

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	0,0000	0,0002	0,0006	0,0010	0,0039	0,0158	2,7055	3,8415	5,0239	5,4119	6,6349	7,8794
2	0,0100	0,0201	0,0404	0,0506	0,1026	0,2107	4,6052	5,9915	7,3778	7,8240	9,2103	10,5966
3	0,0717	0,1148	0,1848	0,2158	0,3518	0,5844	6,2514	7,8147	9,3484	9,8374	11,3449	12,8382
4	0,2070	0,2971	0,4294	0,4844	0,7107	1,0636	7,7794	9,4877	11,1433	11,6678	13,2767	14,8603
5	0,4117	0,5543	0,7519	0,8312	1,1455	1,6103	9,2364	11,0705	12,8325	13,3882	15,0863	16,7496
6	0,6757	0,8721	1,1344	1,2373	1,6354	2,2041	10,6446	12,5916	14,4494	15,0332	16,8119	18,5476
7	0,9893	1,2390	1,5643	1,6899	2,1673	2,8331	12,0170	14,0671	16,0128	16,6224	18,4753	20,2777
8	1,3444	1,6465	2,0325	2,1797	2,7326	3,4895	13,3616	15,5073	17,5345	18,1682	20,0902	21,9550
9	1,7349	2,0879	2,5324	2,7004	3,3251	4,1682	14,6837	16,9190	19,0228	19,6790	21,6660	23,5894
10	2,1559	2,5582	3,0591	3,2470	3,9403	4,8652	15,9872	18,3070	20,4832	21,1608	23,2093	25,1882
11	2,6032	3,0535	3,6087	3,8157	4,5748	5,5778	17,2750	19,6751	21,9200	22,6179	24,7250	26,7568
12	3,0738	3,5706	4,1783	4,4038	5,2260	6,3038	18,5493	21,0261	23,3367	24,0540	26,2170	28,2995
13	3,5650	4,1069	4,7654	5,0088	5,8919	7,0415	19,8119	22,3620	24,7356	25,4715	27,6882	29,8195
14	4,0747	4,6604	5,3682	5,6287	6,5706	7,7895	21,0641	23,6848	26,1189	26,8728	29,1412	31,3193
15	4,6009	5,2293	5,9849	6,2621	7,2609	8,5468	22,3071	24,9958	27,4884	28,2595	30,5779	32,8013
16	5,1422	5,8122	6,6142	6,9077	7,9616	9,3122	23,5418	26,2962	28,8454	29,6332	31,9999	34,2672
17	5,6972	6,4078	7,2550	7,5642	8,6718	10,0852	24,7690	27,5871	30,1910	30,9950	33,4087	35,7185
18	6,2648	7,0149	7,9062	8,2307	9,3905	10,8649	25,9894	28,8693	31,5264	32,3462	34,8053	37,1565
19	6,8440	7,6327	8,5670	8,9065	10,1170	11,6509	27,2036	30,1435	32,8523	33,6874	36,1909	38,5823
20	7,4338	8,2604	9,2367	9,5908	10,8508	12,4426	28,4120	31,4104	34,1696	35,0196	37,5662	39,9968
21	8,0337	8,8972	9,9146	10,2829	11,5913	13,2396	29,6151	32,6706	35,4789	36,3434	38,9322	41,4011
22	8,6427	9,5425	10,6000	10,9823	12,3380	14,0415	30,8133	33,9244	36,7807	37,6595	40,2894	42,7957
23	9,2604	10,1957	11,2926	11,6886	13,0905	14,8480	32,0069	35,1725	38,0756	38,9683	41,6384	44,1813
24	9,8862	10,8564	11,9918	12,4012	13,8484	15,6587	33,1962	36,4150	39,3641	40,2704	42,9798	45,5585
25	10,5197	11,5240	12,6973	13,1197	14,6114	16,4734	34,3816	37,6525	40,6465	41,5661	44,3141	46,9279
26	11,1602	12,1981	13,4086	13,8439	15,3792	17,2919	35,5632	38,8851	41,9232	42,8558	45,6417	48,2899
27	11,8076	12,8785	14,1254	14,5734	16,1514	18,1139	36,7412	40,1133	43,1945	44,1400	46,9629	49,6449
28	12,4613	13,5647	14,8475	15,3079	16,9279	18,9392	37,9159	41,3371	44,4608	45,4188	48,2782	50,9934
29	13,1211	14,2565	15,5745	16,0471	17,7084	19,7677	39,0875	42,5570	45,7223	46,6927	49,5879	52,3356
30	13,7867	14,9535	16,3062	16,7908	18,4927	20,5992	40,2560	43,7730	46,9792	47,9618	50,8922	53,6720
31	14,4578	15,6555	17,0423	17,5387	19,2806	21,4336	41,4217	44,9853	48,2319	49,2264	52,1914	55,0027
32	15,1340	16,3622	17,7827	18,2908	20,0719	22,2706	42,5847	46,1943	49,4804	50,4867	53,4858	56,3281
33	15,8153	17,0735	18,5271	19,0467	20,8665	23,1102	43,7452	47,3999	50,7251	51,7429	54,7755	57,6484
34	16,5013	17,7891	19,2754	19,8063	21,6643	23,9523	44,9032	48,6024	51,9660	52,9952	56,0609	58,9639
35	17,1918	18,5089	20,0274	20,5694	22,4650	24,7967	46,0588	49,8018	53,2033	54,2438	57,3421	60,2748
36	17,8867	19,2327	20,7829	21,3359	23,2686	25,6433	47,2122	50,9985	54,4373	55,4889	58,6192	61,5812
37	18,5858	19,9602	21,5419	22,1056	24,0749	26,4921	48,3634	52,1923	55,6680	56,7305	59,8925	62,8833
38	19,2889	20,6914	22,3040	22,8785	24,8839	27,3430	49,5126	53,3835	56,8955	57,9688	61,1621	64,1814
39	19,9959	21,4262	23,0693	23,6543	25,6954	28,1958	50,6598	54,5722	58,1201	59,2040	62,4281	65,4756
40	20,7065	22,1643	23,8376	24,4330	26,5093	29,0505	51,8051	55,7585	59,3417	60,4361	63,6907	66,7660
50	27,9907	29,7067	31,6639	32,3574	34,7643	37,6886	63,1671	67,5048	71,4202	72,6133	76,1539	79,4900
60	35,5345	37,4849	39,6994	40,4817	43,1880	46,4589	74,3970	79,0819	83,2977	84,5799	88,3794	91,9517
70	43,2752	45,4417	47,8934	48,7576	51,7393	55,3289	85,5270	90,5312	95,0232	96,3875	100,4252	104,2149
80	51,1719	53,5401	56,2128	57,1532	60,3915	64,2778	96,5782	101,8795	106,6286	108,0693	112,3288	116,3211
90	59,1963	61,7541	64,6347	65,6466	69,1260	73,2911	107,5650	113,1453	118,1359	119,6485	124,1163	128,2989
100	67,3276	70,0649	73,1422	74,2219	77,9295	82,3581	118,4980	124,3421	129,5612	131,1417	135,8067	140,1695
120	83,8516	86,9233	90,3667	91,5726	95,7046	100,6236	140,2326	146,5674	152,2114	153,9182	158,9502	163,6482
150	109,1422	112,6676	116,6076	117,9845	122,6918	128,2751	172,5812	179,5806	185,8004	187,6785	193,2077	198,3602

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.