	- CONTRACTOR	and the last
	2	
1	5	-
1	-	STATE OF THE PERSON.
1	SALARAGE SERVICE	

		1
167,059	83,534	14.45
0215819	D 7003	
	,	

b) The P value of the F test is 0.000436.

This is lower than the stated signifigance level of which means we should regent the null hypothesis - the evidence is compelling that the level of mecanism in the infats is different to the populations of smokers.

5) pg2

e) I may have node a type I error which is to regect the not hypothesis who it is true

d) Passive Smolfus 3 Non Smolfers Semple

means are signifigantly different

- PS) celculations

#Active smokers:

xa <- c(490, 418, 405, 328, 700, 292, 295, 272, 240, 232)

#Passive smokers:

 $xp \leftarrow c(254, 219, 287, 257, 271, 282, 148, 273, 350, 293)$

Nonsmokers:

xn <- c(158, 163, 153, 207, 211, 159, 199, 187, 200, 213)

I <- 3

J <- length(xa)

A <- I-1

B < - I*(J-1)

MSTR <- 83530

F <- 10.45

D <- MSE <- MSTR/F

 $C \leftarrow MSE * I * (J-1)$