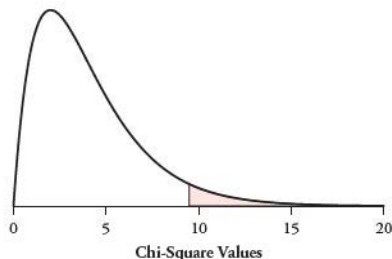


Table IV: Chi-Square Distribution Critical Values



The table reports the critical value for which the area to the right is as indicated.

Area to Right	0.2	0.1	0.05	0.025	.02	0.01	0.005	0.001	0.0005
df									
1	1.64	2.71	3.84	5.02	5.41	6.63	7.88	10.83	12.12
2	3.22	4.61	5.99	7.38	7.82	9.21	10.60	13.82	15.20
3	4.64	6.25	7.81	9.35	9.84	11.34	12.84	16.27	17.73
4	5.99	7.78	9.49	11.14	11.67	13.28	14.86	18.47	20.00
5	7.29	9.24	11.07	12.83	13.39	15.09	16.75	20.52	22.11
6	8.56	10.64	12.59	14.45	15.03	16.81	18.55	22.46	24.10
7	9.80	12.02	14.07	16.01	16.62	18.48	20.28	24.32	26.02
8	11.03	13.36	15.51	17.53	18.17	20.09	21.96	26.12	27.87
9	12.24	14.68	16.92	19.02	19.68	21.67	23.59	27.88	29.67
10	13.44	15.99	18.31	20.48	21.16	23.21	25.19	29.59	31.42
11	14.63	17.28	19.68	21.92	22.62	24.73	26.76	31.26	33.14
12	15.81	18.55	21.03	23.34	24.05	26.22	28.30	32.91	34.82
13	16.98	19.81	22.36	24.74	25.47	27.69	29.82	34.53	36.48
14	18.15	21.06	23.68	26.12	26.87	29.14	31.32	36.12	38.11
15	19.31	22.31	25.00	27.49	28.26	30.58	32.80	37.70	39.72
16	20.47	23.54	26.30	28.85	29.63	32.00	34.27	39.25	41.31
17	21.61	24.77	27.59	30.19	31.00	33.41	35.72	40.79	42.88
18	22.76	25.99	28.87	31.53	32.35	34.81	37.16	42.31	44.43
19	23.90	27.20	30.14	32.85	33.69	36.19	38.58	43.82	45.97
20	25.04	28.41	31.41	34.17	35.02	37.57	40.00	45.31	47.50
21	26.17	29.62	32.67	35.48	36.34	38.93	41.40	46.80	49.01
22	27.30	30.81	33.92	36.78	37.66	40.29	42.80	48.27	50.51
23	28.43	32.01	35.17	38.08	38.97	41.64	44.18	49.73	52.00
24	29.55	33.20	36.42	39.36	40.27	42.98	45.56	51.18	53.48
25	30.68	34.38	37.65	40.65	41.57	44.31	46.93	52.62	54.95
26	31.79	35.56	38.89	41.92	42.86	45.64	48.29	54.05	56.41
27	32.91	36.74	40.11	43.19	44.14	46.96	49.64	55.48	57.86
28	34.03	37.92	41.34	44.46	45.42	48.28	50.99	56.89	59.30
29	35.14	39.09	42.56	45.72	46.69	49.59	52.34	58.30	60.73
30	36.25	40.26	43.77	46.98	47.96	50.89	53.67	59.70	62.16
40	47.27	51.81	55.76	59.34	60.44	63.69	66.77	73.40	76.09
50	58.16	63.17	67.50	71.42	72.61	76.15	79.49	86.66	89.56
60	68.97	74.40	79.08	83.30	84.58	88.38	91.95	99.61	102.70
80	90.41	96.58	101.88	106.63	108.07	112.33	116.32	124.84	128.26
100	111.67	118.50	124.34	129.56	131.14	135.81	140.17	149.45	153.17