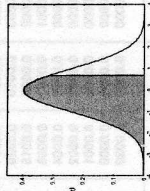


Tavola 3 - Distribuzione normale standardizzata

La tavola fornisce il valore dell'area sottesa dalla distribuzione normale standardizzata $f(z)$, tra

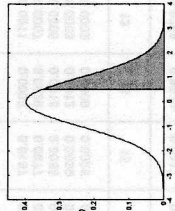
$-\infty$ e z



z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	0.5000	0.5040	0.5080	0.5120	0.5160	0.5199	0.5239	0.5279	0.5319	0.5359
0.1	0.5398	0.5438	0.5478	0.5517	0.5557	0.5596	0.5636	0.5675	0.5714	0.5753
0.2	0.5793	0.5832	0.5871	0.5910	0.5948	0.5987	0.6026	0.6064	0.6103	0.6141
0.3	0.6179	0.6217	0.6255	0.6293	0.6331	0.6368	0.6406	0.6443	0.6480	0.6517
0.4	0.6554	0.6591	0.6628	0.6664	0.6700	0.6736	0.6772	0.6808	0.6844	0.6879
0.5	0.6915	0.6950	0.6985	0.7019	0.7054	0.7088	0.7123	0.7157	0.7190	0.7224
0.6	0.7257	0.7291	0.7324	0.7357	0.7389	0.7422	0.7454	0.7486	0.7517	0.7549
0.7	0.7580	0.7611	0.7642	0.7673	0.7704	0.7734	0.7764	0.7794	0.7823	0.7852
0.8	0.7881	0.7910	0.7939	0.7967	0.7995	0.8023	0.8051	0.8078	0.8106	0.8133
0.9	0.8159	0.8186	0.8212	0.8238	0.8264	0.8289	0.8315	0.8340	0.8365	0.8389
1.0	0.8413	0.8438	0.8461	0.8485	0.8508	0.8531	0.8554	0.8577	0.8599	0.8621
1.1	0.8643	0.8665	0.8686	0.8708	0.8729	0.8749	0.8770	0.8790	0.8810	0.8830
1.2	0.8849	0.8869	0.8888	0.8907	0.8925	0.8944	0.8962	0.8980	0.8997	0.9015
1.3	0.9032	0.9049	0.9066	0.9082	0.9099	0.9115	0.9131	0.9147	0.9162	0.9177
1.4	0.9192	0.9207	0.9222	0.9236	0.9251	0.9265	0.9279	0.9292	0.9306	0.9319
1.5	0.9332	0.9345	0.9357	0.9370	0.9382	0.9394	0.9406	0.9418	0.9429	0.9441
1.6	0.9452	0.9463	0.9474	0.9484	0.9495	0.9505	0.9515	0.9525	0.9535	0.9545
1.7	0.9554	0.9564	0.9573	0.9582	0.9591	0.9599	0.9608	0.9616	0.9625	0.9633
1.8	0.9641	0.9649	0.9656	0.9664	0.9671	0.9678	0.9686	0.9693	0.9699	0.9706
1.9	0.9713	0.9719	0.9726	0.9732	0.9738	0.9744	0.9750	0.9756	0.9761	0.9767
2.0	0.9772	0.9778	0.9783	0.9788	0.9793	0.9798	0.9803	0.9808	0.9812	0.9817
2.1	0.9821	0.9826	0.9830	0.9834	0.9838	0.9842	0.9846	0.9850	0.9854	0.9857
2.2	0.9861	0.9864	0.9868	0.9871	0.9875	0.9878	0.9881	0.9884	0.9887	0.9890
2.3	0.9893	0.9896	0.9898	0.9901	0.9904	0.9906	0.9909	0.9911	0.9913	0.9916
2.4	0.9918	0.9920	0.9922	0.9925	0.9927	0.9929	0.9931	0.9932	0.9934	0.9936
2.5	0.9938	0.9940	0.9941	0.9943	0.9945	0.9946	0.9948	0.9949	0.9951	0.9952
2.6	0.9953	0.9955	0.9956	0.9957	0.9959	0.9960	0.9961	0.9962	0.9963	0.9964
2.7	0.9965	0.9966	0.9967	0.9968	0.9969	0.9970	0.9971	0.9972	0.9973	0.9974
2.8	0.9974	0.9975	0.9976	0.9977	0.9978	0.9979	0.9979	0.9979	0.9980	0.9981
2.9	0.9981	0.9982	0.9982	0.9983	0.9984	0.9984	0.9985	0.9985	0.9986	0.9986
3.0	0.9987	0.9987	0.9987	0.9988	0.9988	0.9989	0.9989	0.9989	0.9990	0.9990
3.1	0.9990	0.9991	0.9991	0.9991	0.9992	0.9992	0.9992	0.9992	0.9993	0.9993
3.2	0.9993	0.9993	0.9994	0.9994	0.9994	0.9994	0.9994	0.9995	0.9995	0.9995
3.3	0.9995	0.9995	0.9995	0.9996	0.9996	0.9996	0.9996	0.9996	0.9997	0.9997
3.4	0.9997	0.9997	0.9997	0.9997	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998
3.5	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998
3.6	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998
3.7	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998
3.8	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998
3.9	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998
4.0	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
5.0	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
6.0	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999

