$P(Z \le z)$  where  $Z \sim N(0, 1)$ 0.01 0.02 0.03 0.040.05 0.060.070.09-3.40.00030.0003 0.00030.00030.00030.00030.00030.00030.00020.00020.0005 0.0005 0.0004 0.0004 0.0004 0.0004 - 0.0004-3.30.0004 0.0004 0.0003 -3.20.0007 0.0007 0.0006 0.0006 0.0006 0.0006 0.0006 0.00050.0005 0.0005 -3.10.0010 0.0009 0.0009 0.0009 0.0008 0.0008 0.0008 0.00080.00070.0007-3.00.0013 0.0013  $0.0013 \quad 0.0012$ 0.00120.0011 0.0011 0.00110.0010 0.0010-2.90.0018 0.00180.00170.00160.00160.00150.00150.00140.0026 0.0025 0.0024 - 0.00230.0022-2.80.0023 0.00210.00210.0020 0.0019 0.0035 0.0034 0.0033 0.00300.0028-2.70.00320.00310.00290.00270.00260.0037-2.60.0047 0.0045 0.0044 0.0043 0.0041 0.0040 0.0039 0.00380.0036-2.50.0062 0.0060 0.0059 0.0057 0.0055 0.00540.00520.00510.0049 0.0048 -2.40.00820.0080 0.0078 0.00750.0073 0.0071 0.0069 0.00680.00660.0064-2.3 $0.0107 \quad 0.0104$ 0.0102 0.0099 0.00960.00940.00910.00890.00870.00840.0122 0.0119 -2.20.0139 0.0136 0.0132 0.0129 0.01250.0116 0.0113 0.0110 0.0150-2.10.0179 0.0174 0.0170 0.0166 0.0162  $0.0158 \quad 0.0154$ 0.01460.0143-2.00.02280.02220.0217 $0.0212 \quad 0.0207$ 0.02020.01970.01920.01880.0183-1.90.02810.02740.02680.02620.02560.02500.02440.0239 0.0233 0.0287 $0.0359 \quad 0.0351$ 0.0344 0.0336 0.0329  $0.0322 \quad 0.0314$ 0.03070.0301 0.0294-1.80.0446 - 0.04360.0427 0.0418 0.0409 0.0401 - 0.03920.0384 0.0375 0.0367-1.7-1.6 $0.0548 \quad 0.0537$ 0.05260.0516 0.0505 0.0495 0.04850.04750.04650.04550.06550.06430.06300.06180.06060.0594-1.50.06680.05820.05710.0793 0.0778 -1.4 0.0808 0.07640.07490.07350.07210.07080.06940.0681-1.3 $0.0968 \quad 0.0951$ 0.09340.09180.09010.08850.08690.08530.08380.0823 $0.1151 \quad 0.1131$ 0.1112 0.1093 0.1075 0.1056 - 0.10380.10200.0985-1.20.1003-1.10.1357 0.1335 0.1314 0.1292 0.12710.1251 0.1230 $0.1210 \quad 0.1190$ 0.1170-1.0 0.1587 0.1562 0.1539 0.1515 0.1492 0.1469 0.1446 0.14230.14010.1379-0.90.1841 0.1814 0.1788 0.1762 0.1736 0.17110.16850.16600.1635-0.8 0.2119 0.2090 0.2061 0.2033 0.2005  $0.1977 \quad 0.1949$ 0.19220.18940.1867-0.7 $0.2420 \quad 0.2389$ 0.2358 0.2327 0.22960.2266 - 0.22360.22060.21770.2148 $0.2743 \quad 0.2709$ 0.2676 0.2643 0.2611  $0.2578 \quad 0.2546$ 0.2514 0.2483-0.60.2451-0.5 $0.3085 \quad 0.3050$  $0.3015 \quad 0.2981$ 0.2946 $0.2912 \quad 0.2877$ 0.28430.28100.2776-0.40.34460.3409 0.33720.3336 0.3300 0.32640.32280.31920.31560.3121 -0.30.3821 0.3783 0.3745 0.3707 0.36690.36320.35940.35200.35570.3483-0.20.4207 - 0.41680.4129 0.4090 0.4052 0.4013 0.3974 0.39360.38970.3859-0.1 $0.4602 \quad 0.4562$ 0.4522 0.4483 0.4443 0.44040.43640.43250.42860.42470.49600.49200.4801-0.00.50000.48800.48400.47610.47210.46810.46410.00.50000.50400.50800.51200.51600.51990.52390.52790.53190.53590.1  $0.5398 \quad 0.5438$ 0.5478 0.5517 0.5557 0.55960.56360.56750.57140.57530.5793 0.58320.5871 0.5910 0.59480.59870.60260.60640.20.61030.61410.6179 0.6217 0.6255 0.6293 0.6331  $0.6368 \quad 0.6406$ 0.6443 0.64800.65170.30.40.6554 0.6591 0.6628 $0.6664 \quad 0.6700$ 0.6736 - 0.67720.68080.68440.50.6915 0.6950 0.69850.7019 0.7054 0.70880.71230.71570.71900.7224

0.7257 - 0.7291

 $0.7881 \quad 0.7910$ 

 $0.8159 \quad 0.8186$ 

0.8643 0.8665

0.8849 0.8869

 $0.9452 \quad 0.9463$ 

0.9554 0.9564

0.9641 0.9649

0.7611

0.8438

0.9049

0.9207

0.9345

0.9719

0.7580

0.8413

0.9032

0.9192

0.9332

0.6

0.7

0.8

0.9

1.0

1.1

1.2

1.3 1.4

1.5

1.6

1.7

1.8

0.7324

0.8461

0.8686

0.8888

0.9066

0.9222

0.9357

0.9726

 $0.7642 \quad 0.7673$ 

 $0.8212 \quad 0.8238$ 

0.7357

0.8485

0.8708

0.9082

0.9236

0.9370

0.9474 0.9484 0.9495

0.9573 0.9582 0.9591

0.9656 0.9664 0.9671

0.7389

0.7939 0.7967 0.7995 0.8023 0.8051

0.8264

0.8508

0.8729

0.9099

0.9251

0.9382

**2.0** 0.9772 0.9778 0.9783 0.9788 0.9793 0.9798 0.9803 0.9808 0.9812 0.9817

 $0.8907 \quad 0.8925$ 

 $0.9732 \quad 0.9738$ 

0.7704 - 0.7734

0.7422

0.8531

0.8749

0.8944

0.9115

0.9265

0.9394

0.9505

0.9599

0.9678

0.9744

0.7454

0.7764

0.8554

0.8770

0.8962

0.9131

0.9279

0.9406

0.9515

0.9608

0.9686

0.9750

 $0.8289 \quad 0.8315$ 

0.7486

0.7794

0.8078

0.8340

0.8577

0.8790

0.8980

0.9147

0.9292

0.9418

0.9525

0.9693

0.9756

 $0.9616 \quad 0.9625$ 

0.7517

0.7823

0.8106

0.8365

0.8599

0.8810

0.8997

0.9162

0.9306

0.9429

0.9535

0.9699

0.9761

0.7549

0.7852

0.8133

0.8389

0.8621

0.9015

0.9177

0.9319

0.9441

0.9545

0.9633

0.9767