

**Supplementary Table 1. Clinical characteristics in male participants**

Characteristic	GS ≤ 0.8 (n = 18)	0.8 < GS < 1.0 (n = 19)	1.0 ≤ GS < 1.3 (n = 30)	GS ≥ 1.3 (n = 30)	p-value	p for trend
Age (yr)	69.2 ± 11.8	70.1 ± 8.3	64.8 ± 11.0	61.6 ± 8.6	0.01	0.001
Diabetes mellitus	12 (66.7)	10 (52.6)	18 (60.0)	13 (43.3)	0.40	0.16
Education level (yr)					0.29	0.08
<6	8 (44.4)	8 (42.1)	6 (20.7)	8 (27.6)		
6–9	6 (33.3)	7 (36.8)	8 (27.6)	10 (34.5)		
≥10	4 (22.2)	4 (21.1)	15 (51.7)	11 (37.9)		
Medical aid	6 (33.3)	2 (10.5)	2 (6.7)	1 (3.3)	0.01	0.005
Body mass index (kg/m <sup>2</sup> )	24.8 ± 2.3	25.7 ± 2.6	25.4 ± 2.7	25.3 ± 3.0	0.76	0.95
HGS, standing (kg)	28.9 ± 7.4	32.4 ± 6.9	33.6 ± 6.7	35.8 ± 7.1	0.01	0.002
SMI (kg/m <sup>2</sup> )	7.6 ± 1.0	8.7 ± 1.0	8.3 ± 0.9	8.3 ± 1.0	0.02	0.31
Laboratory findings						
25-(OH) vitamin D (ng/mL)	15.9 ± 10.1	17.4 ± 6.3	17.5 ± 9.7	17.8 ± 7.6	0.89	0.17
IS (pg/mL)	0.67 ± 0.74	0.28 ± 0.12	0.34 ± 0.26	0.49 ± 0.35	0.01	0.11
TNF-α (pg/mL)	1.69 ± 0.51	2.05 ± 2.27	1.75 ± 1.17	1.98 ± 1.26	0.80	0.90
Myostatin (pg/mL)	4.60 ± 1.86	5.27 ± 1.21	5.04 ± 2.22	5.30 ± 1.96	0.63	0.54
IL-6 (pg/mL)	2.82 ± 2.33	2.29 ± 1.42	1.98 ± 1.08	2.35 ± 2.21	0.496	0.098
eGFR (mL/min/1.73 m <sup>2</sup> )	36.2 ± 15.8	38.6 ± 8.5	37.6 ± 12.1	33.4 ± 11.9	0.45	0.25
Hemoglobin (g/dL)	11.9 ± 1.9	12.9 ± 1.8	13.5 ± 1.9	13.0 ± 2.3	0.096	0.24
Creatinine (mg/dL)	2.22 ± 1.01	1.86 ± 0.34	2.02 ± 0.68	2.32 ± 0.82	0.16	0.13
iPTH (pg/mL)	105.8 ± 83.3	52.3 ± 24.4	66.7 ± 37.8	78.3 ± 41.2	0.008	0.69
Albumin (g/dL)	4.22 ± 0.40	4.29 ± 0.37	4.38 ± 0.34	4.34 ± 0.35	0.52	0.12
uPCR (g/g)	1.52 ± 2.08	0.84 ± 0.72	1.41 ± 1.72	1.35 ± 1.32	0.52	0.46
MET					0.34	0.14
<600	6 (33.3)	4 (21.1)	3 (16.7)	4 (10.0)		
≥600–1,500	6 (33.3)	3 (15.8)	8 (26.7)	10 (33.3)		
≥1,500	6 (33.3)	12 (63.2)	17 (56.7)	17 (56.7)		
OHR	27.8 ± 19.0	21.1 ± 9.4	30.0 ± 17.9	28.3 ± 18.3	0.33	0.495
PCS	57.0 ± 26.8	64.6 ± 18.2	73.8 ± 15.6	76.4 ± 12.9	0.002	0.002
MCS	55.9 ± 27.5	67.0 ± 20.3	76.4 ± 11.1	72.6 ± 15.0	0.002	0.05

Data are expressed as mean ± standard deviation or number (%).

eGFR, estimated glomerular filtration rate; GS, gait speed; HGS, handgrip strength; IL-6, interleukin-6; iPTH, intact parathyroid hormone; IS, indoxyl sulfate; MCS, mental component scale; MET, metabolic equivalent of task; OHR, overall health rating; PCS, physical component scale; SMI, skeletal muscle mass index; TNF-α, tumor necrosis factor alpha; uPCR, urine protein/creatinine ratio.