

Table S6. Individual Index Item Mean Comparisons by Agreement: III. Low ADI (10%)

Index Item	N	3b. Poor Agreement		3a. Good Agreement		Difference (3b. – 3a.)	p-value	Cohen's D
		Low ADI (10%), High SVI (40%)		Low ADI (10%), Low SVI (20%)				
		n	Mean	n	Mean			
ADI 2019^a (units as indicated)	7,262	1182	7.18	3183	5.80	+1.38	<0.001	0.913
Median family income \$ ^c		1168	71,806.92	3178	176,633.27	-104,826.35	<0.001	1.963
% Population <150% poverty level		1182	30.45	3183	6.43	+24.03	<0.001	1.900
% Families below poverty level ^b		1182	15.16	3183	2.23	+12.93	<0.001	1.586
% ≥High school diploma ^c		1182	78.56	3183	97.27	-18.71	<0.001	1.556
Income disparity (ratio)		1163	2.42	2910	0.88	+1.54	<0.001	1.510
% White collar occupation ^c		1182	57.54	3183	83.42	-25.88	<0.001	1.381
% Single-parent households ^b		1182	14.98	3183	5.20	+9.78	<0.001	1.340
% Owner-occupied housing ^c		1182	32.94	3183	78.89	-45.95	<0.001	1.301
% Households w/out vehicle ^b		1182	34.42	3183	5.09	+29.32	<0.001	1.106
% Unemployment ^b		1182	6.45	3183	3.34	+3.11	<0.001	1.038
% <9 years of education		1182	11.77	3183	1.17	+10.60	<0.001	0.918
% Crowded households ^b		1182	12.63	3183	1.03	+11.60	<0.001	0.910
% Households w/out a telephone		1181	2.17	3169	0.89	+1.28	<0.001	0.453**
% Households, incomplete plumbing		1182	0.70	3183	0.20	+0.49	<0.001	0.198
Median home value \$ ^c		1090	762,927.80	3171	850,676.17	-87,748.37	<0.001	0.134
Median monthly mortgage \$ ^c		1073	2,877.21	3170	3,306.71	-429.50	<0.001	0.070
Median gross rent \$ ^c		1177	1,455.26	2906	2,173.13	-717.87	<0.001	0.057
SVI 2018^d (percentile rankings)	7,262	1182	76.54	3183	8.84	+67.70	<0.001	10.309
Per capita income		1182	54.97	3183	5.59	+49.38	<0.001	3.584
Persons below poverty ^b		1182	66.93	3183	13.54	+53.39	<0.001	3.494
No high school diploma		1182	76.18	3183	10.72	+65.46	<0.001	3.371
Minority population		1182	79.01	3183	39.90	+39.11	<0.001	2.693
Single-parent households ^b		1182	53.64	3183	18.36	+35.28	<0.001	2.405
Population w/out a vehicle ^b		1182	82.06	3183	27.34	+54.72	<0.001	2.269
Unemployment ^b		1182	59.35	3183	27.97	+31.38	<0.001	2.053
Crowded households ^b		1182	87.24	3183	23.56	+63.68	<0.001	1.897
Persons aged 17 and younger		1182	42.40	3183	47.84	-5.44	<0.001	1.627
Speak English “less than well”		1182	86.37	3183	41.09	+45.28	<0.001	1.108
Persons aged 65+		1182	39.38	3183	55.01	-15.62	<0.001	1.003
Multi-unit structures (10+ units)		1182	77.68	3183	39.72	+37.95	<0.001	0.916
Persons in group quarters		1182	53.42	3183	29.02	+24.40	<0.001	0.754**
Population with a disability		1182	38.17	3183	15.54	+22.63	<0.001	0.480*
Mobile homes		1182	16.64	3183	11.91	+4.73	<0.001	0.107

Abbreviations: ADI, area deprivation index; SVI, social vulnerability index; %, percentage; w/out, without.

^a = A population-weighted mean was used to aggregate ADI block group data to tract. ADI is a percentile ranking from 0 to 100. ADI items ranging from 0 to 1 were multiplied by 100 for comparisons.

^b = Both ADI and SVI contain this item.

^c = Negative factor loadings (lower values indicate higher deprivation).

^d = SVI item units are percentile rankings ranging from 0 to 1. All SVI items were multiplied by 100 for comparisons.

Bold text: p-value, p<0.001; Cohen's D, large effect size (|Cohen's D| ≥0.80).

**=p-value, p≤0.01; Cohen's D, medium effect size (Cohen's D | ≥0.50 - <0.80|).

* = p-value, p≤0.05; Cohen's D, small effect size (Cohen's D | ≥0.20 - <0.50|).