

Supplemental Material

Spatially Varying Associations of Neighborhood Disadvantage with Alcohol and Tobacco Retail Outlet Rates

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Table S1. Two-sample t-test results for deciles of neighborhood disadvantage index (NDI) variables between block groups with significantly elevated NDI effects and without significantly elevated NDI effects.

Variable	TRO			ARO			TARO		
	Significantly Elevated	Not Significantly Elevated	P-value	Significantly Elevated	Not Significantly Elevated	P-value	Significantly Elevated	Not Significantly Elevated	P-value
Black segregation	5.017	4.432	0.000	5.291	4.419	0.000	5.492	4.395	0.000
Hispanic segregation	4.854	4.453	0.001	4.445	4.506	0.647	5.146	4.431	0.000
Income to poverty ratio < 1	5.455	4.374	0.000	5.456	4.402	0.000	5.535	4.390	0.000
Public assistance	4.839	4.455	0.001	4.785	4.471	0.015	4.895	4.458	0.001
Renter	6.129	4.286	0.000	5.881	4.359	0.000	6.503	4.288	0.000
Pre 1940 housing	5.311	4.393	0.000	5.316	4.417	0.000	5.096	4.437	0.000
Less than high school degree	5.272	4.398	0.000	5.273	4.421	0.000	5.360	4.409	0.000
Poverty	5.485	4.370	0.000	5.564	4.391	0.000	5.578	4.386	0.000
Per capita income (reversed)	5.136	4.416	0.000	5.213	4.427	0.000	5.362	4.409	0.000

Figure S1. Block groups with significantly elevated neighborhood disadvantage index (NDI) relative risk ≥ 1.8 and NDI < 5

Significantly Elevated NDI Relative Risks and Low NDI

