

Table SI. Characteristics associated to CDKN2A⁺ familial melanoma vs. sporadic melanoma

	Familial melanoma CDKN2A ⁺ vs. sporadic melanoma		
	Univariate		
	OR	95% CI	p-value
Sex			
Man	Ref.	Ref.	0.059
Woman	3.0	1.0–9.3	
Age at diagnosis			
≤ 50 years	3.5	1.2–10.2	0.020
> 50 years	Ref.	Ref.	
Eye colour			
Dark (brown/black)	Ref.	Ref.	0.099
Fair (blue/green)	0.4	0.1–1.2	
Hair colour			
Black/brown	Ref.	Ref.	0.655
Blonde	1.6	0.5–5.0	
Red	1.9	0.2–15.3	
Phototype			
I–II	1.1	0.4–3.0	0.880
III–V	Ref.	Ref.	
Lifetime severe sunburns			
≤ 5	Ref.	Ref.	0.996
> 5	1.0	0.3–3.5	
Outdoor worker			
No	Ref.	Ref.	0.989
Yes	1.0	0.3–3.1	
Freckling in childhood			
No	Ref.	Ref.	0.496
Yes	1.5	0.5–4.7	
Solar lentiginosities			
No	Ref.	Ref.	0.116
Yes	0.4	0.1–1.3	
Solar lentiginosities at melanoma site			
No	Ref.	Ref.	0.190
Yes	0.5	0.2–1.4	
Actinic keratosis			
No	Ref.	Ref.	0.819
Yes	0.8	0.2–3.6	
Second non-cutaneous neoplasia			
No	Ref.	Ref.	0.393
Yes	1.7	0.5–6.2	
Personal history of basal cell carcinoma			
No	Ref.	Ref.	0.072
Yes	3.2	0.9–11.5	
Personal history of squamous cell carcinoma			
No	N.C.	N.C.	N.C.
Yes	N.C.	N.C.	N.C.
Common melanocytic naevi			
< 20	Ref.	Ref.	0.007
≥ 20	4.1	1.5–11.4	
Atypical melanocytic naevus			
No	Ref.	Ref.	0.001
Yes	6.2	2.2–17.6	
Multiple primary melanomas			
No	Ref.	Ref.	<0.001
Yes	18.2	6.5–50.6	
Family history of pancreatic cancer			
No	Ref.	Ref.	0.443
Yes	2.2	0.3–17.3	
Family history of cancer			
No	Ref.	Ref.	0.977
Yes	1.0	0.4–2.7	
Site of first primary melanoma			
Head/neck	Ref.	Ref.	0.368
Upper extremity (hand excluded)	1.5	0.2–10.7	
Trunk	2.9	0.6–13.1	
Lower extremity (foot excluded)	0.5	0.1–5.9	
Acral (hand/foot)	1.3	0.1–14.2	
Stage at diagnosis			
<i>In situ</i>	Ref.	Ref.	0.740
Localized disease (stage I/II)	3.0	0.4–22.8	
Locoregional (stage III)	2.0	0.2–22.5	
Distant metastases (stage IV)	N.C.	N.C.	
Histological type			
Lentigo maligno melanoma	Ref.	Ref.	0.638
Superficial spreading melanoma	2.5	0.3–19.4	
Nodular melanoma	0.6	0.0–9.7	
Acral lentiginous melanoma	2.4	0.2–39.7	
Other/non-specified	N.C.	N.C.	
Solar elastosis			
No	N.C.	N.C.	N.C.
Yes	N.C.	N.C.	N.C.
R variants in MC1R			
No	Ref.	Ref.	0.932
Yes	1.0	0.3–3.0	

Ref.: reference category; N.C.: not calculable.