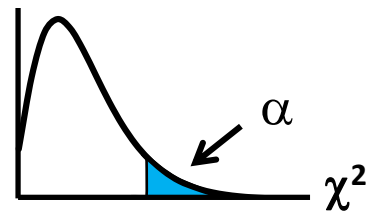


Table of χ^2 values

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This table shows the χ^2 value corresponding to the α value as shown. The α value is the area under the curve to the right of the χ^2 value.



df	$\alpha = 0.995$	$\alpha = 0.975$	$\alpha = 0.05$	$\alpha = 0.025$	$\alpha = 0.02$	$\alpha = 0.01$	$\alpha = 0.001$
1	0.000	0.001	3.841	5.024	5.412	6.635	10.828
2	0.010	0.051	5.991	7.378	7.824	9.210	13.816
3	0.072	0.216	7.815	9.348	9.837	11.345	16.266
4	0.207	0.484	9.488	11.143	11.668	13.277	18.467
5	0.412	0.831	11.070	12.833	13.388	15.086	20.515
6	0.676	1.237	12.592	14.449	15.033	16.812	22.458
7	0.989	1.690	14.067	16.013	16.622	18.475	24.322
8	1.344	2.180	15.507	17.535	18.168	20.090	26.124
9	1.735	2.700	16.919	19.023	19.679	21.666	27.877
10	2.156	3.247	18.307	20.483	21.161	23.209	29.588
11	2.603	3.816	19.675	21.920	22.618	24.725	31.264
12	3.074	4.404	21.026	23.337	24.054	26.217	32.909
13	3.565	5.009	22.362	24.736	25.472	27.688	34.528
14	4.075	5.629	23.685	26.119	26.873	29.141	36.123
15	4.601	6.262	24.996	27.488	28.259	30.578	37.697
16	5.142	6.908	26.296	28.845	29.633	32.000	39.252
17	5.697	7.564	27.587	30.191	30.995	33.409	40.790
18	6.265	8.231	28.869	31.526	32.346	34.805	42.312
19	6.844	8.907	30.144	32.852	33.687	36.191	43.820
20	7.434	9.591	31.410	34.170	35.020	37.566	45.315
21	8.034	10.283	32.671	35.479	36.343	38.932	46.797
22	8.643	10.982	33.924	36.781	37.659	40.289	48.268
23	9.260	11.689	35.172	38.076	38.968	41.638	49.728
24	9.886	12.401	36.415	39.364	40.270	42.980	51.179
25	10.520	13.120	37.652	40.646	41.566	44.314	52.620
26	11.160	13.844	38.885	41.923	42.856	45.642	54.052
27	11.808	14.573	40.113	43.195	44.140	46.963	55.476
28	12.461	15.308	41.337	44.461	45.419	48.278	56.892
29	13.121	16.047	42.557	45.722	46.693	49.588	58.301
30	13.787	16.791	43.773	46.979	47.962	50.892	59.703
31	14.458	17.539	44.985	48.232	49.226	52.191	61.098
32	15.134	18.291	46.194	49.480	50.487	53.486	62.487
33	15.815	19.047	47.400	50.725	51.743	54.776	63.870
34	16.501	19.806	48.602	51.966	52.995	56.061	65.247
35	17.192	20.569	49.802	53.203	54.244	57.342	66.619
40	20.707	24.433	55.758	59.342	60.436	63.691	73.402
50	27.991	32.357	67.505	71.420	72.613	76.154	86.661
60	35.534	40.482	79.082	83.298	84.580	88.379	99.607
70	43.275	48.758	90.531	95.023	96.388	100.425	112.317
80	51.172	57.153	101.879	106.629	108.069	112.329	124.839
90	59.196	65.647	113.145	118.136	119.648	124.116	137.208
100	67.328	74.222	124.342	129.561	131.142	135.807	149.449

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