

# Rozkład chi-kwadrat $\chi_{\alpha, r}$

$r$	$\alpha$	0,9995	0,999	0,995	0,99	0,975	0,95	0,90	0,80	0,70	0,60
1		0,0 <sup>6</sup> 393	0,0 <sup>5</sup> 157	0,0 <sup>4</sup> 393	0,0 <sup>3</sup> 157	0,0 <sup>3</sup> 982	0,0 <sup>2</sup> 393	0,0158	0,0642	0,148	0,275
2		0,0 <sup>2</sup> 100	0,0 <sup>2</sup> 200	0,0100	0,0201	0,0506	0,103	0,211	0,446	0,713	1,022
3		0,0153	0,0243	0,0717	0,115	0,216	0,352	0,584	1,005	1,424	1,869
4		0,0639	0,0908	0,207	0,297	0,484	0,711	1,064	1,649	2,195	2,753
5		0,158	0,210	0,412	0,554	0,831	1,145	1,610	2,343	3,000	3,655
6		0,299	0,381	0,676	0,872	1,237	1,635	2,204	3,070	3,828	4,570
7		0,485	0,598	0,989	1,239	1,690	2,167	2,833	3,822	4,671	5,493
8		0,710	0,857	1,344	1,646	2,180	2,733	3,490	4,594	5,527	6,423
9		0,972	1,153	1,735	2,088	2,700	3,325	4,168	5,380	6,393	7,357
10		1,265	1,479	2,156	2,558	3,247	3,940	4,865	6,179	7,267	8,295
11		1,587	1,834	2,603	3,053	3,816	4,575	5,578	6,989	8,148	9,237
12		1,934	2,214	3,074	3,571	4,404	5,226	6,304	7,807	9,034	10,182
13		2,305	2,617	3,565	4,107	5,009	5,892	7,042	8,634	9,926	11,129
14		2,697	3,041	4,075	4,660	5,629	6,571	7,790	9,467	10,821	12,079
15		3,108	3,483	4,601	5,229	6,262	7,261	8,547	10,307	11,721	13,030
16		3,536	3,942	5,142	5,812	6,908	7,962	9,312	11,152	12,624	13,983
17		3,980	4,416	5,697	6,408	7,564	8,672	10,085	12,002	13,531	14,937
18		4,439	4,905	6,265	7,015	8,231	9,390	10,865	12,857	14,440	15,893
19		4,912	5,407	6,844	7,633	8,907	10,117	11,651	13,716	15,352	16,850
20		5,398	5,921	7,434	8,260	9,591	10,851	12,443	14,578	16,266	17,809
21		5,896	6,447	8,034	8,897	10,283	11,591	13,240	15,445	17,182	18,768
22		6,404	6,983	8,643	9,542	10,982	12,338	14,041	16,314	18,101	19,729
23		6,924	7,529	9,260	10,196	11,688	13,091	14,848	17,187	19,021	20,690
24		7,453	8,085	9,886	10,856	12,401	13,848	15,659	18,062	19,943	21,652
25		7,991	8,649	10,520	11,524	13,120	14,611	16,473	18,940	20,867	22,616
26		8,538	9,222	11,160	12,198	13,844	15,379	17,292	19,820	21,792	23,579
27		9,093	9,803	11,808	12,879	14,573	16,151	18,114	20,703	22,719	24,544
28		9,656	10,391	12,461	13,565	15,308	16,928	18,939	21,588	23,647	25,509
29		10,227	10,986	13,121	14,256	16,047	17,708	19,768	22,475	24,577	26,475
30		10,804	11,588	13,787	14,953	16,791	18,493	20,599	23,364	25,508	27,442
31		11,389	12,196	14,458	15,655	17,539	19,281	21,434	24,255	26,440	28,409
32		11,979	12,811	15,134	16,362	18,291	20,072	22,271	25,148	27,373	29,376
33		12,576	13,431	15,815	17,073	19,047	20,867	23,110	26,042	28,307	30,344
34		13,176	14,057	16,501	17,789	19,806	21,664	23,952	26,938	29,242	31,313
35		13,788	14,688	17,192	18,509	20,569	22,465	24,797	27,836	30,178	32,282
36		14,401	15,324	17,887	19,233	21,336	23,269	25,643	28,735	31,115	33,252
37		15,020	15,965	18,586	19,960	22,106	24,075	26,492	29,635	32,053	34,222
38		15,644	16,611	19,289	20,691	22,878	24,884	27,343	30,537	32,992	35,192
39		16,273	17,262	19,996	21,426	23,654	25,695	28,196	31,441	33,932	36,163
40		16,906	17,916	20,707	22,164	24,433	26,509	29,051	32,345	34,872	37,134
41		17,544	18,575	21,421	22,906	25,215	27,326	29,907	33,251	35,813	38,105
42		18,186	19,238	22,138	23,650	25,909	28,144	30,765	34,157	36,755	39,077
43		18,832	19,905	22,859	24,398	26,785	28,965	31,625	35,065	37,698	40,050
44		19,482	20,576	23,584	25,148	27,575	29,787	32,487	35,974	38,641	41,022
45		20,137	21,251	24,311	25,901	28,366	30,612	33,350	36,884	39,585	41,955
46		20,794	21,929	25,041	26,657	29,160	31,439	34,215	37,795	40,529	42,968
47		21,456	22,610	25,775	27,416	29,956	32,268	35,081	38,708	41,474	43,942
48		22,121	23,295	26,511	28,177	30,755	33,098	35,949	39,621	42,420	44,915
49		22,789	23,983	27,249	28,941	31,555	33,930	36,818	40,534	43,366	45,889
50		23,461	24,674	27,991	29,707	32,357	34,764	37,689	41,449	44,313	46,864
51		24,136	25,368	28,735	30,475	33,162	35,600	38,560	42,365	45,261	47,838
52		24,814	26,065	29,481	31,246	33,968	36,437	39,433	43,281	46,209	48,813
53		25,495	26,765	30,230	32,018	34,776	37,276	40,308	44,199	47,157	49,788
54		26,179	27,468	30,981	32,793	35,586	38,116	41,183	45,117	48,106	50,764
55		26,866	28,173	31,735	33,570	36,398	38,958	42,060	46,036	49,054	51,739