Practitioner's Rapid Check for Chi-Square (χ^2) Significances in Psychology

table-appendix, with equal distribution and percentages at expecting and observed values

by Kurt-W. Laufs, © 2015-09-20

table for percentage observation & equal distribution values as chi-square

observation, o%								
100%		225	***	612,5	***	1406,25	***	
90%		169	***	480,5	***	1122,25	***	
85%		144	***	420,5	***	992,25	***	
...								
60%		49	***	180,5	***	462,25	***	
...								
50%		25	***	112,5	***	306,25	***	
...								
45%		16	***	84,5	***	240,25	***	
44%		14,44	***	79,83	***	228,01	***	
43%		12,96	***	74,72	***	216,09	***	
42%		11,56	***	69,62	***	204,49	***	
41%		10,24	**	64,98	***	193,21	***	
40%		9	**	60,5	***	182,25	***	
39%		7,84	**	56,18	***	171,61	***	
38%		6,76	**	52,02	***	161,29	***	
37%		5,76	*	48,02	***	151,27	***	
36%		4,84	*	44,18	***	141,61	***	
35%		4	*	40,5	***	132,25	***	
34%		3,24		36,98	***	123,21	***	
33%		2,56		33,62	***	114,49	***	
32%		1,96		30,42	***	106,09	***	
31%		1,44		27,38	***	98,01	***	
30%		1		24,5	***	90,25	***	
29%		0,64		21,78	***	82,81	***	
28%		0,36		19,22	***	75,69	***	
27%		0,16		16,82	***	68,89	***	
26%		0,04	not significant	14,58	***	62,41	***	
25%		(1)	range	12,5	**	56,25	***	
24%		0.04		10,58	**	50,41	***	
23%		0,16		8,82	*	44,89	***	
22%		0,36		7,22	*	39,69	***	
21%		0,64		5,78		34,81	***	
20%		1		4,5		30,25	***	
19%		1,44		3,38		26,01	***	
18%		1,96		2,42		22,09	***	
17%		2,56		1,62		18,49	***	
16%		3,24	(2 s)	0,98		15,21	**	
15%		4	(*)	0,44		12,25	**	
14%		4,84	(*)	0,18		9,61	*	
13%		5,76	(*)	0,02	not significant range	7,29		
12%		6,76	(**)	0,02		5,29		
11%		7,84	(**)	0,18		3,61		
10%		9	(**)	0,44		2,25		
9%		10,24	(**)	0,98		1,21		
8%		11,56	(***)	1,62		0,49		
7%		12,96	(***)	2,42		0,09		not significant range
6%		14,44	(***)	3,38		0,09		
5%		16	(***)	4,5		0,25		
4%		17,64	(***)	5,78	(2 s.)	0,81		
3%		19,36	(***)	7,22	(*)	1,69		
2%		21,16	(***)	8,82	(*)	2,89		
1%		23,04	(***)	10,58	(**)	4,41		
0%		25	(***)	12,5	(**)	6,25		
[o%]								
.	expectation, e%	[e%]	25%	12,5%		6,25%		
			1 df	2 df		3 df		degree of freedom

{Error probabilities; (α < 0,001*** < 0,01** < 0,05*)}

Not significant range followed by statistical question of two sides (2 s).

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