

Table S1. Unadjusted Acculturation Measures with Echocardiographic Measures of Cardiac Structure and Function.

	LVMI (g/m ²)		RWT		LAVI (mL/m ²)		LVEF (%)		e' (cm/s)		E/e'	
Categorical Measures												
	Mean	p	Mean	p	Mean	p	Mean	p	Mean	p	Mean	p
Nativity												
Foreign Born	82.74	0.92	0.40	0.07	22.93	0.10	59.83	0.54	7.98	<0.001	10.1	<0.001
US Born	82.54		0.38		24.10		59.50		8.99		8.8	
Years in US												
<5 years	79.80	0.16	0.41	0.03	21.70	0.03	59.94	0.09	7.71	0.11	10.2	0.25
5-10 years	80.43		0.39		22.40		60.04		8.18		9.7	
11-20 years	83.60		0.41		22.82		58.94		8.27		9.8	
>20 years	83.96		0.39		23.50		60.14		7.86		10.2	
Generation												
First	82.69	0.88	0.40	0.08	22.89	0.02	59.84	0.45	7.97	<0.001	10.1	<0.001
Second or Greater	82.96		0.38		24.41		59.45		9.01		8.8	
Language												
English	81.51	0.59	0.38	0.08	24.00	0.06	60.13	0.48	8.52	0.15	9.7	0.64
Spanish	82.92		0.40		22.87		59.75		7.99		10.0	
Continuous Measures												
	β (se)	p	β (se)	p	β (se)	p	β (se)	p	β (se)	p	β (se)	p
Age at Immigration	-0.0003 (0.0632)	0.99	0.0006 (0.0003)	0.02	-0.030 (0.014)	0.03	-0.003 (0.012)	0.79	-0.023 (0.007)	0.001	0.012 (0.010)	0.23
SASH Subscales												
Language	0.087 (0.735)	0.91	-0.005 (0.003)	0.10	0.539 (0.237)	0.02	0.166 (0.180)	0.36	0.255 (0.098)	0.009	-0.205 (0.109)	0.06
Social Relations	0.086 (1.392)	0.95	-0.009 (0.006)	0.15	0.732 (0.373)	0.05	0.539 (0.295)	0.07	0.266 (0.155)	0.09	-0.156 (0.217)	0.47

LVMI = Left ventricular mass index; RWT = Relative wall thickness; LAVI = Left atrial volume index

LVEF = Left ventricular ejection fraction; e' = Mitral annular early diastolic velocity

E/e' = Ratio between early mitral inflow velocity and mitral annular early diastolic velocity

Table S2. Income Stratified Adjusted Analyses of Acculturation Measures with Cardiac Structure and Function.[‡]

	LVMI (g/m ²)				LAVI (mL/m ²)				e' (cm/s)				E/e'				Diastolic Dysfunction	
	<\$20,000		>\$20,000		<\$20,000		>\$20,000		<\$20,000		>\$20,000		<\$20,000		>\$20,000		<\$20,000	>\$20,000
	Mean	p	Mean	p	Mean	p	Mean	p	Mean	p	Mean	p	Mean	p	Mean	p	ORs (95% CI)	ORs (95% CI)
Nativity																		
Foreign	—	—	—	—	—	—	—	—	7.90	0.0006	8.24	0.048	—	—	—	—	1.67 (0.89-	1.24 (0.70-
US born									8.83		8.99						3.14)	2.19)
Years in the US																		
<5	80.02		73.35						7.70		9.03		10.20		9.17			
5-10	81.32	0.15	79.38	0.002	—	—	—	—	7.72	0.27	8.87	0.001	10.36	0.62	8.63	0.003	—	—
11-20	82.22		86.12						8.23		8.56		9.912		9.49			
>20	85.73		82.23						7.87		7.89		10.28		10.16			
Generation																		
1	—	—	—	—	23.04	0.45	22.85	0.02	—	—	—	—	—	—	—	—	1.82 (0.99-	1.50 (0.83-
2					23.91		24.67										3.34)	2.69)
Language Preference																		
English	—	—	—	—	—	—	—	—	—	—	—	—	9.42	0.01	10.00	0.63	—	—
Spanish													10.21		9.55			
	β	p	β	p	β	p	β	p	β	p	β	p	β	p	β	p	—	—
SASH Language	—	—	—	—	0.2686	0.32	0.7213	0.04	—	—	—	—	-0.3026	0.003	0.1065	0.60	—	—
SASH Social	—	—	—	—	—	—	—	—	—	—	—	—	-0.5410	0.008	0.4641	0.27	—	—

[‡]Only statistically significant interactions were analyzed in adjusted models; excludes cases where income is missing.

Multivariable models were adjusted for Age, Sex, Diabetes, Hypertension, Obesity, Physical Activity, Tobacco, and Alcohol Use.

LVMI = Left ventricular mass index; LAVI = Left atrial volume index

e' = Mitral annular early diastolic velocity; E/e' = Ratio between early mitral inflow velocity and mitral annular early diastolic velocity