S1 Table. Neighborhood Racial Segregation and Dissimilarity Measures

|  |  |  |  |
| --- | --- | --- | --- |
| *Measure* | *Formula* | *Possible values* | *Interpretation* |
| Racial Residential Segregation (RRS)  | RRS = (pwhite - pblack|)/ ptotal Pblack =the number of the non-Hispanic blacks in the census block group.pwhite =the number of the non-Hispanic whites in the block group.ptotal =the total of non-Hispanic blacks and whites in the block group. | Range from -1 to 1. | Higher values indicate predominantly non-Hispanic white residents in the block group, negative values indicates predominantly non-Hispanic black residents in block group, and zero indicates equal distribution of non-Hispanic whites and blacks. |
| Index of Racial Dissimilarity (IRD)  | IRD = (0.5 Σ |( pblack / Pblack) − pwhite / Pwhite)|) \* 100Pblack =the number of non-Hispanic blacks in the census block group. Pblack =the number of non-Hispanic blacks in the census tract.pwhite and Pwhite = corresponding values for the non-Hispanic whites in the block group and census tract. | Range from 0% to 100%, | High values indicate high dissimilarity in the distribution of non-Hispanic blacks to whites between the block group and the census tract, and low values indicate similarity. |