

Aulas Particulares + Resolução de Exercícios

Matemática | Estatística | Mat. Financeira | Rac. Lógico-Quantitativo

Av. Ver. José Diniz, 2804 (ao lado da Av. Água Espraiada) - Campo Belo / Moema - São Paulo/SP - Brasil - CEP 04604-005  
Atenção: O local é restrito a realização das aulas, cursos e consultorias. Informações somente pelos telefones, e-mail ou MSN.

## Distribuição Qui-quadrado

gl/q	Área da cauda superior											
	0,995	0,990	0,980	0,975	0,950	0,900	0,100	0,050	0,025	0,020	0,010	0,005
1	0,000	0,000	0,001	0,001	0,004	0,016	2,706	3,841	5,024	5,412	6,635	7,879
2	0,010	0,020	0,040	0,051	0,103	0,211	4,605	5,991	7,378	7,824	9,210	10,597
3	0,072	0,115	0,185	0,216	0,352	0,584	6,251	7,815	9,348	9,837	11,345	12,838
4	0,207	0,297	0,429	0,484	0,711	1,064	7,779	9,488	11,143	11,668	13,277	14,860
5	0,412	0,554	0,752	0,831	1,145	1,610	9,236	11,070	12,833	13,388	15,086	16,750
6	0,676	0,872	1,134	1,237	1,635	2,204	10,645	12,592	14,449	15,033	16,812	18,548
7	0,989	1,239	1,564	1,690	2,167	2,833	12,017	14,067	16,013	16,622	18,475	20,278
8	1,344	1,646	2,032	2,180	2,733	3,490	13,362	15,507	17,535	18,168	20,090	21,955
9	1,735	2,088	2,532	2,700	3,325	4,168	14,684	16,919	19,023	19,679	21,666	23,589
10	2,156	2,558	3,059	3,247	3,940	4,865	15,987	18,307	20,483	21,161	23,209	25,188
11	2,603	3,053	3,609	3,816	4,575	5,578	17,275	19,675	21,920	22,618	24,725	26,757
12	3,074	3,571	4,178	4,404	5,226	6,304	18,549	21,026	23,337	24,054	26,217	28,300
13	3,565	4,107	4,765	5,009	5,892	7,042	19,812	22,362	24,736	25,472	27,688	29,819
14	4,075	4,660	5,368	5,629	6,571	7,790	21,064	23,685	26,119	26,873	29,141	31,319
15	4,601	5,229	5,985	6,262	7,261	8,547	22,307	24,996	27,488	28,259	30,578	32,801
16	5,142	5,812	6,614	6,908	7,962	9,312	23,542	26,296	28,845	29,633	32,000	34,267
17	5,697	6,408	7,255	7,564	8,672	10,085	24,769	27,587	30,191	30,995	33,409	35,718
18	6,265	7,015	7,906	8,231	9,390	10,865	25,989	28,869	31,526	32,346	34,805	37,156
19	6,844	7,633	8,567	8,907	10,117	11,651	27,204	30,144	32,852	33,687	36,191	38,582
20	7,434	8,260	9,237	9,591	10,851	12,443	28,412	31,410	34,170	35,020	37,566	39,997
21	8,034	8,897	9,915	10,283	11,591	13,240	29,615	32,671	35,479	36,343	38,932	41,401
22	8,643	9,542	10,600	10,982	12,338	14,041	30,813	33,924	36,781	37,659	40,289	42,796
23	9,260	10,196	11,293	11,689	13,091	14,848	32,007	35,172	38,076	38,968	41,638	44,181
24	9,886	10,856	11,992	12,401	13,848	15,659	33,196	36,415	39,364	40,270	42,980	45,559
25	10,520	11,524	12,697	13,120	14,611	16,473	34,382	37,652	40,646	41,566	44,314	46,928
26	11,160	12,198	13,409	13,844	15,379	17,292	35,563	38,885	41,923	42,856	45,642	48,290
27	11,808	12,879	14,125	14,573	16,151	18,114	36,741	40,113	43,195	44,140	46,963	49,645
28	12,461	13,565	14,847	15,308	16,928	18,939	37,916	41,337	44,461	45,419	48,278	50,993
29	13,121	14,256	15,574	16,047	17,708	19,768	39,087	42,557	45,722	46,693	49,588	52,336
30	13,787	14,953	16,306	16,791	18,493	20,599	40,256	43,773	46,979	47,962	50,892	53,672
31	14,458	15,655	17,042	17,539	19,281	21,434	41,422	44,985	48,232	49,226	52,191	55,003
32	15,134	16,362	17,783	18,291	20,072	22,271	42,585	46,194	49,480	50,487	53,486	56,328
33	15,815	17,074	18,527	19,047	20,867	23,110	43,745	47,400	50,725	51,743	54,776	57,648
34	16,501	17,789	19,275	19,806	21,664	23,952	44,903	48,602	51,966	52,995	56,061	58,964
35	17,192	18,509	20,027	20,569	22,465	24,797	46,059	49,802	53,203	54,244	57,342	60,275
36	17,887	19,233	20,783	21,336	23,269	25,643	47,212	50,998	54,437	55,489	58,619	61,581
37	18,586	19,960	21,542	22,106	24,075	26,492	48,363	52,192	55,668	56,730	59,893	62,883
38	19,289	20,691	22,304	22,878	24,884	27,343	49,513	53,384	56,896	57,969	61,162	64,181
39	19,996	21,426	23,069	23,654	25,695	28,196	50,660	54,572	58,120	59,204	62,428	65,476
40	20,707	22,164	23,838	24,433	26,509	29,051	51,805	55,758	59,342	60,436	63,691	66,766
50	27,991	29,707	31,664	32,357	34,764	37,689	63,167	67,505	71,420	72,613	76,154	79,490
60	35,534	37,485	39,699	40,482	43,188	46,459	74,397	79,082	83,298	84,580	88,379	91,952
70	43,275	45,442	47,893	48,758	51,739	55,329	85,527	90,531	95,023	96,388	100,425	104,215
80	51,172	53,540	56,213	57,153	60,391	64,278	96,578	101,879	106,629	108,069	112,329	116,321
90	59,196	61,754	64,635	65,647	69,126	73,291	107,565	113,145	118,136	119,648	124,116	128,299
100	67,328	70,065	73,142	74,222	77,929	82,358	118,498	124,342	129,561	131,142	135,807	140,169
120	83,852	86,923	90,367	91,573	95,705	100,624	140,233	146,567	152,211	153,918	158,950	163,648
150	109,142	112,668	116,608	117,985	122,692	128,275	172,581	179,581	185,800	187,678	193,208	198,360

As linhas indicam o número de graus de liberdade (gl) da distribuição Qui-quadrado e as colunas indicam a área na cauda superior. Por exemplo, a linha com 16 gl e coluna 0,10 cujo valor tabelado é 23,542 indica que o valor 23,542 deixa 10% de probabilidade na cauda superior para 16 gl. **Ou seja, dada a probabilidade da cauda superior eu descubro o valor  $X^2$  correspondente.**

Fonte: Microsoft Excel 2007, fórmula INV.QUI.