

Chi-Square Table

dF (v) ↓	α-risk (alpha risk)									
	0.995	0.99	0.975	0.95	0.9	0.1	0.05	0.025	0.01	0.005
1	0.0000	0.0002	0.0010	0.004	0.016	2.71	3.84	5.02	6.63	7.88
2	0.0100	0.020	0.051	0.103	0.21	4.61	5.99	7.38	9.21	10.60
3	0.072	0.115	0.216	0.35	0.58	6.25	7.81	9.35	11.34	12.84
4	0.207	0.297	0.484	0.711	1.064	7.78	9.49	11.14	13.28	14.86
5	0.412	0.554	0.831	1.145	1.61	9.24	11.07	12.83	15.09	16.75
6	0.676	0.872	1.237	1.635	2.204	10.64	12.59	14.45	16.81	18.55
7	0.989	1.239	1.690	2.167	2.833	12.02	14.07	16.01	18.48	20.28
8	1.344	1.647	2.180	2.733	3.49	13.36	15.51	17.53	20.09	21.95
9	1.735	2.088	2.700	3.325	4.168	14.68	16.92	19.02	21.67	23.59
10	2.156	2.558	3.247	3.940	4.865	15.99	18.31	20.48	23.21	25.19
11	2.603	3.053	3.816	4.575	5.578	17.28	19.68	21.92	24.73	26.76
12	3.074	3.571	4.404	5.226	6.304	18.55	21.03	23.34	26.22	28.30
13	3.565	4.107	5.009	5.892	7.041	19.81	22.36	24.74	27.69	29.82
14	4.075	4.660	5.629	6.571	7.79	21.06	23.68	26.12	29.14	31.32
15	4.601	5.229	6.262	7.261	8.547	22.31	25.00	27.49	30.58	32.80
16	5.142	5.812	6.908	7.962	9.312	23.54	26.30	28.85	32.00	34.27
17	5.697	6.408	7.564	8.672	10.09	24.77	27.59	30.19	33.41	35.72
18	6.265	7.015	8.231	9.390	10.86	25.99	28.87	31.53	34.81	37.16
19	6.844	7.633	8.907	10.117	11.65	27.20	30.14	32.85	36.19	38.58
20	7.434	8.260	9.591	10.851	12.44	28.41	31.41	34.17	37.57	40.00
21	8.034	8.897	10.283	11.591	13.24	29.62	32.67	35.48	38.93	41.40
22	8.643	9.542	10.982	12.338	14.04	30.81	33.92	36.78	40.29	42.80
23	9.260	10.196	11.689	13.091	14.85	32.01	35.17	38.08	41.64	44.18
24	9.886	10.856	12.401	13.848	15.66	33.20	36.42	39.36	42.98	45.56
25	10.520	11.524	13.120	14.611	16.47	34.38	37.65	40.65	44.31	46.93
26	11.160	12.198	13.844	15.379	17.29	35.56	38.89	41.92	45.64	48.29
27	11.808	12.878	14.573	16.151	18.11	36.74	40.11	43.19	46.96	49.65
28	12.461	13.565	15.308	16.928	18.94	37.92	41.34	44.46	48.28	50.99
29	13.121	14.256	16.047	17.708	19.77	39.09	42.56	45.72	49.59	52.34
30	13.787	14.953	16.791	18.493	20.6	40.26	43.77	46.98	50.89	53.67
40	20.707	22.164	24.433	26.509	29.05	51.81	55.76	59.34	63.69	66.77
60	35.534	37.485	40.482	43.188	46.46	74.40	79.08	83.30	88.38	91.95
120	83.852	86.923	91.573	95.705	100.6	140.23	146.57	152.21	158.95	163.65