Table S3. Sex-specific odds ratios for the relationships of PS with leisure versus occupational physical activity

			Male participants		Female participants	
			Unadjusted	**Fully adjusted**	**Unadjusted**	**Fully adjusted**
Total MVPA	Weekly MVPA (min/wk)	0	Reference	Reference	Reference	Reference
		1–149	0.552 (0.471, 0.648)***	0.738 (0.605, 0.901)**	0.423 (0.326, 0.548)***	0.578 (0.441, 0.757)***
		≥150	0.573 (0.502, 0.654)***	0.669 (0.568, 0.788)***	0.434 (0.354, 0.533)***	0.551 (0.445, 0.682)***
	Daily MPA (min/day)	0	Reference	Reference	Reference	Reference
		1–29	0.613 (0.529, 0.710)***	0.784 (0.653, 0.940)**	0.507 (0.403, 0.637)***	0.623 (0.491, 0.792)***
		≥30	0.668 (0.561, 0.796)***	0.687 (0.554, 0.851)**	0.403 (0.302, 0.538)***	0.481 (0.357, 0.648)***
	Daily VPA (min/day)	0	Reference	Reference	Reference	Reference
		1–19	0.650 (0.535, 0.791)***	0.784 (0.615, 0.999)*	0.531 (0.392, 0.717)***	0.703 (0.513, 0.964)*
		≥20	0.472 (0.380, 0.586)***	0.583 (0.445, 0.765)***	0.379 (0.257, 0.558)***	0.545 (0.365, 0.813)**
Leisure-time MVPA	Daily MPA (min/day)	0	Reference	Reference	Reference	Reference
		1–29	0.605 (0.522, 0.700)***	0.777 (0.648, 0.933)**	0.478 (0.378, 0.604)***	0.592 (0.463, 0.756)***
		≥30	0.660 (0.549, 0.793)***	0.680 (0.542, 0.852)**	0.356 (0.257, 0.493)***	0.433 (0.310, 0.606)***
	Daily VPA (min/day)	0	Reference	Reference	Reference	Reference
		1–19	0.628 (0.515, 0.766)***	0.796 (0.612, 1.019)	0.442 (0.317, 0.615)***	0.591 (0.419, 0.834)**
		≥20	0.404 (0.317, 0.514)***	0.461 (0.342, 0.622)***	0.344 (0.221, 0.536)***	0.519 (0.328, 0.820)**
Occupational MVPA	Daily MPA (min/day)	0	Reference	Reference	Reference	Reference
		1–29	0.838 (0.281, 2.495)	0.722 (0.196, 2.656)	1.886 (0.760, 4.682)	1.599 (0.611, 4.187)
		≥30	0.814 (0.497, 1.333)	0.798 (0.446, 1.429)	0.800 (0.438, 1.461)	0.806 (0.430, 1.510)
	Daily VPA (min/day)	0	Reference	Reference	Reference	Reference
		1–19	1.120 (0.619, 1.697)	1.033 (0.516, 2.071)	1.077 (0.531, 2.185)	1.226 (0.582, 2.582)
		≥20	1.025 (0.619, 2.030)	2.123 (1.080, 4.173)*	0.623 (0.286, 1.355)	0.707 (0.313, 1.598)

Values are presented as odds ratio (95% confidence interval).

PS, possible sarcopenia; MVPA, moderate-to-vigorous physical activity; MPA, moderate physical activity VPA, vigorous physical activity.

The fully adjusted model was adjusted for age, house income, medication use including hypertension, dyslipidemia and Type 1 or 2 diabetes, smoking and drinking habits, weight and nutrition information including total, carbohydrate, protein and fat intake calories.

*p<0.05, **p<0.01, and ***p<0.001.