

Supplemental Information

SUPPLEMENTAL TABLE 4 Exposure Data Source

Exposure	Data Source					ICD-9-CM Claims
	Medical Record	Infant Toxicology Test	Maternal Toxicology Test	Outpatient Prescription Claims	Birth Certificate	
Benzodiazepine	X	X	X	X	–	–
Opioids	X	X	X	X	–	–
SSRIs	X	–	–	X	–	–
Gabapentin	X	–	–	X	–	–
THC	X	X	X	–	–	–
Cocaine	X	X	X	–	–	–
Methamphetamines	X	X	X	–	–	–
PCP	X	X	X	–	–	–
Tobacco	X	–	–	–	X	X

–, not applicable.

SUPPLEMENTAL TABLE 5 Supplemental Analyses

Benzodiazepine	aOR	95% CI
Excluding cases and controls considered possible	1.45	0.96–2.21
Excluding infants without identifiable opioid exposure	1.42	0.97–2.10

Models accounting for opioid type, infant sex, infant birth wt, infant gestational age, maternal HCV, antenatal tobacco, benzodiazepine, THC, cocaine, SSRIs, and gabapentin exposure. aOR, adjusted odds ratio.

SUPPLEMENTAL TABLE 6 Multivariable Logistic Regression Analysis of Infant Characteristics and Exposures Associated With Pharmacologically Treated NAS Using Single Opioid Variable

Exposure	aOR	95% Confidence Interval	P
Infant characteristics			
Female	0.88	0.65–1.19	.42
Low birth wt (<2500 g)	1.09	0.70–1.68	.69
Preterm (<37 wk gestation)	0.69	0.46–1.04	.08
Antenatal exposures			
Opioid	1.96	1.30–2.97	.001
Tobacco	1.19	0.74–1.91	.46
SSRIs	1.16	0.70–1.93	.54
Benzodiazepine	1.52	1.04–2.22	.03
THC	0.73	0.52–1.03	.08
Cocaine	1.34	0.79–2.28	.27
Gabapentin	1.66	0.49–5.58	.40
Maternal HCV infection	1.59	0.83–3.03	.15

aOR, adjusted odds ratio.