

Supplementary Table 3. Clinical characteristics between participants with GS of ≥ 1.0 and < 1.0 m/sec

Characteristic	Total (n = 150)	Control group (n = 85), GS ≥ 1.0 m/sec	Case group (n = 65), GS < 1.0 m/sec	p-value
Age (yr)	65.0 \pm 10.8	63.0 \pm 10.0	67.7 \pm 11.2	0.007
Female sex	97 (64.7)	25 (29.4)	28 (43.1)	0.08
Diabetes mellitus	77 (51.3)	43 (50.6)	34 (52.3)	0.84
Education level (yr)				0.005
<6	55 (36.7)	23 (27.7)	32 (49.2)	
6–9	50 (33.3)	28 (33.7)	22 (33.8)	
≥ 10	43 (28.7)	32 (38.6)	11 (16.9)	
Medical aid	22 (14.7)	7 (8.2)	15 (23.1)	0.01
Body mass index (kg/m ²)	25.30 \pm 3.05	25.10 \pm 3.03	25.45 \pm 3.07	0.5
HGS, standing (kg)	28.7 \pm 9.0	30.7 \pm 9.0	26.0 \pm 8.3	0.001
SMI (kg/m ²)	7.72 \pm 1.24	7.82 \pm 1.22	7.59 \pm 1.26	0.26
Low HGS	37 (24.7)	16 (18.8)	21 (32.3)	0.06
Low muscle mass	17 (11.3)	8 (9.4)	9 (14.1)	0.38
Laboratory finding				
25-(OH) vitamin D (ng/mL)	16.5 \pm 9.0	16.7 \pm 9.2	16.2 \pm 8.7	0.76
IS (pg/mL)	0.48 \pm 0.42	0.48 \pm 0.35	0.50 \pm 0.50	0.72
TNF- α (pg/mL)	1.93 \pm 1.59	1.83 \pm 1.05	2.07 \pm 2.11	0.37
Myostatin (pg/mL)	4.79 \pm 2.02	4.89 \pm 2.12	4.67 \pm 1.91	0.52
IL-6 (pg/mL)	2.40 \pm 1.75	2.09 \pm 1.60	2.82 \pm 1.88	0.01
eGFR (mL/min/1.73 m ²)	33.8 \pm 12.5	33.1 \pm 11.9	34.7 \pm 13.2	0.45
Hemoglobin (g/dL)	12.3 \pm 2.05	12.7 \pm 2.1	11.9 \pm 1.9	0.02
Creatinine (mg/dL)	2.09 \pm 0.73	2.15 \pm 0.73	2.00 \pm 0.74	0.23
iPTH (pg/mL)	86.5 \pm 67.9	86.0 \pm 69.3	87.1 \pm 66.5	0.92
Albumin (g/dL)	4.30 \pm 0.35	4.34 \pm 0.34	4.26 \pm 0.36	0.11
uPCR (g/g)	1.35 \pm 1.49	1.41 \pm 1.47	1.27 \pm 1.53	0.58
MET				0.16
<600	38 (25.3)	17 (19.5)	21 (33.3)	
600–1,500	43 (28.7)	27 (31.0)	16 (25.4)	
$\geq 1,500$	69 (46.0)	43 (49.4)	26 (41.3)	
OHR	25.8 \pm 17.2	27.6 \pm 18.7	23.4 \pm 14.8	0.13
PCS	66.5 \pm 20.0	70.8 \pm 16.9	60.4 \pm 22.3	0.002
MCS	67.1 \pm 19.6	71.6 \pm 16.0	60.9 \pm 22.2	0.001

Data are expressed as mean \pm 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.