Table SIII. Characteristics associated to CDKN2A+ vs. CDKN2A- familial melanomas

Sex	Familial melanoma CDKN2A <sup>+</sup> vs. familial melanoma CDKN2A <sup>-</sup>		
Sex Man	Univariate		
Man   Ref.   Moman   1.8   Age at diagnosis   250 years   250 yea	95% CI	OR	
Moman	Ref.	0.345	
\$ 50 years   3.1	0.5-6.0	0.0.0	
> 50 years	1102	0.040	
Eye colour   Dark (brown/black)   Ref.   Fair (blue/green)   0.3   Hair colour   Ref.   Bir (blue/green)   Ref.   Bir (	1.1-9.3 Ref.	0.040	
Fair (blue/green)  Black/brown  Black/brown  Black/brown  Blonde  0,9  Red  0,7  Phototype  I-II			
Hair colour	Ref.	0.088	
Black/brown   Ref.   Blonde   0.9   Red   0.7   Phototype	0.1-1.2		
Red         0.7           Phototype         1-II         1.0           III-V         Ref.           III-W         Ref.           ≤5         1.2           >5         Ref.           Outdoor worker         Verman (Port of the Control of Control o	Ref.	0.936	
Phototype   I-II	0.3-3.2		
I-II III-V Ref. Lifetime severe suburns  ≤ S Ref. Outdoor worker No Outdoor worker No No O.5 Yes Ref. Freekling in childhood No No Ref. Yes Solar lentigines No Ref. Yes O.6 Solar lentigines at melanoma site No Ref. Yes O.6 Solar lentigines at melanoma site No Ref. Yes O.6 Solar lentigines at melanoma site No Ref. Yes O.6 Solar lentigines at melanoma site No Ref. Yes O.6 Solar lentigines at melanoma site No Ref. Yes O.6 Solar lentigines at melanoma site No Ref. Yes O.6 Solar lentigines at melanoma site No Ref. Yes O.6 Solar lentigines at melanoma site No Ref. Yes O.6 Solar lentigines at melanoma site No Ref. Yes O.6 Solar lentigines at melanoma site No Ref. Yes Second non-cutaneous neoplasia No Ref. Yes O.6 Solar lentigines at melanoma sef. No Ref. Yes O.6 Ref. Yes O.7 Second non-cutaneous neoplasia No Ref. Yes O.7 Ref. Yes O.8 Ref. Yes O.9 Ref. Solar lentigines at melanoma No Ref. Yes O.7	0.1-5.9		
Lifetime severe suburns  ≤5 1,2  >5 Ref.  Outdoor worker  No 0.5  Yes Ref.  Freckling in childhood  No Ref. Yes 0.9  Solar lentigines  No Ref. Yes 0.6  Solar lentigines at melanoma site  No Ref. Yes 0.6  Solar lentigines at melanoma site  No Ref. Yes 0.6  Solar lentigines at melanoma site  No Ref. Yes 0.6  Solar lentigines at melanoma site  No Ref. Yes 0.6  Actinic keratosis  No Ref. Yes 0.6  Actinic keratosis  No Ref. Yes 0.7  Second non-cutaneous neoplasia  No Ref. Yes 0.7  Yes 0.7  Solar lentigines at melanoma Ref. Yes 0.7  Second non-cutaneous neoplasia  No Ref. Yes 0.7  Yes 0.7  Ref. Yes 0.7  Ref. Yes 0.7  Personal history of BCC  No Ref. Yes 0.7  Personal history of SCC  No Ref. Yes 0.7  Personal melanocytic naevi 0.7  ∠20  Ref. Yes 0.7  Ref. Yes 0.7  Trank No Ref. Yes 0.7  Trank No Ref. Yes 0.7  Trank No Ref. Yes 0.7  Family history of pancreatic cancer  No Ref. Yes 0.7  Tamily history of pancreatic cancer  No Ref. Yes 0.7  Tamily history of cancer  No Ref. Yes 0.0  Trunk 0.6  Lower extremity (foot excluded) 0.5  Trunk 0.6  Lower extremity (foot excluded) 0.2  Acral (hand/foot) 0.8  Stage at diagnosis 1.1  In situ Ref. Localized disease (stage I/II) 0.8  Stage at diagnosis 1.1  In situ Ref. Localized disease (stage I/II) 0.8  Stage at diagnosia Ref. Localized disease (stage I/II) 0.9  Histological type 1.1  Loudelar melanoma 0.9  Nodular melanoma 0.9	0.3-3.0	0.983	
55         Ref.           Outdoor worker         0.5           No         0.5           Yes         Ref.           Freekling in childhood         Ref.           No         Ref.           Yes         0.9           Solar lentigines         No           No         Ref.           Yes         0.6           Solar lentigines at melanoma site         Ref.           No         Ref.           Yes         0.6           Actinic keratosis         Ref.           No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         1.4           Personal history of SCC         Ref.           No         Ref.           Yes         2.0           Atypical melanocytic naevi         2.2           20         2.9           Atypical melanocytic naevus         Ref.           No         Ref.           Yes         2.2 <tr< td=""><td>Ref.</td><td></td></tr<>	Ref.		
