Table S4. Age-specific odds ratios for the relationships of PS with leisure versus occupational physical activity

			Middle-aged participants		Older participants	
			Unadjusted	**Fully adjusted**	**Unadjusted**	**Fully adjusted**
Total MVPA	Weekly MVPA (min/wk)	0	Reference	Reference	Reference	Reference
		1–149	0.602 (0.518, 0.700)***	0.676 (0.557, 0.819)***	0.560 (0.459, 0.683)***	0.666 (0.513, 0.864)**
		≥150	0.631 (0.560, 0.711)***	0.619 (0.530, 0.723)***	0.520 (0.440, 0.614)***	0.632 (0.510, 0.784)***
	Daily MPA (min/day)	0	Reference	Reference	Reference	Reference
		1–29	0.660 (0.576. 0.757)***	0.668 (0.561, 0.795)***	0.650 (0.542, 0.780)***	0.794 (0.626, 1.006)
		≥30	0.645 (0.551, 0.755)***	0.574 (0.469, 0.704)***	0.590 (0.472, 0.738)***	0.682 (0.512, 0.910)**
	Daily VPA (min/day)	0	Reference	Reference	Reference	Reference
		1–19	0.723 (0.605, 0.863)***	0.776 (0.616, 0.978)*	0.564 (0.439, 0.725)***	0.723 (0.525, 0.995)*
		≥20	0.585 (0.476, 0.721)***	0.611 (0.467, 0.800)***	0.430 (0.320, 0.577)***	0.520 (0.356, 0.758)**
Leisure-time MVPA	Daily MPA (min/day)	0	Reference	Reference	Reference	Reference
		1–29	0.645 (0.561, 0.740)***	0.639 (0.536, 0.762)***	0.648 (0.540, 0.776)***	0.809 (0.638, 1.026)
		≥30	0.648 (0.548, 0.766)***	0.573 (0.462, 0.712)***	0.569 (0.448, 0.723)***	0.612 (0.450, 0.833)**
	Daily VPA (min/day)	0	Reference	Reference	Reference	Reference
		1–19	0.679 (0.566, 0.815)***	0.706 (0.556, 0.895)**	0.543 (0.419, 0.703)***	0.744 (0.536, 1.032)
		≥20	0.515 (0.406, 0.655)***	0.541 (0.398, 0.736)***	0.384 (0.276, 0.534)***	0.405 (0.267, 0.615)***
Occupational MVPA	Daily MPA (min/day)	0	Reference	Reference	Reference	Reference
		1–29	1.242 (0.590, 2.612)	1.903 (0.786, 4.608)	0.494 (0.105, 2.331)	0.239 (0.038, 1.506)
		≥30	0.699 (0.462, 1.058)	0.624 (0.374, 1.043)	0.855 (0.475, 1.541)	1.560 (0.730, 3.333)
	Daily VPA (min/day)	0	Reference	Reference	Reference	Reference
		1–19	1.076 (0.658, 1.760)	1.192 (0.633, 2.244)	1.029 (0.525, 2.016)	0.933 (0.387, 2.252)
		≥20	0.998 (0.655, 1.521)	1.076 (0.618, 1.874)	0.766 (0.393, 1.495)	1.923 (0.818, 4.520)

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 sex, 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.