

**Table SI. Univariate and multivariate Cox regression analyses: (A) Disease-free survival and overall survival comparing the 3 subgroups. (B) Disease-free survival and overall survival comparing *de novo* melanomas with naevus-associated melanomas (NAM) in general**

	Disease-free survival			Overall survival		
	<i>De novo</i> melanoma	Dysplastic NAM	Common NAM	<i>De novo</i> melanoma	Dysplastic NAM	Common NAM
(A)						
Estimated survival 2 years	82.5%	96.9%	91.9%	92.6%	97.0%	98.2%
Estimated survival 5 years	73.7%	92.6%	84.9%	84.0%	92.6%	89.3%
Cox univariate regression analysis (hazard ratio (95% CI))	Ref.	<b>0.22 (0.09–0.49)</b>	<b>0.53 (0.33–0.87)</b>	Ref.	<b>0.35 (0.16–0.81)</b>	<b>0.68 (0.39–1.17)</b>
Cox multivariate regression analysis	Histological association to naevus: NS Significant variables included in the model: <b>Breslow's thickness:</b> – ≤1.00 mm: Ref. – 1.01–2.00 mm: <b>0.08 (0.05–0.14)</b> – 2.01–4.00 mm: <b>0.22 (0.14–0.35)</b> – >4.00 mm: <b>0.65 (0.46–0.93)</b> Age: – <45 years: Ref. – 45–65 years: 0.55 (0.35–0.85) – >65 years: 0.79 (0.57–1.10) Melanoma location: – Head and neck: 0.89 (0.557–1.37) – Upper limb: 0.59 (0.34–1.04) – <b>Trunk: 0.53 (0.34–0.82)</b> – Lower limb: 0.84 (0.51–1.38) – Acral: Ref.			Histological association to naevus: NS Significant variables included in the model: <b>Breslow's thickness:</b> – ≤1.00 mm: Ref. – <b>1.01–2.00 mm: 2.39 (1.14–4.98)</b> – <b>2.01–4.00 mm: 8.36 (4.35–16.07)</b> – >4.00 mm: <b>11.20 (5.79–22.00)</b> Age: – <45 years: Ref. – 45–65 years: 0.99 (0.58–1.73) – >65 years: <b>2.25 (1.34–3.77)</b>		
(B)	<i>De novo</i> melanoma	NAM		<i>De novo</i> melanoma	NAM	
Estimated survival 2 years, 5	82.5	94.2		94.4	98.1	
Estimated survival 5 years, 5	73.7	88.3		86.2	92.7	
Cox univariate regression analysis (hazard ratio (95% CI))	Ref.	<b>0.39 (0.25–0.59)</b>		Ref.	<b>0.53 (0.31–0.89)</b>	
Cox multivariate regression analysis	Histological association to naevus: NS Significant variables included in the model: Age: – <45 years: Ref. – <b>45–65 years: 0.51 (0.33–0.78)</b> – <b>&gt;65 years: 0.71 (0.51–0.99)</b> Melanoma location: – Head and neck: 0.95 (0.61–1.47) – <b>Upper limb: 0.53 (0.30–0.92)</b> – <b>Trunk: 0.49 (0.32–0.75)</b> – Lower limb: 0.83 (0.51–1.36) – Acral: Ref. Breslow's thickness: – ≤1.00 mm: Ref. – <b>1.01–2.00 mm: 0.10 (0.60–0.17)</b> – <b>2.01–4.00 mm: 0.26 (0.16–0.42)</b> – >4.00 mm: <b>0.69 (0.47–0.97)</b>			Histological association to naevus: NS Significant variables included in the model: Age: – <45 years: Ref. – 45–65 years: 0.61 (0.58–1.73) – <b>&gt;65 years: 0.56 (0.36–0.88)</b> Breslow's thickness: – ≤1.00 mm: Ref. – <b>1.01–2.00 mm: 0.06 (0.03–0.14)</b> – <b>2.01–4.00 mm: 0.20 (0.10–0.38)</b> – >4.00 mm: <b>0.62 (0.39–0.98)</b>		

NS: non-significant; Ref: reference.