

**Supplemental Table 2.** Multivariate logistic regression analysis on associations of GNRI cutoff for diagnosis of sarcopenia in the overall participants

Dependent variable: Sarcopenia

Independent variable	Standardized	P	VIF
Age (year)	0.219	<0.001	1.815
Sex	-0.052	0.243	1.816
Diabetes duration (year)	-0.002	0.972	1.346
HbA1c (%)	0.013	0.978	1.106
eGFR (ml/min/1.73m <sup>2</sup> )	0.001	0.105	1.205
GNRI, point	-0.408	<0.001	7.356
BMI (kg/m <sup>2</sup> )	0.005	0.029	6.888

VIF: variance inflation factor

Independent variable: GNRI cut-off 98

Dependent variable	Model 2 in Table 4	P	Model 3	P
Low SMI	4.09 ( 2.02 - 8.27 )	<0.001	0.53 ( 0.23 - 1.23 )	0.141
Low handgrip strength	2.60 ( 1.22 - 5.53 )	0.013	3.39 ( 1.49 - 7.69 )	0.004
Low walking speed	1.35 ( 0.35 - 5.19 )	0.664	3.24 ( 0.73 - 14.40 )	0.123
Sarcopenia	4.67 ( 1.98 - 11.01 )	<0.001	1.95 ( 0.74 - 5.13 )	0.175

Independent variable: GNRI cut-off 105

Dependent variable	Model 2 in Table 4	P	Model 3	P
Low SMI	0.75 ( 0.30 - 1.86 )	<0.001	1.73 ( 0.84 - 3.54 )	0.140
Low handgrip strength	1.84 ( 1.04 - 3.25 )	0.035	2.83 ( 1.14 - 5.66 )	0.003
Low walking speed	0.66 ( 0.22 - 1.99 )	0.457	1.46 ( 0.41 - 5.18 )	0.555
Sarcopenia	9.91 ( 5.72 - 17.2 )	<0.001	3.13 ( 1.19 - 8.25 )	0.021

Model 2: age (year), sex, diabetes duration (years), HbA1c (%), and eGFR (ml/min/1.73m<sup>2</sup>)

Model 3: age (year), sex, diabetes duration (years), HbA1c (%), eGFR (ml/min/1.73m<sup>2</sup>), and BMI (kg/m<sup>2</sup>)