

	Br	Red	Yell	Gr	Or	B1	Total
Obs	7	4	10	16	8	9	54
	13%	13%	14%	16%	20%	24%	
E	7.02	7.02	7.56	8.64	10.8	12.96	
O - E	-.03	-3.02	2.44	7.36	-2.8	-3.9	= 0
(O - E) ²	.0009	9.12	5.95	54.17	7.84	15.21	
$\frac{(O - E)^2}{E}$	.0001	1.27	.788	6.27	.726	1.17	= 10.225

$$\chi^2 = \sum \frac{(O-E)^2}{E}$$

$$df = n - 1$$

$$df = 6 - 1$$

$$\chi^2_{0.05}(5, n=54) = 11.071$$

milk

10.225

2.39

13.96

2.194

P<1K

14.66

12.44

18.23

$$\chi^2_{0.05}(5, N=54) = 10.225, P > 0.05$$