Supplemental Appendix Table A1: Population counts and area based socioeconomic measures, source variables, and cutpoints computed from the 2014-2018 American Community Survey 5-year estimates

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| **Variable** | **Formula: Source Variables** | **US County Cutpoints\*** | **ZCTA cutpoints (Illinois)†** | **ZCTA cutpoints (NYC) ‡** |
| *Population Counts* |
| Total population | B01003\_001E |  |  |  |
| White Non-Hispanic Population | B01001H\_001E |  |  |  |
| *Area-based socioeconomic measures* |
| % of persons below poverty | B17001\_002E/B17001\_001E | 0-4.9%5-9.9%10-14.9%15-19.9%20-100% | 0-4.9%5-9.9%10-14.9%15-19.9%20-100% | 0-4.9%5-9.9%10-14.9%15-19.9%20-100% |
| Index of Concentration at the Extremes (high income white households versus low income black households)§ | ((B19001A\_014E + B19001A\_015E + B19001A\_016E + B19001A\_017E) - (B19001B\_002E + B19001B\_003E + B19001B\_004E + B19001B\_005E))/B19001\_001E, | Q1: [-0.522,0.114]llQ2: (0.114,0.159]Q3: (0.159,0.205]Q4: (0.205,0.283]Q5: (0.283,0.536] | Q1: [-1,0.0375]Q2: (0.0375,0.166]Q3: (0.166,0.27]Q4: (0.27,0.396]Q5: (0.396,0.721] | Q1: [-0.385,-0.102]Q2: (-0.102,0.0212]Q3: (0.0212,0.141]Q4: (0.141,0.29]Q5: (0.29,0.7] |
| % crowding (>1 person per room) | (B25014\_005E + B25014\_006E + B25014\_007E + B25014\_011E + B25014\_012E + B25014\_013E) / B25014\_001E | Q1: [0%, 1.47%]Q2: (1.47%, 2.12%]Q3: (2.12%, 3.06%]Q4: (3.06%, 4.91%]Q5: (4.91%, 49.3%] | Q1: [0%, 0.971%]Q2: (0.971%, 1.7%]Q3: (1.7%, 2.64%]Q4: (2.64%, 4.46%]Q5: (4.46%, 14.3%] | Q1:[0.942%, 4.78%]Q2: (4.78%, 6.98%]Q3: (6.98%, 9.78%]Q4: (9.78%, 13.8%]Q5: (13.8%, 29.7%] |
| % population of color (not White Non-Hispanic) | B01003\_001E - B01001H\_001E)/B01003\_001E | Q1: [0%, 17.2%]Q2: (17.2%, 30.2%]Q3: (30.2%, 44.3%]Q4: (44.3%, 61%]Q5: (61%, 100%] | Q1: [0.685%, 18%]Q2: (18%, 28.6%]Q3: (28.6%, 44.5%]Q4: (44.5%, 71.8%]Q5: (71.8%, 99%] | Q1: [8.39%, 40.2%]Q2: (40.2%, 58.4%]Q3: (58.4%, 82.6%]Q4: (82.6%, 95.7%]Q5: (95.7%, 99.2%] |

\* Quintile cutpoints based on US county distribution, weighted by population size.

† Quintile cutpoints based on ZCTA distribution in Illinois, weighted by population size.

‡ Quintile cutpoints based on ZCTA distribution in New York City, weighted by population size.

§ “high income” and “low income” defined as the top and bottom quintile of the US household income distribution based on the 2014-2018 American Community Survey 5-year estimates.

ll [*a,b*] indicates interval where value *x* is *a*≤*x*≤*b*; (*a,b*] indicates interval where value *x* is *a*<*x*≤*b*.