

$$\alpha = 0.05$$

$$K = 5$$

degrees of freedom =  $K - 1 = 4$ .

label	exp <sup>y</sup> .	exp	obs	$(e - e)^2$	$\frac{(e - e)^2}{e}$
A	0.2	220	262	1764	8.018
B	0.2	220	234	196	0.891
C	0.2	220	204	256	1.163
D	0.2	220	190	900	4.091
E	0.2	220	210	100	0.455
					<hr/> 14.618 <hr/>

critical value = 9.488 (from chi-square table)

$$9.488 < 14.618.$$

~~$\therefore$  there is evidence to reject~~

$\therefore$  there is not enough evidence to conclude.