P

0   z

Table B.1   The standard normal distribution

The normal distribution with mean 0 and standard deviation 1 is tabulated below. For each value z, the quantity given is the proportion P of the distribution less than z. For a normal distribution, with mean μ and variance σ^2, the proportion of the distribution less than some value x, is obtained by calculating $z = (x - \mu)/\sigma$ and reading off the proportion corresponding to this value of z.

z	P	z	P	z	P	z	P	z	P	z	P
−4.00	0.00003	−2.05	0.0202	−1.00	0.1587	0.00	0.5000	1.05	0.8531	2.10	0.9821
−3.50	0.00023	−2.00	0.0228	−0.95	0.1711	0.05	0.5199	1.10	0.8643	2.15	0.9842
−3.00	0.0013	−1.95	0.0256	−0.90	0.1841	0.10	0.5398	1.15	0.8749	2.20	0.9861
−2.95	0.0016	−1.90	0.0287	−0.85	0.1977	0.15	0.5596	1.20	0.8849	2.25	0.9878
−2.90	0.0019	−1.85	0.0322	−0.80	0.2119	0.20	0.5793	1.25	0.8944	2.30	0.9893
−2.85	0.0022	−1.80	0.0359	−0.75	0.2266	0.25	0.5987	1.30	0.9032	2.35	0.9906
−2.80	0.0026	−1.75	0.0401	−0.70	0.2420	0.30	0.6179	1.35	0.9115	2.40	0.9918
−2.75	0.0030	−1.70	0.0446	−0.65	0.2578	0.35	0.6368	1.40	0.9192	2.45	0.9929
−2.70	0.0035	−1.65	0.0495	−0.60	0.2743	0.40	0.6554	1.45	0.9265	2.50	0.9938
−2.65	0.0040	−1.60	0.0548	−0.55	0.2912	0.45	0.6736	1.50	0.9332	2.55	0.9946
−2.60	0.0047	−1.55	0.0606	−0.50	0.3085	0.50	0.6915	1.55	0.9394	2.60	0.9953
−2.55	0.0054	−1.50	0.0668	−0.45	0.3264	0.55	0.7088	1.60	0.9452	2.65	0.9960
−2.50	0.0062	−1.45	0.0735	−0.40	0.3446	0.60	0.7257	1.65	0.9505	2.70	0.9965
−2.45	0.0071	−1.40	0.0808	−0.35	0.3632	0.65	0.7422	1.70	0.9554	2.75	0.9970
−2.40	0.0082	−1.35	0.0885	−0.30	0.3821	0.70	0.7580	1.75	0.9599	2.80	0.9974
−2.35	0.0094	−1.30	0.0968	−0.25	0.4013	0.75	0.7734	1.80	0.9641	2.85	0.9978
−2.30	0.0107	−1.25	0.1056	−0.20	0.4207	0.80	0.7881	1.85	0.9678	2.90	0.9981
−2.25	0.0122	−1.20	0.1151	−0.15	0.4404	0.85	0.8023	1.90	0.9713	2.95	0.9984
−2.20	0.0139	−1.15	0.1251	−0.10	0.4602	0.90	0.8159	1.95	0.9744	3.00	0.9987
−2.15	0.0158	−1.10	0.1357	−0.05	0.4801	0.95	0.8289	2.00	0.9772	3.50	0.99977
−2.10	0.0179	−1.05	0.1469	0.00	0.5000	1.00	0.8413	2.05	0.9798	4.00	0.99997