Supplemental Table 1. Self-reported risk of motor vehicle accident (MVA) after cannabis intake

Location /Country	N total	Cases	N cases	Controls	N controls	Cannabis Intake History or DUIC	CB exposure time prior to driving	CB Only?	Parameter	OR or RR	95% CI or p-value	Crude (C) or Adjusted (factors)	Ref.
Atlantic Canada	4055	10th & 12th grade students, DUIC	877	10th & 12th grade students, no CB consumption	3178	DUIC	≤1 h	--	MVA	4.14[a]	p<0.001	C	(21)
Atlantic Canada	4055	10th & 12th grade students, DUIC	877	10th & 12th grade students, no CB consumption	3178	DUIC	≤1 h	--	MVA	1.84[a]	p<0.001	Demographics, DUIA	(21)
Ontario, Canada	699	CB addiction treatment patients	181	Frequency-matched (age, sex) licensed drivers	518	Chronic/ abuse History	--	--	MVA	1.49[b]	1.17-1.89	Demographics, cocaine abuse	(30)
Ontario, Canada	2676	Adult drivers who consumed CB in lifetime	1097	Adult drivers who never consumed CB	1579	History	--	--	MVA	1.47[a]	1.08-1.99	Demographics	(27)
Ontario, Canada	2611	Adult drivers w/ past year CB intake ≤1x/wk	254	Adult drivers w/ no past-year CB intake	2357	History	--	--	MVA	1.24[a]	0.80-1.93	Demographics	(27)
Ontario, Canada	2422	Adult drivers w/ past year CB intake >1x/wk	65	Adult drivers w/ no past-year CB intake	2357	History	--	--	MVA	2.76[a]	1.50-5.08	Demographics	(27)
Ontario, Canada	2676	Adults, drove within 1 h of CB intake in past year	70	Adult drivers, did not drive within 1 h of CB intake in past year	2606	DUIC	≤1 h	--	MVA	3.89[a]	2.30-6.59	C	(27)

Location /Country	N total	Cases	N cases	Controls	N controls	Cannabis Intake History or DUIC	CB exposure time prior to driving	CB Only?	Parameter	OR or RR	95% CI or p-value	Crude (C) or Adjusted (factors)	Ref.
Ontario, Canada	2676	Adults, drove within 1 h of CB intake in past year	70	Adult drivers, did not drive within 1 h of CB intake in past year	2606	DUIC	≤1 h	--	MVA	2.61[a]	1.45-4.68	Demographics	(27)
Auckland New Zealand	1139	Drove within 3 h of CB intake	37	Did not drive within 3 h of CB intake	1102	DUIC	≤3 h	--	MVA-I[c]	11.4[a]	3.6-35.4	C	(28)
Auckland New Zealand	1139	Drove within 3 h of CB intake	37	Did not drive within 3 h of CB intake	1102	DUIC	≤3 h	--	MVA-I[c]	0.8[a]	0.2-3.3	Demographics, time of day, no. passengers, risky behavior (BAC, speed, seatbelt use)	(28)
Spain	155	Car drivers, consumed CB 1-4 days/wk	11	Car drivers, no CB consumption	144	History	--	--	MVA-NFI	1.2[a]	0.5-2.8	Demographics, distance driven, other drugs	(31)
Spain	156	Car drivers, consumed CB >4 days/wk	12	Car drivers, no CB consumption	144	History	--	--	MVA-NFI	2.5[a]	1.2-5.1	Demographics, distance driven, other drugs	(31)
Spain	68[d]	Regular cocaine users, driving within 1 h of CB intake	68	Same population, not driving within 1 h of CB intake	68	DUIC	≤1 h	--	NFDI, past year	7.0[b]	3.1-16	--	(32)
Spain	68[d]	Regular cocaine users, driving within 2 h of CB intake	68	Same population, not driving within 2 h of CB intake	68	DUIC	≤2 h	--	NFDI, past year	2.2[b]	1.0-4.9	--	(32)

Location /Country	N total	Cases	N cases	Controls	N controls	Cannabis Intake History or DUIC	CB exposure time prior to driving	CB Only?	Parameter	OR or RR	95% CI or p-value	Crude (C) or Adjusted (factors)	Ref.
Spain	45[d]	Regular cocaine users, driving within 1 h of CB intake	45	Same population, not driving within 1 h of CB intake	45	DUIC	≤1 h	CB only	NFDI, past year	5.8[b]	2.4-14	--	(32)
Spain	45[d]	Regular cocaine users, driving within 2 h of CB intake	45	Same population, not driving within 2 h of CB intake	45	DUIC	≤2 h	CB only	NFDI, past year	2.2[b]	0.9-5.2	--	(32)
Spain	19[d]	Regular cocaine users, driving within 1 h of CB intake & 2 h of alcohol	19	Same population, not DUID	19	DUIC	≤1 h	+Alc in past 2 h	NFDI, past year	10.9[b]	1.3-88	--	(32)

[a]OR (odds ratio)

[b]RR (relative risk)

[c]Cars in MVA with ≥1 occupant hospitalized or killed

[d]Case-crossover design

Abbreviations: DUIA: driving under the influence of alcohol; CB: cannabis; CI: confidence interval; Ref.: reference; NFI: non-fatal injury; NFDI: non-fatal driver injury; BAC: blood alcohol content