

**Longitudinal Associations of US Acculturation With Cognitive Performance,
Cognitive Impairment, and Dementia: The Sacramento Area Latino Study on Aging**

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Web Table 1. Unweighted (*n* = 1,430) and IPCW-weighted (*n* = 1,418) Sociodemographic and Health Characteristics^a of Participants, Overall and by Censoring Status: Sacramento Area Latino Study on Aging, Sacramento, California, 1998–2008

	<i>Median (Interquartile Range) or No. (%)</i> Unweighted				<i>Median (Interquartile Range) or %</i> IPCW-weighted			
	Overall	Final Status			Overall	Final Status		
		Not LTFU 589 (41.2)	LTFU 554 (38.7)	Died 287 (20.1)		Not LTFU 40.6	LTFU 40.2	Died 19.1
Sociodemographic factors								
Age	69.2 (64.8, 74.4)	68.8 (64.6, 73.3)	68.1 (64.1, 72.8)	73.2 (68.1, 78.7)	68.1 (64.1, 73.1)	67.0 (63.8, 71.6)	67.0 (63.6, 71.7)	72.8 (67.5, 78.0)
Female (vs. male)	831 (58.1)	350 (59.4)	339 (61.2)	142 (49.5)	60.1	62.9	62.1	49.7
US nativity (vs. non-US ^b)	724 (50.6)	316 (53.7)	253 (45.7)	155 (54.0)	49.7	51.7	45.4	54.6
Migration age ^c	29.0 (20.0, 43.6)	26.7 (19.0, 36.5)	32.3 (20.0, 48.0)	30.5 (21.7, 44.7)	30.0 (20.0, 47.1)	29.0 (19.0, 40.8)	33.0 (20.4, 48.6)	29.9 (21.5, 44.7)
Marriage/domestic partnership (vs. none)	858 (60.0)	381 (64.7)	326 (58.8)	135 (47.2)	60.8	34.4	59.2	53.8
<i>Missing</i>	1	0	0	1				
High education (vs. low) ^d	461 (32.2)	237 (40.2)	155 (28.0)	69 (24.0)	28.0	32.8	25.5	22.9
Number of years	7.0 (3.0, 12.0)	4.0 (9.0, 12.0)	6.0 (2.0, 12.0)	6.0 (2.0, 11.0)	6.0 (3.0, 12.0)	8.0 (3.0, 12.0)	6.0 (2.0, 12.0)	6.0 (2.0, 11.0)
Major lifetime occupation								
Non-manual	322 (22.8)	162 (27.9)	113 (20.6)	47 (16.6)	20.9	24.7	19.3	16.4
Manual	846 (59.8)	319 (54.9)	340 (61.9)	187 (65.9)	60.5	55.5	62.5	66.6
Other ^e	246 (17.4)	100 (17.2)	96 (17.5)	50 (17.6)	18.7	19.9	18.2	17.1
<i>Missing</i>	16	8	5	3				
Gross household income/ month								
<\$1000	587 (41.6)	192 (33.1)	254 (46.6)	139 (48.8)	24.7	37.6	48.2	48.9
\$1000-\$1999	458 (32.5)	195 (33.6)	165 (30.3)	98 (34.4)	31.3	31.8	29.3	34.6
≥\$2000	366 (25.9)	194 (33.4)	126 (23.1)	48 (16.8)	44.0	30.7	22.5	16.4
<i>Missing</i>	19	8	9	2				
English survey language (vs. Spanish)	642 (44.9)	300 (50.9)	220 (39.7)	122 (42.5)	45	50.3	40.6	43.3
Measures of health								
Insurance (vs. none)	1308 (91.6)	552 (93.9)	482 (87.2)	274 (95.5)	89.5	91.3	84.9	95.0
<i>Missing</i>	2	1	1	0				
Self-rated health ≥good (vs. <good)	765 (54.0)	352 (60.2)	291 (52.8)	122 (43.3)	52.8	57.4	52.9	42.9
<i>Missing</i>	12	4	3	5				
Body mass index								
>25	243 (17.8)	107 (18.5)	82 (15.9)	54 (19.8)	17.2	18.1	15.3	19.3
25-29	527 (38.5)	221 (38.2)	198 (38.4)	108 (39.6)	38.5	38.3	38.2	39.7
≥30	598 (43.7)	251 (43.4)	236 (45.7)	111 (40.7)	44.3	43.6	46.5	41.0
<i>Missing</i>	62	10	38	14				
Any alcohol consumption (vs. none) ^f	817 (57.1)	364 (61.8)	321 (57.9)	132 (46.0)	56.1	58.9	57.8	46.4

