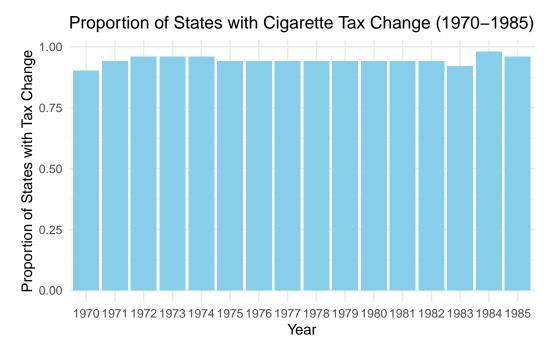
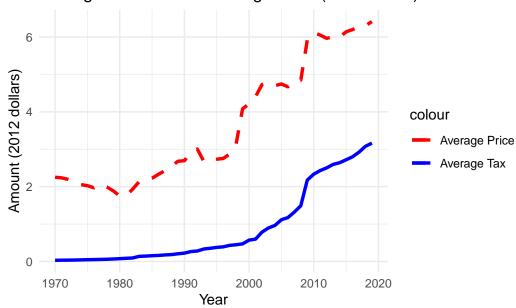
Homework3 Submission2

https://github.com/modugbe/homework3

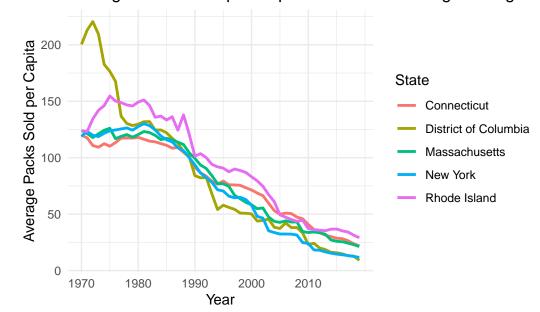
Moyo Odugbemi



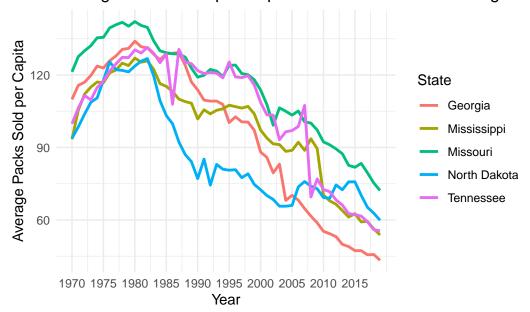
Average Tax and Price of Cigarettes (1970–2018)



Average Packs Sold per Capita for States with Highest Cigaret



Average Packs Sold per Capita for States with Lowest Cigarett



#Question 5 Both groups of states have similar sales on average that decrease as years or as the taxes increase. This somewhat uniform trend between the groups can be explained by the type of good cigarette is.

 $\# \mbox{Question 7 See Table 1}$

 $\# \mbox{Question 8 See Table 1}$

 $\# \mbox{Question}$ 9 See Table 1

Table 1: Estimation results

	Period	Price_Elasticity	IV_Elasticity	First_Stage_R2	Reduced_Form_R2
log(price_cpi) log(price_cpi)1	1970-1990 1991-2015	-0.8094384 -0.8094384	-0.9230776 -1.1129433	$0.6174372 \\ 0.8682626$	$0.2360606 \\ 0.6076822$

While the naive regression estimates are the same, the IV estimates are different. The estimates have the same signs that can tell us about elasticity.