

Appendix B. Supplementary tables

Table S1: Primary analysis results when different representations of calendar time were used in regression models

Time since intervention was started	RR (95% CI)	RR (95% CI)	RR (95% CI)
	Continuous time (Primary)	Each year is categorical variable	Linear spline, knots at every 6 months
MME $\geq$ 90			
1-6 months	0.96 (0.85, 1.08)	0.97 (0.86, 1.09)	1.02 (0.90, 1.16)
7-12 months	0.88 (0.76, 1.03)	0.89 (0.76, 1.04)	0.91 (0.78, 1.06)
More than one year	0.81 (0.67, 0.97)	0.79 (0.65, 0.95)	0.83 (0.68, 1.01)
MME $\geq$ 50			
1-6 months	0.95 (0.90, 1.01)	0.95 (0.89, 1.01)	0.98 (0.91, 1.04)
7-12 months	0.91 (0.85, 0.98)	0.90 (0.84, 0.97)	0.91 (0.84, 0.98)
More than one year	0.84 (0.76, 0.92)	0.82 (0.74, 0.90)	0.84 (0.76, 0.93)
Concurrent prescribing of opioids and benzodiazepines			
1-6 months	1.00 (0.94, 1.07)	0.97 (0.91, 1.03)	1.01 (0.95, 1.08)
7-12 months	1.04 (0.96, 1.12)	1.02 (0.94, 1.10)	1.02 (0.94, 1.10)
More than one year	0.89 (0.81, 0.97)	0.84 (0.77, 0.91)	0.88 (0.80, 0.96)

Appendix B. Supplementary tables

Table S2: Primary analysis results when excluding October-December 2019 (period of MME data artifact)

Time since intervention was started	RR (95% CI)
MME $\geq$ 90	
1-6 months	0.95 (0.84, 1.08)
7-12 months	0.88 (0.76, 1.02)
More than one year	0.81 (0.68, 0.97)
MME $\geq$ 50	
1-6 months	0.96 (0.91, 1.02)
7-12 months	0.91 (0.85, 0.98)
More than one year	0.84 (0.76, 0.92)
Concurrent prescribing of opioids and benzodiazepines	
1-6 months	1.01 (0.94, 1.08)
7-12 months	1.04 (0.96, 1.12)
More than one year	0.89 (0.82, 0.98)