

Supplemental Table 1: Demographic characteristics using Approach 1, main effects models, with four individual variables (NESARC-III, n=36,309)

Variables	Total	Self-reported health		$\chi^2$
		Excellent/ very good <i>n=18,876</i> 51.99%	Good/fair/ poor <i>n=17,433</i> 48.80%	
	<i>n (%)</i>	<i>col %</i>	<i>col %</i>	
<i>Focal intersectional variables</i>				
<b>Race/ethnicity</b>				<0.0001
White, non-Hispanic	19,194 (66.18)	69.14	62.67	
BIPOC, any race or ethnicity	17,115 (33.81)	30.85	37.32	
<b>Federal poverty level</b>				<0.0001
Above	27,901 (81.76)	86.93	75.61	
Below	8,408 (18.23)	13.06	24.38	
<b>Disability status</b>				<0.0001
No disability	26,599 (74.98)	91.29	55.58	
Either mental or physical or both	9,710 (25.02)	8.71	44.41	
<b>Sexual orientation</b>				0.01
Heterosexual	34,644 (95.91)	96.21	95.56	
Gay/lesbian/bisexual/don't know	1,665 (4.08)	3.78	4.43	
<i>Covariates</i>				
<b>Age group</b>				<0.0001
18-29	8,126 (21.67)	27.15	15.15	
30-39	6,900 (16.72)	18.44	14.67	

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49-49	6,545 (18.07)	18.41	17.68	
50+	14,738 (43.52)	35.99	52.48	
<b>Gender</b>				<0.001
Male	15,862 (48.09)	49.21	46.75	
Female	20,447 (51.90)	50.78	53.24	

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Note: Percentages were derived using survey procedures in SAS and incorporate survey weights and strata; weighted percentages may not add up to 100%; Rao-Scott chi-square