5 Outdoor worker         Ref.           No         0.5           Yes         Ref.           Freekling in childhood         Ref.           No         Ref.           Yes         0.9           Solar lentigines         Ref.           No         Ref.           Yes         0.6           Solar lentigines at melanoma site         Ref.           No         Ref.           Yes         0.6           Actinic keratosis         Ref.           No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         No.           No         Ref.           Yes         2.9           Atypical melanocytic naevi         2.2           420         Ref.           Yes         2.2           Multiple primary melanomas         Ref.           No         Ref.           Yes         1.5	0.3-4.8	0.757	
No         Q.5           Yes         Ref.           Freckling in childhood         Ref.           No         Ref.           Yes         0.9           Solar lentigines         Ref.           No         Ref.           Yes         0.6           Solar lentigines at melanoma site         No           No         Ref.           Yes         0.6           Actinic keratosis         Ref.           No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         No           No         Ref.           Yes         2.9           Attypical melanocytic naevi         Ref.           Yes         2.2           Multiple primary melanomas         Ref.           No         Ref.           Yes         1.5           Family history of pancreatic cancer         Ref.           No         Ref.<	0.3-4.6 Ref.	0.737	
Yes         Ref.           Freckling in childhood         Ref.           No         Ref.           Yes         0.9           Solar lentigines            No         Ref.           Yes         0.6           Solar lentigines at melanoma site            No         Ref.           Yes         0.6           Actinic keratosis            No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         N.C.           No         Ref.           Yes         2.0           Common melanocytic naevi         Ref.           < 20			
Freckling in childhood  No Ref. Yes 0.9  Solar lentigines  No Ref. Yes 0.6  Solar lentigines at melanoma site  No Ref. Yes 0.6  Solar lentigines at melanoma site  No Ref. Yes 0.6  Actinic keratosis  No Ref. Yes 1.9  Second non-cutaneous neoplasia  No Ref. Yes 1.9  Second non-cutaneous neoplasia  No Ref. Yes 5.0  Personal history of BCC  No Ref. Yes 5.0  Personal history of SCC  No Ref. Yes 5.0  Personal history of SCC  No Ref. Yes 2.2  Atypical melanocytic naevi < 2.0 Ref. Yes 2.2  Atypical melanocytic naevus  No Ref. Yes 2.2  Atypical melanocytic naevus  No Ref. Yes 2.2  Multiple primary melanomas  No Ref. Yes 1.5  Family history of pancreatic cancer  No Ref. Yes 1.5  Family history of cancer  No Ref. Yes 1.5  Family history of cancer  No Ref. Yes 1.0  Site of first primary melanoma  Head/neck Ref. Upper extremity (hand excluded)  Trunk 0.6  Lower extremity (foot excluded)  Trunk 0.6  Lower extremity (foot excluded)  In situ Ref. Localized disease (stage I/II) 5.3  Locoregional (stage III) 4.0  Distant metastases (stage III) 4.0  Distant metastase (stage III) 4.0  Distant me	0.2-1.9 Ref.	0.317	
No         Ref.           Yes         0.9           Solar lentigines         Ref.           No         Ref.           Yes         0.6           Solar lentigines at melanoma site         Ref.           No         Ref.           Yes         0.6           Actinic keratosis         Ref.           No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         N.C.           No         Ref.           Yes         2.0           ≥ 20         2.9           Atypical melanocytic naevi         Ref.           Yes         2.2           Multiple primary melanomas         Ref.           No         Ref.           Yes         1.5           Family history of pancreatic cancer         Ref.           No         Ref.           Yes         1.5           Family history of cancer <td< td=""><td>Rei.</td><td></td></td<>	Rei.		
