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Supplemental Material

Table S1: Associations between Time-varying Skin Tone Discrimination and Incident Cardiovascular Disease

		HR (95 % CI)				
		Model 1 [†]	Model 2 [‡]	Model 3 [§]	Model 4	Model 5 [#]
Cardiovascular Disease*						
In-group discrimination						
	No difference	1.00	1.00	1.00	1.00	1.00
	Better	1.47 (1.06, 1.98)	1.42 (1.03, 1.92)	1.38 (1.00, 1.87)	1.39 (1.01, 1.89)	1.44 (1.04, 1.95)
	Worse	0.85 (0.58, 1.21)	0.88 (0.60, 1.25)	0.87 (0.59, 1.24)	0.86 (0.58, 1.22)	0.88 (0.60, 1.25)
Out-group discrimination						
	No difference	1.00	1.00	1.00	1.00	1.00
	Better	1.16 (0.88, 1.50)	1.09 (0.83, 1.42)	1.06 (0.81, 1.38)	1.08 (0.82, 1.41)	1.07 (0.82, 1.40)
	Worse	0.74 (0.48, 1.08)	0.84 (0.55, 1.24)	0.81 (0.53, 1.20)	0.81 (0.52, 1.19)	0.81 (0.53, 1.20)
Stroke						
In-group discrimination						
	No difference	1.00	1.00	1.00	1.00	1.00
	Better	1.53 (0.97, 2.34)	1.50 (0.95, 2.29)	1.45 (0.91, 2.22)	1.47 (0.92, 2.27)	1.51 (0.94, 2.32)
	Worse	0.87 (0.49, 1.43)	0.90 (0.51, 1.49)	0.89 (0.51, 1.48)	0.89 (0.50, 1.46)	0.90 (0.51, 1.49)
Out-group discrimination						
	No difference	1.00	1.00	1.00	1.00	1.00
	Better	0.93 (0.62, 1.37)	0.87 (0.58, 1.28)	0.86 (0.57, 1.26)	0.90 (0.60, 1.33)	0.89 (0.59, 1.32)
	Worse	0.52 (0.25, 0.95)	0.62 (0.30, 1.14)	0.60 (0.29, 1.11)	0.61 (0.30, 1.12)	0.61 (0.30, 1.12)
Coronary Heart Disease (CHD)						
In-group discrimination						
	No difference	1.00	1.00	1.00	1.00	1.00
	Better	1.34 (0.88, 1.98)	1.29 (0.85, 1.91)	1.27 (0.83, 1.88)	1.28 (0.84, 1.90)	1.32 (0.86, 1.96)
	Worse	0.74 (0.44, 1.18)	0.77 (0.46, 1.23)	0.76 (0.45, 1.22)	0.75 (0.44, 1.19)	0.77 (0.45, 1.24)
Out-group discrimination						
	No difference	1.00	1.00	1.00	1.00	1.00
	Better	1.28 (0.91, 1.78)	1.21 (0.86, 1.68)	1.17 (0.83, 1.63)	1.17 (0.83, 1.64)	1.17 (0.83, 1.64)
	Worse	0.95 (0.57, 1.50)	1.06 (0.64, 1.69)	1.03 (0.61, 1.63)	1.01 (0.61, 1.61)	1.03 (0.61, 1.64)
Heart Failure (HF)						
In-group discrimination						
	No difference	1.00	1.00	1.00	1.00	1.00
	Better	1.35 (0.96, 1.87)	1.31 (0.93, 1.81)	1.24 (0.88, 1.72)	1.28 (0.91, 1.78)	1.33 (0.94, 1.84)
	Worse	0.88 (0.59, 1.26)	0.89 (0.59, 1.28)	0.83 (0.56, 1.20)	0.83 (0.55, 1.19)	0.85 (0.57, 1.23)
Out-group discrimination						
	No difference	1.00	1.00	1.00	1.00	1.00
	Better	1.11 (0.83, 1.46)	1.01 (0.76, 1.34)	0.99 (0.74, 1.31)	0.97 (0.73, 1.29)	0.97 (0.73, 1.28)
	Worse	0.85 (0.56, 1.25)	1.11 (0.73, 1.63)	1.10 (0.72, 1.62)	1.07 (0.70, 1.58)	1.09 (0.71, 1.60)

Abbreviations: HR, Hazards ratio; CI, confidence interval.

Cardiovascular Disease: n = 282; Censored: n = 3237; Total N = 3519

Stroke: n = 136; Censored: n = 3383; Total N = 3519

Coronary Heart Disease: n = 172; Censored: n = 3347; Total N = 3519

Heart Failure: n = 258; Censored: n = 3261; Total N = 3519

*Cardiovascular disease: Based on stroke and coronary heart disease variables

[†]Model 1: unadjusted

[‡]Model 2: Adjusted for age, sex

[§]Model 3: Adjusted for model 2 + education, income, occupation

^{||}Model 4: Adjusted for model 3 + alcohol intake, smoking status, physical activity, diet, body mass index

[#]Model 5: Adjusted for model 4 + hypertension status and diabetes status