

***Factsheet:* Critical Values of the χ^2 Statistic**

df	α						df
	0.1	0.05	0.025	0.01	0.005	0.001	
1	2.706	3.841	5.024	6.635	7.879	10.828	1
2	4.605	5.991	7.378	9.210	10.597	13.816	2
3	6.251	7.815	9.348	11.345	12.838	16.266	3
4	7.779	9.488	11.143	13.277	14.860	18.467	4
5	9.236	11.070	12.833	15.086	16.750	20.515	5
6	10.645	12.592	14.449	16.812	18.548	22.458	6
7	12.017	14.067	16.013	18.475	20.278	24.322	7
8	13.362	15.507	17.535	20.090	21.955	26.124	8
9	14.684	16.919	19.023	21.666	23.589	27.877	9
10	15.987	18.307	20.483	23.209	25.188	29.588	10
11	17.275	19.675	21.920	24.725	26.757	31.264	11
12	18.549	21.026	23.337	26.217	28.300	32.909	12
13	19.812	22.362	24.736	27.688	29.819	34.528	13
14	21.064	23.685	26.119	29.141	31.319	36.123	14
15	22.307	24.996	27.488	30.578	32.801	37.697	15
16	23.542	26.296	28.845	32.000	34.267	39.252	16
17	24.769	27.587	30.191	33.409	35.718	40.790	17
18	25.989	28.869	31.526	34.805	37.156	42.312	18
19	27.204	30.144	32.852	36.191	38.582	43.820	19
20	28.412	31.410	34.170	37.566	39.997	45.315	20
21	29.615	32.671	35.479	38.932	41.401	46.797	21
22	30.813	33.924	36.781	40.289	42.796	48.268	22
23	32.007	35.172	38.076	41.638	44.181	49.728	23
24	33.196	36.415	39.364	42.980	45.559	51.179	24
25	34.382	37.652	40.646	44.314	46.928	52.620	25
26	35.563	38.885	41.923	45.642	48.290	54.052	26
27	36.741	40.113	43.195	46.963	49.645	55.476	27
28	37.916	41.337	44.461	48.278	50.993	56.892	28
29	39.087	42.557	45.722	49.588	52.336	58.301	29
30	40.256	43.773	46.979	50.892	53.672	59.703	30
40	51.805	55.758	59.342	63.691	66.766	73.402	40
50	63.167	67.505	71.420	76.154	79.490	86.661	50
60	74.397	79.082	83.298	88.379	91.952	99.607	60
70	85.527	90.531	95.023	100.425	104.215	112.317	70
80	96.578	101.879	106.629	112.329	116.321	124.839	80
90	107.565	113.145	118.136	124.116	128.299	137.208	90
100	118.498	124.342	129.561	135.807	140.169	149.449	100

Want to know more?

If you have any further questions about this topic you can make an appointment to see a **Learning Enhancement Tutor** in the **Student Support Service**, as well as speaking to your lecturer or adviser.

- 📞 Call: 01603 592761
- 💻 Ask: ask.let@uea.ac.uk
- 🖱️ Click: <https://portal.uea.ac.uk/student-support-service/learning-enhancement>

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