

# Z table

$z$	$\Phi_{\mathcal{N}}(z)$
-3.0	0.001
-2.9	0.002
-2.8	0.003
-2.7	0.003
-2.6	0.005
-2.5	0.006
-2.4	0.008
-2.3	0.011
-2.2	0.014
-2.1	0.018
-2.0	0.023
-1.9	0.029
-1.8	0.036
-1.7	0.045
-1.6	0.055
-1.5	0.067
-1.4	0.081
-1.3	0.097
-1.2	0.115
-1.1	0.136
-1.0	0.159
-0.9	0.184
-0.8	0.212
-0.7	0.242
-0.6	0.274
-0.5	0.309
-0.4	0.345
-0.3	0.382
-0.2	0.421
-0.1	0.460
0.0	0.500

$z$	$\Phi_{\mathcal{N}}(z)$
0.1	0.540
0.2	0.579
0.3	0.618
0.4	0.655
0.5	0.691
0.6	0.726
0.7	0.758
0.8	0.788
0.9	0.816
1.0	0.841
1.1	0.864
1.2	0.885
1.3	0.903
1.4	0.919
1.5	0.933
1.6	0.945
1.7	0.955
1.8	0.964
1.9	0.971
2.0	0.977
2.1	0.982
2.2	0.986
2.3	0.989
2.4	0.992
2.5	0.994
2.6	0.995
2.7	0.997
2.8	0.997
2.9	0.998
3.0	0.999

# Inverse Z table

$x$	$\Phi_{\mathcal{N}}^{-1}(x)$
0.001	-3.090
0.0025	-2.807
0.005	-2.576
0.01	-2.326
0.025	-1.960
0.05	-1.645
0.1	-1.282
0.15	-1.036
0.2	-0.842
0.25	-0.674
0.3	-0.524
0.4	-0.253

$t$  table:  $\Phi_{t(\nu)}(t)$

$t$	$\nu=1$	$\nu=2$	$\nu=3$	$\nu=4$	$\nu=5$	$\nu=6$	$\nu=7$	$\nu=8$	$\nu=9$	$\nu=10$	$\nu=11$	$\nu=12$	$\nu=13$	$\nu=14$	$\nu=15$
-3.0	0.102	0.048	0.029	0.020	0.015	0.012	0.010	0.009	0.007	0.007	0.006	0.006	0.005	0.005	0.004
-2.7	0.113	0.057	0.037	0.027	0.021	0.018	0.015	0.014	0.012	0.011	0.010	0.010	0.009	0.009	0.008
-2.4	0.126	0.069	0.048	0.037	0.031	0.027	0.024	0.022	0.020	0.019	0.018	0.017	0.016	0.015	0.015
-2.1	0.141	0.085	0.063	0.052	0.045	0.040	0.037	0.034	0.033	0.031	0.030	0.029	0.028	0.027	0.027
-1.8	0.161	0.107	0.085	0.073	0.066	0.061	0.057	0.055	0.053	0.051	0.050	0.049	0.048	0.047	0.046
-1.5	0.187	0.136	0.115	0.104	0.097	0.092	0.089	0.086	0.084	0.082	0.081	0.080	0.079	0.078	0.077
-1.2	0.221	0.177	0.158	0.148	0.142	0.138	0.135	0.132	0.130	0.129	0.128	0.127	0.126	0.125	0.124
-0.9	0.267	0.232	0.217	0.210	0.205	0.201	0.199	0.197	0.196	0.195	0.194	0.193	0.192	0.192	0.191
-0.6	0.328	0.305	0.295	0.290	0.287	0.285	0.284	0.283	0.282	0.281	0.280	0.280	0.279	0.279	0.279
-0.3	0.407	0.396	0.392	0.390	0.388	0.387	0.386	0.386	0.385	0.385	0.385	0.385	0.384	0.384	0.384
0.0	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
0.3	0.593	0.604	0.608	0.610	0.612	0.613	0.614	0.614	0.615	0.615	0.615	0.615	0.616	0.616	0.616
0.6	0.672	0.695	0.705	0.710	0.713	0.715	0.716	0.717	0.718	0.719	0.720	0.720	0.721	0.721	0.721
0.9	0.733	0.768	0.783	0.790	0.795	0.799	0.801	0.803	0.804	0.805	0.806	0.807	0.808	0.808	0.809
1.2	0.779	0.823	0.842	0.852	0.858	0.862	0.865	0.868	0.870	0.871	0.872	0.873	0.874	0.875	0.876
1.5	0.813	0.864	0.885	0.896	0.903	0.908	0.911	0.914	0.916	0.918	0.919	0.920	0.921	0.922	0.923
1.8	0.839	0.893	0.915	0.927	0.934	0.939	0.943	0.945	0.947	0.949	0.950	0.951	0.952	0.953	0.954
2.1	0.859	0.915	0.937	0.948	0.955	0.960	0.963	0.966	0.967	0.969	0.970	0.971	0.972	0.973	0.973
2.4	0.874	0.931	0.952	0.963	0.969	0.973	0.976	0.978	0.980	0.981	0.982	0.983	0.984	0.985	0.985
2.7	0.887	0.943	0.963	0.973	0.979	0.982	0.985	0.986	0.988	0.989	0.990	0.990	0.991	0.991	0.992
3.0	0.898	0.952	0.971	0.980	0.985	0.988	0.990	0.991	0.993	0.993	0.994	0.994	0.995	0.995	0.996

