

As was the case in Study 1, confirmatory factor analysis on our index of unhealthy behavior shows that not all variables load in a single factor nor is there a clear structure of several underlying factors while the Cronbach's alpha is low at 0.20. Since this shows that the several forms of unhealthy behavior are not very related to each other, we present the following separate analyses further showing how material class and subjective social status are associated with several forms of behavior.

S3 Table. Material Class and Subjective Social Status regressed on Unhealthy Behaviors including control variables

<i>Too little exercise (N: 6275)</i>	1A	1B	1C	1D	1E
Constant	23.492 (10.38)***	13.311 (6.30)***	21.102 (9.61)***	44.526 (26.69)***	22.618 (10.36)***
Material Class					
Administrative Class (Ref.)	-	-	-	-	
Professional/Executive Class	1.281 (0.13)*	1.014 (0.12)	1.020 (0.12)	0.436 (0.15)*	
Clerical/Support Class	1.868 (0.39)**	1.236 (0.28)	1.289 (0.29)	1.344 (1.108)	
Gender					
Male (Ref.)	-	-	-	-	-
Female	1.874 (0.25)***	1.918 (0.26)***	1.905 (0.26)***	1.904 (0.26)***	1.892 (0.26)***
Education					
No post-secondary education (Ref.)	-	-	-	-	-
Post-secondary education	1.235 (0.13)*	1.349 (0.14)**	1.336 (0.14)**	1.307 (0.14)*	1.315 (0.14)*
Marital Status					
Married (Ref.)	-	-	-	-	-
Not-married	1.219 (0.16)	1.152 (0.15)	1.165 (0.15)	1.148 (0.15)	1.159 (0.15)
Age	0.979 (0.01)**	0.978 (0.01)**	0.978 (0.01)**	0.978 (0.01)**	0.978 (0.01)**
Decreasing Subjective Status		1.188 (0.04)***		1.071 (0.05)	
Subjective Status Groups					
Higher status (Ref.)			-		
Middle status			1.434 (0.16)**		
Lower status			1.903 (0.28)***		
Material Class X Subjective Status					
Administrative X Subj status (Ref.)				-	
Professional/Executive X Subj Status				1.224 (0.09)**	
Clerical/Support X Subj Status				1.025 (0.14)	
Class-Status Combinations					
Administrative-Higher status (Ref.)					-
Administrative-Middle status					1.391 (0.20)*
Administrative-Lower status					0.970 (0.22)
Professional-Higher status					0.769 (0.13)
Professional-Middle status					1.385 (0.20)*
Professional-Lower status					2.128 (0.35)***
Clerical-Higher status					3.015 (3.09)
Clerical-Middle status					1.294 (0.44)
Clerical-Lower status					2.463 (0.63)***

Karlson, Holm, Breen-Mediation Analysis					
% of Material social class mediated by Subjective social status Higher Class Middle Class Working Class		- 94.26%* 64.47%**	- 91.36%** 58.25%**		
No consumption of whole wheat bread (N: 6405)	2A	2B	2C	2D	2E
Constant	2.079 (0.53)**	1.698 (0.46)*	1.957 (0.51)*	2.237 (0.78)*	1.985 (0.52)**
Material Class					
Administrative Class (Ref.)	-	-	-	-	
Professional/Executive Class	1.203 (0.07)**	1.141 (0.08)*	1.173 (0.08)*	0.927 (0.18)	
Clerical/Support Class	1.425 (0.14)**	1.281 (0.14)*	1.344 (0.15)**	1.233 (0.47)	
Gender					
Male (Ref.)	-	-	-	-	-
Female	0.748 (0.05)**	0.757 (0.05)**	0.755 (0.05)**	0.756 (0.05)**	0.753 (0.05)**
Education					
No post-secondary education (Ref.)	-	-	-	-	-
Post-secondary education	0.809 (0.05)**	0.829 (0.05)**	0.819 (0.05)**	0.824 (0.05)**	0.817 (0.05)**
Marital Status					
Married (Ref.)	-	-	-	-	-
Not-married	0.830 (0.05)**	0.818 (0.05)**	0.826 (0.06)**	0.817 (0.05)**	0.826 (0.06)**
Age	0.997 (0.00)	0.998 (0.00)	0.997 (0.00)	0.997 (0.00)	0.997 (0.00)
Decreasing Subjective Status		1.042 (0.02)*		1.016 (0.03)	
Subjective Status Groups					
Higher status (Ref.)			-		
Middle status			1.029 (0.07)		
Lower status			1.083 (0.09)		
Material Class X Subjective Status					
Administrative X Subj status (Ref.)				-	
Professional/Executive X Subj Status				1.050 (0.05)	
Clerical/Support X Subj Status				1.017 (0.07)	
Class-Status Combinations					
Administrative-Higher status (Ref.)					-
Administrative-Middle status					0.996 (0.08)
Administrative-Lower status					1.109 (0.17)
Professional-Higher status					1.087 (0.13)
Professional-Middle status					1.218 (0.10)*
Professional-Lower status					1.263 (0.11)**
Clerical-Higher status					1.919 (0.74)
Clerical-Middle status					1.377 (0.26)
Clerical-Lower status					1.406 (0.17)**
Karlson, Holm, Breen-Mediation Analysis					

