

Chi-Squared Table

Probability of rejecting the null hypothesis

df	0.995	0.99	0.975	0.95	0.8	0.6	0.4	0.2	0.1	0.01
1	7.8794	6.6349	5.0239	3.8415	1.6424	0.7083	0.2750	0.0642	0.0158	0.0002
2	10.5966	9.2103	7.3778	5.9915	3.2189	1.8326	1.0217	0.4463	0.2107	0.0201
3	12.8382	11.3449	9.3484	7.8147	4.6416	2.9462	1.8692	1.0052	0.5844	0.1148
4	14.8603	13.2767	11.1433	9.4877	5.9886	4.0446	2.7528	1.6488	1.0636	0.2971
5	16.7496	15.0863	12.8325	11.0705	7.2893	5.1319	3.6555	2.3425	1.6103	0.5543
6	18.5476	16.8119	14.4494	12.5916	8.5581	6.2108	4.5702	3.0701	2.2041	0.8721
7	20.2777	18.4753	16.0128	14.0671	9.8032	7.2832	5.4932	3.8223	2.8331	1.2390
8	21.9550	20.0902	17.5345	15.5073	11.0301	8.3505	6.4226	4.5936	3.4895	1.6465
9	23.5894	21.6660	19.0228	16.9190	12.2421	9.4136	7.3570	5.3801	4.1682	2.0879
10	25.1882	23.2093	20.4832	18.3070	13.4420	10.4732	8.2955	6.1791	4.8652	2.5582
11	26.7568	24.7250	21.9200	19.6751	14.6314	11.5298	9.2373	6.9887	5.5778	3.0535
12	28.2995	26.2170	23.3367	21.0261	15.8120	12.5838	10.1820	7.8073	6.3038	3.5706
13	29.8195	27.6882	24.7356	22.3620	16.9848	13.6356	11.1291	8.6339	7.0415	4.1069
14	31.3193	29.1412	26.1189	23.6848	18.1508	14.6853	12.0785	9.4673	7.7895	4.6604
15	32.8013	30.5779	27.4884	24.9958	19.3107	15.7332	13.0297	10.3070	8.5468	5.2293
16	34.2672	31.9999	28.8454	26.2962	20.4651	16.7795	13.9827	11.1521	9.3122	5.8122
17	35.7185	33.4087	30.1910	27.5871	21.6146	17.8244	14.9373	12.0023	10.0852	6.4078
18	37.1565	34.8053	31.5264	28.8693	22.7595	18.8679	15.8932	12.8570	10.8649	7.0149
19	38.5823	36.1909	32.8523	30.1435	23.9004	19.9102	16.8504	13.7158	11.6509	7.6327
20	39.9968	37.5662	34.1696	31.4104	25.0375	20.9514	17.8088	14.5784	12.4426	8.2604
21	41.4011	38.9322	35.4789	32.6706	26.1711	21.9915	18.7683	15.4446	13.2396	8.8972
22	42.7957	40.2894	36.7807	33.9244	27.3015	23.0307	19.7288	16.3140	14.0415	9.5425
23	44.1813	41.6384	38.0756	35.1725	28.4288	24.0689	20.6902	17.1865	14.8480	10.1957
24	45.5585	42.9798	39.3641	36.4150	29.5533	25.1063	21.6525	18.0618	15.6587	10.8564
25	46.9279	44.3141	40.6465	37.6525	30.6752	26.1430	22.6156	18.9398	16.4734	11.5240
26	48.2899	45.6417	41.9232	38.8851	31.7946	27.1789	23.5794	19.8202	17.2919	12.1981
27	49.6449	46.9629	43.1945	40.1133	32.9117	28.2141	24.5440	20.7030	18.1139	12.8785
28	50.9934	48.2782	44.4608	41.3371	34.0266	29.2486	25.5093	21.5880	18.9392	13.5647
29	52.3356	49.5879	45.7223	42.5570	35.1394	30.2825	26.4751	22.4751	19.7677	14.2565
30	53.6720	50.8922	46.9792	43.7730	36.2502	31.3159	27.4416	23.3641	20.5992	14.9535
35	60.2748	57.3421	53.2033	49.8018	41.7780	36.4746	32.2821	27.8359	24.7967	18.5089
40	66.7660	63.6907	59.3417	55.7585	47.2685	41.6222	37.1340	32.3450	29.0505	22.1643
50	79.4900	76.1539	71.4202	67.5048	58.1638	51.8916	46.8638	41.4492	37.6886	29.7067
60	91.9517	88.3794	83.2977	79.0819	68.9721	62.1348	56.6200	50.6406	46.4589	37.4849
70	104.2149	100.4252	95.0232	90.5312	79.7146	72.3583	66.3961	59.8978	55.3289	45.4417
80	116.3211	112.3288	106.6286	101.8795	90.4053	82.5663	76.1879	69.2069	64.2778	53.5401
90	128.2989	124.1163	118.1359	113.1453	101.0537	92.7614	85.9925	78.5584	73.2911	61.7541
100	140.1695	135.8067	129.5612	124.3421	111.6667	102.9459	95.8078	87.9453	82.3581	70.0649