# Inverse $t$ table: $\Phi_{t(\nu)}^{-1}(x)$

$x$	$\nu=1$	$\nu=2$	$\nu=3$	$\nu=4$	$\nu=5$	$\nu=6$	$\nu=7$	$\nu=8$	$\nu=9$	$\nu=10$	$\nu=11$	$\nu=12$	$\nu=13$	$\nu=14$	$\nu=15$
0.001	-318.3	-22.32	-10.21	-7.173	-5.893	-5.208	-4.785	-4.501	-4.297	-4.144	-4.025	-3.930	-3.852	-3.787	-3.733
0.0025	-127.3	-14.08	-7.453	-5.598	-4.773	-4.317	-4.029	-3.833	-3.690	-3.581	-3.497	-3.428	-3.372	-3.326	-3.286
0.005	-63.65	-9.925	-5.841	-4.604	-4.032	-3.707	-3.499	-3.355	-3.250	-3.169	-3.106	-3.055	-3.012	-2.977	-2.947
0.01	-31.82	-6.965	-4.541	-3.747	-3.365	-3.143	-2.998	-2.896	-2.821	-2.764	-2.718	-2.681	-2.650	-2.624	-2.602
0.025	-12.70	-4.303	-3.182	-2.776	-2.571	-2.447	-2.365	-2.306	-2.262	-2.228	-2.201	-2.179	-2.160	-2.145	-2.131
0.05	-6.314	-2.920	-2.353	-2.132	-2.015	-1.943	-1.895	-1.860	-1.833	-1.812	-1.796	-1.782	-1.771	-1.761	-1.753
0.1	-3.078	-1.886	-1.638	-1.533	-1.476	-1.440	-1.415	-1.397	-1.383	-1.372	-1.363	-1.356	-1.350	-1.345	-1.341
0.15	-1.963	-1.386	-1.250	-1.190	-1.156	-1.134	-1.119	-1.108	-1.100	-1.093	-1.088	-1.083	-1.079	-1.076	-1.074
0.2	-1.376	-1.061	-0.978	-0.941	-0.920	-0.906	-0.896	-0.889	-0.883	-0.879	-0.876	-0.873	-0.870	-0.868	-0.866
0.25	-1.000	-0.816	-0.765	-0.741	-0.727	-0.718	-0.711	-0.706	-0.703	-0.700	-0.697	-0.695	-0.694	-0.692	-0.691
0.3	-0.727	-0.617	-0.584	-0.569	-0.559	-0.553	-0.549	-0.546	-0.543	-0.542	-0.540	-0.539	-0.538	-0.537	-0.536
0.4	-0.325	-0.289	-0.277	-0.271	-0.267	-0.265	-0.263	-0.262	-0.261	-0.260	-0.260	-0.259	-0.259	-0.258	-0.258