Supplemental Table 1: *Structure Coefficients of General Cognitive Ability (g) for Husbands and Wives.*

	Husbands		Wives	
	Factor Loading	*SE*	Factor Loading	*SE*
Verbal Learning	0.74	0.01	0.70	0.01
Verbal Recall	0.66	0.01	0.61	0.01
Visual Scanning	0.71	0.01	0.76	0.01
Visuospatial Ability	0.41	0.02	0.48	0.02
Visual Memory	0.47	0.02	0.52	0.02
Verbal Fluency	0.62	0.01	0.65	0.01
Orientation	0.44	0.02	0.45	0.02

Note. Factor loadings are standardized estimates and represent the correlation between *g* and each factor indicator for husbands and wives. Model estimated correlation between husbands' and wives' factor scores is 0.67 (*SE* = 0.01). Husbands and wives factor scores were estimated under this factor structure. Source: authors' own calculation using data from the 2012 Mexican Health and Aging Study (MHAS).

Supplemental Table 2. *Items used to measure perceived social support from one's spouse and depressive symptoms.*

Social support items:

About your spouse: (Response choices: a lot, a little, not at all)

i.   How much does your spouse understand your feelings about things?
ii.   How much can you confide in him/her if you have a serious problem?
iii.   How much does your spouse listen if you need to talk about your worries?
iv.   How often does he/she disappoint you when you are counting on him/her? (reverse coded)

Depression items:

Within the last week, have you for the majority of the time: (Response choices: yes, no)

i.   Felt depressed?
ii.   Felt that everything you did was an effort?
iii.   Felt your sleep was restless?
iv.   Felt happy? (reverse coded)
v.   Felt lonely?
vi.   Felt that you enjoyed life? (reverse coded)
vii.   Felt sad?
viii. Felt tired?
ix.   Felt you had a lot of energy? (reverse coded)

Supplemental Table 3: *Missing Data Summary*

	Husbands		Wives	
	N	% Missing	N	% Missing
Cognitive Tasks Used to Construct General Cognitive Ability (*g*)				
Verbal Learning	3,649	9.2%	3,834	4.6%
Verbal Recall	3,640	9.4%	3,816	5.0%
Visual Scanning	3,443	14.3%	3,620	9.9%
Verbal Fluency	3,652	9.1%	3,824	4.8%
Orientation	3,670	8.6%	3,843	4.3%
Visuospatial	3,459	13.9%	3,611	10.1%
Visuospatial Recall	3,407	15.2%	3,580	10.9%
Variables Used in Seemingly Unrelated Regressions				
Dependent Variables				
General Cognitive Ability (*g*)	4,017	0.0%	4,017	0.0%
Independent Variables				
Age	4,011	0.1%	4,012	0.1%
Locality Size	3,987	0.7%	3,987	0.7%
Employment History	4,016	0.0%	4,014	0.1%
Education	4,001	0.4%	4,001	0.4%
Income Decile	3,949	1.7%	3,949	1.7%
Couple-Level Wealth Decile	4,017	0.0%	4,017	0.0%
Chronic Condition Count	3,999	0.4%	4,005	0.3%
ADL	3,792	5.6%	3,920	2.4%
IADL	3,740	6.9%	3,893	3.1%
Binge Drinking	3,998	0.5%	4,017	0.0%
Smoking	4,013	0.1%	4,017	0.0%

Exercise	3,741	6.9%	3,891	3.1%
Depressive Symptoms	3,706	7.7%	3,872	3.6%
Social Support from Spouse	3,698	7.9%	3,856	4.0%

Note. Source: authors' own calculation using data from the 2012 Mexican Health and Aging Study (MHAS) including 4,017 husband-wife dyads.

Supplemental Table 4: *Associations between Spousal Education, Own Education, and Proposed Mechanisms among Older Mexican Adults*

