

**Table 2. Unadjusted odds ratio for mild cognitive impairment (MCI) in patients with type 2 diabetes mellitus**

	Unadjusted OR (95% CI)	<i>P</i>
Age, years	1.08 ( 1.06 - 1.11 )	<0.01
Male, yes or no	1.04 ( 0.72 - 1.52 )	0.83
<b>Anthropometry</b>		
Systolic blood pressure, mmHg	1.01 ( 0.99 - 1.02 )	0.38
Diastolic blood pressure, mmHg	0.98 ( 0.96 - 1.00 )	<0.05
Body weight, kg	0.98 ( 0.97 - 0.99 )	<0.01
BMI, kg/m <sup>2</sup>	0.96 ( 0.93 - 0.99 )	<0.05
Waist, cm	0.99 ( 0.98 - 1.00 )	0.09
Fat mass, kg	0.98 ( 0.97 - 1.00 )	<0.05
Fat ratio, %	0.99 ( 0.98 - 1.01 )	0.50
Hand grip strength, kg	0.97 ( 0.95 - 0.99 )	<0.01
Walking speed, m/sec	0.16 ( 0.08 - 0.31 )	<0.01
Muscle mass, kg	0.95 ( 0.93 - 0.98 )	<0.01
Skeletal muscle index, kg/m <sup>2</sup>	0.73 ( 0.61 - 0.86 )	<0.01
Sarcopenia, yes or no	3.63 ( 1.68 - 7.87 )	<0.01
<b>Comorbidities</b>		
Duration of diabetes, years	1.05 ( 1.03 - 1.07 )	<0.01
Hypertension, yes or no	1.16 ( 0.77 - 1.74 )	0.48
Dyslipidemia, yes or no	0.84 ( 0.56 - 1.27 )	0.41
Coronary heart diseases, n (%)	1.18 ( 0.70 - 2.01 )	0.54
Stroke, n (%)	1.90 ( 0.94 - 3.85 )	0.08
<b>Life habits</b>		
Regular walking, yes or no	1.00 ( 0.68 - 1.46 )	0.99
Current or ex-smoker, yes or no	0.85 ( 0.69 - 1.04 )	0.11
Current or ex-drinker, yes or no	0.92 ( 0.71 - 1.19 )	0.52
<b>Blood measurements</b>		
Albumin, g/dL	0.37 ( 0.21 - 0.66 )	<0.01
AST, U/L	0.99 ( 0.98 - 1.01 )	0.32
ALT, U/L	0.98 ( 0.97 - 1.00 )	<0.01
γGT, U/L	1.00 ( 1.00 - 1.00 )	0.58
Fasting plasma Glucose, mg/dL	1.00 ( 1.00 - 1.01 )	0.15
HbA1c, %	1.09 ( 0.90 - 1.21 )	0.39
LDLcholesterol, mg/dL	0.99 ( 0.99 - 1.00 )	<0.05
HDL cholesterol, mg/dL	0.99 ( 0.97 - 1.00 )	0.09
Triglycerides, mg/dL	1.00 ( 1.00 - 1.00 )	0.74
Creatinine, mg/dl	1.21 ( 0.82 - 1.79 )	0.34
eGFR, ml/min/1.73m <sup>2</sup>	0.98 ( 0.97 - 0.99 )	<0.01
<b>Medications</b>		
Sulfonylurea, yes or no	1.32 ( 0.70 - 2.49 )	0.39
Insulin, yes or no	1.15 ( 0.76 - 1.74 )	0.52
Biguanide	0.75 ( 0.51 - 1.09 )	0.13
Glinide	1.10 ( 0.72 - 1.69 )	0.66
Pioglitazone	0.91 ( 0.60 - 1.35 )	0.63
α-GI	1.25 ( 0.78 - 2.00 )	0.35
DPP4 inhibitor	1.30 ( 0.88 - 1.91 )	0.19
GLP1	0.73 ( 0.36 - 1.50 )	0.40
SGLT2 inhibitor	0.85 ( 0.54 - 1.34 )	0.48