |  | 0.550 |  | 0.150 |  |
| psstot |  |  |  |  |  | 0.543 |  | 0.436 |  |
|  | | | | | | | | | |
| *Note.*  Applied rotation method is promax. | | | | | | | | | |

| **Factor Characteristics** | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | **Unrotated solution** | | | | | | **Rotated solution** | | | | | |
|  | | **Eigenvalues** | | **SumSq. Loadings** | | **Proportion var.** | | **Cumulative** | | **SumSq. Loadings** | | **Proportion var.** | | **Cumulative** | |
| Factor 1 |  | 4.418 |  | 4.201 |  | 0.467 |  | 0.467 |  | 2.329 |  | 0.259 |  | 0.259 |  |
| Factor 2 |  | 2.179 |  | 1.963 |  | 0.218 |  | 0.685 |  | 2.293 |  | 0.255 |  | 0.514 |  |
| Factor 3 |  | 0.737 |  | 0.452 |  | 0.050 |  | 0.735 |  | 2.002 |  | 0.222 |  | 0.736 |  |
|  | | | | | | | | | | | | | | | |

**Path Diagram**

