

Supplemental materials

Table S1. Joinpoint regressions testing for trends in total cigarette, heated tobacco stick or equivalent, and combined cigarette and heated tobacco stick or equivalent sales in Japan 2011-2023

Outcome variables	Years	APC, %	95% CI
Total cigarette sales	2011-2015	-1.5	-2.9 to 0.0
	2015-2018	-10.3	-14.3 to -6.2
	2018-2023	-7.4	-8.3 to -6.4
Total heated tobacco stick or equivalent sales	2016-2018	148.3	134.1 to 163.2
	2018-2023	7.9	6.5 to 9.4
Combined cigarette and heated tobacco stick or equivalent sales	2011-2023	-2.6	-2.9 to -2.4

Figure S1. Total cigarette and heated tobacco stick or equivalent sales in billions in Japan, 2011-2023.

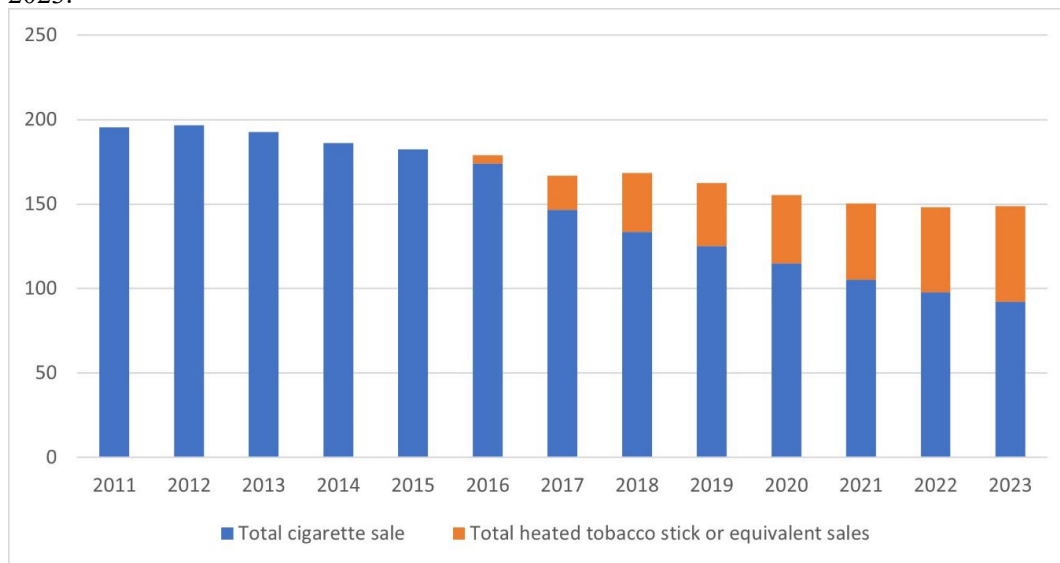
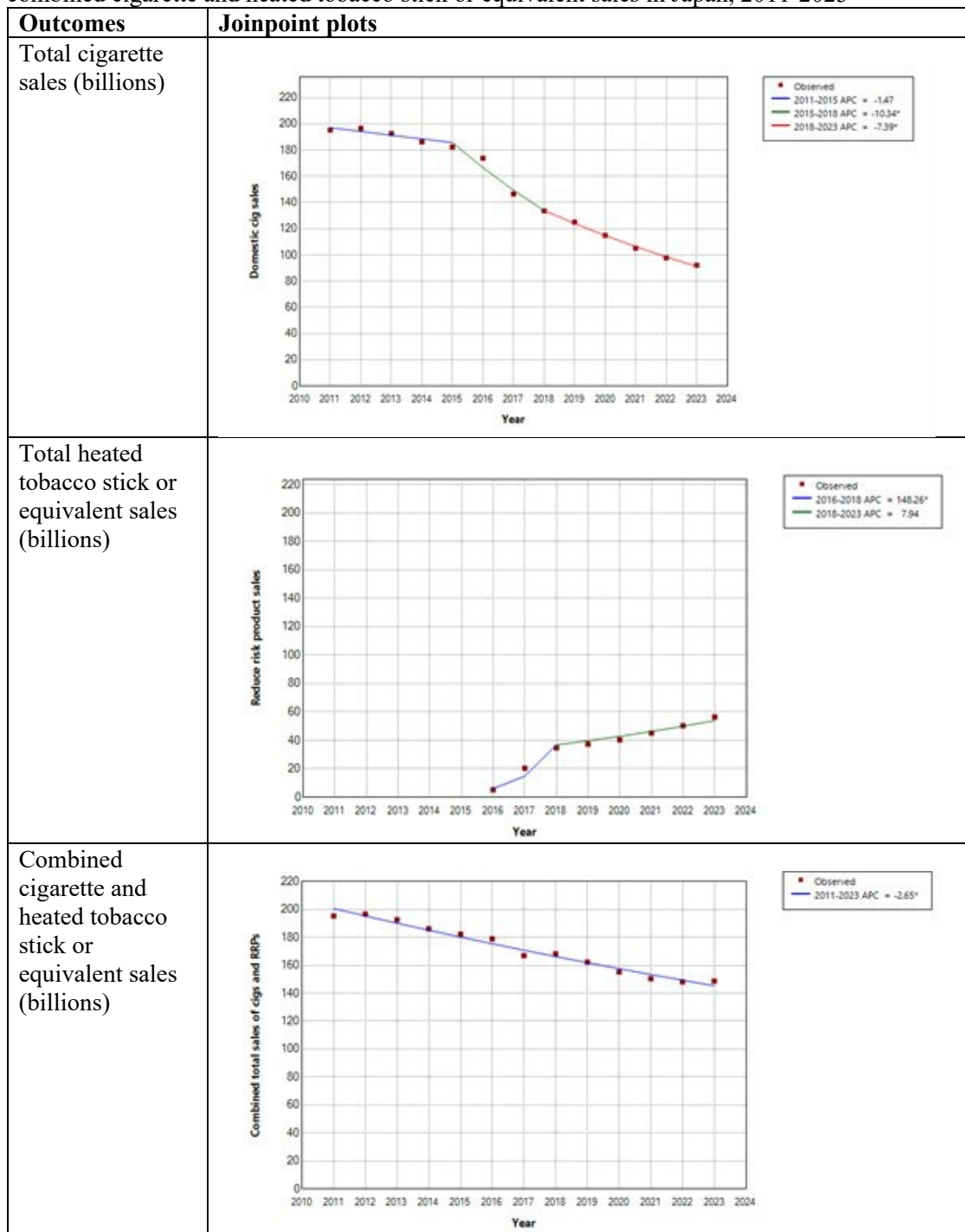


Figure S2. Joinpoint regression plots for total cigarette, heated tobacco stick or equivalent, and combined cigarette and heated tobacco stick or equivalent sales in Japan, 2011-2023



*Indicates that the annual percent change (APC) is significantly different from zero at the alpha = 0.05 level