tables statistiques

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1 Quantiles de la loi du χ^2

La table donne les quantiles d'ordre α de la loi du khi-2 à k degrés de liberté, c'est-à-dire les valeurs de u telles que $\mathbb{P}(\chi_k^2 \leq u) = \alpha$.

$k \backslash {}^{\alpha}$	0.01	0.025	0.05	0.95	0.975	0.99
1	1.5708e-06	0.0009821	0.003932	3.8415	5.0239	6.6349
2	0.002001	0.05064	0.1026	5.9915	7.3778	9.2103
3	0.02430	0.2158	0.3518	7.8147	9.3484	11.3449
4	0.09080	0.4844	0.7107	9.4877	11.1433	13.2767
5	0.2102	0.8312	1.1455	11.0705	12.8325	15.0863
6	0.3811	1.2373	1.6354	12.5916	14.4494	16.8119
7	0.5985	1.6899	2.1674	14.0671	16.0128	18.4753
8	0.8571	2.1797	2.7326	15.5073	17.5346	20.0902
9	1.1520	2.7004	3.3251	16.9190	19.0228	21.6660
10	1.4787	3.2470	3.9403	18.3070	20.4832	23.2093

2 Quantiles de la loi Normale centrée réduite

La table donne les valeurs de $u_\alpha = \Phi^{-1}(\alpha)$ où $\alpha = \alpha_1 + \alpha_2$. Pour les valeurs de $\alpha < 0.5$, on utilisera la relation $u_\alpha = -u_{1-\alpha}$.

$\alpha_1 \backslash {}^{\alpha_2}$	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
0.900	1.2816	1.2873	1.2930	1.2988	1.3047	1.3106	1.3165	1.3225	1.3285	1.3346
0.910	1.3408	1.3469	1.3532	1.3595	1.3658	1.3722	1.3787	1.3852	1.3917	1.3984
0.920	1.4051	1.4118	1.4187	1.4255	1.4325	1.4395	1.4466	1.4538	1.4611	1.4684
0.930	1.4758	1.4833	1.4909	1.4985	1.5063	1.5141	1.5220	1.5301	1.5382	1.5464
0.940	1.5548	1.5632	1.5718	1.5805	1.5893	1.5982	1.6072	1.6164	1.6258	1.6352
0.950	1.6449	1.6546	1.6646	1.6747	1.6849	1.6954	1.7060	1.7169	1.7279	1.7392
0.960	1.7507	1.7624	1.7744	1.7866	1.7991	1.8119	1.8250	1.8384	1.8522	1.8663
0.970	1.8808	1.8957	1.9110	1.9268	1.9431	1.9600	1.9774	1.9954	2.0141	2.0335
0.980	2.0537	2.0749	2.0969	2.1201	2.1444	2.1701	2.1973	2.2262	2.2571	2.2904
0.990	2.3263	2.3656	2.4089	2.4573	2.5121	2.5758	2.6521	2.7478	2.8782	3.0902

3 Quantiles de la loi de Student

La table donne les quantiles d'ordre α de la loi de Student à ν degrés de liberté, c'est-à-dire les valeurs de t telles que $\mathbb{P}(T_\nu \leq t) = \alpha$.

$\nu \diagdown \alpha$	0.60	0.70	0.80	0.90	0.95	0.975	0.990	0.995	0.999	0.9995
1	0.325	0.727	1.376	3.078	6.314	12.71	31.82	63.66	318.3	636.6
2	0.289	0.617	1.061	1.886	2.920	4.303	6.965	9.925	22.33	31.60
3	0.277	0.584	0.978	1.638	2.353	3.182	4.541	5.841	10.22	12.94
4	0.271	0.569	0.941	1.533	2.132	2.776	3.747	4.604	7.173	8.610
5	0.267	0.559	0.920	1.476	2.015	2.571	3.365	4.032	5.893	6.859
6	0.265	0.553	0.906	1.440	1.943	2.447	3.143	3.707	5.208	5.959
7	0.263	0.549	0.896	1.415	1.895	2.365	2.998	3.499	4.785	5.405
8	0.262	0.546	0.889	1.397	1.860	2.306	2.896	3.355	4.501	5.041
9	0.261	0.543	0.883	1.383	1.833	2.262	2.821	3.250	4.297	4.781
10	0.260	0.542	0.879	1.372	1.812	2.228	2.764	3.169	4.144	4.587
11	0.260	0.540	0.876	1.363	1.796	2.201	2.718	3.106	4.025	4.437
12	0.259	0.539	0.873	1.356	1.782	2.179	2.681	3.055	3.930	4.318
13	0.259	0.538	0.870	1.350	1.771	2.160	2.650	3.012	3.852	4.221
14	0.258	0.537	0.868	1.345	1.761	2.145	2.624	2.977	3.787	4.140
15	0.258	0.536	0.866	1.341	1.753	2.131	2.602	2.947	3.733	4.073
16	0.258	0.535	0.865	1.337	1.746	2.120	2.583	2.921	3.686	4.015
17	0.257	0.534	0.863	1.333	1.740	2.110	2.567	2.898	3.646	3.965
18	0.257	0.534	0.862	1.330	1.734	2.101	2.552	2.878	3.611	3.922
19	0.257	0.533	0.861	1.328	1.729	2.093	2.539	2.861	3.579	3.883
20	0.257	0.533	0.860	1.325	1.725	2.086	2.528	2.845	3.552	3.850