

Online supplement

**Table S1: Sample Summary Statistics — Age 50+**

	NL (LISS)	US (UAS)	England (ELSA)
Married	61%	58%	60%
Female	48%	47%	48%
Low	42%	22%	57%
Medium	28%	36%	23%
High	30%	42%	20%
Working	34%	49%	30%
Age(51-64)	52%	64%	38%
Age(65+)	48%	36%	62%
White/Dutch	88%	86%	97%
N	447	275	254

England: High: nvq4/nvq5/degree or equivalent; Medium: higher education below degree or nvq3/GCE A level equivalent; Low: nvq2/GCE O level equivalent or nvq1/CSE other grade equivalent or no qualification. For individuals with foreign qualifications, Low: education not finished or finished continuous full time education at 15 and below; Medium: finished continuous full time education between 16-17; High: finished continuous full time education at 18 and above.

**Table S2: Intensity of PA (50+) (Dependent variable: 7 days mean accelerometer data)**

	NL (LISS)	Interacton with US dummy	Interaction with England dummy
<i>Vigorous (reference is "hardly ever")</i>			
One to three times a month	17.590 (7.715)**	-22.398 (10.818)**	-30.457 (13.020)**
Once a week	12.823 (5.904)**	-20.325 (10.714)*	-29.159 (11.170)***
More than once a week	19.540 (5.471)***	-1.295 (8.991)	-40.480 (8.893)***
<i>Moderate (reference is "hardly ever")</i>			
One to three times a month	10.908 (7.511)	-3.952 (11.696)	-13.129 (10.759)
Once a week	12.595 (7.120)*	4.554 (11.938)	-16.310 (13.080)
More than once a week	22.518 (7.015)***	-10.998 (11.020)	-34.793 (10.953)***
<i>Mild (reference is "hardly ever")</i>			
One to three times a month	2.994 (9.206)	16.503 (16.476)	-16.116 (13.399)
Once a week	-16.022 (7.671)**	39.946 (14.748)***	17.315 (25.360)
More than once a week	-6.977 (6.589)	41.640 (14.239)***	4.939 (13.688)
US		-69.783 (12.257)***	
England			3.491 (7.587)
Constant	166.759 (4.985)***		
N	969		
R-sq	0.270		

Standard errors are in parentheses; \* p&lt;0.10; \*\* p&lt;0.05; \*\*\* p&lt;0.01