# Tabla de probabilidades acumuladas de la distribución binomial

$$F(x) = P(X \leq x)$$

La tabla muestra la probabilidad de obtener *x* éxitos o menos en *n* ensayos independientes, cada uno con probabilidad de éxito *p* . Por ejemplo, la probabilidad de obtener dos éxitos o menos en cuatros ensayos con probabilidad de éxito de 0.5 es de 0.6875.

| *n* | *x* | *p* | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **2** | **0** | 0.9801 | 0.9025 | 0.8100 | 0.7225 | 0.6400 | 0.5625 | 0.4900 | 0.4225 | 0.3600 | 0.3025 | 0.2500 | 0.2025 | 0.1600 | 0.1225 | 0.0900 | 0.0625 | 0.0400 | 0.0225 | 0.0100 | 0.0025 | 0.0001 |
| | **1** | 0.9999 | 0.9975 | 0.9900 | 0.9775 | 0.9600 | 0.9375 | 0.9100 | 0.8775 | 0.8400 | 0.7975 | 0.7500 | 0.6975 | 0.6400 | 0.5775 | 0.5100 | 0.4375 | 0.3600 | 0.2775 | 0.1900 | 0.0975 | 0.0199 |
| | **2** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **3** | **0** | 0.9703 | 0.8574 | 0.7290 | 0.6141 | 0.5120 | 0.4219 | 0.3430 | 0.2746 | 0.2160 | 0.1664 | 0.1250 | 0.0911 | 0.0640 | 0.0429 | 0.0270 | 0.0156 | 0.0080 | 0.0034 | 0.0010 | 0.0001 | 0.0000 |
| | **1** | 0.9997 | 0.9928 | 0.9720 | 0.9393 | 0.8960 | 0.8438 | 0.7840 | 0.7183 | 0.6480 | 0.5748 | 0.5000 | 0.4253 | 0.3520 | 0.2818 | 0.2160 | 0.1563 | 0.1040 | 0.0607 | 0.0280 | 0.0072 | 0.0003 |
| | **2** | 1.0000 | 0.9999 | 0.9990 | 0.9966 | 0.9920 | 0.9844 | 0.9730 | 0.9571 | 0.9360 | 0.9089 | 0.8750 | 0.8336 | 0.7840 | 0.7254 | 0.6570 | 0.5781 | 0.4880 | 0.3859 | 0.2710 | 0.1426 | 0.0297 |
| | **3** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **4** | **0** | 0.9606 | 0.8145 | 0.6561 | 0.5220 | 0.4096 | 0.3164 | 0.2401 | 0.1785 | 0.1296 | 0.0915 | 0.0625 | 0.0410 | 0.0256 | 0.0150 | 0.0081 | 0.0039 | 0.0016 | 0.0005 | 0.0001 | 0.0000 | 0.0000 |
| | **1** | 0.9994 | 0.9860 | 0.9477 | 0.8905 | 0.8192 | 0.7383 | 0.6517 | 0.5630 | 0.4752 | 0.3910 | 0.3125 | 0.2415 | 0.1792 | 0.1265 | 0.0837 | 0.0508 | 0.0272 | 0.0120 | 0.0037 | 0.0005 | 0.0000 |
| | **2** | 1.0000 | 0.9995 | 0.9963 | 0.9880 | 0.9728 | 0.9492 | 0.9163 | 0.8735 | 0.8208 | 0.7585 | 0.6875 | 0.6090 | 0.5248 | 0.4370 | 0.3483 | 0.2617 | 0.1808 | 0.1095 | 0.0523 | 0.0140 | 0.0006 |
| | **3** | 1.0000 | 1.0000 | 0.9999 | 0.9995 | 0.9984 | 0.9961 | 0.9919 | 0.9850 | 0.9744 | 0.9590 | 0.9375 | 0.9085 | 0.8704 | 0.8215 | 0.7599 | 0.6836 | 0.5904 | 0.4780 | 0.3439 | 0.1855 | 0.0394 |
