

df	$p = 0.10$	$p = 0.05$	$p = 0.01$
1	2.706	3.841	6.635
2	4.605	5.991	9.210
3	6.251	7.815	11.345
4	7.779	9.488	13.277
5	9.236	11.070	15.086
6	10.645	12.592	16.812
7	12.017	14.067	18.475
8	13.362	15.507	20.090
9	14.684	16.919	21.666
10	15.987	18.307	23.209
11	17.275	19.675	24.725
12	18.549	21.026	26.217
13	19.812	22.362	27.688
14	21.064	23.685	29.141
15	22.307	24.996	30.578
16	23.542	26.296	32.000
17	24.769	27.587	33.409
18	25.989	28.869	34.805
19	27.204	30.144	36.191
20	28.412	31.410	37.566
100	118.498	124.342	135.807

Degrees of Freedom

Like with the t-test and ANOVA, the degrees of freedom are based on which kind of analysis you are conducting.

- χ^2_{GoF} Goodness of Fit: $k - 1$
 - k is the number of categories.
- χ^2_{ToI} Test of Independence: $(R - 1) \times (C - 1)$
 - R is the number of rows
 - C is the number of columns
- Kruskal-Wallis Test: $k - 1$
 - k is the number of groups

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