

## SUPPLEMENTARY MATERIAL

### GROUP investigators

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### NEDEN investigators

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**Table S1. Comparisons on model variables between complete and incomplete cases in the GROUP sample ( $N = 1013$ ).**

Model variable	CC ( $n = 871$ )	IC ( $n = 142$ )	Test statistic ( $df$ )	$p$
Age, mean (SD) in years	27.3 (7.1)	25.2 (6.3)	$t (1011) = 3.31$	.001
Male	673 (77)	117 (82)	$\chi^2 (1) = 1.87$	ns
Completed secondary school <sup>a</sup>	753 (86)	106 (80)	$\chi^2 (1) = 3.53$	ns
Use of illicit substances	602 (69)	89 (75)	$\chi^2 (1) = 1.60$	ns
Violent behaviour	179 (21)	4 (20)	-	-

CC, complete cases; IC, incomplete cases;  $df$ , degrees of freedom; SD, standard deviation; ns, nonsignificant.  
Data are  $n$  (%), unless otherwise stated. Due to missing data, the number of incomplete cases varies by model variable.

**Table S2. Comparisons on model variables between complete and incomplete cases in the NEDEN sample ( $N = 1027$ ).**

Model variable	CC ( $n = 921$ )	IC ( $n = 106$ )	Test statistic ( $df$ )	$p$
Age, mean (SD) in years	22.8 (4.8)	22.1 (5.3)	$t (1008) = 1.35$	ns
Male	639 (69)	70 (66)	$\chi^2 (1) = 0.50$	ns
Completed secondary school <sup>a</sup>	811 (88)	61 (80)	$\chi^2 (1) = 3.89$	.049
Use of illicit substances	589 (64)	46 (67)	$\chi^2 (1) = 0.21$	ns
Violent behaviour	204 (22)	15 (23)	$\chi^2 (1) = 0.03$	ns

CC, complete cases; IC, incomplete cases;  $df$ , degrees of freedom; SD, standard deviation; ns, nonsignificant.  
Data are  $n$  (%), unless otherwise stated. Due to missing data, the number of incomplete cases varies by model variable.

**Table S3. Prevalence and risk of violent behaviour by severity of use of alcohol<sup>a</sup> and different categories of illicit substances in the GROUP sample (*N* = 871).**

Substance category	<i>n</i> (%)			aOR (95% CI) <sup>b</sup>		
	PU	NPU	NU	PU vs NPU or NU	PU vs NU	NPU vs NU
Alcohol	83 (24)	74 (19)	21 (16)	1.5 (1.1-2.1)	1.8 (1.0-3.1)	1.3 (0.7-2.2)
Cannabis	90 (24)	45 (21)	44 (15)	1.3 (0.9-1.9)	1.5 (1.0-2.4)	1.4 (0.8-2.2)
Stimulants	43 (30)	31 (23)	98 (17)	1.8 (1.2-2.7)	2.0 (1.3-3.0)	1.4 (0.9-2.3)
Depressants	15 (33)	18 (24)	134 (19)	1.9 (1.0-3.7)	2.0 (1.0-3.9)	1.3 (0.7-2.4)
Hallucinogens	12 (27)	41 (30)	113 (17)	1.3 (0.7-2.7)	1.6 (0.8-3.2)	2.0 (1.3-3.1)
Other	28 (29)	42 (28)	100 (17)	1.5 (0.9-2.4)	1.9 (1.1-3.1)	1.9 (1.2-2.9)

aOR, adjusted odds ratio; CI, confidence interval; PU, problematic use; NPU, nonproblematic use; NU, no use.

Due to missing data, the total number of patients varies by substance category.

<sup>a</sup>Alcohol was used as a positive control.

<sup>b</sup>Adjusted for age, sex and educational level.