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Article Change in Municipality-Level Health-Related Social Capital and Depressive Symptoms: Ecological and 5-Year Repeated Cross-Sectional Study from the JAGES

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	Complete enumeration survey (<i>n</i> = 10)				random sampling ($n = 34$)				
							Mea		p
	Minimum	Maximum	Mean	SD	Minimum	Maximum	n	SD	value
% Change in ^b depressive	-9.7	-5.1	-7.7	1.4	-11.9	-2.7	-7.2	2.2	0.496
symptoms ^a									
% Change in ^b volunteer	2.0	8.0	4.4	1.9	0.5	7.4	4.3	1.7	0.845
group (≥1 per month)									
% Change in ^b sports	2.8	10.1	6.2	2.1	-1.0	10.5	6.5	2.6	0.711
group (≥1 per month)									
% Change in ^b hobby	-1.4	3.3	0.5	1.4	-7.2	5.8	-0.2	3.1	0.445
group (≥1 per month)									
% Change in ^b volunteer	0.5	5.9	2.1	1.6	-0.9	5.7	2.1	1.4	0.909
group (≥1 per week)									
% Change in ^b sports	1.1	5.7	4.3	1.4	-0.8	8.0	4.7	2.1	0.572
group (≥1 per week)									
% Change in ^b hobby	-2.3	3.0	0.2	1.8	-6.9	4.0	-0.5	2.5	0.415
group (≥1 per week)									
% Change in ^b frequency									
of meeting friends (≥1 per	-2.8	2.9	-1.0	1.6	-6.6	3.2	-1.3	2.6	0.779
month)									
% Change in ^b receiving	0.1	2.2	1.2	0.6	-1.6	3.3	1.0	1.2	0.647
emotional social support									
% Change in ^b providing	0.2	3.0	1.3	0.8	-2.1	4.1	1.3	1.6	0.969
emotional social support									
% Change in ^b receiving									
instrumental social	-1.1	1.2	0.4	0.7	-1.4	3.7	0.9	1.1	0.168
support									
% Change in ^b providing									
instrumental social	-3.9	-1.0	-2.3	0.9	-6.2	1.0	-1.6	1.4	0.167
support									

Table S1. Health-related social capital (SC) 5-year change by using sampling methods.

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Change in ^c civic	6.3	17.1	11.1	3.9	-6.3	20.8	10.5	5.8	0.754
participation									
Change in ^c social cohesion	-10.8	-0.7	-6.4	2.9	-13.3	6.3	-2.0	4.8	0.015
Change in ^c reciprocity	0.4	6.1	2.9	1.5	-3.4	10.0	3.2	3.1	0.847

All factors were adjusted for age using

direct methods

SD: Standard deviation

^a Depressive symptoms were defined as the prevalence of Geriatrics Depression

Scale ≥5 points

^b Percentage of 2016

subtracted from 2010

^c Value percentage of 2016 subtracted

from 2010



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