

Table 4 Temporal analysis with Joinpoint regression models fitted to crude incidence rate and count of drug-related deaths (DRDs) in the Islamic Republic of Iran, 2014–2017

Factor	APC		P-value	AAPC	
	Point estimate	95% CI		Point estimate	95% CI
Temporal trend of the crude incidence rate of DRD for whole country					
1–43 months	0.50	-0.1, 1.1	0.073	-0.33	-1.8, 1.3
44–48 months	-6.99	-19.3, 7.2	0.310		
Temporal trend of new cases of count by month					
Jan, Feb, Mar	-11.47 ^a	-21.0, -0.6	0.04	-0.51	-3.2, 2.3
Apr, May, Jun	18.31 ^a	5.3, 32.9	0.011		
Jul, Aug, Sep, Oct, Nov, Dec	-5.09 ^a	-6.9, -3.2	0.002		
Temporal trend of crude incidence rate of DRD according to age (years)					
≤ 14	-16.6	-49.1, 36.6	< 0.1	-	-
15–24	33.11 ^a	27.0, 39.5	< 0.1	-	-
25–44	2.32	-8.3, 14.2	< 0.1	-	-
45–60+	3.21	-18.3, 30.4	1.0	-	-

APC = annual percent change.

AAPC = average annual percent change.

^aAPC and slope are significantly different from zero at $\alpha = 0.05$.