

Table SI. Odds ratios (ORs) and 95% confidence intervals (95% CIs)^a for the association between phenotypic characteristics and T category for women with incident primary melanoma in the Norwegian Women and Cancer (NOWAC) cohort

Phenotypic characteristics	Cases, n ^b	Complete case analysis n = 897		Multiple imputation n = 1,140
		Crude OR (95% CI)	Adjusted OR (95% CI) ^c	Adjusted OR (95% CI) ^d
Skin colour				
Dark	62	1.00	1.00	1.00
Medium	411	0.70 (0.42–1.17)	0.53 (0.30–0.94)	0.56 (0.29–0.97)
Light	424	0.69 (0.41–1.15)	0.60 (0.34–1.06)	0.57 (0.32–1.02)
Skin reaction to acute sun exposure^e				
Brown	80	1.00	1.00	1.00
Red	326	0.82 (0.55–1.22)	0.88 (0.49–1.59)	0.91 (0.36–1.64)
Red with pain	123	0.68 (0.43–1.08)	0.55 (0.24–1.23)	0.62 (0.28–1.35)
Red with pain and blisters	24	0.60 (0.27–1.31)	0.52 (0.16–1.78)	0.61 (0.18–1.81)
Skin reaction to chronic sun exposure^e				
Deep brown	41	1.00	1.00	1.00
Brown	277	0.89 (0.51–1.53)	0.90 (0.48–1.68)	0.89 (0.43–1.55)
Light brown/never brown	218	0.94 (0.54–1.65)	0.84 (0.44–1.90)	0.80 (0.46–2.02)
Eye colour				
Brown	85	1.00	1.00	1.00
Green/grey/mixed	344	0.87 (0.57–1.31)	0.76 (0.47–1.21)	0.79 (0.51–1.22)
Blue	451	0.79 (0.53–1.19)	0.65 (0.41–1.03)	0.62 (0.39–1.01)
Hair colour				
Black/dark brown	94	1.00	1.00	1.00
Brown	274	0.68 (0.45–1.02)	0.69 (0.43–1.10)	0.66 (0.37–1.07)
Blond/yellow	439	0.68 (0.47–0.99)	0.73 (0.47–1.13)	0.67 (0.44–1.08)
Red	75	0.62 (0.36–1.08)	0.70 (0.38–1.30)	0.67 (0.33–1.19)
Freckling when sunbathing				
No	466	1.00	1.00	1.00
Yes	386	0.89 (0.68–1.15)	1.10 (0.81–1.47)	1.15 (0.79–1.63)
Pigmentary score				
Dark	64	1.00	1.00	1.00
Medium	508	0.79 (0.51–1.20)	0.56 (0.34–0.93)	0.58 (0.33–0.95)
Fair	261	0.55 (0.33–0.91)	0.51 (0.30–0.88)	0.54 (0.31–0.94)
Large asymmetrical naevi on arms/legs				
0	606	1.00	1.00	1.00
1	94	0.83 (0.56–1.24)	0.81 (0.52–1.26)	0.85 (0.61–1.33)
≥2	126	1.28 (0.91–1.80)	1.25 (0.85–1.84)	1.23 (0.84–1.79)
Small symmetrical naevi on arms/legs^e				
0	47	1.00	1.00	1.00
1–10	158	1.79 (0.95–3.40)	1.80 (0.79–4.09)	1.83 (0.88–4.38)
11–50	207	1.24 (0.67–2.34)	1.79 (0.78–4.08)	1.86 (0.93–4.26)
≥51	122	1.61 (0.83–3.12)	2.41 (1.02–5.71)	2.37 (1.01–6.46)
Trend ^f		1.02 (0.86–1.22)	1.22 (0.98–1.52)	1.20 (0.99–1.76)
Small symmetrical naevi/pigmentary score				
< 50/Darker	82	1.00	1.00	1.00
≥ 51/Darker	23	1.70 (0.72–4.01)	2.76 (1.05–7.28)	2.81 (1.02–8.93)
< 50/Fairer	297	1.08 (0.66–1.77)	1.16 (0.66–2.02)	1.23 (0.61–2.88)
≥ 51/Fairer	88	1.15 (0.63–2.07)	1.61 (0.82–3.16)	1.58 (0.80–3.62)
p for interaction		0.28	0.20	

^aOrdinal logistic regression. ^bNumbers may not add up to the total, due to missing data. ^cAdjusted for birth-cohort, age at diagnosis, education, place of residence, site of melanoma, and subtype. ^dMultiple imputation of covariates in multivariable analyses conducted with chained equations, and 30 imputed data sets were generated. Model is adjusted for all variables in the complete-case analysis. ^eRecorded for subsamples of the cohort. ^fEstimation of linear trend conducted by treating the variable "Small symmetrical naevi on arms/legs" (with categories 0, 1–10, 11–50, ≥51) as continuous in the model.