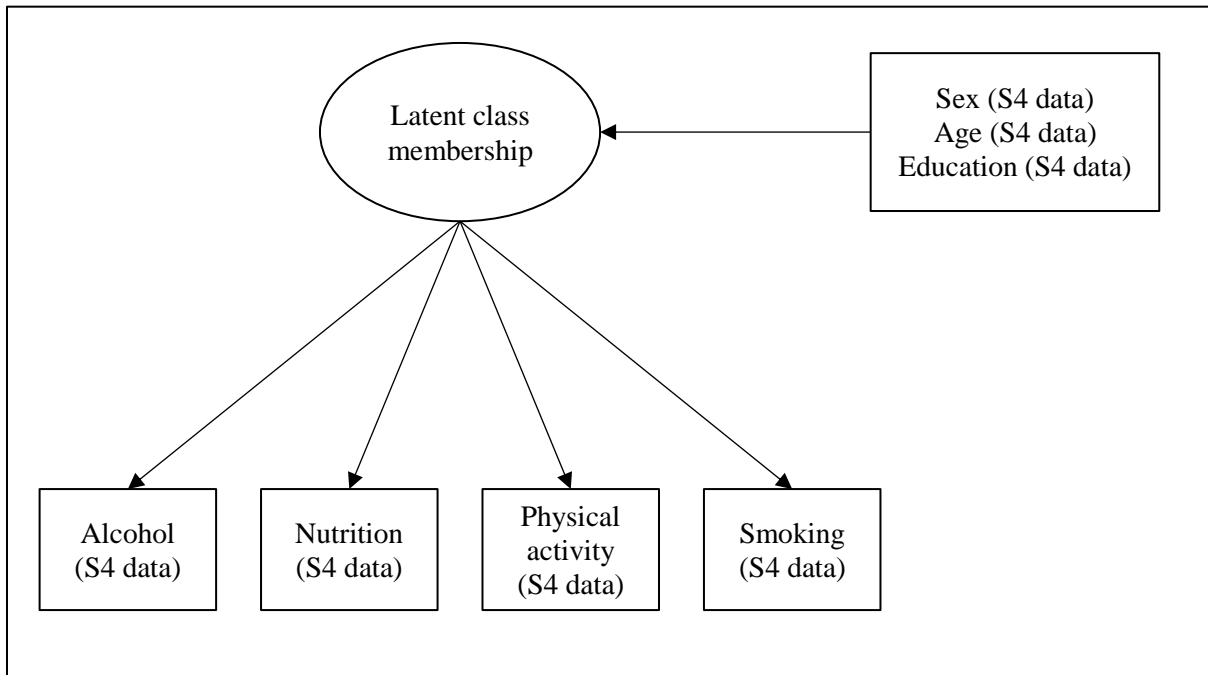
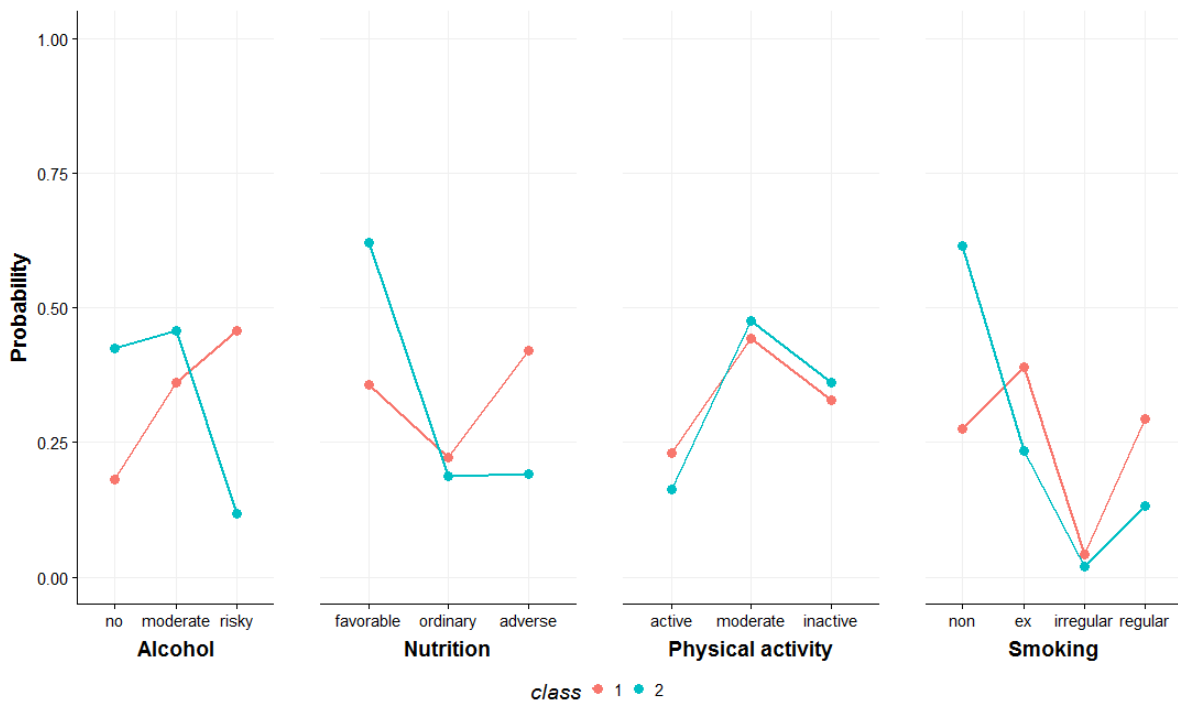


