

Perceived health impacts of climate change in German kindergartens and implications for skin cancer prevention: an exploratory online survey

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supplementary material SI 7:

Table A3 Post-hoc exploratory regression analysis of individual climate-related measure domains, and **Table A4** Joint tests of the seven measure domains

Table A3 Post-hoc exploratory regression analyses of individual climate-related measure domains^a

Measure domain	D1: Perceived health threat <i>B</i> (95% CI)	<i>p</i>	D2: Heat- and UV-related burden <i>B</i> (95% CI)	<i>p</i>	D3: Other climate-related health burdens <i>B</i> (95% CI)	<i>p</i>
UV radiation	0.037 (-0.049, 0.123)	0.397	0.135 (0.053, 0.217)	0.001	-0.072 (-0.154, 0.011)	0.089
Heat	-0.041 (-0.114, 0.032)	0.269	-0.002 (-0.069, 0.066)	0.961	-0.036 (-0.105, 0.034)	0.314
Extreme weather	0.090 (-0.008, 0.188)	0.071	0.081 (-0.018, 0.180)	0.107	0.170 (0.076, 0.263)	<.001
Air pollution	-0.061 (-0.142, 0.019)	0.134	-0.071 (-0.148, 0.006)	0.071	0.011 (-0.066, 0.089)	0.774
Allergens	-0.010 (-0.099, 0.079)	0.823	0.015 (-0.071, 0.101)	0.727	0.111 (0.024, 0.198)	0.013
Infectious diseases	-0.001 (-0.073, 0.072)	0.988	-0.024 (-0.093, 0.045)	0.501	0.109 (0.039, 0.179)	0.002
Psychological stress	0.095 (-0.037, 0.228)	0.160	-0.053 (-0.181, 0.075)	0.418	-0.016 (-0.142, 0.111)	0.806

^a Values are unstandardized regression coefficients (*B*) with HC3 heteroskedasticity-robust 95% confidence intervals (CI). All seven measure domains were entered simultaneously into each model instead of the total number of climate-related measures. Models were adjusted for the same participant, facility, climate-related, and regional characteristics as the primary regression models. All models included *n* = 3358 observations.

Table A4 Joint tests of the seven measure domains^a

Outcome	Robust <i>F</i>	<i>df</i>	<i>p</i>
D1: Perceived health threat	1.31	7, 3332	0.240
D2: Heat- and UV-related burden	2.41	7, 3332	0.019
D3: Other climate-related health burdens	7.22	7, 3332	<.001

^a Joint HC3-robust tests assess whether the coefficients of the seven individual measure domains are simultaneously equal to zero.