

Critical χ^2 Values

d.f.	Significance Level (Upper Tail)					
	.1	.05	.025	.01	.005	.001
1	2.71	3.84	5.03	6.64	7.88	10.83
2	4.61	5.99	7.38	9.21	10.6	13.82
3	6.25	7.81	9.35	11.34	12.84	16.27
4	7.78	9.49	11.14	13.28	14.86	18.47
5	9.24	11.07	12.83	15.09	16.75	20.52
6	10.64	12.59	14.45	16.81	18.55	22.46
7	12.02	14.07	16.01	18.48	20.28	24.32
8	13.36	15.51	17.53	20.09	21.95	26.12
9	14.68	16.92	19.02	21.67	23.59	27.88
10	15.99	18.31	20.49	23.21	25.19	29.59
11	17.28	19.68	21.92	24.73	26.76	31.26
12	18.55	21.03	23.34	26.22	28.3	32.91
13	19.81	22.36	24.74	27.69	29.82	34.53
14	21.07	23.69	26.12	29.14	31.32	36.12
15	22.31	25	27.49	30.58	32.8	37.7
16	23.54	26.3	28.85	32	34.27	39.25
17	24.77	27.59	30.19	33.41	35.72	40.79
18	25.99	28.87	31.53	34.81	37.16	42.31
19	27.2	30.15	32.86	36.19	38.58	43.82
20	28.41	31.41	34.17	37.57	40	45.31
21	29.62	32.67	35.48	38.94	41.4	46.8
22	30.81	33.93	36.78	40.29	42.8	48.27
23	32.01	35.18	38.08	41.64	44.18	49.73
24	33.2	36.42	39.37	42.98	45.56	51.18
25	34.38	37.66	40.65	44.32	46.93	52.62
26	35.56	38.89	41.93	45.65	48.29	54.05
27	36.74	40.12	43.2	46.97	49.64	55.48
28	37.92	41.34	44.47	48.28	50.99	56.89
29	39.09	42.56	45.73	49.59	52.34	58.3
30	40.26	43.78	46.98	50.9	53.67	59.7