% of Material social class mediated by Subjective social status Higher Class Middle Class Working Class		- 28.83%* 27.16%*	- 14.03% 12.19%		
No daily consumption of fruits and vegetables (N: 6430)	3A	3B	3C	3D	3E
Constant	3.847 (1.11)***	1.893 (0.58)*	3.268 (0.97)***	11.837 (4.77)***	3.236 (0.97)***
Material Class					
Administrative Class (Ref.)	-	-	-	-	
Professional/Executive Class	1.435 (0.10)***	1.106 (0.08)	1.124 (0.09)	0.842 (0.20)	
Clerical/Support Class	2.734 (0.30)***	1.772 (0.22)***	1.855 (0.22)***	2.222 (0.91)*	
Gender					
Male (Ref.)	-	-	-	-	-
Female	0.436 (0.03)***	0.442 (0.03)***	0.436 (0.03)***	0.440 (0.03)***	0.432 (0.03)***
Education					
No post-secondary education (Ref.)	-	-	-	-	-
Post-secondary education	0.756 (0.05)***	0.820 (0.06)**	0.806 (0.06)**	0.815 (0.06)**	0.809 (0.06)**
Marital Status					
Married (Ref.)	-	-	-	-	-
Not-married	1.450 (0.10)***	1.349 (0.10)***	1.372 (0.10)***	1.349 (0.10)***	1.367 (0.10)***
Age	0.957 (0.00)***	0.957 (0.00)***	0.956 (0.00)***	0.957 (0.00)***	0.957 (0.00)***
Decreasing Subjective Status		1.200 (0.03)***		1.145 (0.03)***	
Subjective Status Groups					
Higher status (Ref.)			-		
Middle status			1.292 (0.10)**		
Lower status			1.959 (0.18)***		
Material Class X Subjective Status					
Administrative X Subj status (Ref.)				-	
Professional/Executive X Subj Status				1.062 (0.05)	
Clerical/Support X Subj Status				0.974 (0.07)	
Class-Status Combinations					
Administrative-Higher status (Ref.)					-
Administrative-Middle status					1.415 (0.14)**
Administrative-Lower status					1.556 (0.27)*
Professional-Higher status					1.116 (0.16)
Professional-Middle status					1.394 (0.14)**
Professional-Lower status					2.372 (0.23)***
Clerical-Higher status					3.822 (1.42)***
Clerical-Middle status					2.334 (0.50)***
Clerical-Lower status					3.604 (0.47)***
Karlson, Holm, Breen-Mediation Analysis					
% of Material social class mediated by Subjective social status					

