|  | Without Demography control | | | With Demography control | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | PFB | Graph theory | | PFB | Graph theory | |
| Network definition | Low-stress network | Bike infrastructure | Low-stress network | Low-stress network | Bike infrastructure | Low-stress network |
| (Intercept) | -10.73\*\*\* | -10.77\*\*\* | -10.74\*\*\* | -10.91\*\*\* | -10.94\*\*\* | -10.95\*\*\* |
|  | (0.10) | (0.11) | (0.10) | (0.08) | (0.09) | (0.08) |
| ***Topography*** | | | | | | |
| Slope | -0.22 | -0.11 | -0.22 | 0.12 | 0.02 | 0.18 |
|  | (0.14) | (0.19) | (0.15) | (0.12) | (0.16) | (0.13) |
| Area | -0.13 | -0.27 | -0.11 | -0.23\* | -0.27+ | -0.30\* |
|  | (0.14) | (0.19) | (0.15) | (0.11) | (0.16) | (0.12) |
| ***Connectivity indices*** | | | | | | |
| Connectivity | 0.48\*\*\* | -0.07 | 0.08 | 0.20\* | -0.01 | 0.12 |
|  | (0.11) | (0.20) | (0.17) | (0.10) | (0.16) | (0.13) |
| Network density |  | -0.09 | -0.12 |  | -0.08 | -0.22 |
|  |  | (0.19) | (0.20) |  | (0.16) | (0.16) |
| Network coverage |  | -0.41+ | -0.29\* |  | -0.19 | -0.28\*\* |
|  |  | (0.23) | (0.13) |  | (0.21) | (0.10) |
| Intersections density |  | 0.62\*\*\* | 0.46\* |  | 0.26+ | 0.18 |
|  |  | (0.16) | (0.19) |  | (0.16) | (0.15) |
| Network complexity |  | 0.17 | -0.02 |  | 0.04 | 0.12 |
|  |  | (0.19) | (0.21) |  | (0.15) | (0.15) |
| ***Demography*** | | | | | | |
| Population density |  |  |  | 0.10 | 0.05 | 0.13 |
|  |  |  |  | (0.11) | (0.15) | (0.11) |
| % Hispanic |  |  |  | 0.57\*\*\* | 0.58\*\*\* | 0.65\*\*\* |
|  |  |  |  | (0.12) | (0.14) | (0.11) |
| Median household income |  |  |  | -0.34\*\* | -0.38\*\* | -0.34\*\* |
|  |  |  |  | (0.11) | (0.14) | (0.11) |
| % unemployment |  |  |  | -0.20\* | -0.22\* | -0.21\*\* |
|  |  |  |  | (0.09) | (0.10) | (0.08) |
| % female |  |  |  | 0.02 | 0.08 | -0.01 |
|  |  |  |  | (0.09) | (0.10) | (0.08) |
| % veteran |  |  |  | 0.03 | 0.11 | 0.04 |
|  |  |  |  | (0.09) | (0.10) | (0.08) |
| % White |  |  |  | 0.27\* | 0.31\* | 0.30\*\* |
|  |  |  |  | (0.11) | (0.13) | (0.10) |
| Num.Obs. | 125 | 95 | 125 | 125 | 95 | 125 |
| AIC | 632.9 | 522.6 | 637.1 | 589.0 | 493.0 | 585.4 |
| BIC | 647.0 | 545.6 | 662.6 | 622.9 | 533.9 | 630.6 |
| Log.Lik. |  |  |  |  |  | -276.696 |
| F | 14.972 |  | 7.418 | 14.001 |  | 12.400 |
| RMSE | 9.26 | 6.30 | 7.25 | 4.47 | 4.62 | 4.04 |
| + p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | | | | |