

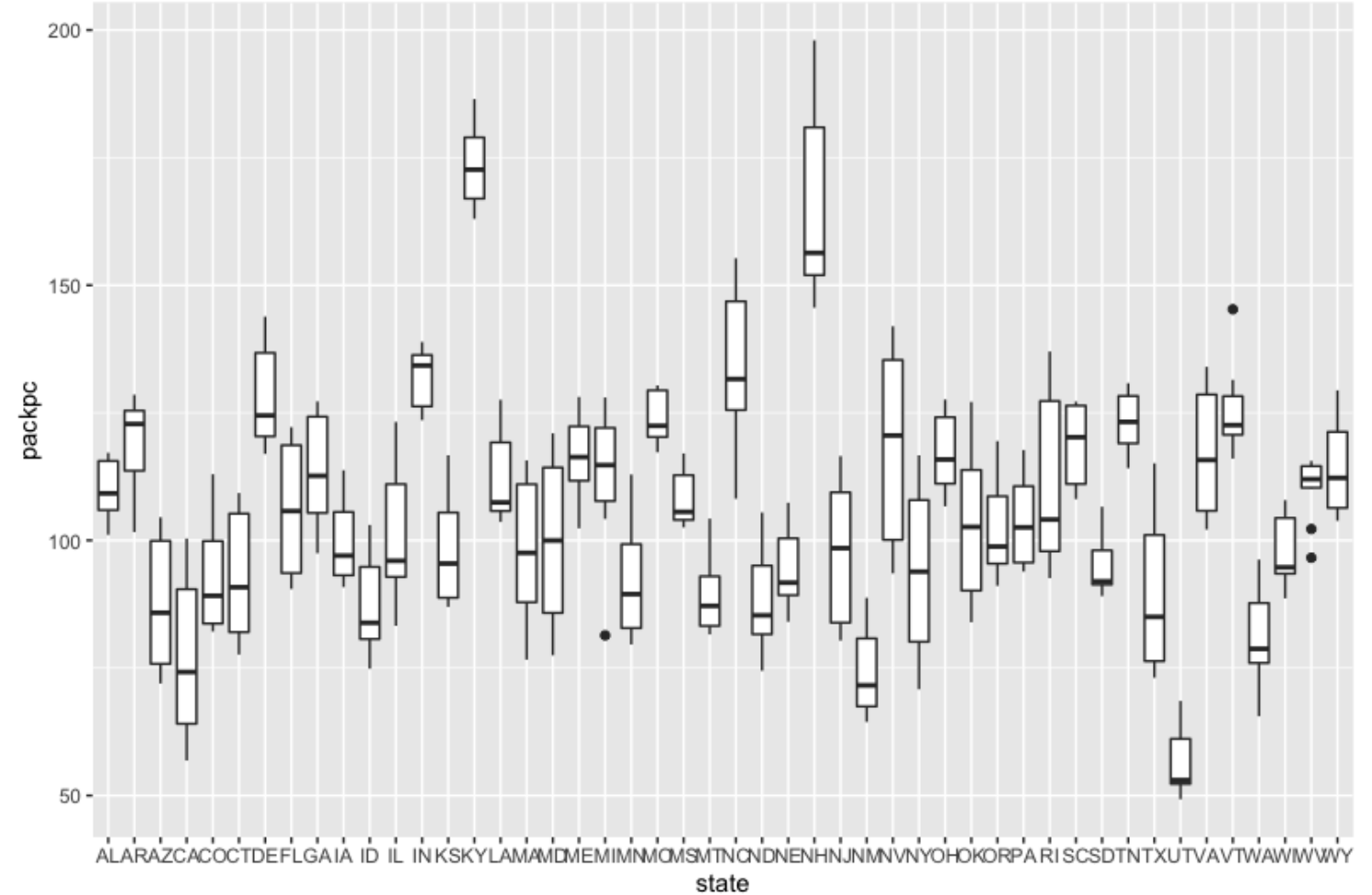


LESON 10 HANDS ON
RUBEN LARRAZOLO

Cigarette Project


THE AVERAGE NUMBER OF
PACKS PER CAPITA BY
STATE

Cigarette Project



THE MEDIAN OVER ALL THE
STATES OF THE NUMBER OF PACKS
PER CAPITA FOR EACH YEAR

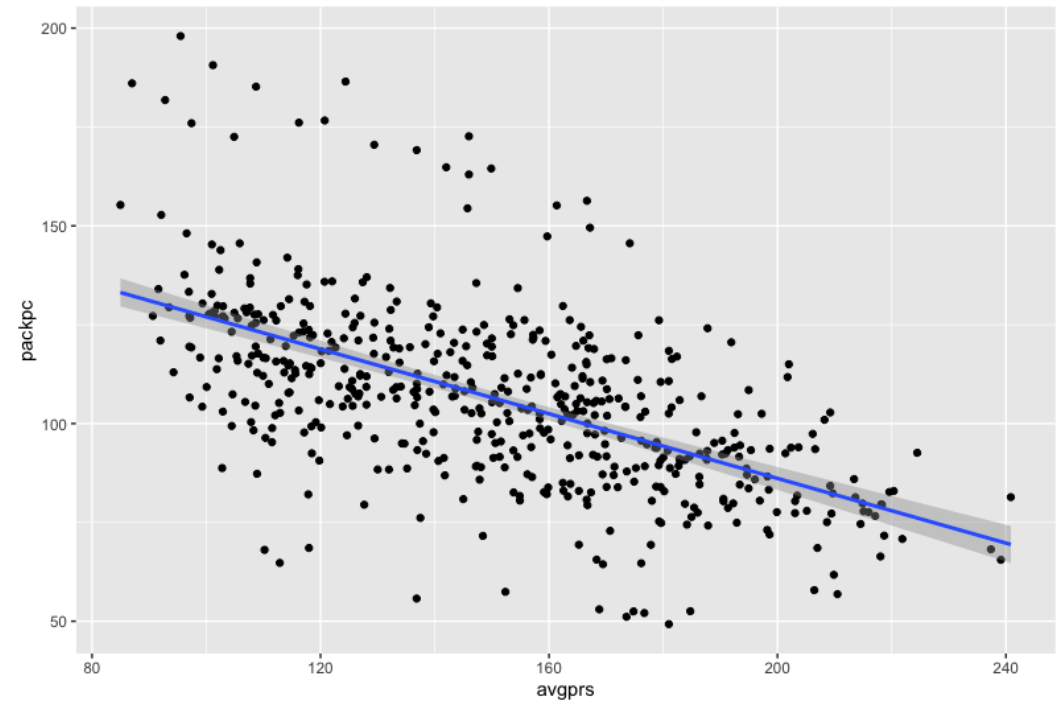
21.0656% decrease



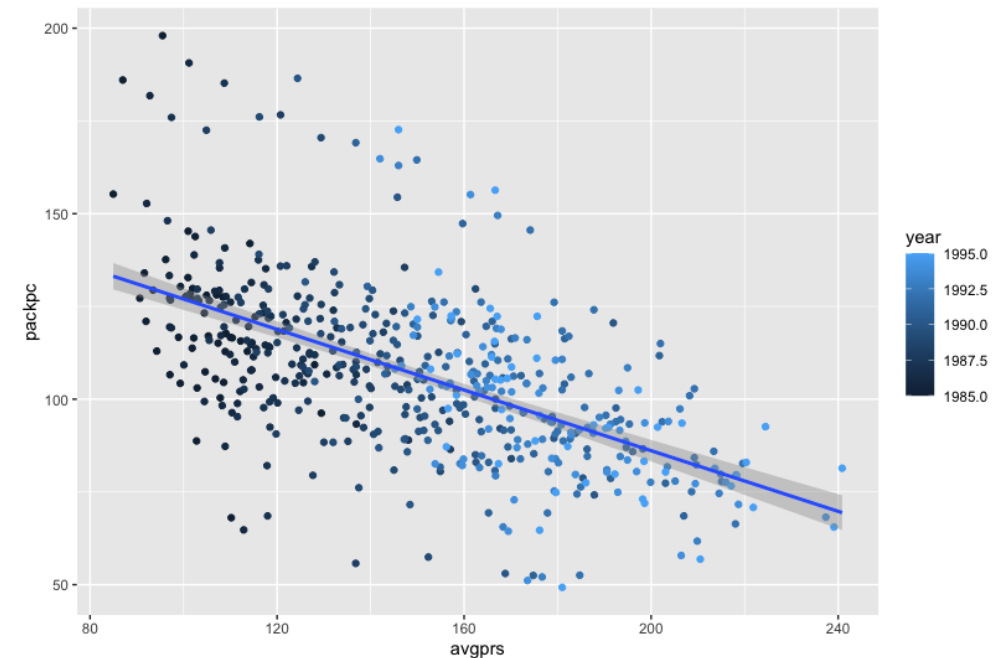
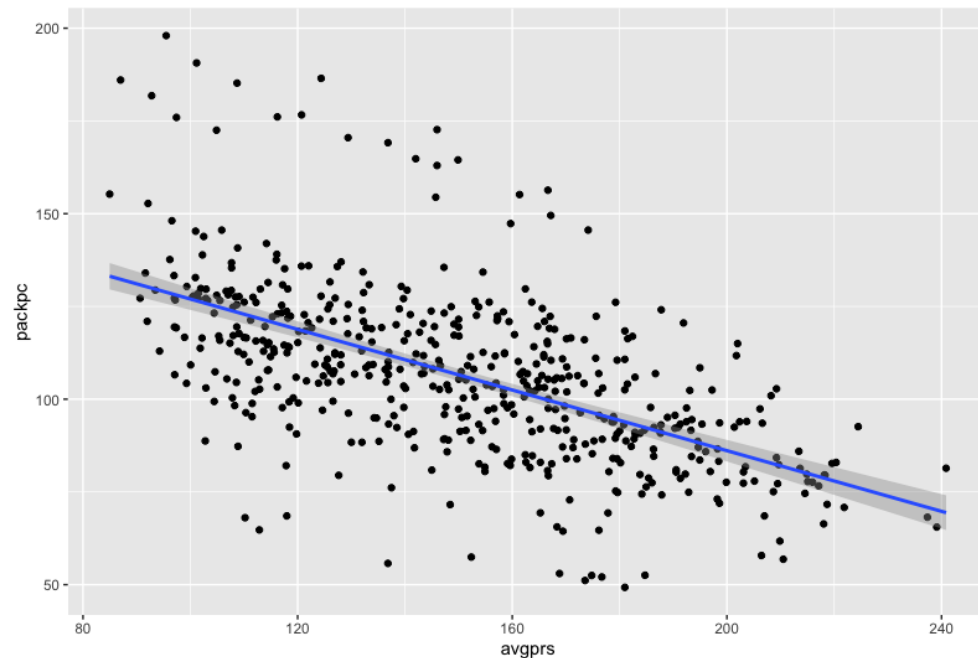
A tibble: 11 × 2

	year	<u>meanPacks</u>
	<int>	<dbl>
1	1985	122.
2	1986	119.
3	1987	116.
4	1988	113.
5	1989	109.
6	1990	104.
7	1991	101.
8	1992	98.5
9	1993	96.3
10	1994	95.0
11	1995	96.3

The usage of
cigarettes desecrate
21.0656% during the
11 year period



The correlation of this hypothesis is negative correlated since the usage of cigarettes decrease 21%





Residuals:

