

ESM Table 2: Minimally adjusted combined associations of physical activity and leisure-time sitting level at baseline with incident obesity and incident metabolic risk factor clustering at follow-up

		Incident obesity Odds ratio (95% CI)							
		After 5 years n=3160				After 10 years n=2778			
		<i>Leisure-time sitting level</i>				<i>Leisure-time sitting level</i>			
<i>Physical activity level</i>	<i>High</i>	<i>Intermediate</i>	<i>Low</i>	<i>P-trend</i>	<i>High</i>	<i>Intermediate</i>	<i>Low</i>	<i>P-trend</i>	
<i>Low</i>	1.00 (Reference)	0.62 (0.35, 1.11)	1.12 (0.65, 1.93)	0.64	1.00 (Reference)	0.88 (0.53, 1.47)	1.30 (0.78, 2.17)	0.26	
<i>Intermediate</i>	0.53 (0.29, 0.97)	0.52 (0.29, 0.95)	0.89 (0.52, 1.53)	0.10	0.56 (0.32, 1.00)	0.63 (0.37, 1.08)	0.77 (0.45, 1.32)	0.42	
<i>High</i>	0.76 (0.43, 1.32)	0.63 (0.35, 1.12)	0.23 (0.10, 0.57)	0.01	0.78 (0.46, 1.32)	0.66 (0.39, 1.13)	0.47 (0.24, 0.91)	0.15	
<i>P-trend</i>	0.29	0.86	0.001		0.28	0.41	0.003		
<i>P-interaction</i>		0.02				0.34			
		Incident metabolic risk factor clustering Odds ratio (95% CI)							
		After 5 years n=2529				After 10 years n=2254			
		<i>Leisure-time sitting level</i>				<i>Leisure-time sitting level</i>			
<i>Physical activity level</i>	<i>High</i>	<i>Intermediate</i>	<i>Low</i>	<i>P-trend</i>	<i>High</i>	<i>Intermediate</i>	<i>Low</i>	<i>P-trend</i>	
<i>Low</i>	1.00 (Reference)	0.63 (0.42, 0.93)	0.71 (0.47, 1.09)	0.10	1.00 (Reference)	0.67 (0.46, 0.98)	0.80 (0.53, 1.20)	0.21	
<i>Intermediate</i>	0.74 (0.51, 1.09)	0.52 (0.35, 0.78)	0.50 (0.33, 0.76)	0.05	0.80 (0.55, 1.15)	0.52 (0.36, 0.76)	0.53 (0.36, 0.78)	0.03	
<i>High</i>	0.67 (0.46, 0.97)	0.67 (0.46, 0.98)	0.67 (0.45, 1.01)	0.99	0.71 (0.50, 1.03)	0.67 (0.47, 0.97)	0.64 (0.43, 0.95)	0.56	
<i>P-trend</i>	0.01	0.74	0.48		0.07	0.90	0.65		
<i>P-interaction</i>		0.41				0.56			

Models adjusted for age, sex, and ethnicity.