Standard normal critical values

x	% of obs. from N(0,1)… above x	outside ±x	x	% of obs. from N(0,1)… above x	outside ±x	x	% of obs. from N(0,1)… above x	outside ±x	x	% of obs. from N(0,1)… above x	outside ±x
0.00	50.0%	100.0%	1.00	15.9%	31.7%	2.00	2.3%	4.6%	3.00	0.13%	0.27%
0.02	49.2%	98.4%	1.02	15.4%	30.8%	2.02	2.2%	4.3%	3.02	0.13%	0.25%
0.04	48.4%	96.8%	1.04	14.9%	29.8%	2.04	2.1%	4.1%	3.04	0.12%	0.24%
0.06	47.6%	95.2%	1.06	14.5%	28.9%	2.06	2.0%	3.9%	3.06	0.11%	0.22%
0.08	46.8%	93.6%	1.08	14.0%	28.0%	2.08	1.9%	3.8%	3.08	0.10%	0.21%
0.10	46.0%	92.0%	1.10	13.6%	27.1%	2.10	1.8%	3.6%	3.10	0.097%	0.19%
0.12	45.2%	90.4%	1.12	13.1%	26.3%	2.12	1.7%	3.4%	3.12	0.090%	0.18%
0.14	44.4%	88.9%	1.14	12.7%	25.4%	2.14	1.6%	3.2%	3.14	0.084%	0.17%
0.16	43.6%	87.3%	1.16	12.3%	24.6%	2.16	1.5%	3.1%	3.16	0.079%	0.16%
0.18	42.9%	85.7%	1.18	11.9%	23.8%	2.18	1.5%	2.9%	3.18	0.074%	0.15%
0.20	42.1%	84.1%	1.20	11.5%	23.0%	2.20	1.4%	2.8%	3.20	0.069%	0.14%
0.22	41.3%	82.6%	1.22	11.1%	22.2%	2.22	1.3%	2.6%	3.22	0.064%	0.13%
0.24	40.5%	81.0%	1.24	10.7%	21.5%	2.24	1.3%	2.5%	3.24	0.060%	0.12%
0.26	39.7%	79.5%	1.26	10.4%	20.8%	2.26	1.2%	2.4%	3.26	0.056%	0.11%
0.28	39.0%	77.9%	1.28	10.0%	20.1%	2.28	1.1%	2.3%	3.28	0.052%	0.10%
0.30	38.2%	76.4%	1.30	9.7%	19.4%	2.30	1.1%	2.1%	3.30	0.048%	0.097%
0.32	37.4%	74.9%	1.32	9.3%	18.7%	2.32	1.0%	2.0%	3.32	0.045%	0.090%
0.34	36.7%	73.4%	1.34	9.0%	18.0%	2.34	0.96%	1.9%	3.34	0.042%	0.084%
0.36	35.9%	71.9%	1.36	8.7%	17.4%	2.36	0.91%	1.8%	3.36	0.039%	0.078%
0.38	35.2%	70.4%	1.38	8.4%	16.8%	2.38	0.87%	1.7%	3.38	0.036%	0.072%
0.40	34.5%	68.9%	1.40	8.1%	16.2%	2.40	0.82%	1.6%	3.40	0.034%	0.067%
0.42	33.7%	67.4%	1.42	7.8%	15.6%	2.42	0.78%	1.6%	3.42	0.031%	0.063%
0.44	33.0%	66.0%	1.44	7.5%	15.0%	2.44	0.73%	1.5%	3.44	0.029%	0.058%
0.46	32.3%	64.6%	1.46	7.2%	14.4%	2.46	0.69%	1.4%	3.46	0.027%	0.054%
0.48	31.6%	63.1%	1.48	6.9%	13.9%	2.48	0.66%	1.3%	3.48	0.025%	0.050%
0.50	30.9%	61.7%	1.50	6.7%	13.4%	2.50	0.62%	1.2%	3.50	0.023%	0.047%
0.52	30.2%	60.3%	1.52	6.4%	12.9%	2.52	0.59%	1.2%	3.52	0.022%	0.043%
0.54	29.5%	58.9%	1.54	6.2%	12.4%	2.54	0.55%	1.1%	3.54	0.020%	0.040%
0.56	28.8%	57.5%	1.56	5.9%	11.9%	2.56	0.52%	1.0%	3.56	0.019%	0.037%
0.58	28.1%	56.2%	1.58	5.7%	11.4%	2.58	0.49%	0.99%	3.58	0.017%	0.034%
0.60	27.4%	54.9%	1.60	5.5%	11.0%	2.60	0.47%	0.93%	3.60	0.016%	0.032%
0.62	26.8%	53.5%	1.62	5.3%	10.5%	2.62	0.44%	0.88%	3.62	0.015%	0.029%
0.64	26.1%	52.2%	1.64	5.1%	10.1%	2.64	0.41%	0.83%	3.64	0.014%	0.027%
0.66	25.5%	50.9%	1.66	4.8%	9.7%	2.66	0.39%	0.78%	3.66	0.013%	0.025%
0.68	24.8%	49.7%	1.68	4.6%	9.3%	2.68	0.37%	0.74%	3.68	0.012%	0.023%
0.70	24.2%	48.4%	1.70	4.5%	8.9%	2.70	0.35%	0.69%	3.70	0.011%	0.022%
0.72	23.6%	47.2%	1.72	4.3%	8.5%	2.72	0.33%	0.65%	3.72	0.0100%	0.020%
0.74	23.0%	45.9%	1.74	4.1%	8.2%	2.74	0.31%	0.61%	3.74	0.0092%	0.018%
0.76	22.4%	44.7%	1.76	3.9%	7.8%	2.76	0.29%	0.58%	3.76	0.0085%	0.017%
0.78	21.8%	43.5%	1.78	3.8%	7.5%	2.78	0.27%	0.54%	3.78	0.0078%	0.016%
0.80	21.2%	42.4%	1.80	3.6%	7.2%	2.80	0.26%	0.51%	3.80	0.0072%	0.014%
0.82	20.6%	41.2%	1.82	3.4%	6.9%	2.82	0.24%	0.48%	3.82	0.0067%	0.013%
0.84	20.0%	40.1%	1.84	3.3%	6.6%	2.84	0.23%	0.45%	3.84	0.0062%	0.012%
0.86	19.5%	39.0%	1.86	3.1%	6.3%	2.86	0.21%	0.42%	3.86	0.0057%	0.011%
0.88	18.9%	37.9%	1.88	3.0%	6.0%	2.88	0.20%	0.40%	3.88	0.0052%	0.010%
0.90	18.4%	36.8%	1.90	2.9%	5.7%	2.90	0.19%	0.37%	3.90	0.0048%	0.0096%
0.92	17.9%	35.8%	1.92	2.7%	5.5%	2.92	0.18%	0.35%	3.92	0.0044%	0.0089%
0.94	17.4%	34.7%	1.94	2.6%	5.2%	2.94	0.16%	0.33%	3.94	0.0041%	0.0081%
0.96	16.9%	33.7%	1.96	2.5%	5.0%	2.96	0.15%	0.31%	3.96	0.0037%	0.0075%
0.98	16.4%	32.7%	1.98	2.4%	4.8%	2.98	0.14%	0.29%	3.98	0.0034%	0.0069%