

Supplementary Table S1. Factor loadings for health behaviors among NIH-AARP participants.

	Movement	Abstinence	Weight control	Other
Never smoked	0.41	0.57	-0.10	0.24
Healthy BMI	0.46	-0.11	0.53	-0.26
High F&V consumption	0.46	-0.01	0.55	-0.24
High physical activity	0.56	-0.30	0.24	-0.30
Low alcohol consumption	0.19	0.70	0.09	0.17
7+ hrs sleep/night	0.19	-0.39	-0.33	0.57
Low TV watching	0.52	-0.01	-0.31	0.03
All recent screenings	0.24	-0.26	0.44	0.60

Note. Bolded factor loadings indicate the factor on which each behavior loaded most strongly (i.e., the factor to which the behavior belongs). BMI=body mass index; F&V=fruit and vegetable; hrs=hours; TV=television.

Supplementary Table S2. Poisson regressions examining the association between neighborhood poverty or education quintile and scores on revised health behavior factors, controlling for demographic characteristics, among NIH-AARP participants.

	ACS behaviors		Eight-point index	
	RR	95% CI	RR	95% CI
Poverty quintiles				
1 (least deprived)		(ref)		(ref)
2	1.00	(0.99-1.01)	0.99	(0.99-1.00)
3	0.99	(0.99-1.00)	0.98	(0.97-0.98)
4	0.99	(0.98-1.00)	0.97	(0.96-0.97)
5 (most deprived)	0.98	(0.97-0.98)	0.95	(0.95-0.96)
Education quintiles				
1 (least deprived)		(ref)		(ref)
2	0.98	(0.97-0.99)	0.97	(0.96-0.97)
3	0.97	(0.96-0.97)	0.95	(0.94-0.95)
4	0.96	(0.95-0.96)	0.93	(0.92-0.94)
5 (most deprived)	0.95	(0.94-0.96)	0.92	(0.92-0.93)

Note. Each column in each panel represents one multivariable model controlling for participant sex, age group, race/ethnicity, marital status, educational attainment, and self-reported health status. ACS=American Cancer Society; RR=relative risk; CI=confidence interval; ref=reference category.

Supplementary Table S3. Poisson regressions examining the association between neighborhood poverty and education quintile and scores on health behavior factors, controlling for demographic characteristics, among NIH-AARP participants.

	Movement		Abstinence		Weight control		Other		ACS behaviors	
	RR	95% CI	RR	95% CI	RR	95% CI	RR	95% CI	RR	95% CI
<i>Neighborhood-level characteristics</i>										
Poverty quintiles										
1 (least deprived)		(ref)		(ref)		(ref)		(ref)		(ref)
2	1.01	(1.00-1.02)	0.99	(0.98-1.00)	1.00	(0.99-1.01)	1.00	(0.99-1.01)	1.01	(1.00-1.01)
3	1.01	(0.99-1.02)	0.98	(0.97-0.99)	0.99	(0.98-1.01)	1.00	(0.99-1.01)	1.01	(1.00-1.01)
4	1.01	(1.00-1.02)	0.97	(0.96-0.98)	1.00	(0.99-1.01)	1.00	(0.99-1.01)	1.01	(1.00-1.02)
5 (most deprived)	1.01	(1.00-1.02)	0.97	(0.96-0.98)	0.99	(0.97-1.00)	0.99	(0.98-1.00)	1.00	(0.99-1.01)
Education quintiles										
1 (least deprived)		(ref)		(ref)		(ref)		(ref)		(ref)
2	0.94	(0.92-0.95)	1.00	(0.99-1.01)	0.96	(0.94-0.97)	0.97	(0.96-0.98)	0.98	(0.97-0.98)
3	0.90	(0.89-0.91)	1.00	(0.99-1.01)	0.93	(0.92-0.94)	0.95	(0.94-0.95)	0.97	(0.96-0.97)
4	0.88	(0.87-0.89)	1.00	(0.99-1.01)	0.91	(0.90-0.92)	0.92	(0.91-0.93)	0.96	(0.95-0.96)
5 (most deprived)	0.87	(0.86-0.89)	1.01	(1.00-1.03)	0.90	(0.88-0.91)	0.90	(0.89-0.91)	0.95	(0.94-0.96)
<i>Individual-level characteristics</i>										
Sex										
Male		(ref)		(ref)		(ref)		(ref)		(ref)
Female	0.94	(0.94-0.95)	1.25	(1.25-1.26)	1.21	(1.20-1.22)	0.94	(0.94-0.95)	1.10	(1.10-1.11)
Age group										
<65 years		(ref)		(ref)		(ref)		(ref)		(ref)
65+ years	0.99	(0.98-1.00)	1.00	(0.99-1.01)	1.09	(1.08-1.10)	1.08	(1.08-1.09)	1.07	(1.06-1.07)
Race/ethnicity										
Non-Hispanic white		(ref)		(ref)		(ref)		(ref)		(ref)
Other	0.96	(0.95-0.98)	1.06	(1.05-1.08)	0.99	(0.98-1.01)	0.88	(0.87-0.89)	1.02	(1.01-1.03)
Marital status										
Married/living as married		(ref)		(ref)		(ref)		(ref)		(ref)
Other	0.94	(0.93-0.95)	0.95	(0.94-0.95)	0.97	(0.96-0.98)	0.91	(0.90-0.91)	0.96	(0.95-0.97)
Education										
High school degree or less		(ref)		(ref)		(ref)		(ref)		(ref)

More than high school	1.25	(1.24-1.26)	1.03	(1.02-1.03)	1.10	(1.09-1.11)	1.10	(1.09-1.11)	1.05	(1.05-1.06)
Self-reported health status										
Less than very good		(ref)		(ref)		(ref)		(ref)		(ref)
Excellent or very good	1.40	(1.39-1.41)	1.04	(1.03-1.04)	1.24	(1.23-1.25)	1.04	(1.03-1.04)	1.16	(1.15-1.17)

Note. Each column represents one multivariable model. RR=relative risk; ref=reference category. * $p<.05$; ** $p<.01$; *** $p<.001$.