Tavola 4 - Percentili per la distribuzione normale standardizzata

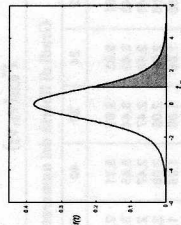
La tavola fornisce i valori di z_α per i quali $P(z > z_\alpha) = \alpha$. $100\% = q\%$, per alcuni valori notevoli di q .



$q\%$	z	$q\%$	z	$q\%$	z	$q\%$	z
50	0.000	9	1.341	29	1.896	0.4	2.652
45	0.128	8	1.405	28	1.911	0.3	2.748
40	0.253	7	1.478	27	1.927	0.2	2.878
35	0.385	6	1.555	26	1.943	0.1	3.090
30	0.524	5	1.645	25	1.960		
25	0.674	4.5	1.695	2.0	2.054	0.05	3.291
20	0.842	4.0	1.751	1.5	2.170	0.005	3.891
15	1.036	3.5	1.812	1.0	2.328	0.0001	5.199
10	1.282	3.0	1.881	0.5	2.578	0.000005	6.109
14	1.080	3.4	1.825	0.9	2.366	0.000005	5.327
13	1.128	3.3	1.838	0.8	2.409	0.00001	5.612
12	1.175	3.2	1.852	0.7	2.457	0.000005	5.731
11	1.227	3.1	1.866	0.6	2.512	0.000001	5.988
10	1.282	3.0	1.881	0.5	2.578	0.0000005	6.109

Tavola 5 – Distribuzione t di Student

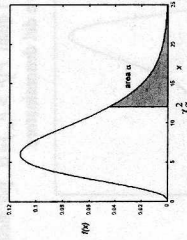
La tavola fornisce i valori di t_{α} per i quali $P(t > t_{\alpha}) = \alpha$, per alcuni valori notevoli di α e per il grado di libertà ν .