Smoking status									
Never	653 (45.7)	285 (48.4)	259 (46.8)	109 (38.0)	46.2	49.7	47.1	36.9	
Former	617 (43.2)	246 (41.8)	233 (42.1)	138 (48.1)	41.9	39.3	41.4	48.7	
Current	160 (11.2)	58 (9.9)	62 (11.2)	40 (13.9)	11.9	11.1	11.6	14.4	
Overall fatigue in past month (vs. none)									
Baseline	391 (27.5)	143 (24.4)	143 (26.0)	105 (37.2)	28.3	26.1	26.1	37.4	
Missing	10	2	3	5					
Ever during study period	686 (48.1)	276 (46.9)	238 (43.0)	172 (60.6)	47.9	46.8	43.2	60.1	
Missing	4	0	1	3					
Restless sleep in past week (vs. none)									
Baseline	322 (22.7)	108 (18.4)	140 (25.4)	74 (26.2)	21.8	17.0	24.8	25.8	
Missing	10	2	3	5					
Ever during study period	758 (53.2)	330 (56.0)	277 (50.1)	151 (53.2)	53.0	57.2	49.0	52.4	
Missing	4	0	1	3					
High depressive symptoms (vs. low) ^g									
Baseline	337 (23.7)	114 (19.4)	140 (25.4)	83 (29.4)	23.8	20.1	25.1	29.2	
Missing	10	2	3	5					
Ever during study period	790 (55.4)	334 (56.7)	289 (52.3)	167 (58.8)	56.4	59.7	52.2	58.0	
Missing	4	0	1	3					
Diabetes diagnosis (vs. none)									
Baseline	442 (30.9)	163 (27.7)	144 (26.0)	135 (47.0)	31.8	29.4	26.3	48.5	
Ever during study period	650 (45.5)	282 (47.9)	210 (37.9)	158 (55.1)	46.5	49.3	38.7	56.8	
US acculturation ^h									
High total (vs. low)	523 (36.6)	254 (43.1)	169 (30.5)	100 (34.8)	37.0	43.6	30.6	36.1	
High language (vs. low)	692 (48.4)	319 (54.2)	233 (42.1)	140 (48.8)	47.9	52.9	42.1	49.7	
High identity (vs. low)	247 (17.3)	126 (21.4)	72 (13.0)	49 (17.1)	17.2	21.6	12.8	17.1	
Cognitive outcomes									
3MSE (raw score)	89.0 (82.0, 94.0)	91.0 (85.0, 95.0)	89.0 (82.0, 94.0)	86.0 (80.0, 93.0)	89.0 (81.0, 94.0)	89.0 (82.0, 95.0)	89.0 (81.0, 93.0)	86.0 (80.0, 93.0)	
Incident dementia diagnosis (vs. none)	146 (10.2)	62 (10.5)	26 (4.7)	58 (20.2)	10.6	12.8	4.5	18.5	

Abbreviations: CIND, cognitive impairment, no dementia; US, United States; 3MSE, Modified Mini-Mental State Examination.

^aCharacteristics collected at baseline unless otherwise stated.

^bNon-US birth country: Mexico, 88.8%; other, 11.2.

^cMigration age restricted to $n = 721$ non-US born participants.

^dEducation: high, ≥ 12 years/high school/GED; low, < 12 years/high school/GED.

^eIncludes participants categorized as unemployed or housewives.

^fBeer, wine, or liquor.

^g20-item Center for the Epidemiological Studies of Depression Scale score ≥ 16 = high.

^hAcculturation Rating Scale for Mexican Americans-II (ARSMA-II).

Web Table 2. Unweighted Changes in Cognitive Assessment Scores by Total US Acculturation, Overall and by Educational Level^a: Sacramento Area Latino Study on Aging, Sacramento, California, 1998–2008