Appendix



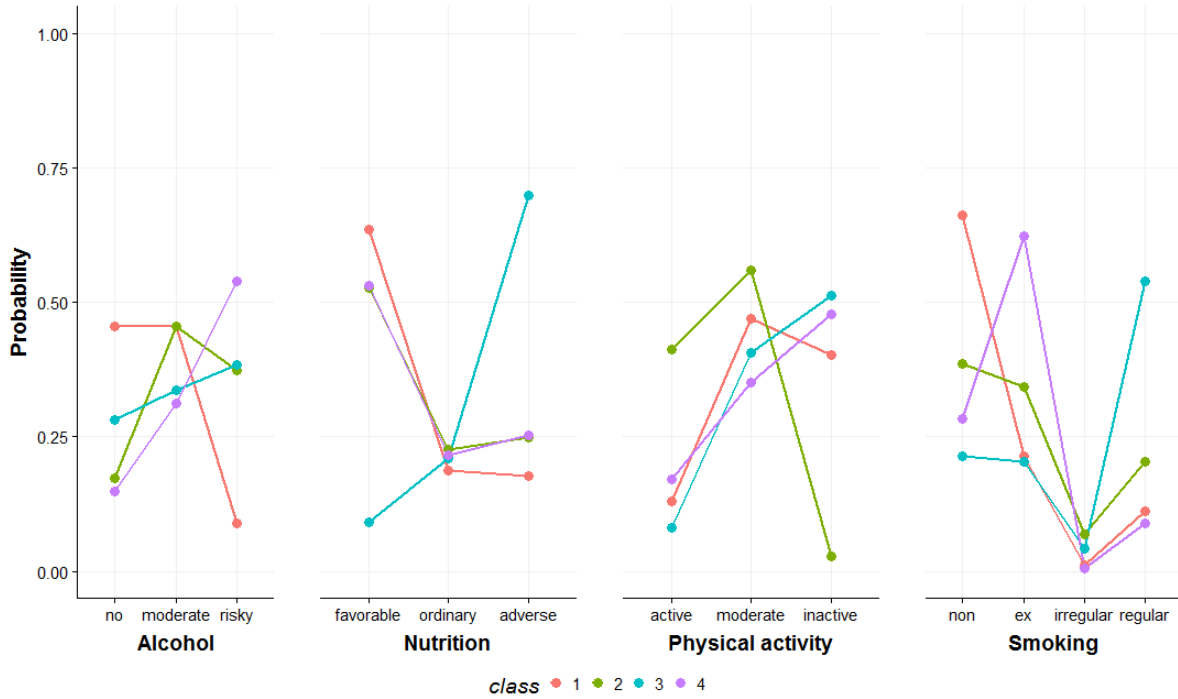
**Figure A1. The latent class regression model.**

A graphical description of the latent class regression model based on baseline (S4) data.



