

Supplementary Online Content

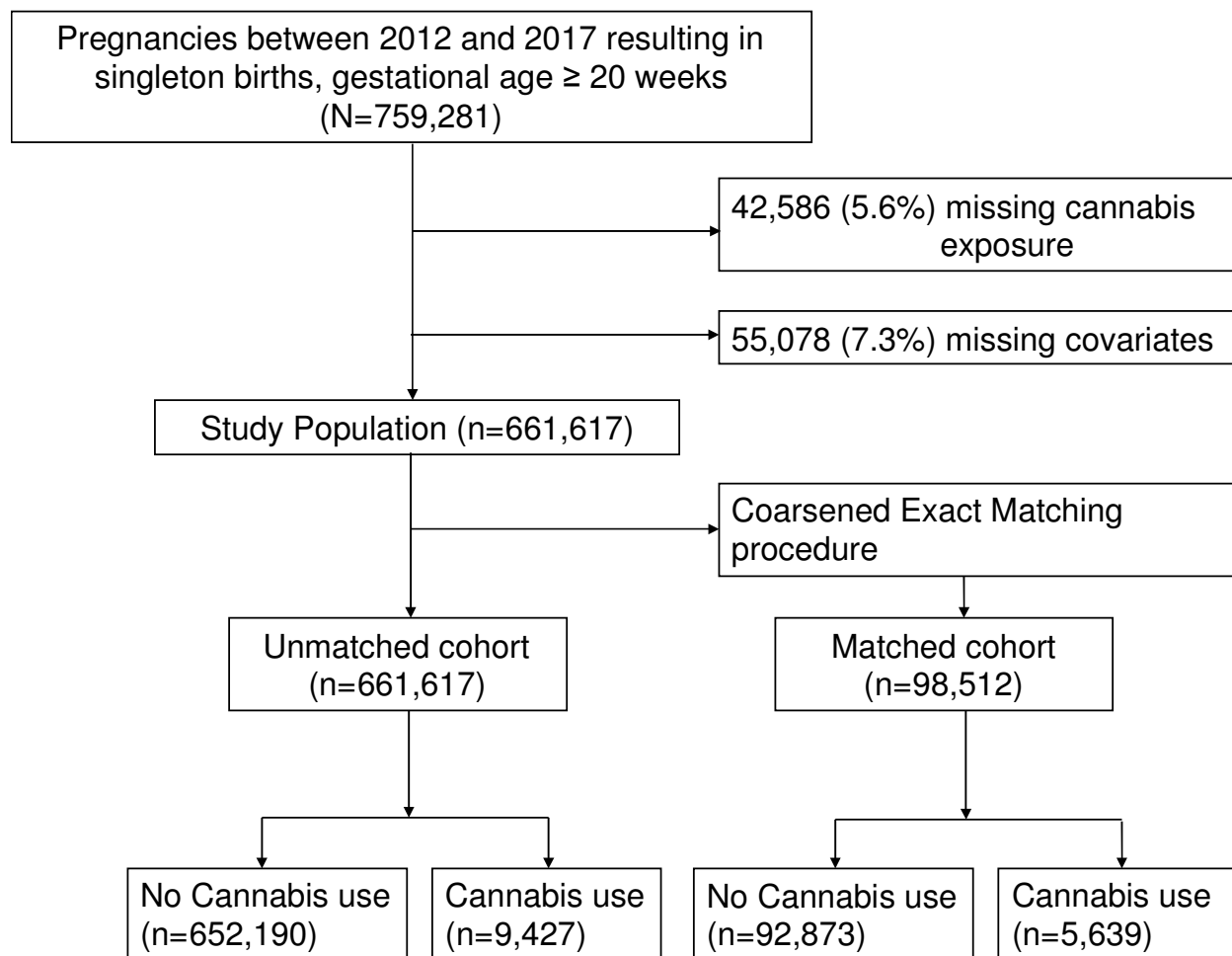
Corsi DJ, Walsh L, Weiss D, Hsu H, El-Chaar D, Hawken S, Fell DB, Walker M. Association between self-reported prenatal cannabis use and maternal, perinatal, and neonatal outcomes. *JAMA*. doi:10.1001/jama.8734

eFigure. Flow Diagram Describing Derivation of the Study Population and Analytical Cohorts, BORN Ontario 2012-2017

eTable 1. Comparison Between Excluded Participants and the Study Population Across Selected Covariates, BORN Ontario 2012-2017

