

Table SIII. Interobserver concordances (Cohen's kappa) for groups of features. Cohen's kappa is interpreted as poor (≤ 0) slight (> 0 to 0.20), fair (> 0.2 to 0.4), moderate (> 0.4 to 0.6), substantial (> 0.6 to 0.8), and almost perfect (> 0.8) agreement

Group of features*	Number with features		Accuracy	95% CI (Accuracy)	κ	95% CI (κ)	n^{**}
	Observer 1 n (%)	Observer 2 n (%)					
Melanoma-specific structures	118 (22)	90 (17)	86%	82–88	0.54	0.44–0.63	539
Regression structures	24 (24)	33 (34)	77%	67–85	0.44	0.24–0.64	98
Atypical vascular patterns	41 (14)	32 (11)	88%	84–92	0.45	0.28–0.62	294
Face	14 (7)	21 (11)	96%	93–99	0.78	0.62–0.94	196
All features combined	197 (17)	176 (16)	87%	85–89	0.54	0.47–0.61	1,127

*According to the Revised 2-step algorithm (7).

**Total number of observations. Each melanoma occurs once for each of its features.