Supplemental Material 1. Correlation between social variables

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Value** | **Percent of residents in poverty** | **Median income** | **Employment in healthcare and social assistance industry** | **Employment in transportation industry** | **Employment in service occupations** | **Employment in healthcare support occupations** | **Percent of residents who rent** | **Percent of residents who are uninsured** | **Unemployment rate** |
| **Percent of residents in poverty** | R | 1 | -0.6488 | 0.0927 | 0.1366 | 0.6098 | 0.3902 | 0.6195 | 0.5177 | 0.3811 |
|  | P-value |  | <.0001 | 0.2378 | 0.0812 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| **Median income** | R | -0.6488 | 1 | -0.2342 | -0.2683 | -0.7122 | -0.4878 | -0.5512 | -0.4737 | -0.3958 |
|  | P-value | <.0001 |  | 0.0025 | 0.0005 | <.0001 | <.0001 | <.0001 | <.0001 | <.0001 |
| **Employment in healthcare and social assistance industry** | R | 0.0927 | -0.2342 | 1 | 0.3463 | 0.1805 | 0.4585 | 0.1659 | 0.0919 | 0.1799 |
|  | P-value | 0.2378 | 0.0025 |  | <.0001 | 0.0207 | <.0001 | 0.0338 | 0.2418 | 0.0211 |
| **Employment in transportation industry** | R | 0.1366 | -0.2683 | 0.3463 | 1 | 0.2098 | 0.2439 | 0.1073 | 0.2546 | 0.2756 |
|  | P-value | 0.0812 | 0.0005 | <.0001 |  | 0.0070 | 0.0016 | 0.1714 | 0.0010 | 0.0004 |
| **Employment in service occupations** | R | 0.6098 | -0.7122 | 0.1805 | 0.2098 | 1 | 0.5951 | 0.4098 | 0.5641 | 0.3189 |
|  | P-value | <.0001 | <.0001 | 0.0207 | 0.0070 |  | <.0001 | <.0001 | <.0001 | <.0001 |
| **Employment in healthcare support occupations** | R | 0.3902 | -0.4878 | 0.4585 | 0.2439 | 0.5951 | 1 | 0.3171 | 0.3245 | 0.3381 |
|  | P-value | <.0001 | <.0001 | <.0001 | 0.0016 | <.0001 |  | <.0001 | <.0001 | <.0001 |
| **Percent of residents who rent** | R | 0.6195 | -0.5512 | 0.1659 | 0.1073 | 0.4098 | 0.3171 | 1 | 0.4129 | 0.2380 |
|  | P-value | <.0001 | <.0001 | 0.0338 | 0.1714 | <.0001 | <.0001 |  | <.0001 | 0.0022 |
| **Percent of residents who are uninsured** | R | 0.5177 | -0.4737 | 0.0919 | 0.2546 | 0.5641 | 0.3245 | 0.4129 | 1 | 0.2592 |
|  | P-value | <.0001 | <.0001 | 0.2418 | 0.0010 | <.0001 | <.0001 | <.0001 |  | 0.0008 |
| **Unemployment rate** | R | 0.3811 | -0.3958 | 0.1799 | 0.2756 | 0.3189 | 0.3381 | 0.2380 | 0.2592 | 1 |
|  | P-value | <.0001 | <.0001 | 0.0211 | 0.0004 | <.0001 | <.0001 | 0.0022 | 0.0008 |  |