

Table 2 Predictive accuracy of bone mineral density (BMD) measurement parameters determined by receiver operating characteristic analysis and area under the curve (AUC) in recognizing high-risk postmenopausal women for vertebral fracture with respect to age group and site of BMD measurement

BMD parameter	Age < 65 years				Age ≥ 65 years				Total			
	AUC	SE	95% CI	P-value	AUC	SE	95% CI	P-value	AUC	SE	95% CI	P-value
Femoral neck BMD (g/cm ²)	0.87	0.07	0.74–1.00	0.002	0.67	0.08	0.51–0.84	0.05	0.74	0.06	0.62–0.86	< 0.001
Spine BMD (g/cm ²)	0.74	0.10	0.56–0.94	0.046	0.68	0.08	0.51–0.84	0.045	0.70	0.06	0.57–0.83	0.05
Femoral neck BMD T-score	0.83	0.08	0.66–0.99	0.007	0.74	0.08	0.59–0.89	0.006	0.75	0.06	0.63–0.87	< 0.001
Spine BMD T-score	0.77	0.09	0.58–0.96	0.026	0.68	0.08	0.52–0.84	0.04	0.72	0.06	0.59–0.83	0.002
Femoral neck BMD Z-score	0.79	0.09	0.60–0.98	0.015	0.73	0.08	0.58–0.88	0.009	0.77	0.05	0.66–0.88	< 0.001
Spine BMD Z-score	0.78	0.09	0.60–0.97	0.019	0.72	0.08	0.56–0.87	0.013	0.74	0.06	0.62–0.86	< 0.001

*Area under the curve was compared with chance level.
SE = standard error of AUC; CI = confidence interval.*