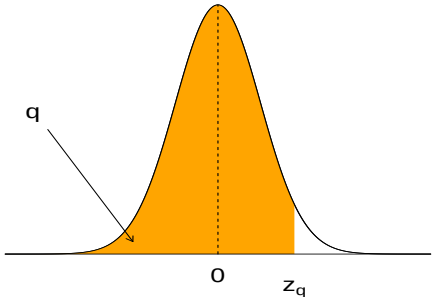
QUANTILES OF THE NORMAL DISTRIBUTION



For a given q, this table gives z_q such that $\Phi(z_q) = \dfrac{1}{\sqrt{2\pi}} \displaystyle\int_{-\infty}^{z_q} e^{-\frac{1}{2}u^2}\,\mathrm{du} = q$.

q	z_q	q	z_q	q	z_q	q	z_q	q	z_q	q	z_q	q	z_q
0.50	0.000	0.950	1.645	0.960	1.751	0.970	1.881	0.980	2.054	0.990	2.326	0.95	1.645
0.55	0.126	0.951	1.655	0.961	1.762	0.971	1.896	0.981	2.075	0.991	2.366	0.99	2.326
0.60	0.253	0.952	1.665	0.962	1.774	0.972	1.911	0.982	2.097	0.992	2.409	0.999	3.090
0.65	0.385	0.953	1.675	0.963	1.787	0.973	1.927	0.983	2.120	0.993	2.457	0.9999	3.719
0.70	0.524	0.954	1.685	0.964	1.799	0.974	1.943	0.984	2.144	0.994	2.512	0.99999	4.265
0.75	0.674	0.955	1.695	0.965	1.812	0.975	1.960	0.985	2.170	0.995	2.576	0.975	1.960
0.80	0.842	0.956	1.706	0.966	1.825	0.976	1.977	0.986	2.197	0.996	2.652	0.995	2.576
0.85	1.036	0.957	1.717	0.967	1.838	0.977	1.995	0.987	2.226	0.997	2.748	0.9995	3.291
0.90	1.282	0.958	1.728	0.968	1.852	0.978	2.014	0.988	2.257	0.998	2.878	0.99995	3.891
0.95	1.645	0.959	1.739	0.969	1.866	0.979	2.034	0.989	2.290	0.999	3.090	0.999995	4.417