	<i>β (Standard Error) of Log-Transformed 3MSE Errors</i>			
	High Total US Acculturation (vs. Low)			
	Crude	Model 1 ^b	Model 2 ^c	Model 3 ^d
	Overall (<i>n</i> = 1,430)			
High US acculturation	-0.60 (0.04)*	-0.58 (0.04)*	-0.32 (0.04)*	-0.20 (0.05)*
Age	0.03 (0.00)*	0.10 (0.00)*	0.10 (0.00)*	0.10 (0.00)*
High US acculturation × age	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)
	Low education (<i>n</i> = 969) ^a			
High US acculturation	-0.40 (0.05)*	-0.40 (0.05)*		-0.20 (0.06)*
Age	0.03 (0.00)*	0.09 (0.01)*		0.09 (0.01)*
High US acculturation × age	-0.00 (0.01)	-0.00 (0.01)		-0.01 (0.01)
	High education (<i>n</i> = 461) ^a			
High US acculturation	-0.19 (0.06)*	-0.17 (0.06)*		-0.19 (0.07)*
Age	0.03 (0.01)*	0.12 (0.01)*		0.12 (0.01)*
High US acculturation × age	0.00 (0.01)	0.00 (0.01)		0.00 (0.01)

Abbreviations: US, United States; 3MSE, Modified Mini-Mental State Examination.

**P* ≤ 0.05, 2-sided.

^aEducation: high, ≥12 years/high school/GED; low, <12 years/high school/GED.

^bAdjusted for baseline age, practice effects, sex, marital status.

^cAdjusted for baseline age, practice effects, sex, marital status, and education.

^dAdjusted for baseline age, practice effects, sex, marital status, survey language, and in overall models, education.

Web Table 3. Unweighted Risk of Incident Dementia/CIND by Total US Acculturation, Overall and by Educational Level^a: Sacramento Area Latino Study on Aging, Sacramento, California, 1998–2008

	<i>Hazard Ratio (95% Confidence Interval)</i>					
	High Total US Acculturation (vs. Low)			Education ^a		
	Overall			Low	High	
	<i>n</i> = 1,430			<i>n</i> = 969	<i>n</i> = 461	
Crude	0.65	(0.46, 0.94)*		0.77	(0.49, 1.20)	
Model 1 ^b	0.64	(0.44, 0.91)*		0.76	(0.48, 1.19)	
Model 2 ^c	0.74	(0.50, 1.10)				
Model 3 ^d	0.73	(0.44, 1.26)		0.82	(0.45, 1.50)	
				0.50	(0.20, 1.21)	

Abbreviations: CIND, cognitive impairment, no dementia; US, United States.

* $P \leq 0.05$, 2-sided.

^aEducation: high, ≥ 12 years/high school/GED; low, < 12 years/high school/GED.

^bAdjusted for baseline age, sex, marital status.

^cAdjusted for baseline age, sex, marital status, and education.

^dAdjusted for baseline age, sex, marital status, survey language, and in overall models, education.

Web Table 4. Unweighted Changes in Cognitive Assessment Scores by Language and Identity US Acculturation, Overall and by Educational Level^a: Sacramento Area Latino Study on Aging, Sacramento, California, 1998–2008

	<i>β (Standard Error) of Log-Transformed 3MSE Errors</i>							
	High US Acculturation (vs. Low)							
	Crude	Language			Identity			
	Model 1 ^b	Model 2 ^c	Model 3 ^d	Crude	Model 1 ^b	Model 2 ^c	Model 3 ^d	
Overall (<i>n</i> = 1,430)								
High US acculturation	-0.62 (0.03)*	-0.60 (0.03)*	-0.33 (0.04)*	-0.23 (0.05)*	-0.50 (0.05)*	-0.48 (0.05)*	-0.21 (0.05)*	-0.10 (0.05)*
Age	0.03 (0.00)*	0.09 (0.01)*	0.09 (0.01)*	0.10 (0.01)*	0.04 (0.00)*	0.10 (0.00)*	0.10 (0.00)*	0.10 (0.00)*
High US acculturation × age	0.01 (0.00)	0.01 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.01)	0.00 (0.01)	0.00 (0.01)	0.00 (0.01)
Low education (<i>n</i> = 969) ^a								
High US acculturation	-0.40 (0.04)*	-0.39 (0.04)*		-0.24 (0.07)*	-0.29 (0.07)*	-0.27 (0.07)*		-0.03 (0.08)
Age	0.03 (0.00)*	0.08 (0.01)*		0.08 (0.01)*	0.03 (0.00)*	0.08 (0.01)*		0.08 (0.01)*
High US acculturation × age	0.00 (0.00)	0.00 (0.01)		-0.00 (0.01)	0.00 (0.01)	0.00 (0.01)		0.00 (0.01)
High education (<i>n</i> = 461) ^a								
High US acculturation	-0.13 (0.07)	-0.13 (0.07)		-0.12 (0.10)	-0.17 (0.06)*	-0.16 (0.06)*		-0.15 (0.06)*
Age	0.03 (0.01)*	0.11 (0.01)*		0.11 (0.01)*	0.03 (0.00)*	0.12 (0.01)*		0.12 (0.01)*
High US acculturation × age	0.01 (0.01)	0.01 (0.01)		0.01 (0.01)	0.00 (0.01)	0.00 (0.01)		-0.00 (0.01)

Abbreviations: US, United States; 3MSE, Modified Mini-Mental State Examination.

