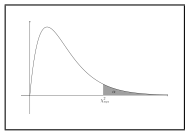
Valores críticos $\chi^2_{n,\alpha}$ da qui-quadrado

$\alpha = P(\chi^2_n > \chi^2_{n,\alpha})$



gl n	$\alpha =$	0,999	0,995	0,990	0,980	0,975	0,950	0,900	0,800	0,200	0,100	0,050	0,025	0,020	0,010	0,005	0,001
1		0,000	0,000	0,000	0,001	0,001	0,004	0,016	0,064	1,642	2,706	3,841	5,024	5,412	6,635	7,879	10,828
2		0,002	0,010	0,020	0,040	0,051	0,103	0,211	0,446	3,219	4,605	5,991	7,378	7,824	9,210	10,597	13,816
3		0,024	0,072	0,115	0,185	0,216	0,352	0,584	1,005	4,642	6,251	7,815	9,348	9,837	11,345	12,838	16,266
4		0,091	0,207	0,297	0,429	0,484	0,711	1,064	1,649	5,989	7,779	9,488	11,143	11,668	13,277	14,860	18,467
5		0,210	0,412	0,554	0,752	0,831	1,145	1,610	2,343	7,289	9,236	11,070	12,833	13,388	15,086	16,750	20,515
6		0,381	0,676	0,872	1,134	1,237	1,635	2,204	3,070	8,558	10,645	12,592	14,449	15,033	16,812	18,548	22,458
7		0,598	0,989	1,239	1,564	1,690	2,167	2,833	3,822	9,803	12,017	14,067	16,013	16,622	18,475	20,278	24,322
8		0,857	1,344	1,646	2,032	2,180	2,733	3,490	4,594	11,030	13,362	15,507	17,535	18,168	20,090	21,955	26,124
9		1,152	1,735	2,088	2,532	2,700	3,325	4,168	5,380	12,242	14,684	16,919	19,023	19,679	21,666	23,589	27,877
10		1,479	2,156	2,558	3,059	3,247	3,940	4,865	6,179	13,442	15,987	18,307	20,483	21,161	23,209	25,188	29,588
11		1,834	2,603	3,053	3,609	3,816	4,575	5,578	6,989	14,631	17,275	19,675	21,920	22,618	24,725	26,757	31,264
12		2,214	3,074	3,571	4,178	4,404	5,226	6,304	7,807	15,812	18,549	21,026	23,337	24,054	26,217	28,300	32,909
13		2,617	3,565	4,107	4,765	5,009	5,892	7,042	8,634	16,985	19,812	22,362	24,736	25,472	27,688	29,819	34,528
14		3,041	4,075	4,660	5,368	5,629	6,571	7,790	9,467	18,151	21,064	23,685	26,119	26,873	29,141	31,319	36,123
15		3,483	4,601	5,229	5,985	6,262	7,261	8,547	10,307	19,311	22,307	24,996	27,488	28,259	30,578	32,801	37,697
16		3,942	5,142	5,812	6,614	6,908	7,962	9,312	11,152	20,465	23,542	26,296	28,845	29,633	32,000	34,267	39,252
17		4,416	5,697	6,408	7,255	7,564	8,672	10,085	12,002	21,615	24,769	27,587	30,191	30,995	33,409	35,718	40,790
18		4,905	6,265	7,015	7,906	8,231	9,390	10,865	12,857	22,760	25,989	28,869	31,526	32,346	34,805	37,156	42,312
19		5,407	6,844	7,633	8,567	8,907	10,117	11,651	13,716	23,900	27,204	30,144	32,852	33,687	36,191	38,582	43,820
20		5,921	7,434	8,260	9,237	9,591	10,851	12,443	14,578	25,038	28,412	31,410	34,170	35,020	37,566	39,997	45,315
21		6,447	8,034	8,897	9,915	10,283	11,591	13,240	15,445	26,171	29,615	32,671	35,479	36,343	38,932	41,401	46,797
22		6,983	8,643	9,542	10,600	10,982	12,338	14,041	16,314	27,301	30,813	33,924	36,781	37,659	40,289	42,796	48,268
23		7,529	9,260	10,196	11,293	11,689	13,091	14,848	17,187	28,429	32,007	35,172	38,076	38,968	41,638	44,181	49,728
24		8,085	9,886	10,856	11,992	12,401	13,848	15,659	18,062	29,553	33,196	36,415	39,364	40,270	42,980	45,559	51,179
25		8,649	10,520	11,524	12,697	13,120	14,611	16,473	18,940	30,675	34,382	37,652	40,646	41,566	44,314	46,928	52,620
26		9,222	11,160	12,198	13,409	13,844	15,379	17,292	19,820	31,795	35,563	38,885	41,923	42,856	45,642	48,290	54,052
27		9,803	11,808	12,879	14,125	14,573	16,151	18,114	20,703	32,912	36,741	40,113	43,195	44,140	46,963	49,645	55,476
28		10,391	12,461	13,565	14,847	15,308	16,928	18,939	21,588	34,027	37,916	41,337	44,461	45,419	48,278	50,993	56,892
29		10,986	13,121	14,256	15,574	16,047	17,708	19,768	22,475	35,139	39,087	42,557	45,722	46,693	49,588	52,336	58,301
30		11,588	13,787	14,953	16,306	16,791	18,493	20,599	23,364	36,250	40,256	43,773	46,979	47,962	50,892	53,672	59,703