**Figure A2. Two-class-conditional item probabilities.**

The figure shows the probabilities of each health behavior category conditional on latent class membership for a two-class model.



**Figure A3. Four-class-conditional item probabilities.**

The figure shows the probabilities of each health behavior category conditional on latent class membership for a three-class model.

**Table A1. Three-class-conditional item probabilities exact values**

Referring to Figure 3 in the manuscript, this table shows the exact numerical values of the class-conditional item probabilities.

		Class 1	Class 2	Class 3
Alcohol	no	0.133	0.450	0.254
	moderate	0.355	0.469	0.374
	risky	0.512	0.081	0.372
Nutrition	favorable	0.543	0.630	0.200
	ordinary	0.219	0.187	0.221
	adverse	0.237	0.183	0.579
Physical activity	active	0.265	0.155	0.188
	moderate	0.414	0.488	0.466
	inactive	0.321	0.357	0.346
Smoking	non	0.324	0.644	0.258
	ex	0.561	0.208	0.206
	irregular	0.022	0.020	0.057
	regular	0.094	0.128	0.479

**Table A2. Further descriptive statistics on latent classes.**

In addition to the reported information in the manuscript, this table shows further descriptive information concerning the three latent classes.

	<b>Latent Classes</b>		
	<b>I</b>	<b>II</b>	<b>III</b>
<b>Overall sample (n, %)</b>	1366 (32.2)	1562 (36.9)	1310 (30.9)
<b>Male (n, %)</b>	1143 (83.7)	0 (0.0)	932 (71.1)
<b>Female (n, %)</b>	223 (16.3)	1562 (100.0)	378 (28.9)
<b>Age (mean, SD)</b>	56.1 (11.9)	52.4 (13.0)	38.1 (9.8)
<b>Education</b>			
<b>main school (n, %)</b>	610 (44.7)	944 (60.4)	736 (56.2)
<b>middle school (n, %)</b>	281 (20.6)	378 (24.2)	325 (24.8)
<b>grammar school (n, %)</b>	475 (34.8)	240 (15.4)	249 (19.0)
<b>Alcohol consumption</b>			
<b>no (n, %)</b>	153 (11.2)	697 (44.6)	331 (25.3)
<b>moderate (n, %)</b>	447 (32.7)	769 (49.2)	478 (36.5)
<b>risky (n, %)</b>	766 (56.1)	96 (6.1)	501 (38.2)
<b>Nutrition</b>			
<b>good (n, %)</b>	761 (55.7)	997 (63.8)	200 (15.3)
<b>normal (n, %)</b>	306 (22.4)	297 (19.0)	282 (21.5)
<b>bad (n, %)</b>	299 (21.9)	268 (17.2)	828 (63.2)
<b>Physical activity behavior</b>			
<b>active (n, %)</b>	377 (27.6)	241 (15.4)	243 (18.5)

### Clustered Health Behavior Patterns

<b>moderate (n, %)</b>	552 (40.4)	771 (49.4)	609 (46.5)
<b>inactive (n, %)</b>	437 (32.0)	550 (35.2)	458 (35.0)
<b>Smoking behavior</b>			
<b>non (n, %)</b>	432 (31.6)	1009 (64.6)	299 (22.8)
<b>ex (n, %)</b>	830 (60.8)	339 (21.7)	220 (16.8)
<b>irregular (n, %)</b>	18 (1.3)	34 (2.2)	86 (6.6)
<b>regular (n, %)</b>	86 (6.3)	180 (11.5)	705 (53.8)