ν	$\alpha = 0.10$	$\alpha = 0.05$	$\alpha = 0.025$	$\alpha = 0.01$	$\alpha = 0.005$	ν
1	3.078	6.314	12.706	31.821	63.657	1
2	1.886	2.920	4.303	6.965	9.925	2
3	1.638	2.353	3.183	5.841	8.144	3
4	1.533	2.132	2.776	5.024	6.941	4
5	1.476	2.015	2.571	4.604	6.388	5
6	1.440	1.943	2.447	4.314	6.078	6
7	1.415	1.895	2.365	4.127	5.858	7
8	1.397	1.860	2.306	3.982	5.688	8
9	1.385	1.833	2.282	3.901	5.559	9
10	1.372	1.812	2.258	3.839	5.451	10
11	1.363	1.799	2.235	3.787	5.359	11
12	1.356	1.782	2.216	3.742	5.281	12
13	1.350	1.771	2.199	3.702	5.213	13
14	1.345	1.761	2.185	3.671	5.156	14
15	1.341	1.753	2.173	3.646	5.107	15
16	1.337	1.746	2.162	3.624	5.064	16
17	1.333	1.740	2.151	3.605	5.025	17
18	1.330	1.734	2.141	3.588	4.990	18
19	1.328	1.729	2.132	3.573	4.957	19
20	1.325	1.725	2.124	3.559	4.927	20
21	1.323	1.721	2.116	3.546	4.898	21
22	1.321	1.717	2.109	3.534	4.871	22
23	1.319	1.714	2.102	3.523	4.845	23
24	1.318	1.711	2.096	3.513	4.820	24
25	1.316	1.708	2.090	3.504	4.796	25
26	1.315	1.706	2.085	3.496	4.773	26
27	1.314	1.703	2.081	3.488	4.751	27
28	1.313	1.701	2.077	3.481	4.730	28
29	1.311	1.699	2.074	3.474	4.710	29
∞	1.282	1.645	1.960	3.232	2.576	∞

Tavola 6 – Distribuzione χ^2

La tavola fornisce i valori di χ_{α}^2 per i quali $P(\chi^2 > \chi_{\alpha}^2) = \alpha$, per alcuni valori notevoli di α e per il grado di libertà ν .



ν	$\alpha = 0.995$	$\alpha = 0.99$	$\alpha = 0.975$	$\alpha = 0.95$	$\alpha = 0.905$	$\alpha = 0.90$	$\alpha = 0.025$	$\alpha = 0.01$	$\alpha = 0.005$	ν
1	0.000393	0.000157	0.00082	0.00393	0.708	0.010	5.024	6.635	7.879	1
2	0.00098	0.0445	0.0506	0.103	1.833	0.054	5.991	9.210	10.597	2
3	0.0717	0.393	0.216	0.352	3.841	0.078	6.348	11.345	12.838	3
4	0.207	0.754	0.484	0.711	5.981	0.084	7.042	13.277	14.860	4
5	0.412	1.357	0.831	1.145	7.879	0.094	7.779	15.086	16.750	5
6	0.676	1.924	1.237	1.635	9.488	0.102	8.553	16.812	18.548	6
7	0.989	2.459	1.680	2.167	11.143	0.110	9.348	18.475	20.278	7
8	1.344	3.000	2.180	2.733	12.838	0.117	10.188	20.090	21.955	8
9	1.735	3.581	2.700	3.325	14.562	0.124	11.025	21.920	23.589	9
10	2.156	4.168	3.247	3.940	16.189	0.130	11.916	23.589	25.188	10
11	2.603	4.753	3.816	4.575	18.307	0.136	12.832	25.188	26.757	11
12	3.074	5.337	4.404	5.226	20.479	0.141	13.812	26.757	28.306	12
13	3.565	5.921	5.009	5.892	22.759	0.146	14.801	28.306	29.819	13
14	4.075	6.504	5.629	6.571	25.188	0.151	15.799	29.819	31.319	14
15	4.601	7.087	6.262	7.261	27.739	0.156	16.814	30.578	32.801	15
16	5.142	7.669	6.908	7.962	30.191	0.161	17.845	32.000	34.267	16
17	5.687	8.250	7.564	8.672	32.671	0.166	18.881	33.409	35.718	17
18	6.265	8.831	8.231	9.390	35.172	0.171	19.921	34.805	37.156	18
19	6.844	9.412	8.907	10.117	37.566	0.176	20.975	36.191	38.582	19
20	7.434	10.000	9.591	10.851	40.086	0.181	22.044	37.566	39.997	20
21	8.034	10.592	10.283	11.591	42.796	0.186	23.128	38.932	41.401	21
22	8.643	11.187	10.992	12.338	45.569	0.191	24.226	40.289	42.796	22
23	9.260	11.787	11.699	13.091	48.415	0.196	25.337	41.638	44.181	23
24	9.886	12.390	12.401	13.848	51.339	0.201	26.460	42.980	45.558	24
25	10.520	13.000	13.120	14.611	54.339	0.206	27.596	44.314	46.928	25
26	11.160	13.615	13.844	15.379	57.433	0.211	28.745	45.642	48.290	26
27	11.808	14.235	14.573	16.151	60.627	0.216	29.907	46.963	49.645	27
28	12.461	14.861	15.308	16.928	63.929	0.221	31.081	48.278	50.993	28
29	13.121	15.496	16.047	17.708	67.331	0.226	32.268	49.588	52.336	29
30	13.787	16.135	16.791	18.493	70.828	0.231	33.468	50.892	53.672	30
40	20.706	22.164	24.433	26.509	106.461	0.241	41.682	63.691	66.766	40
50	27.991	29.707	32.357	34.764	149.427	0.250	49.433	76.154	79.480	50
60	35.535	37.485	40.482	43.188	200.778	0.260	56.889	88.379	91.952	60
70	43.275	45.442	48.758	51.739	259.289	0.270	64.078	100.425	104.215	70
80	51.172	53.540	57.153	60.391	324.002	0.280	70.897	112.321	116.321	80
90	58.166	61.754	65.647	68.126	394.783	0.290	77.231	124.116	128.299	90
100	67.328	70.065	74.222	77.928	470.317	0.300	83.181	135.807	140.169	100

