|  | Social Capital Overall | Social Capital Overall | Bonding Social Capital | Bonding Social Capital | Bridging Social Capital | Bridging Social Capital | Linking Social Capital | Linking Social Capital |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ln(SI Overall + 1) | 0.028\*\*\* |  | -0.022\*\*\* |  | 0.121\*\*\* |  | -0.001 |  |
|  | (0.006) |  | (0.005) |  | (0.017) |  | (0.009) |  |
| ln(Community Spaces + 1) |  | 0.013\*\*\* |  |  |  | 0.065\*\*\* |  | -0.014\* |
|  |  | (0.004) |  |  |  | (0.013) |  | (0.006) |
| ln(Places of Worship + 1) |  | 0.004 |  |  |  | 0.018 |  | 0.001 |
|  |  | (0.004) |  |  |  | (0.016) |  | (0.007) |
| ln(Social Businesses + 1) |  | 0.017\*\* |  |  |  | 0.033+ |  | 0.015\* |
|  |  | (0.006) |  |  |  | (0.017) |  | (0.006) |
| ln(Parks + 1) |  | 0.003 |  |  |  | 0.039\*\* |  | -0.006 |
|  |  | (0.004) |  |  |  | (0.013) |  | (0.007) |
| ln(Pop. Density) | 0.008\* | 0.004 | -0.039\*\*\* | -0.038\*\*\* | 0.111\*\*\* | 0.104\*\*\* | -0.044\*\*\* | -0.049\*\*\* |
|  | (0.004) | (0.004) | (0.005) | (0.005) | (0.011) | (0.011) | (0.009) | (0.009) |
| logit(% Black) | 0.003 | 0.003 | -0.054\*\*\* | -0.056\*\*\* | -0.103\*\*\* | -0.101\*\*\* | 0.152\*\*\* | 0.152\*\*\* |
|  | (0.003) | (0.003) | (0.003) | (0.003) | (0.008) | (0.008) | (0.007) | (0.007) |
| logit(% Hispanic/Latino) | -0.125\*\*\* | -0.124\*\*\* | -0.245\*\*\* | -0.242\*\*\* | -0.126\*\*\* | -0.124\*\*\* | -0.040\*\*\* | -0.041\*\*\* |
|  | (0.004) | (0.004) | (0.004) | (0.004) | (0.010) | (0.010) | (0.008) | (0.008) |
| logit(% Asian) | -0.027\*\*\* | -0.027\*\*\* | -0.158\*\*\* | -0.158\*\*\* | 0.041\*\*\* | 0.042\*\*\* | 0.059\*\*\* | 0.058\*\*\* |
|  | (0.003) | (0.003) | (0.003) | (0.003) | (0.007) | (0.007) | (0.006) | (0.006) |
| ln(Median Household Income) | 0.020\*\*\* | 0.021\*\*\* | 0.101\*\*\* | 0.102\*\*\* | -0.055\*\*\* | -0.051\*\*\* | 0.015 | 0.014 |
|  | (0.004) | (0.004) | (0.005) | (0.005) | (0.012) | (0.012) | (0.010) | (0.010) |
| logit(% Income 0-60K) | -0.029\*\*\* | -0.029\*\*\* | -0.014\*\* | -0.014\*\* | 0.058\*\*\* | 0.059\*\*\* | -0.121\*\*\* | -0.121\*\*\* |
|  | (0.004) | (0.004) | (0.005) | (0.005) | (0.012) | (0.012) | (0.010) | (0.010) |
| logit(% Some College) | 0.042\*\*\* | 0.043\*\*\* | -0.137\*\*\* | -0.137\*\*\* | 0.249\*\*\* | 0.251\*\*\* | 0.041\*\*\* | 0.041\*\*\* |
|  | (0.004) | (0.004) | (0.005) | (0.005) | (0.011) | (0.011) | (0.009) | (0.009) |
| logit(% Over Age 65) | -0.001 | -0.001 | -0.106\*\*\* | -0.107\*\*\* | 0.003 | 0.004 | 0.109\*\*\* | 0.108\*\*\* |
|  | (0.002) | (0.002) | (0.003) | (0.003) | (0.006) | (0.006) | (0.005) | (0.005) |
| Constant | 0.002 | 0.003 | -0.073\*\*\* | -0.060\*\* | -0.182\* | -0.176\* | 0.255\*\*\* | 0.253\*\*\* |
|  | (0.032) | (0.033) | (0.020) | (0.021) | (0.078) | (0.080) | (0.059) | (0.059) |
| SD (City-Intercepts) | 0.160 | 0.164 | 0.097 | 0.101 | 0.387 | 0.400 | 0.295 | 0.292 |
| SD (City-Slope of ln(SI Overall + 1)) | 0.026 |  | 0.018 |  | 0.073 |  | 0.029 |  |
| SD (City-Slope of ln(Community Spaces + 1)) |  | 0.014 |  |  |  | 0.049 |  | 0.013 |
| SD (City-Slope of ln(Places of Worship + 1)) |  | 0.014 |  |  |  | 0.066 |  | 0.007 |
| SD (City-Slope of ln(Social Businesses + 1)) |  | 0.026 |  |  |  | 0.074 |  |  |
| SD (City-Slope of ln(Parks + 1)) |  | 0.009 |  |  |  | 0.044 |  |  |
| SD (Residuals) | 0.212 | 0.212 | 0.241 | 0.240 | 0.575 | 0.571 | 0.467 | 0.468 |
| Num.Obs. | 10701 | 10701 | 10701 | 10701 | 10701 | 10701 | 10701 | 10701 |
| AIC | -2524.8 | -2488.9 | 128.4 | 163.9 | 18790.0 | 18754.4 | 14327.0 | 14362.3 |
| BIC | -2415.7 | -2270.5 | 237.6 | 382.2 | 18899.2 | 18972.8 | 14436.2 | 14515.2 |
| RMSE | 0.21 | 0.21 | 0.24 | 0.24 | 0.57 | 0.57 | 0.47 | 0.47 |
| Statistical Significance: \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. Sigma: Residual Standard Error of Model. Approximates error term in model. Rates: Each social infrastructure variable reflects the rate of sites per 1000 residents per sq.km. Demographics: sourced from 2020 American Community Survey 5-year averages. Rescaling: To aid convergence, each covariate was rescaled as Z-scores. Random Effects: Each model includes random intercepts for each city, plus per-city random effects of each type of social infrastructure in that model.Some models required minor adjustments to achieve convergence.For Model 4, social infrastructure rates had to remain unnormalized.Model 8 could not include per-city random effects for parks or social businesses. | | | | | | | | |