Min	1Q	Median	3Q	Max
-56.566	-13.853	-2.646	10.701	80.819

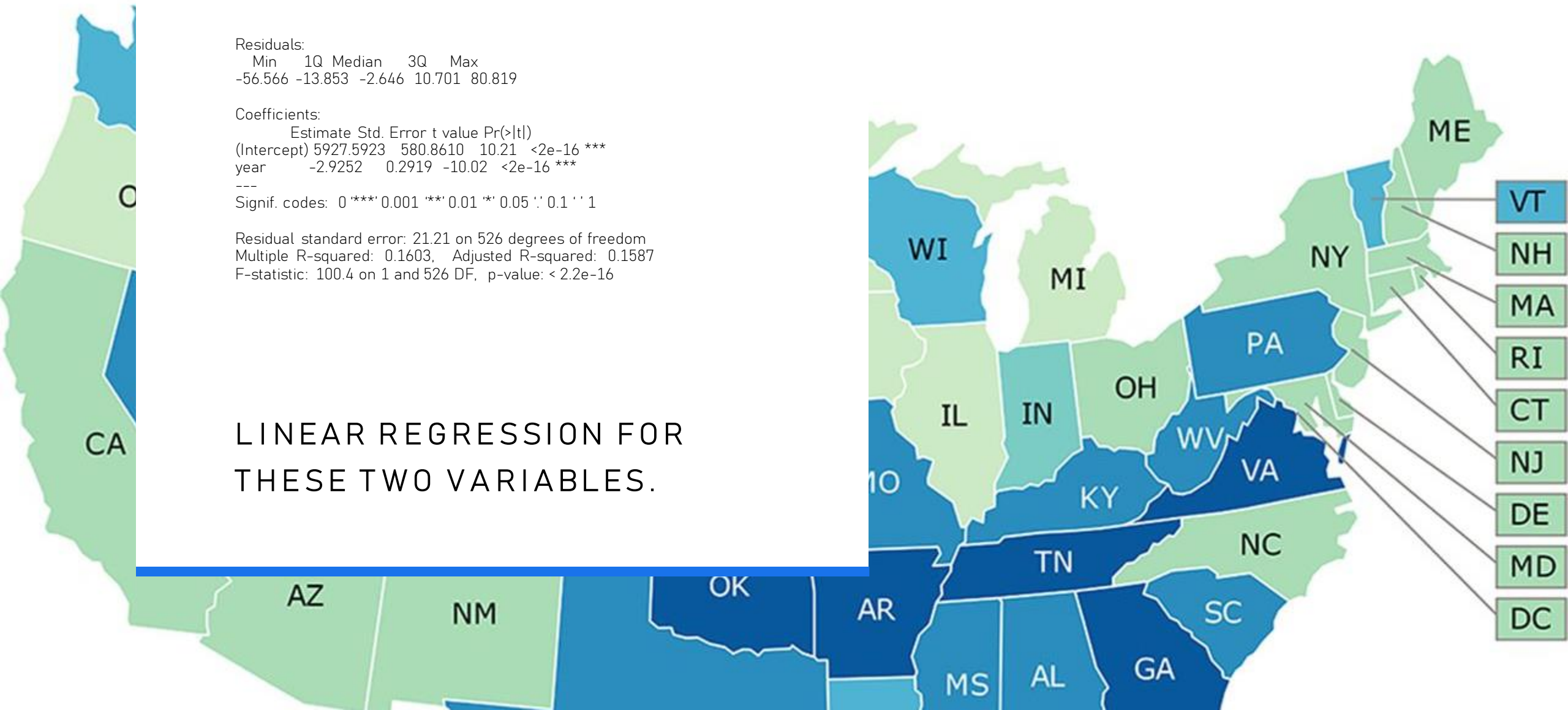
Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	5927.5923	580.8610	10.21	<2e-16 ***
year	-2.9252	0.2919	-10.02	<2e-16 ***

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 21.21 on 526 degrees of freedom
Multiple R-squared: 0.1603, Adjusted R-squared: 0.1587
F-statistic: 100.4 on 1 and 526 DF, p-value: < 2.2e-16

LINEAR REGRESSION FOR
THESE TWO VARIABLES.



Adjust for Inflation