Solar lentigines         Ref.           No         Ref.           Yes         0.6           Solar lentigines at melanoma site         Ref.           No         Ref.           Yes         0.6           Actinic keratosis         Ref.           No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         N.C.           No         Ref.           Yes         2.0           Personal history of SCC         Ref.           No         Ref.           Yes         2.2           Atypical melanocytic naevi         2.2           20         2.9           Atypical melanocytic naevus         Ref.           No         Ref.           Yes         2.2           Multiple primary melanomas         Ref.           No         Ref.           Yes         1.5           Family history of cancer	Ref.	0.880	
No         Ref.           Yes         0.6           Solar lentigines at melanoma site         Ref.           No         Ref.           Yes         0.6           Actinic keratosis         Ref.           No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         No           No         Ref.           Yes         2.2           Common melanocytic naevi         2.2           Yes         2.9           Atypical melanocytic naevus         Ref.           No         Ref.           Yes         2.2           Multiple primary melanomas         Ref.           No         Ref.           Yes         1.5           Family history of pancreatic cancer         Ref.           No         Ref.           Yes         1.5           Family history of cancer         Ref.           No	0.3-3.1		
Yes         0.6           Solar lentigines at melanoma site         Ref.           No         Ref.           Yes         0.6           Actinic keratosis         Ref.           No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         N.C.           No         Ref.           Yes         2.2           Common melanocytic naevi         Ref.           < 20	Ref.	0.381	
No         Ref.           Yes         0.6           Actinic keratosis         Ref.           No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         N.C.           No         Ref.           Yes         2.0           Common melanocytic naevi         Ref.           ≥20         2.9           Atypical melanocytic naevus         Ref.           No         Ref.           Yes         2.2           Multiple primary melanomas         Ref.           No         Ref.           Yes         1.5           Family history of pancreatic cancer         Ref.           No         Ref.           Yes         1.5           Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Ref.           Head/neck	0.2-2.0	0.301	
Yes         0.6           Actinic keratosis         Ref.           No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         N.C.           No         Ref.           Yes         2.0           Common melanocytic naevi         2.9           4typical melanocytic naevus         Ref.           No         Ref.           Yes         2.2           Multiple primary melanomas         Ref.           No         Ref.           Yes         7.1           Family history of pancreatic cancer         Ref.           No         Ref.           Yes         1.5           Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Head/neck           Upper extremity (hand excluded)         0.5           Trunk         0.6			
Actinic keratosis  No Ref. Yes 1.9  Second non-cutaneous neoplasia  No Ref. Yes 1.4  Personal history of BCC  No Ref. Yes 5.0  Personal history of SCC  No N.C. Yes 5.0  Personal history of SCC  No Ref. Yes 5.0  Personal history of SCC  No Ref. Yes 2.0  Atypical melanocytic naevi  Action Ref. Yes 2.2  Atypical melanocytic naevus  No Ref. Yes 2.2  Multiple primary melanomas  No Ref. Yes 7.1  Family history of pancreatic cancer  No Ref. Yes 1.5  Family history of cancer  No Ref. Yes 1.5  Family history of cancer  No Ref. Yes 1.0  Site of first primary melanoma  Head/neck Ref. Upper extremity (hand excluded)  Trunk 0.6  Lower extremity (foot excluded)  Acral (hand/foot)  Stage at diagnosis  In situ Ref. Localized disease (stage I/II) Locoregional (stage IIII) Distant metastases (stage IV)  Lentigo maligno melanoma  Ref. Superficial spreading melanoma  Nodular melanoma  Ref. Superficial spreading melanoma  Nodular melanoma  0.9	Ref. 0.2-1.7	0.308	
No         Ref.           Yes         1.9           Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         N.C.           No         N.C.           Yes         2.2           Common melanocytic naevi         Ref.           < 20	0.2-1.7		
Second non-cutaneous neoplasia         Ref.           No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         S.0           Personal history of SCC         N.C.           No         N.C.           Yes         N.C.           Common melanocytic naevi         Ref.           <20	Ref.	0.457	
