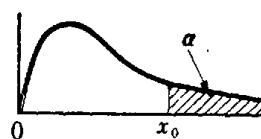


表 4 カイ 2 乗分布表 $P\{x \geq x_0\} = \alpha \rightarrow x_0$



自由度 k	α									
	0.995	0.99	0.975	0.95	0.90	0.10	0.05	0.025	0.01	0.005
1	0.000	0.000	0.001	0.003	0.016	2.71	3.84	5.02	6.63	7.88
2	0.010	0.020	0.051	0.103	0.211	4.61	5.99	7.38	9.21	10.60
3	0.072	0.115	0.216	0.352	0.584	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	1.610	9.24	11.07	12.83	15.09	16.75
6	0.676	0.872	1.237	1.635	2.20	10.64	12.59	14.45	16.81	18.55
7	0.989	1.239	1.690	2.17	2.83	12.02	14.07	16.01	18.48	20.3
8	1.344	1.646	2.18	2.73	3.49	13.36	15.51	17.53	20.1	22.0
9	1.735	2.09	2.70	3.33	4.17	14.68	16.92	19.02	21.7	23.6
10	2.16	2.56	3.25	3.94	4.87	15.99	18.31	20.5	23.2	25.2
11	2.60	3.05	3.82	4.57	5.58	17.28	19.68	21.9	24.7	26.8
12	3.07	3.57	4.40	5.23	6.30	18.55	21.0	23.3	26.2	28.3
13	3.57	4.11	5.01	5.89	7.04	19.81	22.4	24.7	27.7	29.8
14	4.07	4.66	5.63	6.57	7.79	21.1	23.7	26.1	29.1	31.3
15	4.60	5.23	6.26	7.26	8.55	22.3	25.0	27.5	30.6	32.8
16	5.14	5.81	6.91	7.96	9.31	23.5	26.3	28.8	32.0	34.3
17	5.70	6.41	7.56	8.67	10.09	24.8	27.6	30.2	33.4	35.7
18	6.26	7.01	8.23	9.39	10.86	26.0	28.9	31.5	34.8	37.2
19	6.84	7.63	8.91	10.12	11.65	27.2	30.1	32.9	36.2	38.6
20	7.43	8.26	9.59	10.85	12.44	28.4	31.4	34.2	37.6	40.0
21	8.03	8.90	10.28	11.59	13.24	29.6	32.7	35.5	38.9	41.4
22	8.64	9.54	10.98	12.34	14.04	30.8	33.9	36.8	40.3	42.8
23	9.26	10.20	11.69	13.09	14.85	32.0	35.2	38.1	41.6	44.2
24	9.89	10.86	12.40	13.85	15.66	33.2	36.4	39.4	43.0	45.6
25	10.52	11.52	13.12	14.61	16.47	34.4	37.7	40.6	44.3	46.9
26	11.16	12.20	13.84	15.38	17.29	35.6	38.9	41.9	45.6	48.3
27	11.81	12.88	14.57	16.15	18.11	36.7	40.1	43.2	47.0	49.6
28	12.46	13.56	15.31	16.93	18.94	37.9	41.3	44.5	48.3	51.0
29	13.12	14.26	16.05	17.71	19.77	39.1	42.6	45.7	49.6	52.3
30	13.79	14.95	16.79	18.49	20.6	40.3	43.8	47.0	50.9	53.7

$n > 30$ ならば $t = \sqrt{2x} - \sqrt{2n-1}$ の分布は正規分布 $N(0, 1)$ とみなしよ。