Higher Class Middle Class Working Class		- 70.29%*** 41.55%***	- 66.26%*** 36.01%***		
Smoking (N: 6467)	4A	4B	4C	4D	4E
Constant	0.454 (0.19)	0.283 (0.12)**	0.362 (0.16)*	1.009 (0.62)	0.363 (0.16)*
Material Class					
Administrative Class (Ref.)	-	-	-	-	
Professional/Executive Class	1.510 (0.16)***	1.252 (0.14)*	1.254 (0.14)*	1.286 (0.45)	
Clerical/Support Class	2.403 (0.35)***	1.837 (0.30)***	1.939 (0.31)***	1.288 (0.68)	
Gender					
Male (Ref.)	-	-	-	-	-
Female	0.910 (0.09)	0.951 (0.10)	0.942 (0.10)	0.954 (0.09)	0.944 (0.10)
Education					
No post-secondary education (Ref.)	-	-	-	-	-
Post-secondary education	0.579 (0.06)***	0.616 (0.07)***	0.621 (0.07)***	0.614 (0.09)***	0.621 (0.07)***
Marital Status					
Married (Ref.)	-	-	-	-	-
Not-married	1.580 (0.15)***	1.509 (0.15)***	1.537 (0.15)***	1.507 (0.15)***	1.538 (0.15)***
Age	0.970 (0.01)***	0.970 (0.01)***	0.970 (0.01)***	0.970 (0.01)***	0.971 (0.01)***
Decreasing Subjective Status		1.131 (0.03)***		1.106 (0.06)	
Subjective Status Groups					
Higher status (Ref.)			-		
Middle status			1.445 (0.18)**		
Lower status			1.642 (0.23)***		
Material Class X Subjective Status					
Administrative X Subj status (Ref.)				-	
Professional/Executive X Subj Status				0.998 (0.07)	
Clerical/Support X Subj Status				1.062 (0.10)	
Class-Status Combinations					
Administrative-Higher status (Ref.)					-
Administrative-Middle status					1.441 (0.24)*
Administrative-Lower status					1.609 (0.43)
Professional-Higher status					1.286 (0.28)
Professional-Middle status					1.816 (0.28)***
Professional-Lower status					2.027 (0.32)***
Clerical-Higher status					1.364 (0.85)
Clerical-Middle status					2.693 (0.71)***
Clerical-Lower status					3.240 (0.58)***
Karlson, Holm, Breen-Mediation Analysis					
% of Material social class mediated by Subjective social status					
Higher Class		-	-		
Middle Class		41.68%***	39.53%**		
Working Class		31.19%***	27.00%**		

	5A	5B	5C	5D	5E
Alcohol Consumption (N: 6429)					
Constant	2.702 (0.79)**	4.673 (1.46)***	3.612 (1.09)***	0.938 (0.37)	3.476 (1.05)***
Material Class					
Administrative Class (Ref.)	-	-	-	-	
Professional/Executive Class	0.763 (0.05)***	0.885 (0.06)	0.862 (0.06)*	0.642 (0.14)*	
Clerical/Support Class	0.354 (0.05)***	0.474 (0.08)***	0.431 (0.07)***	0.138 (0.09)**	
Gender					
Male (Ref.)	-	-	-	-	-
Female	0.308(0.03)***	0.301 (0.03)***	0.303 (0.03)***	0.303 (0.03)***	0.303 (0.03)***
Education					
No post-secondary education (Ref.)	-	-	-	-	-
Post-secondary education	1.008 (0.07)	0.949 (0.06)	0.950 (0.06)	0.933 (0.06)	0.958 (0.07)
Marital Status					
Married (Ref.)	-	-	-	-	-
Not-married	1.184 (0.09)*	1.226 (0.10)*	1.205 (0.10)*	1.221 (0.10)*	1.204 (0.10)*
Age	0.970 (0.00)***	0.968 (0.00)***	0.968 (0.00)***	0.968 (0.00)***	0.968 (0.00)***
Decreasing Subjective Status		0.894 (0.02)***		0.821 (0.04)***	
Subjective Status Groups					
Higher status (Ref.)			-		
Middle status			0.740 (0.05)***		
Lower status			0.717 (0.07)***		
Material Class X Subjective Status					
Administrative X Subj status (Ref.)				-	
Professional/Executive X Subj Status				1.082 (0.05)	
Clerical/Support X Subj Status				1.249 (0.13)*	
Class-Status Combinations					
Administrative-Higher status (Ref.)					-
Administrative-Middle status					0.806 (0.07)*
Administrative-Lower status					0.711 (0.12)*
Professional-Higher status					1.001 (0.13)
Professional-Middle status					0.632 (0.06)***
Professional-Lower status					0.632 (0.06)***
Clerical-Higher status					0.416 (0.26)
Clerical-Middle status					0.247 (0.08)***
Clerical-Lower status					0.343 (0.06)***
Karlson, Holm, Breen-Mediation Analysis					
% of Material social class mediated by Subjective social status					
Higher Class		-	-		
Middle Class		54.37%***	44.50%***		
Working Class		24.94%***	18.75%***		

