Appendix A.1

TABLE A.1 Cognitive function score and sub-scales by sex and age subgroup

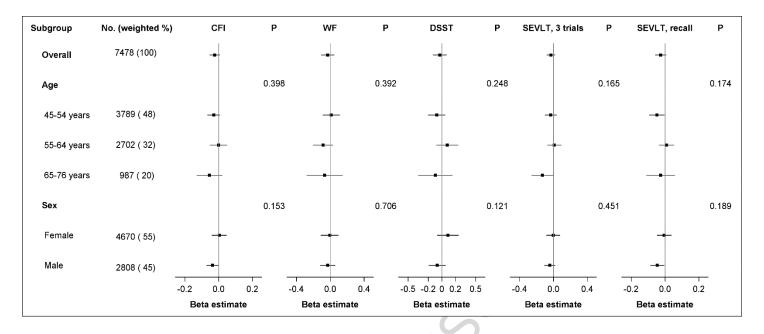|	Women by Age			Men by Age		
	45-54	55-64	≥ 65	45-54	55-64	≥ 65
	Mean cognitive score (95% CI)					
Cognitive function overall score	**1.5** **(1.3, 1.7)**	**0.2** **(-0.1, 0.5)**	**-1.2** **(-1.6, -0.9)**	0.2 (0.0, 0.4)	-0.9 (-1.3, -0.6)	-2.1 (-2.6, -1.7)
Word Fluency	2.6 (2.5, 2.6)	2.5 (2.4, 2.6)	2.3 (2.2, 2.5)	2.5 (2.4, 2.6)	2.4 (2.3, 2.5)	2.4 (2.2, 2.6)
Digit Symbol Substitution Test	**3.0** **(2.9, 3.0)**	2.4 (2.3, 2.5)	1.9 (1.8, 2.0)	2.8 (2.7, 2.9)	2.3 (2.2, 2.4)	1.9 (1.7, 2.0)
SEVLT Sum 3 Trials	**24.9** **(24.6, 25.3)**	**23.4** **(22.9, 23.8)**	**21.4** **(20.8, 22.0)**	22.5 (22.1, 22.9)	20.9 (20.4, 21.4)	19.1 (18.4, 19.8)
SEVLT Free Recall	**9.3** **(9.1, 9.4)**	**8.5** **(8.3, 8.7)**	**7.5** **(7.2, 7.8)**	8.1 (7.9, 8.3)	7.4 (7.1, 7.6)	6.4 (6.1, 6.8)
NOTE: All differences by age are statistically significant (P<0.05) except for Word Fluency in men						
Bold values are significantly higher in women than in men (P<0.05)						

Appendix A.2

FIGURE A.1 Group-specific estimates for the association between MVPA and cognitive measures among

Hispanic/Latino adults

Subgroup	No. (weighted %)	CFI	P	WF	P	DSST	P	SEVLT, 3 trials	P	SEVLT, recall	P
Overall	7478 (100)										
Age			0.398		0.392		0.248		0.165		0.174
45-54 years	3789 (48)										
55-64 years	2702 (32)										
65-76 years	987 (20)										
Sex			0.153		0.706		0.121		0.451		0.189
Female	4670 (55)										
Male	2808 (45)										

Footnote: Betas (95% CI) are plotted by background group and represent the mean change in dependent variable for each 60-minute/day increase in sedentary behavior, derived from separate linear regression models for each interaction tested; P-values test for heterogeneity in the association between sedentary behavior and each outcome across subgroups; final models presented are adjusted for age, sex, years of education, Hispanic/Latino background, field center, employment status, annual household income, and self-reported physical health. Abbreviations: CFI: cognitive function index; WF: word fluency; DSST: Digit Symbol Substitution Test, SEVLT: Spanish English Verbal Learning Test.