

Supplemental Table 2: OLS Regressions of Scores across Cognitive Assessments in 2012 as a function of Use of Wood/Coal as Cooking Fuel versus Gas in 2001 and 2003 among Older Mexican Adults (Age 50+ in 2012)

Cognitive Assessments in 2012 as a function of Cooking Fuel in 2001

	Model 1 ₁		Model 2 ₂		Model 3 ₃		Model 4 ₄	
	β	SE	β	SE	β	SE	β	SE
<i>Verbal Learning</i> (n=8,187)								
Cooking Fuel: Wood or Coal	-0.15***	(0.04)	-0.14***	(0.04)	-0.14**	(0.05)	-0.13**	(0.05)
<i>Verbal Recall</i> (n=8,135)								
Cooking Fuel: Wood or Coal	-0.06	(0.08)	-0.05	(0.08)	-0.03	(0.08)	-0.03	(0.08)
<i>Attention</i> (n=7,416)								
Cooking Fuel: Wood or Coal	-3.16***	(0.49)	-2.95***	(0.49)	-2.18***	(0.52)	-2.26***	(0.52)
<i>Verbal Fluency</i> (n=8,167)								
Cooking Fuel: Wood or Coal	-0.83***	(0.17)	-0.81***	(0.17)	-0.65***	(0.18)	-0.65***	(0.18)
<i>Orientation</i> (n=8,232)								
Cooking Fuel: Wood or Coal	-0.16***	(0.03)	-0.14***	(0.03)	-0.06	(0.03)	-0.06	(0.03)

Cognitive Assessments in 2012 as a function of Cooking Fuel in 2003

	Model 1 ₁		Model 2 ₂		Model 3 ₃		Model 4 ₄	
	β	SE	β	SE	β	SE	β	SE
<i>Verbal Learning</i> (n=8,080)								
Cooking Fuel: Wood or Coal	-0.12**	(0.04)	-0.12**	(0.04)	-0.10*	(0.04)	-0.10*	(0.04)
<i>Verbal Recall</i> (n=8,029)								
Cooking Fuel: Wood or Coal	-0.16*	(0.07)	-0.15*	(0.07)	-0.14	(0.08)	-0.14	(0.08)
<i>Attention</i> (n=7,316)								
Cooking Fuel: Wood or Coal	-2.71***	(0.48)	-2.57***	(0.48)	-1.89***	(0.50)	-1.89***	(0.50)
<i>Verbal Fluency</i> (n=8,062)								
Cooking Fuel: Wood or Coal	-0.90***	(0.17)	-0.88***	(0.17)	-0.72***	(0.18)	-0.70***	(0.18)
<i>Orientation</i> (n=8,232)								
Cooking Fuel: Wood or Coal	-0.16***	(0.03)	-0.14***	(0.03)	-0.06	(0.03)	-0.06	(0.03)

Note: Source: authors' own calculation using data from the Mexican Health and Aging Study (MHAS). SE: standard error. Control variables come from 2012. ₁: Model 1 includes: age, sex, years of education, and locality size. ₂: Model 2 adds household wealth quartile. ₃: Model 3 adds floor material, wall material, ceiling material, plumbing type, and insecticide use. ₄: Model 4 adds chronic condition count, smoking behavior, and health insurance coverage. * denotes p<0.05, ** denotes p<0.01, *** denotes p<0.001.