

Supplementary Table 2. Adjusted odds ratios[‡] (OR) and the 95% confidence interval (CI) from logistic regression for weekly smoking, monthly alcohol use and cannabis ever-use in each city by academic performance and health literacy (HL) and the p-value* for statistical significance of the fixed effect of the variable in the model.

	Amersfoort (NL)		Hanover (GE)		Tampere (FI)	
	Model 1	Model 2	Model 1	Model 2	Model 1	Model 2
<i>Weekly smoking</i>						
Academic performance						
Good	1.00	1.00	1.00	1.00	1.00	1.00
Average	1.25 (0.83–1.90)	1.26 (0.83–1.91)	1.22 (0.72–2.06)	1.11 (0.64–1.90)	2.06 (0.96–4.45)	1.92 (0.85–4.36)
Low	2.68 (1.66–4.34)	2.54 (1.56–4.14)	1.95 (1.01–3.75)	1.80 (0.91–3.56)	10.65 (5.23–21.68)	10.94 (5.15–23.25)
<i>p</i> [*]	< .001	< .001	.129	.206	< .001	< .001
Health literacy						
High	1.00	1.00	1.00	1.00	1.00	1.00
Average	1.18 (0.81–1.71)	1.13 (0.79–1.65)	1.29 (0.68–2.44)	1.22 (0.63–2.34)	0.95 (0.58–1.56)	0.76 (0.45–1.27)
Low	1.89 (0.99–3.63)	1.72 (0.89–3.31)	2.11 (0.94–4.73)	1.70 (0.72–4.02)	2.63 (1.39–4.97)	1.65 (0.85–3.19)
<i>p</i> [*]	.159	.273	.176	.478	.002	.038

<i>Monthly alcohol use</i>						
Academic performance						
Good	1.00	1.00	1.00	1.00	1.00	1.00
Average	1.66 (1.28–2.17)	1.69 (1.29–2.22)	1.73 (1.25–2.41)	1.67 (1.20–2.34)	1.87 (1.20–2.91)	1.73 (1.10–2.73)
Low	3.30 (2.35–4.63)	3.22 (2.28–4.55)	1.76 (1.10–2.83)	1.79 (1.09–2.89)	3.93 (2.50–6.17)	3.77 (2.36–6.02)
<i>p</i> [*]	< .001	< .001	.003	.006	< .001	< .001
Health literacy						
High	1.00	1.00	1.00	1.00	1.00	1.00
Average	1.37 (1.08–1.75)	1.34 (1.04–1.72)	1.18 (0.82–1.70)	1.08 (0.75–1.57)	1.22 (0.85–1.75)	1.06 (0.73–1.52)
Low	1.88 (1.14–3.10)	1.73 (1.04–2.89)	1.10 (0.64–1.92)	0.96 (0.54–1.70)	2.68 (1.58–4.54)	1.85 (1.08–3.19)
<i>p</i> [*]	.010	.028	.669	.842	.001	.060
<i>Cannabis ever-use</i>						
Academic performance						
Good	1.00	1.00	1.00	1.00	1.00	1.00
Average	0.98 (0.69–1.38)	0.96 (0.67–1.37)	1.85 (1.14–3.00)	1.82 (1.11–2.98)	1.11 (0.60–2.06)	1.06 (0.56–1.99)
Low	1.75 (1.15–2.66)	1.67 (1.09–2.56)	3.22 (1.75–5.93)	2.73 (1.43–5.19)	2.60 (1.43–4.73)	2.51 (1.36–4.65)
<i>p</i> [*]	.004	.010	.001	.007	.001	.002

Health literacy						
High	1.00	1.00	1.00	1.00	1.00	1.00
Average	1.04 (0.76–1.42)	1.01 (0.74–1.39)	1.38 (0.82–2.34)	1.35 (0.78–2.33)	1.25 (0.76–2.05)	1.16 (0.70–1.92)
Low	1.55 (0.82–2.94)	1.43 (0.75–2.73)	0.90 (0.41–1.96)	0.70 (0.30–1.62)	1.38 (0.60–3.15)	1.12 (0.48–2.58)
p^*	.393	.526	.271	.152	.616	.842

Model 1: Academic performance and HL separately, controlled for age, gender, immigrant background, parental education, and school clustering

Model 2: All variables from Model 1 simultaneously in the same model

[‡] Adjusted for age, gender, parental education, immigrant background, and school clustering

* Wald χ^2 test to test for statistical significance of the explanatory variables in the model