	Household Wealth Decile (OLS)		Spousal Income Decile (OLS)		Chronic Condition Count (OLS)		Acitivity of Daily Living Limitation (Logit)		Instrumental ADL (Logit)		Binge Drinking (Logit)		Smoking Behavior (Multinomial Logit, Reference: Never Smoker) Former Smoker		Current Smoker		Exercise (Logit)		Spousal Support (OLS)		Depressive Symptoms (OLS)	
PANEL I: Husbands	Model 1		Model 2		Model 3		Model 4		Model 5		Model 6		Model 7		Model 8		Model 9		Model 10		Model 11	
Partner Education (Ref: No Education)	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE
Incomplete Elementary	0.37**	(0.13)	0.07	(0.13)	0.09	(0.05)	-0.03	(0.13)	-0.21	(0.17)	0.24	(0.16)	0.31**	(0.11)	0.38*	(0.15)	-0.20	(0.10)	-0.02	(0.08)	-0.12	(0.12)
Complete Elementary	0.42**	(0.15)	0.03	(0.15)	-0.01	(0.05)	-0.17	(0.16)	-0.47*	(0.20)	0.53**	(0.17)	0.20	(0.12)	0.54***	(0.16)	-0.04	(0.12)	-0.03	(0.09)	-0.22	(0.13)
Beyond Elementary	1.20***	(0.16)	1.20***	(0.16)	0.01	(0.06)	-0.21	(0.18)	-0.68**	(0.25)	0.44*	(0.18)	0.22	(0.14)	0.56**	(0.18)	-0.19	(0.13)	0.09	(0.09)	-0.52***	(0.14)
Own Education (Ref: No Education)																						
Incomplete Elementary	0.46***	(0.14)	0.04	(0.14)	-0.06	(0.05)	-0.30*	(0.13)	-0.17	(0.17)	0.11	(0.16)	-0.31**	(0.12)	-0.26	(0.15)	0.10	(0.11)	0.10	(0.08)	-0.38**	(0.12)
Complete Elementary	0.68***	(0.15)	-0.56***	(0.15)	0.00	(0.05)	-0.58***	(0.16)	-0.31	(0.20)	0.03	(0.17)	-0.23	(0.13)	-0.20	(0.17)	0.15	(0.12)	0.26**	(0.09)	-0.57***	(0.14)
Beyond Elementary	1.24***	(0.16)	-0.09	(0.16)	-0.08	(0.06)	-0.98***	(0.18)	-0.93***	(0.25)	0.19	(0.18)	-0.41**	(0.14)	-0.48**	(0.18)	0.11	(0.13)	0.28***	(0.09)	-1.03***	(0.14)
n	3,986		3,918		3,968		3,763		3,711		3,967		3,982				3,712		3,670		3,678	
PANEL II: Wives	Model 12		Model 13		Model 14		Model 15		Model 16		Model 17		Model 18		Model 19		Model 20		Model 21		Model 22	
Partner Education (Ref: No Education)	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE
Incomplete Elementary	0.46***	(0.14)	0.17	(0.14)	-0.04	(0.05)	-0.12	(0.13)	0.29	(0.16)	0.59	(0.48)	0.49*	(0.20)	0.11	(0.29)	-0.09	(0.12)	0.17	(0.11)	-0.30*	(0.14)
Complete Elementary	0.68***	(0.15)	0.30	(0.16)	-0.05	(0.05)	-0.34*	(0.15)	-0.04	(0.19)	0.18	(0.53)	0.32	(0.23)	0.34	(0.30)	0.07	(0.13)	0.38**	(0.12)	-0.39**	(0.15)
Beyond Elementary	1.24***	(0.16)	1.30***	(0.17)	-0.22***	(0.06)	-0.54***	(0.16)	-0.12	(0.21)	0.81	(0.51)	0.66**	(0.23)	0.88**	(0.30)	0.08	(0.13)	0.66***	(0.13)	-0.83***	(0.16)
Own Education (Ref: No Education)																						
Incomplete Elementary	0.37**	(0.13)	0.47***	(0.14)	-0.02	(0.05)	-0.05	(0.12)	-0.40**	(0.14)	-0.33	(0.44)	-0.21	(0.19)	-0.09	(0.28)	0.04	(0.11)	0.05	(0.11)	-0.13	(0.13)
Complete Elementary	0.42**	(0.15)	0.58***	(0.16)	-0.10	(0.05)	-0.28	(0.14)	-0.66***	(0.17)	0.41	(0.44)	-0.03	(0.20)	0.63*	(0.28)	0.19	(0.12)	-0.13	(0.12)	-0.25	(0.15)
Beyond Elementary	1.20***	(0.16)	0.95***	(0.17)	-0.24***	(0.06)	-0.55***	(0.17)	-1.32***	(0.22)	0.62	(0.45)	0.72***	(0.20)	0.73*	(0.29)	0.46***	(0.13)	0.05	(0.13)	-0.94***	(0.16)
n	3,986		3,918		3,974		3,889		3,863		3,986		3,986				3,861		3,826		3,842	

Note. Source: authors' own calculation using data from the 2012 Mexican Health and Aging Study (MHAS). β = unstandardized parameter estimate. SE = standard error.* indicates p<0.05, ** indicates p<0.01, *** indicates p<0.001.

Supplemental Table 5: *Main and Interaction Effects of Own and Spousal Education among Older Mexican Adults (n=4,017 Husband-Wife Dyads)*

	Husband's Cognition		Wife's Cognition	
	β	*SE*	*β*	*SE*
Own Education (Ref: No Education)				
Incomplete Elementary	0.18**	0.06	0.35***	0.06
Complete Elementary	0.25**	0.08	0.65***	0.09
Beyond Elementary	0.46***	0.12	0.87***	0.16
Spousal Education (Ref: No Education)				
Incomplete Elementary	0.11	0.06	0.10	0.06
Complete Elementary	0.26**	0.08	0.01	0.09
Beyond Elementary	0.15	0.17	0.18	0.16
*Interaction (Spousal Education * Own Education)*				
Incomplete Elementary * Incomplete Elementary	0.05	0.08	0.05	0.08
Incomplete Elementary * Complete Elementary	0.27**	0.10	-0.07	0.11
Incomplete Elementary * Beyond Elementary	0.34*	0.14	0.03	0.18
Complete Elementary * Incomplete Elementary	0.05	0.10	0.27*	0.11
Complete Elementary * Complete Elementary	0.19	0.11	0.19	0.12
Complete Elementary * Beyond Elementary	0.26	0.14	0.26	0.19
Beyond Elementary * Incomplete Elementary	0.24	0.18	0.22	0.18
Beyond Elementary * Complete Elementary	0.44*	0.18	0.08	0.18
Beyond Elementary * Beyond Elementary	0.59**	0.20	0.24	0.23
Constant	1.24***	0.13	1.24***	0.12

Note. Source: authors' own calculation using data from the 2012 Mexican Health and Aging Study (MHAS). β = unstandardized parameter estimate. SE = standard error.* indicates $p<0.05$, ** indicates $p<0.01$, *** indicates $p<0.001$.

Supplemental Table 6: *Cross Tabulation of Husband's and Wife's Education among Older Mexican Adults (n=3,986 Husband-Wife Dyads)*

Wife's Education	Husband Education			
	No Education	*Incomplete Elementary*	*Complete Elementary*	*Beyond Elementary*
No Education	312	239	76	28
Incomplete Elementary	221	610	260	136
Complete Elementary	62	241	383	261
Beyond Elementary	17	99	177	864

Note. Source: authors' own calculation using data from the 2012 Mexican Health and Aging Study (MHAS).