

Appendix 5: Chow test for change in level and slope of time series following each intervention point

Outcome	November 2009 Intervention		September 2016 Intervention		March 2018 Intervention	
	Intercept shift (estimate, 95% CI)	Slope change (estimate, 95% CI)	Intercept shift (estimate, 95% CI)	Slope change (estimate, 95% CI)	Intercept shift (estimate, 95% CI)	Slope change (estimate, 95% CI)
Accidental Toxicity Rates (monthly)	0.1595 (-0.4034 to 0.4593)	-0.0003 (-0.0008 to 0.0002)	0.7614 (-1.270 to 2.793)	-0.0011 (-0.0041 to 0.0018)	1.127 (-1.258 to 3.512)	-0.0016 (-0.0050 to 0.0018)
ICU Admission Rates (quarterly)	-0.0645 (-0.4181 to 0.2890)	0.0003 (-0.0015 to 0.0021)	0.5128 (-1.9524 to 2.9779)	-0.0023 (-0.0131 to 0.0085)	-0.4410 (-0.3848 to 2.5029)	0.0018 (-0.0109 to 0.0146)
Opioid Poisoning Rates (quarterly)	0.1567 (-0.1360 to 0.4495)	-0.0006 (-0.0021 to 0.0008)	0.7635 (-1.2780 to 2.8049)	-0.0033 (-0.0123 to 0.0057)	2.4899 (0.0520 to 4.9277)	-0.0107 (-0.0213 to -0.0001)