**P* ≤ 0.05, 2-sided.

^aEducation: high, ≥12 years/high school/GED; low, <12 years/high school/GED.

^bAdjusted for baseline age, practice effects, sex, marital status.

^cAdjusted for baseline age, practice effects, sex, marital status, and education.

^dAdjusted for baseline age, practice effects, sex, marital status, survey language, and in overall models, education.

Web Table 5. Unweighted Risk of Incident Dementia/CIND by Language and Identity US Acculturation, Overall and by Educational Level^a: Sacramento Area Latino Study on Aging, 1998–2008

	<i>Hazard Ratio (95% Confidence Interval)</i>					
	Overall <i>n</i> = 1,430		Education ^a			
			Low <i>n</i> = 969		High <i>n</i> = 461	
	High language US acculturation (vs. low)					
Crude	0.75	(0.54, 1.04)	0.89	(0.61, 1.29)	0.78	(0.29, 2.07)
Model 1 ^b	0.70	(0.50, 0.97)*	0.83	(0.56, 1.22)	0.75	(0.28, 2.01)
Model 2 ^c	0.82	(0.57, 1.18)				
Model 3 ^d	0.86	(0.54, 1.37)	0.93	(0.57, 1.51)	0.48	(0.11, 2.03)
	High identity US acculturation (vs. low)					
Crude	0.51	(0.30, 0.86)*	0.70	(0.37, 1.33)	0.40	(0.16, 1.03)
Model 1 ^b	0.53	(0.31, 0.89)*	0.71	(0.37, 1.37)	0.43	(0.17, 1.12)
Model 2 ^c	0.61	(0.35, 1.05)				
Model 3 ^d	0.62	(0.35, 1.11)	0.78	(0.39, 1.56)	0.39	(0.15, 1.04)

Abbreviations: CIND, cognitive impairment, no dementia; US, United States.

**P* ≤ 0.05, 2-sided.

^aEducation: high, ≥12 years/high school/GED; low, <12 years/high school/GED.

^bAdjusted for baseline age, sex, marital status.

^cAdjusted for baseline age, sex, marital status, and education.

^dAdjusted for baseline age, sex, marital status, survey language, and in overall models, education.

Web Table 6. Unweighted Changes in Changes in Cognitive Assessment Scores by 3-level Language US Acculturation, Overall ($n = 1,430$), Sacramento Area Latino Study on Aging, 1998–2008

		β (Standard Error) of Log-Transformed 3MSE Errors Language US Acculturation (vs. Low)			
		Crude	Model 1 ^a	Model 2 ^b	Model 3 ^c
High US acculturation					
	Bicultural	0.25 (0.08)*	0.24 (0.08)*	0.18 (0.07)*	0.15 (0.08)*
	High	0.65 (0.04)*	0.63 (0.04)*	0.37 (0.04)*	0.29 (0.06)*
Age		0.04 (0.00)*	0.09 (0.01)*	0.09 (0.01)*	0.09 (0.01)*
High US acculturation × age					
	Bicultural	0.01 (0.01)	0.01 (0.01)	0.02 (0.01)	0.01 (0.01)
	High	-0.01 (0.00)	-0.01 (0.00)	-0.00 (0.00)	-0.00 (0.00)

Abbreviations: IPCW, inverse probability censoring weights; US, United States; 3MSE, Modified Mini Mental State Examination.

* $P \leq 0.05$, 2-sided.

^aAdjusted for baseline age, practice effects, sex, marital status.

^bAdjusted for baseline age, practice effects, sex, marital status, and education.

^cAdjusted for baseline age, practice effects, sex, marital status, education, and survey language.

