

Table SI. Histopathological evaluation of all 664 invasive and in situ melanoma cases registered in the Regional Melanoma Registry in the Stockholm–Gotland region in 2006

Reports	n (%)
General and reviewed reports <sup>a</sup>	317 (47.7)
Only reviewed reports <sup>b</sup>	160 (24.1)
Only general reports <sup>c</sup>	187 (28.2)
All	664 (100)

<sup>a</sup>Cases analyzed by a general pathologist and reviewed by a pathologist with melanoma expertise including 83 cases of melanoma primarily classified as *in situ* tumours.

<sup>b</sup>Cases primarily analyzed by a pathologist with melanoma expertise.

<sup>c</sup>Cases analyzed by a general pathologist, not yet reviewed by a pathologist with melanoma expertise.

Table SII. Not reported data in the general report compared with the reviewed report of the 234<sup>a</sup> cases of invasive cutaneous malignant melanoma (CMM) registered in the Regional Melanoma Registry in the Stockholm–Gotland region in 2006

Histopathological parameter	Not reported data, n (%)
Breslow thickness	20 (8.5)
Ulceration	122 (52.1)
Clark's level of invasion	19 (8.1)
Histological type	13 (5.6)

<sup>a</sup>83 cases of CMM primarily classified as *in situ* tumours excluded from the general pathology reports in Tables II–IV.

Table SIII. Results of the histopathological review of 234<sup>a</sup> cases of invasive cutaneous malignant melanoma compared with the results of the primary histopathological report concerning histological type

Histological type, primary report	Histological type, reviewed report					Agreement, n (%)
	All	SSM	LMM	NM	Other	
SSM	123	102	1	3	17	102 (82.9)
LMM	24	2	20		2	20 (83.3)
NM	47	6		35	6	35 (74.5)
ALM	1			1		0 (0.0)
Other	26	7		2	17	17 (65.4)
						174 (78.7)

<sup>a</sup>Not reported data (n=13) excluded from the analyzes.

SSM: superficial spreading melanoma; LMM: lentigo malignant melanoma; NM: nodular melanoma; ALM: acral lentiginous melanoma.

Table SIV. Results of the histopathological review of level of invasion according to Clark of 214 of 234 cases of invasive cutaneous malignant melanoma by the primary report of tumour thickness according to Breslow compared with the results of the histopathological primary report of level of invasion according to Clark. Analysis could only be performed where both level of invasion and tumour thickness were included in the primary histopathological report

Breslow thickness, primary report	Clark level, primary report	Clark level, reviewed report							Agreement, n (%)
		All	I	II	III	IV	V	Not classifiable	
T1 melanomas ( $\leq 1.0$ mm) <sup>a</sup>	II	54	4	33	15	2			33 (61.1)
	III	42	3	4	28	7			28 (66.7)
	IV	5	1			4			4 (80.0)
T2–T4 melanomas ( $> 1.0$ mm) <sup>a</sup>	II	1			1				0 (0.0)
	III	34			16	17		1	18 (47.1)
	IV	62			1	56	5		6 (90.3)
	V	10				2	8		2 (80.0)

<sup>a</sup>Not reported data (T1  $n=2$ ; T2–T4  $n=4$ ) excluded from the analyzes.