

Table 2. Univariate regression analysis of factors associated with total hip BMD

	ρ	p -value	
Age (years)	-0.689	< 0.001**	
Duration of disease (years)	-0.010	0.948	
Body weight (kg)	0.414	0.007*	
BMI (kg/m ²)	0.219	0.169	
Insulin requirement (unit/BW)	0.374	0.016*	
HbA1c (%)	0.265	0.094	
eGFR (mL/min/1.73m ²)	0.268	0.091	
CGM [‡]			
TIR (%)	-0.231	0.115	
TBR (%)	0.157	0.486	
Dietary intake			
Energy (kcal/day)	0.080	0.618	
Protein (%E)	-0.094	0.558	
Fat (%E)	-0.029	0.859	
Carbohydrates (%E)	0.166	0.301	
Calcium (mg/1000kcal)	-0.325	0.038*	
Vitamin D (μg/1000kcal)	-0.010	0.952	
	Low TH BMD group (<i>n</i>=24)	High TH BMD group (<i>n</i>=21)	<i>p</i>-value
Male <i>n</i> (%)	8 (31)	13 (68)	0.012*
Current exercise habits			
Yes <i>n</i> (%)	4 (17)	4 (19)	0.853
Current physical activity			
Yes <i>n</i> (%)	13 (54)	12 (57)	0.423
Treatment			
MDI <i>n</i> (%)	17 (71)	18 (86)	0.632
SGLT2i <i>n</i> (%)	4 (17)	8 (38)	0.524
Diabetic complications			
Neuropathy (+) <i>n</i> (%)	0 (0)	2 (10)	0.176
Nephropathy (+) <i>n</i> (%)	2 (8)	4 (19)	0.781
Retinopathy (+) <i>n</i> (%)	3 (13)	3 (14)	0.860