No         Ref.           Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         N.C.           No         N.C.           Yes         2.0           Common melanocytic naevi         Ref.           ≥20         2.9           Atypical melanocytic naevus         Ref.           No         Ref.           Yes         2.2           Multiple primary melanomas         Ref.           No         Ref.           Yes         1.5           Family history of pancreatic cancer         Ref.           No         Ref.           Yes         1.5           Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Ref.           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         In	0.4-10.4		
Yes         1.4           Personal history of BCC         Ref.           No         Ref.           Yes         5.0           Personal history of SCC         N.C.           No         N.C.           Yes         2.0           Common melanocytic naevis         Ref.           ≥20         2.9           Atypical melanocytic naevus         Ref.           No         Ref.           Yes         2.2           Multiple primary melanomas         Ref.           No         Ref.           Yes         1.5           Family history of pancreatic cancer         Ref.           No         Ref.           Yes         1.5           Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Ref.           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Ref.           In situ         <	Ref.	0.659	
No       Ref.         Yes       5.0         Personal history of SCC       N.C.         No       N.C.         Yes          Common melanocytic naevi       Ref.         <20	0.3-5.5	0.033	
Yes         5.0           Personal history of SCC         N.C.           No         N.C.           Yes         N.C.           Common melanocytic naevi         Ref.           <20			
Personal history of SCC         No         N.C.         Yes         Yes         N.C.         Yes         X.C.         Yes         X.C.         Yes         X.C.         X.C. <td>Ref. 1.0-24.7</td> <td>0.051</td>	Ref. 1.0-24.7	0.051	
No       Yes         Common melanocytic naevi       Ref.         <20	1.0 21.7		
Common melanocytic naevi       Ref.         <20	N.C.	N.C.	
<20			
Atypical melanocytic naevus  No Ref. Yes 2.2  Multiple primary melanomas  No Ref. Yes 7.1  Family history of pancreatic cancer  No Ref. Yes 1.5  Family history of cancer  No Ref. Yes 1.5  Family history of cancer  No Ref. Yes 1.5  Family history of cancer  No Ref. Yes 1.0  Site of first primary melanoma  Head/neck Ref. Upper extremity (hand excluded)  Trunk 0.6  Lower extremity (foot excluded)  Acral (hand/foot)  Stage at diagnosis  In situ Ref.  Localized disease (stage I/II)  Locoregional (stage III)  Distant metastases (stage IV)  Histological type  Lentigo maligno melanoma  Superficial spreading melanoma  Nodular melanoma  1.1  Nodular melanoma  O .9	Ref.	0.069	
No         Ref.           Yes         2.2           No         Ref.           Yes         7.1           Family history of pancreatic cancer         Ref.           No         Ref.           Yes         1.5           Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Ref.           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Ref.           In situ         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         4.0           Distant metastases (stage IV)         -           Histological type         Lentigo maligno melanoma         Ref.           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	0.9-9.3		
Yes         2.2           Multiple primary melanomas         Ref.           No         Ref.           Yes         7.1           Family history of pancreatic cancer         Ref.           No         Ref.           Yes         1.5           Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Ref.           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Ref.           In situ         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         4.0           Distant metastases (stage IV)         -           Histological type         Lentigo maligno melanoma         Ref.           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	Ref.	0.167	
No         Ref.           Yes         7.1           Family history of pancreatic cancer         Ref.           No         Ref.           Yes         1.5           Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Ref.           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Ref.           In situ         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         5.3           Distant metastases (stage IV)         -           Histological type         Lentigo maligno melanoma         Ref.           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	0.7-6.8	0.107	
Yes         7.1           Family history of pancreatic cancer         Ref.           No         Ref.           Yes         1.5           Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Ref.           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         5.3           Locoregional (stage III)         -           Distant metastases (stage IV)         -           Histological type         Lentigo maligno melanoma         Ref.           Superficial spreading melanoma         1.1           Nodular melanoma         0.9			
