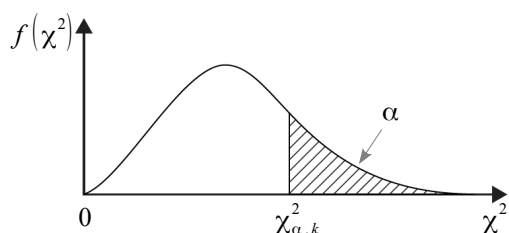


Tablica. Rozkład *chi* – kwadrat



$$P(\chi^2 \geq \chi^2_{\alpha,k}) = \alpha$$

<i>k</i>	α											<i>k</i>
	0,9995	0,999	0,995	0,99	0,975	0,95	0,90	0,80	0,70	0,60	0,50	
1	0,0 ⁶ 393	0,0 ⁵ 157	0,0 ⁴ 393	0,0 ³ 157	0,0 ² 982	0,0 ² 393	0,0158	0,0642	0,148	0,275	0,455	1
2	0,0 ² 100	0,0 ² 200	0,0100	0,0201	0,0506	0,103	0,211	0,446	0,713	1,022	1,386	2
3	0,0153	0,0243	0,0717	0,115	0,216	0,352	0,584	1,005	1,424	1,869	2,366	3
4	0,0639	0,0908	0,207	0,297	0,484	0,711	1,064	1,649	2,195	2,753	3,357	4
5	0,158	0,210	0,412	0,554	0,831	1,145	1,610	2,343	3,000	3,655	4,351	5
6	0,299	0,381	0,676	0,872	1,237	1,635	2,204	3,070	3,828	4,570	5,348	6
7	0,485	0,598	0,989	1,239	1,690	2,167	2,833	3,822	4,671	5,493	6,346	7
8	0,710	0,857	1,344	1,646	2,180	2,733	3,490	4,594	5,527	6,423	7,344	8
9	0,972	1,153	1,735	2,088	2,700	3,325	4,168	5,380	6,393	7,357	8,343	9
10	1,265	1,479	2,156	2,558	3,247	3,940	4,865	6,179	7,267	8,295	9,342	10
11	1,587	1,834	2,603	3,053	3,816	4,575	5,578	6,989	8,148	9,237	10,341	11
12	1,934	2,214	3,074	3,571	4,404	5,226	6,304	7,807	9,034	10,182	11,340	12
13	2,305	2,617	3,565	4,107	5,009	5,892	7,042	8,634	9,926	11,129	12,340	13
14	2,697	3,041	4,075	4,660	5,629	6,571	7,790	9,467	10,821	12,079	13,339	14
15	3,108	3,483	4,601	5,229	6,262	7,261	8,547	10,307	11,721	13,030	14,339	15
16	3,536	3,942	5,142	5,812	6,908	7,962	9,312	11,152	12,624	13,983	15,338	16
17	3,980	4,416	5,697	6,408	7,564	8,672	10,085	12,002	13,531	14,937	16,338	17
18	4,439	4,905	6,265	7,015	8,231	9,390	10,865	12,857	14,440	15,893	17,338	18
19	4,912	5,407	6,844	7,633	8,907	10,117	11,651	13,716	15,352	16,850	18,338	19
20	5,398	5,921	7,434	8,260	9,591	10,851	12,443	14,578	16,266	17,809	19,337	20
21	5,896	6,447	8,034	8,897	10,283	11,591	13,240	15,445	17,182	18,768	20,337	21
22	6,404	6,983	8,643	9,542	10,982	12,338	14,041	16,314	18,101	19,279	21,337	22
23	6,924	7,529	9,260	10,196	11,688	13,091	14,848	17,187	19,021	20,690	22,337	23
24	7,453	8,085	9,886	10,856	12,401	13,848	15,659	18,062	19,943	21,652	23,337	24
25	7,991	8,649	10,520	11,524	13,120	14,611	16,473	18,940	20,867	22,616	24,337	25
26	8,538	9,222	11,160	12,198	13,844	15,379	17,292	19,820	21,792	23,579	25,336	26
27	9,093	9,803	11,808	12,879	14,573	16,151	18,114	20,703	22,719	24,544	26,336	27
28	9,656	10,391	12,461	13,565	15,308	16,928	18,939	21,588	23,647	25,509	27,336	28
29	10,227	10,986	13,121	14,256	16,047	17,708	19,768	22,475	24,577	26,475	28,336	29
30	10,804	11,588	13,787	14,953	16,791	18,493	20,599	23,364	25,508	27,442	29,336	30