Tabella A.2 Valori assunti da $\chi^2_{\alpha,n}$

n	α							
	0.995	0.99	0.975	0.95	0.05	0.025	0.01	0.005
1	0.00004	0.00016	0.00098	0.00393	3.841	5.024	6.635	7.879
2	0.0100	0.0201	0.0506	0.103	5.991	7.378	9.210	10.597
3	0.072	0.115	0.216	0.352	7.815	9.348	11.345	12.838
4	0.207	0.297	0.484	0.711	9.488	11.143	13.277	14.860
5	0.412	0.554	0.831	1.145	11.070	12.833	15.086	16.750
6	0.676	0.872	1.237	1.635	12.592	14.449	16.812	18.548
7	0.989	1.239	1.690	2.167	14.067	16.013	18.475	20.278
8	1.344	1.646	2.180	2.733	15.507	17.535	20.090	21.955
9	1.735	2.088	2.700	3.325	16.919	19.023	21.666	23.589
10	2.156	2.558	3.247	3.940	18.307	20.483	23.209	25.188
11	2.603	3.053	3.816	4.575	19.675	21.920	24.725	26.757
12	3.074	3.571	4.404	5.226	21.026	23.337	26.217	28.300
13	3.565	4.107	5.009	5.892	22.362	24.736	27.688	29.819
14	4.075	4.660	5.629	6.571	23.685	26.119	29.141	31.319
15	4.601	5.229	6.262	7.261	24.996	27.488	30.578	32.801
16	5.142	5.812	6.908	7.962	26.296	28.845	32.000	34.267
17	5.697	6.408	7.564	8.672	27.587	30.191	33.409	35.718
18	6.265	7.015	8.231	9.390	28.869	31.526	34.805	37.156
19	6.844	7.633	8.907	10.117	30.144	32.852	36.191	38.582
20	7.434	8.260	9.591	10.851	31.410	34.170	37.566	39.997
21	8.034	8.897	10.283	11.591	32.671	35.479	38.932	41.401
22	8.643	9.542	10.982	12.338	33.924	36.781	40.289	42.796
23	9.260	10.196	11.689	13.091	35.172	38.076	41.638	44.181
24	9.886	10.856	12.401	13.848	36.415	39.364	42.980	45.559
25	10.520	11.524	13.120	14.611	37.652	40.646	44.314	46.928
26	11.160	12.198	13.844	15.379	38.885	41.923	45.642	48.290
27	11.808	12.879	14.573	16.151	40.113	43.195	46.963	49.645
28	12.461	13.565	15.308	16.928	41.337	44.461	48.278	50.993
29	13.121	14.256	16.047	17.708	42.557	45.722	49.588	52.336
30	13.787	14.953	16.791	18.493	43.773	46.979	50.892	53.672

