

**Supplementary Table S1.** The summary of the “osteo” component of osteosarcopenia

The “osteo” component of osteosarcopenia associated with fractures	(1) osteoporosis (T-score $\leq -2.5$ SD) shown in Table 2
	(2) osteopenia/osteoporosis (T-score $< -1$ SD) shown in Table 3
	(3) 1. osteopenia ( $-2.5$ SD $<$ T-score $< -1$ SD) with a 10-year risk of major osteoporotic fracture $\geq 20\%$ or risk of hip fracture $\geq 3\%$ based on the FRAX and 2. osteoporosis (T-score $\leq -2.5$ SD) shown in Table 4

**Supplementary Table S2.** Trabecular bone score according to fractures

	Trabecular bone score		
	Mean	Standard deviation	<i>p</i>
Fracture			
Yes	1.239	0.080	<0.001
No	1.272	0.085	