

Supplementary Online Content

Heckman CJ, Handorf E, Auerback MV. Prevalence and correlates of skin cancer screening among indoor tanners and nontanners. *JAMA Dermatol*. Published online April 4, 2018. doi:10.1001/jamadermatol.2018.0163

eTable 1. Participant characteristics

eTable 2. Univariable and multivariable logistic regression analyses examining correlates of skin cancer screening by indoor tanning status

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Participant characteristics

Variable	Full Sample %^a
Internet use	
Yes	77.19
Missing	1.63
Email use	
Yes	68.15
Missing	1.86
Worried about monthly bills	
Very worried	10.07
Moderately worried	18.39
Not too worried	27.25
Not worried at all	44.14
Worried about paying medical bills if sick or accident	
Very worried	14.94
Somewhat worried	30.98
Not at all worried	53.88
Looked up health info on internet in past 12 months	50.88
Available place to go when sick or need health advice	
Clinic/doctor's office	82.21
Hospital	1.93
Other/no usual place	14.18
Usual place to go for routine/preventative healthcare	
No routine/preventative care	9.13
Outpatient doctor's office or clinic	86.27
Hospital	2.00
Other/no usual place	2.54
Emergency department visit in past 12 months	18.71
Ever had cancer (other than skin)	5.88
History of melanoma in first-degree relative	2.36
Missing	1.34
History of non-melanoma or unknown skin cancer type in first-degree relative	4.70
Missing	1.34
Sun protection scale (shade, clothing, sunscreen)	
1-1.9 (always)	3.36
2-2.9 (most of the time)	15.24
3-3.9 (sometimes)	41.59
4-5 (rarely, never)	32.86
Don't go out in the sun	6.84
Sun protection factor used most often	
1-14	35.05
15-29	9.18
30-49	28.24
50+	16.99
Don't go out in the sun	5.09
Missing	5.45
Number of sunburns in past 12 months	
0	65.38
1	16.32
2+	17.94

eTable 1. Continued

Variable	Full Sample %
Skin's reaction to 1 hour of sun exposure	
Severe sunburn with blisters	7.38
Moderate sunburn with peeling	21.66
Burn mildly with some or no darkening/tanning	23.12
Turn darker without sunburn	24.67
Nothing would happen	15.41
Do not go out in the sun	6.78
Skin's reaction to repeated sun exposure over 2 weeks	
Very dark or deeply tanned	12.40
Dark/moderately tanned	30.26
A little dark/mildly tanned	30.41
Freckled but still light skinned	5.24
Burned repeatedly, little or no darkening/tanning	11.55
Don't go out in the sun	8.08
Missing	2.07
Self-applied sunless tanners in past 12 months	5.17
Spray tanning at salon/other business in past 12 months	1.71

^a Missing data are reported only when $\geq 1\%$ of responses were missing.

eTable 2. Univariable and multivariable logistic regression analyses examining correlates of skin cancer screening by indoor tanning status^{a, b}

