

Supplemental material

Alcohol and Cannabis Use in Traffic-Related Injuries in Mexico City

Supplementary Table S1. Sociodemographic characteristics of study participants. Road traffic injuries from an emergency department (n=433).

	n	%
Sex		
Female	113	26.1
Male	320	73.9
Age (years)		
18-39	338	78.1
40-59	78	18
60-69	17	3.9
Education (years)		
<= 9	159	37.2
10-12	181	42.4
>=13	87	20.4
Marital status		
Single	241	56.4
Married/cohabiting	163	38.2
Widowed/other	23	5.4
Time of injury		
Weekday	169	39
Weeknight	117	27
Weekend day	58	13.4
Weekend night	89	20.6
RTI type		
Driver (car/bike/other)	66	15.2
Passenger	95	21.9
Pedestrian	56	12.9
Driver (motorcycle)	216	49.9
Control period 1		
None	96	22.2
Day prior	231	53.5
Two days prior	30	6.9
More than two days prior	75	17.4
Control period 2		
None	127	29.4
Day prior	10	2.3
Two days prior	193	44.7
More than two days prior	102	23.6

Notes: RTI - Road Traffic Injury

Some frequencies do not add up to the total sample size due to missing values

Supplementary Table S2 - Matched pairs of substance use before injury with every control period and total

		Control periods - Matched pairs (n)		
		Yes	No	
Alcohol use before injury (self-report)		Alcohol use - Control period 1		
Yes		15	45	
No		8	264	
		Alcohol use - Control period 2		
Yes		8	40	
No		7	248	
		Number of matched control periods with alcohol use		
Multiple matching		None	One	Two
Yes		34	10	4
No		240	15	0
Cannabis use before injury (self-report)		Cannabis use - Control period 1		
Yes		10	13	
No		10	296	
		Cannabis use - Control period 2		
Yes		11	8	
No		10	273	
		Number of matched control periods with cannabis use		
Multiple matching estimate		None	One	Two
Yes		8	3	8
No		267	8	6

Supplementary Table S3 - Concordance of biological and self-report measures

Alcohol use before injury (self-report)	Alcohol use (BAC)				Agreement		
	Positive	Row %	Negative	Row %	%	Kappa	p-value
Yes	54	72.97	20	27.03	91.24%	0.734	< 0.001
Col %	85.71		7.46				
No	9	3.5	248	96.5			
Col %	14.29		92.54				
Cannabis use before injury (self-report)	Cannabis use (oral fluid)				89.42%	0.210	< 0.001
	Positive	Row %	Negative	Row %			
Yes	6	25	18	75			
Col %	28.57		6.19				
No	15	5.21	273	94.79			
Col %	71.43		93.81				