

Table SII. Associations between 25-hydroxyvitamin D (25OHD) status and pathological parameters, univariate analysis

Characteristics	25OHD <20 ng/ml vs 25OHD ≥ 20 ng/ml				
	<i>n</i>	OR	95% CI	<i>p</i> -value	<i>p</i> -global
Histological subtype	384				0.290
Acral lentiginous melanoma		0.58	0.13–2.08	0.436	
Lentigo maligna melanoma		1.30	0.36–4.43	0.675	
Nodular melanoma		1.61	0.91–2.85	0.101	
Superficial spreading melanoma (ref)		–			
Unknown + other		0.81	0.46–1.39	0.447	
Clark	386				0.551
Level 2 + level 3 (ref)		–	–		
Level 4		0.79	0.51–1.21	0.278	
Level 5 + level 6		0.91	0.44–1.85	0.795	
Mitosis	374				0.881
No presence (ref)		–	–		
Presence		1.05	0.55–2.08	0.881	
Regression	326				0.186
No presence (ref)		–	–		
Presence		1.55	0.81–2.95	0.185	
Microsatellites	296				0.856
No presence (ref)		–	–		
Presence		1.15	0.22–5.31	0.855	
Vascular invasion	327				0.119
No presence (ref)		–	–		
Presence		2.64	0.78–10.2	0.128	
Perineural invasion	138				0.280
No presence (ref)		–	–		
Presence		0.34	0.02–2.18	0.330	
Tumour infiltrating lymphocytes (TIL)	296				0.892
No presence (ref)		–	–		
Presence		0.95	0.44–2.11	0.892	
pT staging	385	1.11	1.00–1.24	0.048	0.047
N staging	387	1.15	0.98–1.35	0.094	0.091
pTNM staging	385	1.14	1.01–1.29	0.029	0.029

Overall *p*-values are represented for each variable, *p*-values for comparisons of each category levels are represented only for those who have more than 2 levels.

OR: odds ratio on 25OHD levels <20 ng/ml; 95% CI: 95% confidence interval; ref: reference.