Family history of pancreatic cancer         Ref.           No         Ref.           Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Ref.           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Fef.           In situ         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         4.0           Distant metastases (stage IV)         -           Histological type         Lentigo maligno melanoma         Ref.           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	Ref. 2.1-23.6	0.001	
No         Ref.           Yes         1.5           Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Ref.           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Ref.           In situ         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         5.3           Distant metastases (stage IV)         -           Histological type         Lentigo maligno melanoma         Ref.           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	2.1-23.0		
Family history of cancer         Ref.           No         Ref.           Yes         1.0           Site of first primary melanoma         Kef.           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         5.3           Locoregional (stage III)         -           Distant metastases (stage IV)         -           Histological type         Lentigo maligno melanoma         Ref.           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	Ref.	0.747	
No         Ref.           Yes         1.0           Site of first primary melanoma         1.0           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Fef.           Localized disease (stage I/II)         Ref.           Localized disease (stage III)         4.0           Distant metastases (stage IV)         -           Histological type         Lentigo maligno melanoma           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	0.2-13.9		
Yes         1.0           Site of first primary melanoma         Ref.           Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Fef.           In situ         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         5.3           Distant metastases (stage IV)         -           Histological type         -           Lentigo maligno melanoma         Ref.           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	Ref.	0.947	
Head/neck         Ref.           Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         4.0           Distant metastases (stage IV)         -           Histological type         Lentigo maligno melanoma           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	0.4-3.0	0.5 .7	
Upper extremity (hand excluded)         0.5           Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         In situ         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         4.0           Distant metastases (stage IV)         -           Histological type         Lentigo maligno melanoma           Superficial spreading melanoma         1.1           Nodular melanoma         0.9			
Trunk         0.6           Lower extremity (foot excluded)         0.2           Acral (hand/foot)         0.8           Stage at diagnosis         In situ         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         -           Distant metastases (stage IV)         -           Histological type         -           Lentigo maligno melanoma         Ref.           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	Ref. 0.1-4.5	0.811	
Acral (hand/foot)       0.8         Stage at diagnosis       Ref.         In situ       Ref.         Localized disease (stage I/II)       5.3         Locoregional (stage III)       4.0         Distant metastases (stage IV)       -         Histological type       Ref.         Lentigo maligno melanoma       Ref.         Superficial spreading melanoma       1.1         Nodular melanoma       0.9	0.1-3.2		
Stage at diagnosis  In situ  Localized disease (stage I/II)  Locoregional (stage III)  Distant metastases (stage IV)  Histological type  Lentigo maligno melanoma  Superficial spreading melanoma  Nodular melanoma  0.9	0.1-2.6		
In situ         Ref.           Localized disease (stage I/II)         5.3           Locoregional (stage III)         4.0           Distant metastases (stage IV)         -           Histological type         Ref.           Lentigo maligno melanoma         Ref.           Superficial spreading melanoma         1.1           Nodular melanoma         0.9	0.1-11.3		
Locoregional (stage IIĪ) 4.0 Distant metastases (stage IV) - Histological type Lentigo maligno melanoma Ref. Superficial spreading melanoma 1.1 Nodular melanoma 0.9	Ref.	0.292	
Distant metastases (stage IV)	0.7-43.0		
Histological type  Lentigo maligno melanoma Superficial spreading melanoma 1.1 Nodular melanoma 0.9	0.3-49.1		
Superficial spreading melanoma 1.1 Nodular melanoma 0.9			
Nodular melanoma 0.9	Ref.	0.949	
	0.1-10.0 0.0-16.9		
Acral lentiginous melanoma 3.0	0.1-73.6		
Other/non-specified N.C.	N.C.		
Solar elastosis No N.C.	N.C.	N.C.	
Yes N.C.	IV.C.	IV.C.	
R variants in MC1R		0.0	
No Ref. Yes 1.0	Ref. 0.3-3.5	0.990	

Ref.: reference category; N.C.: not calculable; BCC: basal cell carcinoma; SCC: squamous cell carcinoma; RHC: red hair colour.