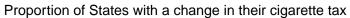
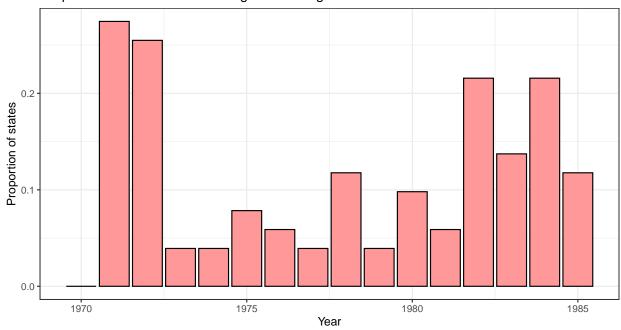
Homework 2 - Research in Health Economics

Alexia Witthaus Viñé

2023-03-10

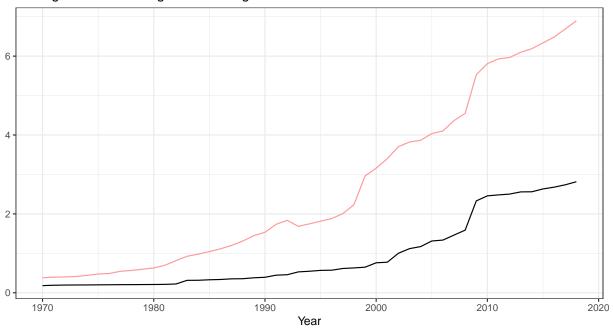
Question 1





Question 2

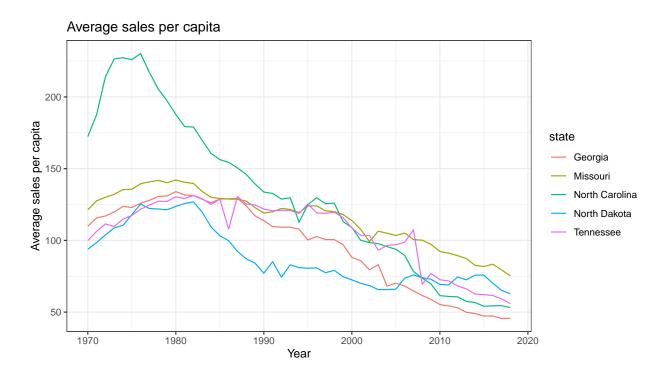
Average tax and Average Price of Cigaretts



Question 3

Average sales per capita 200 Average sales per capita state Connecticut District of Columbia Massachusetts New York Rhode Island 50 1970 1990 2010 1980 2000 2020 Year

	Model 1
(Intercept)	3.172
	(0.285)
\log_{sales}	-0.733
	(0.059)
Num.Obs.	1071
R2	0.126
R2 Adj.	0.125
AIC	1264.1
BIC	1279.1
Log.Lik.	-629.072
\mathbf{F}	153.857
RMSE	0.44



Question 5

Apart from North Carolina, the top 5 highest states in tax increase seem to start higher, and have a steeper sloper. By 2019, it looks like the sales from the highest taxes are lower than the ones from the lowest taxes.

Question 6