

Table 1. Baseline characteristics of studied patients with type 2 diabetes mellitus

	All patients n=438	MOCA-J score \geq 26 n=221	MOCA-J score <26 n=217	P
Age, years	66 \pm 12	61 \pm 12	71 \pm 10	<0.01
Male, n (%)	244 (56)	122 (55)	122 (56)	0.831
MOCA-J, points	25.0 \pm 3.3	27.6 \pm 1.2	22.4 \pm 2.6	<0.01
Anthropometry				
Systolic blood pressure, mmHg	132 \pm 18	131 \pm 17	133 \pm 18	0.382
Diastolic blood pressure, mmHg	74 \pm 12	75 \pm 12	72 \pm 11	<0.05
Body weight, kg	68.6 \pm 17.7	71.7 \pm 18.2	65.5 \pm 16.6	<0.01
BMI, kg/m ²	26.6 \pm 6.1	27.3 \pm 6.5	25.9 \pm 5.6	<0.05
Waist, cm	92.3 \pm 14.2	93.5 \pm 14.7	91.1 \pm 13.5	<0.05
Fat mass, kg	23.3 \pm 12.4	24.6 \pm 13.2	21.9 \pm 11.4	<0.01
Fat ratio, %	32.5 \pm 10.2	32.8 \pm 10.7	32.1 \pm 9.7	0.500
Hand grip strength, kg	33.1 \pm 11.4	35.1 \pm 11.8	31.1 \pm 10.6	<0.01
Walking speed, m/sec	1.56 \pm 0.33	1.65 \pm 0.30	1.47 \pm 0.33	<0.01
Muscle mass, kg	42.8 \pm 8.6	44.4 \pm 8.7	41.1 \pm 8.2	<0.01
Skeletal muscle index, kg/m ²	24.6 \pm 5.4	25.6 \pm 5.5	23.5 \pm 5.2	<0.01
Sarcopenia, n (%)	38 (9)	9 (4)	29 (13)	<0.01
Comorbidities				
Duration of diabetes, years	15 \pm 9	14 \pm 9	17 \pm 9	<0.01
Hypertension, n (%)	304 (69)	150 (68)	154 (71)	0.483
Dyslipidemia, n (%)	302 (69)	156 (71)	146 (67)	0.413
Coronary heart diseases, n (%)	64 (15)	30 (14)	34 (10)	0.54
Stroke, n (%)	36 (9)	13 (6)	23 (11)	0.07
Life habits				
Regular walking, n (%)	173 (40)	87 (40)	86 (40)	0.985
Current or ex-smoker, n (%)	231 (53)	128 (58)	103 (48)	0.112
Current or ex-drinker, n (%)	195 (45)	105 (48)	90 (42)	0.524
Blood measurements				
Albumin, g/dL	4.2 \pm 0.3	4.3 \pm 0.3	4.2 \pm 0.3	<0.01
AST, U/L	24 \pm 12	25 \pm 13	24 \pm 11	0.323
ALT, U/L	25 \pm 20	28 \pm 24	22 \pm 15	<0.01
γ GT, U/L	38 \pm 46	40 \pm 45	37 \pm 47	0.579
Fasting plasma Glucose, mg/dL	140 \pm 35	137 \pm 36	142 \pm 34	0.151
HbA1c, %	7.1 \pm 1.0	7.1 \pm 1.0	7.1 \pm 0.9	0.389
LDL cholesterol, mg/dL	103 \pm 29	106 \pm 30	100 \pm 27	<0.05
HDL cholesterol, mg/dL	56 \pm 14	57 \pm 13	54 \pm 14	0.084
Triglycerides, mg/dL	126 \pm 108	128 \pm 77	124 \pm 133	0.736
Creatinine, mg/dl	0.92 \pm 0.55	0.89 \pm 0.62	0.94 \pm 0.47	0.319
eGFR, ml/min/1.73m ²	64.3 \pm 18.6	67.9 \pm 18.7	60.6 \pm 17.7	<0.01
Medications				
Sulfonylurea, n (%)	43 (10)	19 (9)	24 (11)	0.388
Insulin, n (%)	125 (29)	60 (27)	65 (30)	0.517
Biguanide	224 (51)	103 (48)	121 (55)	0.128
Glinide	113 (26)	58 (27)	55 (25)	0.661
Pioglitazone	138 (32)	66 (30)	72 (33)	0.627
α -GI	87 (20)	47 (22)	40 (18)	0.352
DPP4 inhibitor	271 (62)	141 (65)	130 (59)	0.186
GLP1	33 (8)	14 (7)	19 (9)	0.396
SGLT2 inhibitor	95 (22)	44 (20)	51 (23)	0.478

Mean \pm SD or number (%)