Таблица процентных точек распределения хи-квадрат $\chi^2_{k,\alpha}$

k \ α	0.990	0.975	0.950	0.900	0.700	0.500	0.300	0.100	0.050	0.025	0.010	0.001
1	0.000	0.001	0.004	0.016	0.148	0.455	1.074	2.706	3.841	5.024	6.635	10.828
2	0.020	0.051	0.103	0.211	0.713	1.386	2.408	4.605	5.991	7.378	9.210	13.816
3	0.115	0.216	0.352	0.584	1.424	2.366	3.665	6.251	7.815	9.348	11.345	16.266
4	0.297	0.484	0.711	1.064	2.195	3.357	4.878	7.779	9.488	11.143	13.277	18.467
5	0.554	0.831	1.145	1.610	3.000	4.351	6.064	9.236	11.070	12.833	15.086	20.515
6	0.872	1.237	1.635	2.204	3.828	5.348	7.231	10.645	12.592	14.449	16.812	22.458
7	1.239	1.690	2.167	2.833	4.671	6.346	8.383	12.017	14.067	16.013	18.475	24.322
8	1.646	2.180	2.733	3.490	5.527	7.344	9.524	13.362	15.507	17.535	20.090	26.124
9	2.088	2.700	3.325	4.168	6.393	8.343	10.656	14.684	16.919	19.023	21.666	27.877
10	2.558	3.247	3.940	4.865	7.267	9.342	11.781	15.987	18.307	20.483	23.209	29.588
11	3.053	3.816	4.575	5.578	8.148	10.341	12.899	17.275	19.675	21.920	24.725	31.264
12	3.571	4.404	5.226	6.304	9.034	11.340	14.011	18.549	21.026	23.337	26.217	32.909
13	4.107	5.009	5.892	7.042	9.926	12.340	15.119	19.812	22.362	24.736	27.688	34.528
14	4.660	5.629	6.571	7.790	10.821	13.339	16.222	21.064	23.685	26.119	29.141	36.123
15	5.229	6.262	7.261	8.547	11.721	14.339	17.322	22.307	24.996	27.488	30.578	37.697
16	5.812	6.908	7.962	9.312	12.624	15.338	18.418	23.542	26.296	28.845	32.000	39.252
17	6.408	7.564	8.672	10.085	13.531	16.338	19.511	24.769	27.587	30.191	33.409	40.790
18	7.015	8.231	9.390	10.865	14.440	17.338	20.601	25.989	28.869	31.526	34.805	42.312
19	7.633	8.907	10.117	11.651	15.352	18.338	21.689	27.204	30.144	32.852	36.191	43.820
20	8.260	9.591	10.851	12.443	16.266	19.337	22.775	28.412	31.410	34.170	37.566	45.315
21	8.897	10.283	11.591	13.240	17.182	20.337	23.858	29.615	32.671	35.479	38.932	46.797
22	9.542	10.982	12.338	14.041	18.101	21.337	24.939	30.813	33.924	36.781	40.289	48.268
23	10.196	11.689	13.091	14.848	19.021	22.337	26.018	32.007	35.172	38.076	41.638	49.728
24	10.856	12.401	13.848	15.659	19.943	23.337	27.096	33.196	36.415	39.364	42.980	51.179
25	11.524	13.120	14.611	16.473	20.867	24.337	28.172	34.382	37.652	40.646	44.314	52.620
26	12.198	13.844	15.379	17.292	21.792	25.336	29.246	35.563	38.885	41.923	45.642	54.052
27	12.879	14.573	16.151	18.114	22.719	26.336	30.319	36.741	40.113	43.195	46.963	55.476
28	13.565	15.308	16.928	18.939	23.647	27.336	31.391	37.916	41.337	44.461	48.278	56.892
29	14.256	16.047	17.708	19.768	24.577	28.336	32.461	39.087	42.557	45.722	49.588	58.301
30	14.953	16.791	18.493	20.599	25.508	29.336	33.530	40.256	43.773	46.979	50.892	59.703

Примечание. $\chi^2_{k,\alpha}$ — такое число, что $P\left(Y > \chi^2_{k,\alpha}\right) = \alpha$, $Y \sim \chi^2_k$.