0.08	0.09
0.5319	0.5359
0.5714	0.5753
0.6103	0.6141
0.6480	0.6517
0.6844	0.6879
0.7190	0.7224
0.7517	0.7549
0.7823	0.7852
0.8106	0.8133
0.8365	0.8389
0.8599	0.8621
0.8810	0.8830
0.8997	0.9015
0.9162	0.9177
0.9306	0.9319
0.9429	0.9441
0.9535	0.9545
0.9625	0.9633
0.9699	0.9706
0.9761	0.9767
0.9812	0.9817
0.9854	0.9857
0.9887	0.9890
0.9913	0.9916
0.9934	0.9936
0.9951	0.9952
0.9963	0.9964
0.9973	0.9974
0.9980	0.9981
0.9986	0.9986
0.9990	0.9990
0.9993	0.9993
0.9995	0.9995
0.9996	0.9997
0.9997	0.9998

Tabella A.3 Valori assunti da $t_{\alpha,n}$

n	α				
	0.1	0.05	0.025	0.01	0.005
1	3.078	6.314	12.706	31.821	63.657
2	1.886	2.920	4.303	6.965	9.925
3	1.638	2.353	3.182	4.541	5.841
4	1.533	2.132	2.776	3.747	4.604
5	1.476	2.015	2.571	3.365	4.032
6	1.440	1.943	2.447	3.143	3.707
7	1.415	1.895	2.365	2.998	3.499
8	1.397	1.860	2.306	2.896	3.355
9	1.383	1.833	2.262	2.821	3.250
10	1.372	1.812	2.228	2.764	3.169
11	1.363	1.796	2.201	2.718	3.106
12	1.356	1.782	2.179	2.681	3.055
13	1.350	1.771	2.160	2.650	3.012
14	1.345	1.761	2.145	2.624	2.977
15	1.341	1.753	2.131	2.602	2.947
16	1.337	1.746	2.120	2.583	2.921
17	1.333	1.740	2.110	2.567	2.898
18	1.330	1.734	2.101	2.552	2.878
19	1.328	1.729	2.093	2.539	2.861
20	1.325	1.725	2.086	2.528	2.845
21	1.323	1.721	2.080	2.518	2.831
22	1.321	1.717	2.074	2.508	2.819
23	1.319	1.714	2.069	2.500	2.807
24	1.318	1.711	2.064	2.492	2.797
25	1.316	1.708	2.060	2.485	2.787
26	1.315	1.706	2.056	2.479	2.779
27	1.314	1.703	2.052	2.473	2.771
28	1.313	1.701	2.048	2.467	2.763
29	1.311	1.699	2.045	2.462	2.756
30	1.310	1.697	2.042	2.457	2.750
40	1.303	1.684	2.021	2.423	2.704
50	1.299	1.676	2.009	2.403	2.678
70	1.294	1.667	1.994	2.381	2.648
100	1.290	1.660	1.984	2.364	2.626
∞	1.282	1.645	1.960	2.326	2.576

Tabella A.4 Valori assunti da $F_{\alpha,m,n}$

m	α	
	0.1	0.05
1	161.45	199.51
2	18.51	19.16
3	10.13	10.13
4	7.71	7.71
5	6.61	6.61
6	5.99	5.99
7	5.59	5.59
8	5.32	5.32
9	5.12	5.12
10	4.96	4.96
11	4.84	4.84
12	4.75	4.75
13	4.67	4.67
14	4.60	4.60
15	4.54	4.54
16	4.49	4.49
17	4.45	4.45
18	4.41	4.41
19	4.38	4.38
20	4.35	4.35
21	4.32	4.32
22	4.30	4.30
23	4.28	4.28
24	4.26	4.26
25	4.24	4.24
30	4.17	4.17
40	4.08	4.08
60	4.00	4.00
120	3.92	3.92
∞	3.84	3.84