

Supplementary Table 1: Adjusted odds ratio of factors significantly associated with total AUDIT scores — results from a four-step hierarchical logistic regression analysis; n=(1,410).

	Subgroup N (%)	Total AUDIT ≥8 N (%)	AOR (99% CI)
1. Socio-demographics			
Age (years)			
<24	112 (8.0%)	54 (48.2%)	
25-34	437 (31.2%)	203 (46.5%)	0.82 (0.46, 1.45)
35-44	434 (31.0%)	189 (43.5%)	0.68 (0.38, 1.21)
45-54	320 (22.8%)	108 (33.8%)	0.45 (0.25, 0.82)**
55+	98 (7.0%)	35 (35.7%)	0.46 (0.22, 0.98)*
Gender			
Male	1226 (87.4%)	560 (45.7%)	
Female	176 (12.6%)	30 (17.0%)	0.23 (0.13, 0.40)**
2. Health History			
Drug or alcohol problems			
No	1377 (97.6%)	567 (41.2%)	
Yes	34 (2.4%)	25 (73.5%)	4.77 (1.53, 14.87)**
3. Current Health			
Psychological distress			
Low (≤15)	855 (60.8%)	324 (37.9%)	
Moderate (≥15; ≤20)	371 (26.4%)	176 (47.4%)	1.48 (1.05, 2.11)*
High or Very high (≥21)	180 (12.8%)	91 (50.6%)	1.68 (1.05, 2.69)*
Daily smoker			
No	1206 (85.9%)	474 (39.3%)	
Yes	198 (14.1%)	115 (58.1%)	1.69 (1.08, 2.62)**
Cannabis Usage			
Never tried	901 (64.1%)	302 (33.5%)	
Yes, but not in the last month	472 (33.6%)	268 (56.8%)	2.01 (1.39, 2.91)**
Yes, used in the last month	33 (2.3%)	22 (66.7%)	2.86 (0.99, 8.31)
Other illicit drugs			
Never tried	1131 (80.6%)	423 (37.4%)	
Yes, but not in the last month	247 (17.6%)	149 (60.3%)	1.25 (0.79, 1.99)
Yes, used in the last month	26 (1.9%)	20 (76.9%)	2.61 (0.67, 10.01)
4. Workplace factors and attitudes			
Mine Type			
Open Cut	746 (52.9%)	265 (35.5%)	
Underground	665 (47.1%)	327 (49.2%)	1.33 (0.97, 1.80)
Work in mining for financial reasons			
Strongly disagree or Disagree	318 (22.6%)	99 (31.1%)	
Neutral	548 (38.9%)	217 (39.6%)	1.34 (0.88, 2.03)
Agree or Strongly Agree	544 (38.6%)	275 (50.6%)	1.82 (1.19, 2.76)**

* $p < 0.01$; ** $p < 0.001$. AOR refer to Adjusted Odds Ratio; 99% CI is the 99% confidence interval. Note, AUDIT scores greater than or equal to eight indicate risky to hazardous levels.