

### Supplementary Appendix 3: Propensity-Score Matched Analysis

A propensity-score matched analysis of our primary comparison was performed as an alternative method to adjust for confounding. We derived propensity scores for the likelihood of cannabis use with a logistic regression model that included all covariates from our primary model and survey-related parameters (PMID: 27460539, 23855598). A matched sample was created using nearest neighbour matching with no replacement and a caliper set at 0.2 times the standard deviation of the logit of the propensity scores, and matches retained their natural survey weights. (PMID: 27460539). The association between recent cannabis use and myocardial infarction was estimated with a weighted logistic regression model.

	Before Matching			After Matching		
	Mean Cannabis-User (n=4,610)	Mean Non-User (n=28,563)	Std Mean Diff	Mean Cannabis-User (n=4,552)	Mean Non-User (n=4,552)	Std Mean Diff
Distance	0.2922	0.1142	0.9357	0.2868	0.2756	0.0586
Final Weight	702.8204	535.954	0.166	699.8897	682.1504	0.0176
Jurisdiction Legal Status: Medical Use	0.5388	0.5928	-0.1082	0.542	0.5444	-0.0048
Jurisdiction Legal Status: Limited Medical Use	0.1954	0.2535	-0.1463	0.1975	0.2023	-0.0122
Jurisdiction Legal Status: Full Legal Status	0.2657	0.1537	0.2535	0.2605	0.2533	0.0164
Male Sex	0.6284	0.4849	0.297	0.6254	0.6208	0.0095
Race: Black, non-Hispanic	0.0939	0.0796	0.0489	0.094	0.0945	-0.0015
Race: Hispanic	0.1479	0.1608	-0.0362	0.1478	0.1454	0.0068
Race: Other, non-Hispanic	0.0744	0.0775	-0.012	0.0749	0.078	-0.0117
Race: Multiracial, non-Hispanic	0.0423	0.0251	0.0853	0.0417	0.0391	0.0131
Age: 25 to 34	0.4241	0.3575	0.1348	0.422	0.4137	0.0169
Age: 35 to 44	0.3213	0.4781	-0.3359	0.324	0.3337	-0.0207
BMI: Normal Weight	0.4208	0.3347	0.1745	0.4185	0.4071	0.0231
BMI: Overweight	0.3134	0.3329	-0.0419	0.3146	0.3137	0.0019
BMI: Obese	0.2388	0.3151	-0.1789	0.2403	0.254	-0.0319
Education: Completed Highschool	0.2985	0.249	0.1081	0.2981	0.2996	-0.0034
Education: Some College	0.3245	0.2883	0.0773	0.3243	0.3245	-0.0005
Education: Completed College	0.3028	0.4025	-0.217	0.3034	0.3056	-0.0048
Income: \$15,000 to less than \$25,000	0.1868	0.1458	0.1051	0.1863	0.1891	-0.0073
Income: \$25,000 to less than \$35,000	0.118	0.0976	0.0633	0.1191	0.1125	0.0204
Income: \$35,000 to less than \$50,000	0.1508	0.1309	0.0556	0.1505	0.1538	-0.0092
Income: \$50,000 or more	0.4265	0.5324	-0.2141	0.4264	0.4328	-0.0129
Marital status: Married	0.2531	0.4912	-0.5473	0.2555	0.2641	-0.0197
Marital status: Divorced	0.0798	0.0781	0.0063	0.0806	0.083	-0.0089
Marital status: Widowed	0.0061	0.0062	-0.0011	0.0062	0.0057	0.0057
Marital status: Separated	0.0234	0.0244	-0.0067	0.0235	0.0242	-0.0044
Active health coverage	0.8098	0.8729	-0.1608	0.8117	0.824	-0.0313
Smoking status: Current	0.3839	0.1532	0.4744	0.3792	0.373	0.0126
Smoking status: Former	0.226	0.1723	0.1284	0.2261	0.2195	0.0158
Current smokeless tobacco user	0.0792	0.0566	0.0837	0.0793	0.0813	-0.0073
E-cigarette use status: Current	0.1922	0.0515	0.3571	0.1883	0.1777	0.0268
E-cigarette use status: Former	0.5041	0.2133	0.5816	0.5042	0.5081	-0.0079
Heavy Drinker	0.187	0.0592	0.3277	0.1812	0.1584	0.0586
Sedentary lifestyle	0.1711	0.199	-0.0739	0.1725	0.1837	-0.0297
Kidney disease	0.0128	0.0121	0.0061	0.0127	0.0125	0.002
Diabetes	0.0269	0.0342	-0.0449	0.027	0.0272	-0.0014
<b>Adjusted Odds Ratio for History of MI Between Cannabis-Users and Non-Users</b>	<b>2.07 (95% CI, 1.12 to 3.82)</b>			<b>2.11 (95% CI, 1.12 to 3.97)</b>		