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This supplementary material has been provided by the authors to give readers additional information about their work.



eFigure. Flow Diagram Describing Derivation of the Study Population and Analytical Cohorts, BORN Ontario 2012-2017

eTable 1. Comparison Between Excluded Participants and the Study Population Across Selected Covariates, BORN Ontario 2012-2017

	Excluded (N=97,664)		Study population (N=661,617)		SMD
	n	%	n	%	
Age, years					0.201
15-19	3,466	(3.5)	25,056	(3.8)	
20-24	10,250	(10.5)	91,955	(13.9)	
25-29	25,793	(26.4)	209,708	(31.7)	
30-34	35,930	(36.8)	224,255	(33.9)	
35+	22,225	(22.8)	110,643	(16.7)	
Parity (not including index pregnancy)					0.046
0	39,917	(45.2)	284,906	(43.1)	
1	30,395	(34.4)	231,976	(35.1)	
2	11,816	(13.4)	94,796	(14.3)	
2+	6,227	(7.0)	49,939	(7.5)	
Area level income quintile					0.202
1	11,247	(12.4)	102,496	(15.5)	
2	11,182	(12.4)	103,954	(15.7)	
3	16,977	(18.8)	137,536	(20.8)	
4	21,475	(23.7)	155,815	(23.6)	
5	29,572	(32.7)	161,816	(24.5)	
Tobacco Smoking	5,891	(9.5)	53,814	(8.1)	0.048
Alcohol use	1,247	(2.4)	14,972	(2.3)	0.007
Other drug use	535	(1.0)	2,280	(0.3)	0.078
Mental health conditions ^a	8,782	(16.2)	103,127	(15.6)	0.017
Antenatal care provider					0.492
Family physician	11,735	(16.6)	169,892	(25.7)	
Obstetrician	52,050	(73.8)	382,468	(57.8)	
Midwife	2,851	(4.0)	95,874	(14.5)	
Other/none	3,937	(5.6)	13,383	(2.0)	
Year of birth					0.293
2012	22,187	(22.7)	110,762	(16.7)	
2013	19,489	(20.0)	111,961	(16.9)	
2014	21,230	(21.7)	110,170	(16.7)	
2015	13,215	(13.5)	118,364	(17.9)	
2016	12,382	(12.7)	119,583	(18.1)	
2017	9,161	(9.4)	90,777	(13.7)	

^aIncludes addiction, anxiety, bipolar disorder, depression, postpartum depression, or schizophrenia diagnosed or self-reported in current pregnancy.

eTable 2. Subgroup Analysis of the Effect of Cannabis Exposure on Preterm Birth Less Than 37 Weeks' Gestation Stratified by Tobacco Use, Alcohol Use, and Opioid Use in the Matched Cohort, BORN Ontario 2012-2017

Subgroup	Risk Difference (95% CI)		P-interaction	Relative Risk (95% CI)		P-interaction
Cannabis only	2.20	(1.73 - 2.67)	-	1.34	(1.27 - 1.42)	-
Tobacco use	3.73	(1.41 - 6.05)	<0.001	1.46	(1.16 - 1.83)	0.08
No Tobacco use	2.28	(1.84 - 2.73)		1.36	(1.29 - 1.44)	
Alcohol use	3.28	(-3.09 - 9.64)	0.69	1.59	(0.64 - 3.95)	0.25
No Alcohol use	2.96	(2.58 - 3.33)		1.41	(1.35 - 1.46)	
Opioid use	4.73	(-11.73 - 21.20)	0.24	1.37	(0.45 - 4.19)	0.99
No Opioid use	2.93	(2.57 - 3.30)		1.41	(1.36 - 1.47)	