Web Table 7. IPCW-weighted Changes in Cognitive Assessment Scores by Total US Acculturation, Overall and by Educational Level^a: Sacramento Area Latino Study on Aging, Sacramento, California, 1998–2008

	β (Standard Error) of Log-Transformed 3MSE Errors					
	High Total US Acculturation (vs. Low)					
	Crude	Model 1 ^b	Model 2 ^c	Model 3 ^d	Model 4 ^e	Model 5 ^f
Overall (<i>n</i> = 1,418)						
High US acculturation	-0.61 (0.04)*	-0.59 (0.04)*	-0.33 (0.04)*	-0.21 (0.05)*	-0.21 (0.05)*	-0.20 (0.05)*
Age	0.03 (0.00)*	0.09 (0.00)*	0.09 (0.00)*	0.09 (0.00)*	0.09 (0.00)*	0.09 (0.00)*
High US acculturation × age	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Low education (<i>n</i> = 959) ^a						
High US acculturation	-0.41 (0.05)*	-0.41 (0.05)*		-0.21 (0.06)*	-0.22 (0.06)*	-0.21 (0.06)*
Age	0.03 (0.00)*	0.08 (0.01)*		0.08 (0.01)*	0.08 (0.01)*	0.08 (0.01)*
High US acculturation × age	-0.00 (0.01)	-0.00 (0.01)		-0.00 (0.01)	-0.00 (0.01)	-0.00 (0.01)
High education (<i>n</i> = 459) ^a						
High US acculturation	-0.19 (0.06)*	-0.16 (0.06)*		-0.20 (0.07)*	-0.20 (0.08)*	-0.18 (0.08)*
Age	0.04 (0.01)*	0.12 (0.01)*		0.12 (0.01)*	0.12 (0.01)*	0.12 (0.01)*
High US acculturation × age	-0.00 (0.01)	0.00 (0.01)		-0.00 (0.01)	-0.00 (0.01)	-0.00 (0.01)

Abbreviations: IPCW, inverse probability censoring weights; US, United States; 3MSE, Modified Mini-Mental State Examination.

* $P \leq 0.05$, 2-sided.

^aEducation: high, ≥ 12 years/high school/GED; low, < 12 years/high school/GED.

^bAdjusted for baseline age, practice effects, sex, marital status.

^cAdjusted for baseline age, practice effects, sex, marital status, and education.

^dAdjusted for baseline age, practice effects, sex, marital status, survey language, and in overall models, education.

^eAdjusted for baseline age, practice effects, sex, marital status, survey language, nativity, migration age to the US, and in overall models, education.

^fAdjusted for baseline age, practice effects, sex, marital status, survey language, nativity, migration age to the US, insurance status, and in overall models, education.

Web Table 8. IPCW-weighted Risk of Incident Dementia/CIND by Total US Acculturation Status, Overall and by Educational Level^a: Sacramento Area Latino Study on Aging, Sacramento, California, 1998–2008

	<i>Hazard Ratio (95% Confidence Interval)</i>					
	High Total US Acculturation (vs. Low)			Education ^a		
	Overall		Low		High	
	<i>n</i> = 1,418		<i>n</i> = 959		<i>n</i> = 459	
Crude	0.64	(0.45, 0.91)*	0.75	(0.49, 1.15)	0.73	(0.30, 1.79)
Model 1 ^b	0.62	(0.44, 0.89)*	0.74	(0.49, 1.14)	0.73	(0.30, 1.80)
Model 2 ^c	0.75	(0.51, 1.10)				
Model 3 ^d	0.81	(0.49, 1.35)	0.91	(0.51, 1.63)	0.48	(0.18, 1.30)
Model 4 ^e	0.82	(0.48, 1.39)	0.95	(0.52, 1.73)	0.43	(0.14, 1.31)
Model 5 ^f	0.82	(0.48, 1.40)	0.95	(0.52, 1.74)	0.47	(0.14, 1.57)

Abbreviations: CIND, cognitive impairment, no dementia; IPCW, inverse probability censoring weights; US, United States.

* $P \leq 0.05$, 2-sided.

^aEducation: high, ≥ 12 years/high school/GED; low, < 12 years/high school/GED.

^bAdjusted for baseline age, sex, marital status.

^cAdjusted for baseline age, sex, marital status, and education.

^dAdjusted for baseline age, sex, marital status, survey language, and in overall models, education.

^eAdjusted for baseline age, sex, marital status, survey language, nativity, migration age to the US, and in overall models, education.

^fAdjusted for baseline age, sex, marital status, survey language, nativity, migration age to the US, insurance status, and in overall models, education.

