

Supplementary Table 2. Clinical characteristics in female

Characteristic	GS ≤ 0.8 (n = 12)	0.8 < GS < 1.0 (n = 16)	1.0 ≤ GS < 1.3 (n = 18)	GS ≥ 1.3 (n = 7)	p-value	p for trend
Age (yr)	67.2 ± 12.4	63.8 ± 12.2	62.4 ± 10.9	62.4 ± 10.0	0.72	0.09
Diabetes mellitus	3 (25.0)	9 (56.3)	9 (50.0)	3 (42.9)	0.4	0.42
Education level (yr)					0.39	0.049
<6	9 (75.0)	7 (43.8)	6 (33.3)	3 (42.9)		
6–9 yr	2 (16.7)	7 (43.8)	8 (44.4)	2 (28.6)		
≥10	1 (8.3)	2 (12.5)	4 (22.2)	2 (28.6)		
Medical aid	5 (41.7)	2 (12.5)	2 (11.1)	2 (28.6)	0.16	0.27
Body mass index (kg/m ²)	26.4 ± 5.0	25.3 ± 2.7	23.8 ± 3.3	26.4 ± 3.4	0.2	0.3
HGS, standing (kg)	20.9 ± 4.4	19.0 ± 5.04	21.5 ± 5.5	20.2 ± 5.4	0.55	0.99
SMI (kg/m ²)	6.80 ± 1.13	6.79 ± 0.99	6.67 ± 1.19	6.85 ± 1.05	0.98	0.73
Laboratory findings						
25-(OH) vitamin D (ng/mL)	17.1 ± 12.5	14.5 ± 6.6	14.7 ± 11.2	13.2 ± 8.1	0.85	0.4
IS (pg/mL)	0.51 ± 0.42	0.58 ± 0.42	0.68 ± 0.44	0.45 ± 0.16	0.52	0.42
TNF-α (pg/mL)	1.93 ± 0.48	2.61 ± 0.34	1.68 ± 0.57	1.89 ± 0.34	0.56	0.56
Myostatin (pg/mL)	4.94 ± 3.35	3.83 ± 0.67	3.84 ± 2.17	5.20 ± 1.64	0.29	0.79
IL-6 (pg/mL)	3.55 ± 1.90	2.85 ± 1.71	1.78 ± 0.97	2.19 ± 1.70	0.03	0.003
eGFR (mL/min/1.73 m ²)	31.2 ± 14.7	30.9 ± 13.1	27.4 ± 10.5	27.5 ± 5.5	0.74	0.53
Hemoglobin (g/dL)	11.3 ± 2.2	10.9 ± 1.1	11.2 ± 1.2	11.8 ± 1.9	0.64	0.22
Creatinine (mg/dL)	1.96 ± 0.72	1.99 ± 0.76	2.17 ± 0.73	1.98 ± 0.40	0.83	0.41
iPTH (pg/mL)	108.8 ± 76.3	91.2 ± 60.7	116.0 ± 103.6	124.8 ± 122.8	0.81	0.7
Albumin (g/dL)	4.25 ± 0.37	4.26 ± 0.32	4.29 ± 0.39	4.39 ± 0.24	0.82	0.28
uPCR (g/g)	1.49 ± 2.01	1.34 ± 1.06	1.47 ± 1.51	1.53 ± 0.87	0.99	0.32
MET					0.83	0.78
<600	4 (33.3)	6 (37.5)	7 (38.9)	3 (42.9)		
≥600–1,500	5 (41.7)	4 (25.0)	4 (22.2)	3 (42.9)		
≥1,500	3 (25.0)	6 (37.5)	7 (38.9)	1 (14.3)		
OHR	22.9 ± 16.7	23.4 ± 11.1	22.2 ± 19.0	25.0 ± 28.9	0.99	0.66
PCS	50.4 ± 23.5	66.4 ± 18.0	60.3 ± 19.2	65.2 ± 18.7	0.19	0.31
MCS	52.6 ± 2.4	67.7 ± 13.3	60.7 ± 21.9	72.7 ± 14.4	0.09	0.12

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.