

Supplemental Table 1. Regression Results: UPC Counts and Share, Pre- and Post- Flavor Policy in Providence, RI, and a Rest of State (ROS) Comparison Area, Jan 2012 – Jan 2016

Regression Result								
Variable	Coefficient	Coefficient Estimates (Standard Errors)						
		Number of Unique UPCs				Share of Unique UPCs in Percentage Points		
		Total	Concept	Explicit	Tobacco	Concept	Explicit	Tobacco
Constant	β_0	137.94 (2.50)	13.30 (1.51)	75.59 (1.64)	48.50 (1.25)	9.68% (0.99%)	54.78% (1.45%)	35.16% (0.57%)
Time Trend	β_1	-0.15 (0.09)	-0.02 (0.05)	-0.09 (0.05)	-0.05 (0.04)	-0.003% (0.03%)	-0.01% (0.04%)	0.01% (0.02%)
Providence [†]	β_2	-41.40 (3.10)	-4.19 (1.60)	-25.10 (2.21)	-11.83 (2.22)	-0.24% (1.10%)	-2.38% (2.23%)	2.72% (1.63%)
Providence * Time Trend ^{††}	β_3	-0.07 (0.13)	-0.03 (0.05)	-0.11 (0.08)	0.07 (0.09)	-0.02% (0.03%)	-0.09% (0.08%)	0.12% (0.07%)
Policy Indicator ^{†††}	β_4	18.36 (4.77)	6.75 (1.67)	3.14 (1.95)	8.74 (2.09)	3.00% (0.97%)	-4.05% (0.92%)	1.35% (0.70%)
Policy Indicator * Time Trend	β_5	-0.05 (0.11)	0.01 (0.05)	-0.04 (0.05)	-0.02 (0.04)	0.03% (0.03%)	-0.03% (0.04%)	0.00% (0.02%)
Providence * Policy Indicator	β_6	-28.64 (5.83)	6.08 (2.31)	-31.18 (3.06)	-3.62 (3.47)	14.88% (1.91%)	-26.90% (2.61%)	11.96% (2.65%)
Providence * Policy Indicator * Time Trend	β_7	0.24 (0.14)	0.02 (0.05)	0.24 (0.08)	-0.03 (0.09)	-0.0004% (0.04%)	0.13% (0.08%)	-0.14% (0.07%)

Bold = $p < 0.05$

[†] Indicator that equals 1 for Providence and 0 for ROS.

^{††} Insignificance of these coefficients confirms Providence and ROS have parallel trends (i.e. same slope) in the pre-policy period, a required assumption of difference-in-difference analysis.

^{†††} Indicator that equals 0 for the pre-policy period (January 8, 2012 – January 2, 2013) and equals 1 for the post-policy period (January 3, 2013 – December 31, 2016).