Web Table 9. IPCW-weighted Changes in Cognitive Assessment Scores by Total US Acculturation without Bicultural Participants, Overall and by Educational Level^a: Sacramento Area Latino Study on Aging, Sacramento, California, 1998–2008

	β (Standard Error) of Log-Transformed 3MSE Errors					
	Crude	Model 1 ^b	Model 2 ^c	Model 3 ^d	Model 4 ^e	Model 5 ^f
High Total US Acculturation (vs. Low)						
Overall ($n = 1,409$)						
High US acculturation	-0.60 (0.04)*	-0.58 (0.04)*	-0.32 (0.04)*	-0.20 (0.05)*	-0.19 (0.05)*	-0.19 (0.05)*
Age	0.03 (0.00)*	0.09 (0.00)*	0.09 (0.00)*	0.09 (0.00)*	0.09 (0.00)*	0.09 (0.00)*
High US acculturation \times age	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Low education ($n = 955$) ^a						
High US acculturation	-0.40 (0.05)*	-0.40 (0.05)*		-0.19 (0.07)*	-0.20 (0.07)*	-0.20 (0.07)*
Age	0.03 (0.00)*	0.08 (0.01)*		0.08 (0.01)*	0.08 (0.01)*	0.08 (0.01)*
High US acculturation \times age	-0.00 (0.01)	-0.00 (0.01)		-0.00 (0.01)	-0.00 (0.01)	-0.00 (0.01)
High education ($n = 454$) ^a						
High US acculturation	-0.18 (0.06)*	-0.16 (0.06)*		-0.19 (0.07)*	-0.19 (0.08)*	-0.17 (0.08)*
Age	0.04 (0.01)*	0.12 (0.01)*		0.12 (0.01)*	0.12 (0.01)*	0.12 (0.01)*
High US acculturation \times age	0.00 (0.01)	0.00 (0.01)		-0.00 (0.01)	-0.00 (0.01)	-0.00 (0.01)

Abbreviations: IPCW, inverse probability censoring weights; US, United States; 3MSE, Modified Mini-Mental State Examination.

* $P \leq 0.05$, 2-sided.

^aEducation: high, ≥ 12 years/high school/GED; low, < 12 years/high school/GED.

^bAdjusted for baseline age, practice effects, sex, marital status.

^cAdjusted for baseline age, practice effects, sex, marital status, and education.

^dAdjusted for baseline age, practice effects, sex, marital status, survey language, and in overall models, education.

^eAdjusted for baseline age, practice effects, sex, marital status, survey language, nativity, migration age to the US, and in overall models, education.

^fAdjusted for baseline age, practice effects, sex, marital status, survey language, nativity, migration age to the US, insurance status, and in overall models, education.

Web Table 10. IPCW-weighted Risk of Incident Dementia/CIND by Total US Acculturation Status without Bicultural Participants, Overall and by Educational Level^a: Sacramento Area Latino Study on Aging, Sacramento, California, 1998–2008

	<i>Hazard Ratio (95% Confidence Interval)</i>					
	High Total US Acculturation (vs. Low)			Education ^a		
	Overall	Low		High		
	<i>n</i> = 1,409	<i>n</i> = 955		<i>n</i> = 454		
Crude	0.65	(0.45, 0.92)*	0.76	(0.50, 1.16)	0.74	(0.30, 1.82)
Model 1 ^b	0.63	(0.44, 0.91)*	0.76	(0.49, 1.16)	0.74	(0.30, 1.83)
Model 2 ^c	0.76	(0.52, 1.12)				
Model 3 ^d	0.83	(0.50, 1.38)	0.92	(0.52, 1.65)	0.49	(0.18, 1.35)
Model 4 ^e	0.84	(0.49, 1.43)	0.96	(0.53, 1.76)	0.44	(0.14, 1.35)
Model 5 ^f	0.84	(0.49, 1.43)	0.96	(0.53, 1.77)	0.48	(0.14, 1.62)

Abbreviations: CIND, cognitive impairment, no dementia; IPCW, inverse probability censoring weights; US, United States.

* $P \leq 0.05$, 2-sided.

^aEducation: high, ≥ 12 years/high school/GED; low, < 12 years/high school/GED.

^bAdjusted for baseline age, sex, marital status.

^cAdjusted for baseline age, sex, marital status, and education.

^dAdjusted for baseline age, sex, marital status, survey language, and in overall models, education.

^eAdjusted for baseline age, sex, marital status, survey language, nativity, migration age to the US, and in overall models, education.

^fAdjusted for baseline age, sex, marital status, survey language, nativity, migration age to the US, insurance status, and in overall models, education.