Supplemental Table 2. Area-level factor loadings and correlations

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Factor** | **Indicator variable description** | **Variable loading** | **Alpha** | **Factor Scale Correlations** | | | |
|  |  |  |  | **A1** | **A2** | **A3** | **A4** |
| A1. Spending, income and education | |  | *0.94* | 1 |  |  |  |
|  | Health spending | 1 |  |  |  |  |  |
|  | Insurance spending | 1 |  |  |  |  |  |
|  | Prescription spending | 0.996 |  |  |  |  |  |
|  | Medicare spending | 0.981 |  |  |  |  |  |
|  | Housing spending | 0.974 |  |  |  |  |  |
|  | Median Income | 0.777 |  |  |  |  |  |
|  | Percent more than HS education | 0.436 |  |  |  |  |  |
|  | Alcohol expenditures | 0.45 |  |  |  |  |  |
| A2. Crime and alcohol outlets | |  | *0.83* | -0.42*a* | 1 |  |  |
|  | Violent crime rate | 1 |  |  |  |  |  |
|  | Criminal mischief rate | 0.729 |  |  |  |  |  |
|  | Drug arrest rate | 0.693 |  |  |  |  |  |
|  | Disorderly conduct rate | 0.6 |  |  |  |  |  |
|  | Alcohol outlet density | 0.383 |  |  |  |  |  |
| A3. Deprivation, vacancy and violence | |  | *0.69* | -0.62*a* | 0.44*a* | 1 |  |
|  | Percent of adults in poverty | 1 |  |  |  |  |  |
|  | Percent of children in poverty | 0.892 |  |  |  |  |  |
|  | Percent of older adults in poverty | 0.537 |  |  |  |  |  |
|  | Percent on public assistance | 0.509 |  |  |  |  |  |
|  | Vacant property rate | 0.577 |  |  |  |  |  |
|  | Greened lot rate | 0.452 |  |  |  |  |  |
|  | Percent experienced violence | 0.645 |  |  |  |  |  |
|  | Lack of access to firearms | 0.611 |  |  |  |  |  |
| A4. Neighbor disconnectedness | |  | *0.92* | -0.03 | -0.09 | 0.20*a* | 1 |
|  | Don’t feel like they belong | 1 |  |  |  |  |  |
|  | Trust (can’t trust neighbors) | 0.981 |  |  |  |  |  |
|  | Have not worked to improve neighborhood | 0.904 |  |  |  |  |  |
|  | Neighbors unlikely to help each other | 0.731 |  |  |  |  |  |

1. indicates p-value <0.05 for the test of *H*0: *r*=0