Variable	Ever Indoor Tanners		Non-Tanners	
	% Screened ^c	OR (95% CI) ^d <i>MV adjusted</i>	% Screened ^c	OR (95% CI) ^d <i>MV adjusted</i>
Sex				
Female	31.13	1.13 (0.86-1.43)	21.14	1.02 (0.92-1.12)
Male	27.65	ref	18.03	ref
Employment status				
Working	30.08	ref	22.02	ref
Not working	30.47	0.97 (0.77-1.21)	17.84	0.96 (0.85-1.09)
Family member with health insurance				
Yes	30.86	ref	20.13	ref
No	11.73	0.59 (0.24-1.42)	7.16	0.87 (0.62-1.21)
Sexual orientation				
Heterosexual	29.99	ref	19.53	ref
Not Heterosexual	33.00	1.65 (1.00-2.73)	19.87	1.16 (0.87-1.53)
Marital status				
Married or living with partner	32.46	ref	22.20	ref
Widowed/divorced/separated	28.86	1.03 (0.82-1.29)	22.93	1.06 (0.94-1.18)
Never married	22.00	1.15 (0.84-1.55)	10.39	1.03 (0.87-1.21)
Internet use				
Yes	30.83	ref	20.79	ref
No	21.05	0.76 (0.49-1.18)	15.47	1.11 (0.92-1.34)
Worried about monthly bills				
Very worried	17.39	ref	12.07	ref
Moderately worried	27.49	1.49 (0.99-2.25)	14.75	0.95 (0.77-1.18)
Not too worried	30.58	1.49 (0.98-2.28)	18.06	0.92 (0.74-1.13)
Not worried at all	33.19	1.43 (0.94-2.16)	24.20	1.04 (0.84-1.30)
Availability of a place to go when sick or in need of health advice				
Clinic/doctor's office	32.72	ref	22.00	ref
Hospital	19.80	2.14 (0.49-9.34)	10.62	1.09 (0.64-1.85)
Other/no usual place	16.31	0.67 (0.47-0.96)	8.12	0.80 (0.62-1.02)
Number of sunburns in past 12 months				
0	30.81	ref	22.84	ref
1	33.15	0.80 (0.62-1.03)	20.59	0.92 (0.77-1.10)
2+	26.72	0.85 (0.67-1.07)	18.57	0.94 (0.81-1.09)
Skin's reaction to 1 hour of sun exposure				
Severe sunburn with blisters	31.63	ref	31.92	ref
Moderate sunburn with peeling	34.21	1.33 (0.93-1.89)	25.40	0.90 (0.74-1.09)
Burn mildly with some or no darkening/tanning	29.93	1.07 (0.76-1.52)	22.77	0.82 (0.68-1.00)
Turn darker without sunburn	25.50	1.19 (0.80-1.78)	14.43	0.79 (0.64-0.97)
Nothing would happen	24.62	1.27 (0.78-2.06)	12.12	0.80 (0.64-1.00)
Do not go out in the sun	31.78	1.92 (0.71-5.17)	16.94	0.70 (0.54-1.46)

eTable 2. Continued

Variable	Ever Indoor Tanners		Non-Tanners	
	% Screened ^c	OR (95% CI) ^d <i>MV adjusted</i>	% Screened ^c	OR (95% CI) ^d <i>MV adjusted</i>
Skin's reaction to repeated sun exposure over 2 weeks				
Very dark or deeply tanned	24.85	ref	14.02	ref
Dark/moderately tanned	27.84	0.94 (0.67-1.32)	19.34	1.06 (0.90-1.25)
A little dark/mildly tanned	30.65	0.95 (0.67-1.35)	17.60	0.86 (0.72-1.03)
Freckled but still light skinned	30.67	0.87 (0.54-1.40)	28.60	1.15 (0.89-1.48)
Burned repeatedly with little or no darkening/tanning	39.30	1.28 (0.86-1.88)	29.13	1.10 (0.90-1.34)
Don't go out in the sun	27.09	0.54 (0.20-1.46)	18.20	1.09 (0.79-1.49)

^a OR = odds ratio, CI = confidence interval, ref = reference group.

^b A separate category for missing data was included for each categorical variable with missing data. These categories are not reported in the table.

^c Associations with skin cancer screening significant at $p < 0.01$ in unadjusted univariable models are denoted using bold font (i.e., the proportion of individuals who were screened differed significantly among categories within a variable).

^d Associations with skin cancer screening significant at $p < 0.01$ in adjusted multivariable models are also denoted using bold font. This table only presents variables found to not have significant associations in indoor tanners or non-tanners in the multivariable analyses. Results for significant variables are presented in Table 2. Significant variables included: age, race, ethnicity, email use, worry about paying medical bills, looking up health information online, having a usual place to go for routine healthcare, emergency department visits, cancer history, family skin cancer history, sun protection and SPF use, and sunless tanning (self-applied and professional).