	STOUTUS O IN	11200 0	relationship b	^			
		Discaso	NO DESCASO	Pow total			
	Smoker	60	90	. 150			
	von-Smokov	30	120	150			
	column	90	210	300			
			7.1				
	$\chi^2 = \sum (0; -F_i)^2$						
				1 2			
		7					
	smoker dison	)					
			" The taken				
	٤٩̈́	Row total	× column total	1			
	Grand total						
	$= 90 \times 150 \Rightarrow 13,500$ $= 300 \times 300$						
		= 45		- N W			
		, i -	1 (				
Ş	Smotor No dissose:						
	E	800 5 2180×120	2 18,900 - K3 800	3/500 = 105			
won	Smotor Desas	2					
		E7 = 190 × 90	= 45				
		300					
			4,1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				

Non-smoker - No sissouse:

D	E	0,- E;	(O.E)2
60	45	15	225
90	105	-16.	226
30	45	- 15	225
120	105	12	225

$$\chi^2 = \frac{225}{45} + \frac{225}{105} + \frac{225}{45} + \frac{225}{105}$$

pagae of fradom:

$$(R-1) \cdot (C-1) = (2-1) \cdot (2-1)$$
  
=  $1 \cdot 1 = 5 \cdot 1$ 

Here, reject null hypotheria (40)