SUPPLEMENTAL MATERIAL

Table S1. Data Source and year of the variables.

Variables	Data Source	Original Data Source if from County Health Rankings	Original Data year
Demographic Characteristics			
Hispanic density	Census/ACS		2008
Total population size, 100k	Census/ACS		2008
Hispanic population size, 100k	Census/ACS		2008
NHW population size, 100k	Census/ACS		2008
Hispanic deaths	Census/ACS		2008
NHW deaths	Census/ACS		2008
Proportion 18 and younger	2012 CHR	Census	2009
Proportion 65 and older	2012 CHR	Census	2009
Proportion female	2012 CHR	Census	2009
Social Economic Status			
Median household income; 10k	Census/ACS		2008
Proportion below poverty line	Census/ACS		2008
High school graduation rate (AFGR)	2012 CHR	State sources and the National Center for Education Statistics	varies between 2008-2010
Some college graduation rate (PSED)	2012 CHR	ACS 5-Year Estimates	2006-2010
Proportion unemployment	2011 CHR	Local Area Unemployment Statistics, Bureau of Labor Statistics	2009
Proportion Black	2012 CHR	Census	2009
Proportion not proficient in English	2012 CHR	ACS 5-Year Estimates	2009
Proportion rural	2012 CHR	Census	2009
Health Care Factors			
Proportion uninsured	2011 CHR	Census/American Community Survey (ACS)—Small Area Health Insurance Estimates (SAHIE)	2007
Primary care physicians per 100,000 population	2011 CHR	Medicare claims/Dartmouth Atlas	2008

Table S2. Multivariate Linear Regression Models for Hispanic and Non-Hispanic White CVD Mortality by the Hispanic Isolation Index.

Adjustment Variables	Hispanic AMR				Non-Hispanic White AMR			
	N	Change in AMR	p-value	R^2	N	Change in AMR	p-value	R^2
Base Model	715	24.80	<.0001	0.18	715	2.51	0.2106	0.01
Base Model + SES*	706	13.61	<.0001	0.35	706	-6.68	0.0102	0.30
Base Model + Health Care Factors	715	19.34	<.0001	0.23	715	-4.19	0.0730	0.10
Fully Adjusted Model*	706	14.47	<.0001	0.36	706	-6.77	0.0095	0.31

AMR= Age-adjusted Mortality Rates

Base Model includes Hispanic isolation index, Population Size and Proportion Female

SES: Median household income, % Under poverty line, % High school graduation, % Some college graduation, % Unemployed, %Black, % Not proficient in English and % Rural

Health Care Factors: % Uninsured, Primary Care Physician Rate

Fully Adjusted Model: Base model + SES + Health Care Factors

*9 counties are missing High School Graduation Rate and are therefore not included in the SES adjusted models. These counties include: Orleans, Marin, Richmond, Kings, New York, Queens, Bronx, Jeff Davis, and Yuma.