cd. tablic rozkładu chi - kwadrat

<i>k</i>	α										<i>k</i>
	0,40	0,30	0,20	0,10	0,05	0,025	0,01	0,005	0,001	0,0005	
1	0,708	1,074	1,642	2,706	3,841	5,024	6,635	7,879	10,828	12,116	1
2	1,833	2,408	3,219	4,605	5,991	7,378	9,210	10,597	13,816	15,202	2
3	2,946	3,665	4,642	6,251	7,815	9,348	11,345	12,838	16,266	17,730	3
4	4,045	4,878	5,989	7,779	9,488	11,143	13,277	14,860	18,476	19,997	4
5	5,132	6,064	7,289	9,236	11,070	12,832	15,086	16,750	20,515	22,105	5
6	6,211	7,231	8,558	10,645	12,592	14,449	16,812	18,548	22,458	24,103	6
7	7,283	8,383	9,803	12,017	14,067	16,013	18,475	20,278	24,322	26,018	7
8	8,351	9,524	11,030	13,362	15,507	17,535	20,090	21,955	26,125	27,868	8
9	9,414	10,656	12,242	14,684	16,919	19,023	21,666	23,589	27,877	29,666	9
10	10,473	11,781	13,442	15,987	18,307	20,483	23,209	25,188	29,588	31,420	10
11	11,530	12,899	14,631	17,275	19,675	21,920	24,725	26,757	31,264	33,136	11
12	12,584	14,011	15,812	18,549	21,026	23,336	26,217	28,300	32,909	34,821	12
13	13,636	15,119	16,985	19,812	22,362	24,735	27,688	29,819	34,528	36,478	13
14	14,685	16,222	18,151	21,064	23,685	26,119	29,141	31,319	36,123	38,109	14
15	15,733	17,322	19,311	22,307	24,996	27,488	30,578	32,801	37,697	39,719	15
16	16,780	18,418	20,465	23,542	26,296	28,845	32,000	34,267	39,252	41,308	16
17	17,824	19,511	21,615	24,769	27,587	30,191	33,409	35,718	40,790	42,879	17
18	18,868	20,601	22,760	25,989	28,869	31,526	34,805	37,156	42,312	44,434	18
19	19,910	21,689	23,900	27,204	30,144	32,852	36,191	38,582	43,820	45,973	19
20	20,951	22,775	25,038	28,412	31,410	34,170	37,566	39,997	45,315	47,498	20
21	21,991	23,858	26,171	29,615	32,671	35,479	38,932	41,401	46,797	49,010	21
22	23,031	24,939	27,301	30,813	33,924	36,781	40,289	42,796	48,268	50,511	22
23	24,069	26,018	28,429	32,007	35,172	38,076	41,638	44,181	49,728	52,000	23
24	25,106	27,096	29,553	33,196	36,415	39,364	42,980	45,558	51,179	53,479	24
25	26,143	28,172	30,675	34,382	37,652	40,646	44,314	46,928	52,618	54,947	25
26	27,179	29,246	31,795	35,563	38,885	41,923	45,642	48,290	54,052	56,407	26
27	28,214	30,319	32,912	36,741	40,113	43,194	46,963	49,645	55,476	57,858	27
28	29,249	31,391	34,027	37,916	41,337	44,461	48,278	50,993	56,892	59,300	28
29	30,283	32,461	35,139	39,087	42,557	45,722	49,588	52,336	58,301	60,735	29
30	31,316	33,530	36,250	40,256	43,773	46,979	50,892	53,672	59,703	62,162	30