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Corrigendum

Corrigendum to “Associations between Social and Physical Environments, and Physical Activity in Adults from Urban and Rural Regions”[Osong Public Health Res Perspect 2018;9(1):16–24]

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The authors regret to report that in the original paper [1], the OR and 95% CI values of the individual level variables in Table 4 are missing. Furthermore, the OR values and 95% CI values of individual and community level variables are missing or incorrectly presented in Table 5.

The authors would like to apologize for any inconvenience caused.

Reference

- [1] Kim BJ, Hyun HS. Associations between Social and Physical Environments, and Physical Activity in Adults from Urban and Rural Regions. Osong Public Health Res Perspect 2018;9(1):16–24.

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Table 4. Effects of individual and community level factors upon moderate or vigorous physical activity: a multilevel analysis; urban.

		Model 1		Model 2		Model 3	
		OR	95%CI	OR	95%CI	OR	95%CI
Fixed effect							
Individual level							
Gender	Male (ref)						
	Female			0.675	0.653-0.696	0.675	0.653-0.697
Age (y)	19-34 (ref)						
	35-49			1.033	0.988-1.081	1.033	0.988-1.080
	50-64			1.295	1.299-1.364	1.295	1.229-1.364
Marital status	Living with spouse (ref)						
	Divorced, and bereaved			1.086	1.028-1.147	1.086	1.028-1.363
	Single			1.377	1.314-1.443	1.376	1.313-1.442
Education	Uneducated (ref)						
	Elementary school			1.019	0.861-1.205	1.019	0.861-1.206
	Middle school			1.004	0.846-1.190	1.004	0.847-1.191
	High school			0.963	0.813-1.142	0.965	0.814-1.144
	≥College/University			1.042	0.874-1.242	1.044	0.876-1.244
Job	Non-manual (ref)						
	Manual			1.077	1.034-1.121	1.078	1.035-1.122
	Housewife, unemployed			1.022	0.985-1.059	1.022	0.985-1.059
Household income / monthly	<100			1.129	1.041-1.224	1.129	1.040-1.224
	100-200			1.075	0.993-1.164	1.075	0.993-1.164
	201-300			1.171	1.081-1.268	1.170	1.080-1.267
	301-400			1.176	1.088-1.269	1.175	1.088-1.268
	≥401(ref)						
Self-rated health	Poor (ref)						
	Neither good nor			1.098	1.059-1.138	1.097	1.059-1.138
	Very good			1.217	1.169-1.267	1.217	1.169-1.266
No. of Chronic diseases	0 (ref)						
	1			1.040	0.995-1.086	1.040	0.995-1.086
	≥2			0.916	0.865-0.969	0.916	0.865-0.969
BMI	Obesity			0.974	0.939-1.009	0.974	0.939-1.009
Community level							
Satisfaction with safety						1.362	0.256-5.941
Satisfaction with natural environment						0.446	0.159-1.378
Satisfaction with living environment						2.596	0.382-17.314
Satisfaction with public transportation						2.829	1.001-7.223
Satisfaction with health service						0.927	0.357-2.288
Social cohesion						0.660	0.308-1.477
Social networks						0.969	0.876-1.072
Social activity participation						2.534	0.768-14.318
Presence of cycle paths (ref=no)						0.993	0.815-1.148
Number of exercise facilities						1.001	0.996-1.001
Number of sports park						0.978	0.960-0.995
Number of hiking trails						0.994	0.989-0.999
Community level random effect							
Between community variance (SE)		0.1389(0.026)		0.1406(0.027)		0.0938(0.022)	
ICC		0.040		0.040		0.028	
Statistics for the model fit							
Log likelihood		-53990.092		-50962.909		-50943.399	
Likelihood-ratio test							
χ ² (p)		2198.89(<.001)		2074.46 (<.001)		1339.29(<.001)	

BMI = body mass index, CI = confidence interval, ICC = intra-class correlation.

Table 5. Effects of individual and community level factors upon moderate or vigorous physical activity: a multilevel analysis; rural.

		Model 1		Model 2		Model 3	
		OR	95%CI	OR	95%CI	OR	95%CI
Fixed effect							
Individual level							
Gender	Male (ref)						
	Female			0.728	0.696-0.760	0.728	0.696-0.760
Age (y)	19-34 (ref)						
	35-49			1.102	1.026-1.184	1.102	1.025-1.183
	50-64			1.310	1.207-1.422	1.309	1.206-1.420
Marital status	Living with spouse (ref)						
	Divorced, and bereaved			1.030	0.962-1.104	1.031	0.963-1.104
	Single			1.162	1.080-1.251	1.161	1.079-1.250
Education	Uneducated (ref)						
	Elementary school			1.019	0.861-1.205	1.019	0.861-1.206
	Middle school			1.004	0.846-1.190	1.004	0.847-1.191
	High school			0.963	0.813-1.142	0.965	0.814-1.144
	≥College/University			1.042	0.874-1.242	1.044	0.876-1.244
Job	Non-manual (ref)						
	Manual			1.379	1.310-1.452	1.377	1.307-1.450
	Housewife, unemployed			0.854	0.806-0.905	0.855	0.807-0.905
Household income / monthly	<100			1.070	1.001-1.163	1.079	1.001-1.164
	100-200			1.155	1.069-1.247	1.156	1.070-1.249
	201-300			1.147	1.057-1.245	1.149	1.059-1.248
	301-400			1.178	1.090-1.273	1.091	1.101-1.274
	≥401(ref)						
Self-rated health	Poor (ref)						
	Neither good nor			1.058	1.007-1.111	1.058	1.007-1.111
	Very good			1.175	1.115-1.237	1.174	1.114-1.236
No. of Chronic diseases	0 (ref)						
	1			1.091	1.033-1.152	1.091	1.033-1.152
	≥2			1.012	0.947-1.082	1.012	0.947-1.082
BMI	Obesity			0.985	0.941-1.031	0.985	0.941-1.031
Community level							
Satisfaction with safety						0.047	0.003-0.867
Satisfaction with natural environment						4.404	0.741-26.156
Satisfaction with living environment						0.277	0.061-1.253
Satisfaction with public transportation						2.604	0.781-8.680
Satisfaction with health service						1.728	0.592-5.039
Social cohesion						4.693	1.216-18.114
Social networks						1.023	0.913-1.158
Social activity participation						0.515	0.203-1.303
Presence of cycle paths (ref=no)						1.328	1.007-1.751
Number of exercise facilities						0.997	0.994-1.001
Number of sports park						1.026	1.001-1.058
Number of hiking trails						1.025	1.006-1.044
Community level random effect							
Between community variance (SE)		0.1695(0.033)		0.1627(0.032)		0.1123(0.027)	
ICC		0.049		0.047		0.033	
Statistics for the model fit							
Log likelihood		-30539.61		-27952.831		-27937.739	
Likelihood-ratio test							
χ ² (p)		1472.76(<.001)		1261.70(<.001)		882.40(<.001)	

BMI = body mass index, CI = confidence interval, ICC = intra-class correlation.