<i>Wine Consumption (N: 6429)</i>	6A	6B	6B	6D	6E
Constant	0.096 (0.06)***	0.360 (0.23)	0.162 (0.10)**	0.007 (0.01)***	0.163 (0.10)**
Material Class					
Administrative Class (Ref.)	-	-	-	-	
Professional/Executive Class	0.470 (0.07)***	0.687 (0.11)*	0.618 (0.10)**	0.270 (0.13)**	
Clerical/Support Class	0.124 (0.05)***	0.242 (0.10)**	0.187 (0.08)***	0.009 (0.2)**	
Gender					
Male (Ref.)	-	-	-	-	-
Female	1.760 (0.25)***	1.656 (0.24)**	1.663 (0.25)**	1.660 (0.25)**	1.669 (0.24)**
Education					
No post-secondary education (Ref.)	-	-	-	-	-
Post-secondary education	1.725 (0.23)***	1.424 (0.20)*	1.492 (0.21)**	1.375 (0.19)*	1.493 (0.21)**
Marital Status					
Married (Ref.)	-	-	-	-	-
Not-married	0.781 (0.13)	0.900 (0.15)	0.865 (0.15)	0.888 (0.15)	0.862 (0.15)
Age	0.989 (0.01)	0.984 (0.01)	0.984 (0.01)	0.983 (0.01)	0.984 (0.01)
Decreasing Subjective Status		0.750 (0.04)***		0.504 (0.11)***	
Subjective Status Groups					
Higher status (Ref.)			-		
Middle status			0.578 (0.09)***		
Lower status			0.506 (0.10)**		
Material Class X Subjective Status					
Administrative X Subj status (Ref.)				-	
Professional/Executive X Subj Status				1.265 (0.14)*	
Clerical/Support X Subj Status				1.834 (0.51)*	
Class-Status Combinations					
Administrative-Higher status (Ref.)					-
Administrative-Middle status					0.596 (0.10)**
Administrative-Lower status					0.329 (0.14)**
Professional-Higher status					0.598 (0.15)*
Professional-Middle status					0.351 (0.07)***
Professional-Lower status					0.318 (0.07)***
Clerical-Higher status					-
Clerical-Middle status					-
Clerical-Lower status					0.139 (0.06)***
Karlson, Holm, Breen-Mediation Analysis					
% of Material social class mediated by Subjective social status					
Higher Class		-	-		
Middle Class		49.39%***	35.26%***		
Working Class		31.00%***	20.18%***		
<i>Beer Consumption (N: 6429)</i>	7A	7B	7C	7D	7E

Constant	1.744 (1.28)	1.896 (1.48)	1.692 (1.28)	1.361 (1.39)	1.666 (1.27)
Material Class					
Administrative Class (Ref.)	-	-	-	-	-
Professional/Executive Class	1.440 (0.23)*	1.625 (0.29)**	1.646 (0.29)**	2.124 (1.12)	-
Clerical/Support Class	0.781 (0.29)	0.974 (0.39)	0.971 (0.39)	1.222 (2.01)	-
Gender					
Male (Ref.)	-	-	-	-	-
Female	0.009 (0.01)***	0.009 (0.01)***	0.010 (0.01)***	0.010 (0.01)***	0.010 (0.01)***
Education					
No post-secondary education (Ref.)	-	-	-	-	-
Post-secondary education	0.663 (0.11)*	0.677 (0.11)*	0.674 (0.12)*	0.684 (0.12)*	0.680 (0.12)*
Marital Status					
Married (Ref.)	-	-	-	-	-
Not-married	2.669 (0.42)***	2.705 (0.44)***	2.701 (0.44)***	2.707 (0.44)***	2.691 (0.44)***
Age	0.932 (0.01)***	0.934 (0.01)***	0.933 (0.01)***	0.934 (0.01)***	0.933 (0.01)***
Decreasing Subjective Status		0.942 (0.05)		0.985 (0.10)	
Subjective Status Groups					
Higher status (Ref.)			-		
Middle status			0.834 (0.15)		
Lower status			0.766 (0.17)		
Material Class X Subjective Status					
Administrative X Subj status (Ref.)				-	
Professional/Executive X Subj Status				0.937 (0.11)	
Clerical/Support X Subj Status				0.947 (0.25)	
Class-Status Combinations					
Administrative-Higher status (Ref.)					-
Administrative-Middle status					0.902 (0.23)
Administrative-Lower status					0.890 (0.40)
Professional-Higher status					1.892 (0.53)*
Professional-Middle status					1.335 (0.31)
Professional-Lower status					1.358 (0.32)
Clerical-Higher status					-
Clerical-Middle status					2.038 (1.16)
Clerical-Lower status					0.546 (0.27)
Karlson, Holm, Breen-Mediation Analysis					
% of Material social class mediated by Subjective social status					
Higher Class		-	-		
Middle Class		-19.05%	-21.72%		
Working Class		83.33%	86.83%		

Source: Wave 5 of the Whitehall II Study ° p > 0.10 * p < 0.05, ** p < 0.01, *** p < 0.001. Entries represent the results of separate fixed effects logistic regression models