| | **4** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **5** | **0** | 0.9510 | 0.7738 | 0.5905 | 0.4437 | 0.3277 | 0.2373 | 0.1681 | 0.1160 | 0.0778 | 0.0503 | 0.0313 | 0.0185 | 0.0102 | 0.0053 | 0.0024 | 0.0010 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9990 | 0.9774 | 0.9185 | 0.8352 | 0.7373 | 0.6328 | 0.5282 | 0.4284 | 0.3370 | 0.2562 | 0.1875 | 0.1312 | 0.0870 | 0.0540 | 0.0308 | 0.0156 | 0.0067 | 0.0022 | 0.0005 | 0.0000 | 0.0000 |
| | **2** | 1.0000 | 0.9988 | 0.9914 | 0.9734 | 0.9421 | 0.8965 | 0.8369 | 0.7648 | 0.6826 | 0.5931 | 0.5000 | 0.4069 | 0.3174 | 0.2352 | 0.1631 | 0.1035 | 0.0579 | 0.0266 | 0.0086 | 0.0012 | 0.0000 |
| | **3** | 1.0000 | 1.0000 | 0.9995 | 0.9978 | 0.9933 | 0.9844 | 0.9692 | 0.9460 | 0.9130 | 0.8688 | 0.8125 | 0.7438 | 0.6630 | 0.5716 | 0.4718 | 0.3672 | 0.2627 | 0.1648 | 0.0815 | 0.0226 | 0.0010 |
| | **4** | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9990 | 0.9976 | 0.9947 | 0.9898 | 0.9815 | 0.9688 | 0.9497 | 0.9222 | 0.8840 | 0.8319 | 0.7627 | 0.6723 | 0.5563 | 0.4095 | 0.2262 | 0.0490 |
| | **5** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **6** | **0** | 0.9415 | 0.7351 | 0.5314 | 0.3771 | 0.2621 | 0.1780 | 0.1176 | 0.0754 | 0.0467 | 0.0277 | 0.0156 | 0.0083 | 0.0041 | 0.0018 | 0.0007 | 0.0002 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9985 | 0.9672 | 0.8857 | 0.7765 | 0.6554 | 0.5339 | 0.4202 | 0.3191 | 0.2333 | 0.1636 | 0.1094 | 0.0692 | 0.0410 | 0.0223 | 0.0109 | 0.0046 | 0.0016 | 0.0004 | 0.0001 | 0.0000 | 0.0000 |
| | **2** | 1.0000 | 0.9978 | 0.9842 | 0.9527 | 0.9011 | 0.8306 | 0.7443 | 0.6471 | 0.5443 | 0.4415 | 0.3438 | 0.2553 | 0.1792 | 0.1174 | 0.0705 | 0.0376 | 0.0170 | 0.0059 | 0.0013 | 0.0001 | 0.0000 |
| | **3** | 1.0000 | 0.9999 | 0.9987 | 0.9941 | 0.9830 | 0.9624 | 0.9295 | 0.8826 | 0.8208 | 0.7447 | 0.6563 | 0.5585 | 0.4557 | 0.3529 | 0.2557 | 0.1694 | 0.0989 | 0.0473 | 0.0158 | 0.0022 | 0.0000 |
| | **4** | 1.0000 | 1.0000 | 0.9999 | 0.9996 | 0.9984 | 0.9954 | 0.9891 | 0.9777 | 0.9590 | 0.9308 | 0.8906 | 0.8364 | 0.7667 | 0.6809 | 0.5798 | 0.4661 | 0.3446 | 0.2235 | 0.1143 | 0.0328 | 0.0015 |
| | **5** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9998 | 0.9993 | 0.9982 | 0.9959 | 0.9917 | 0.9844 | 0.9723 | 0.9533 | 0.9246 | 0.8824 | 0.8220 | 0.7379 | 0.6229 | 0.4686 | 0.2649 | 0.0585 |
| | **6** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **7** | **0** | 0.9321 | 0.6983 | 0.4783 | 0.3206 | 0.2097 | 0.1335 | 0.0824 | 0.0490 | 0.0280 | 0.0152 | 0.0078 | 0.0037 | 0.0016 | 0.0006 | 0.0002 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9980 | 0.9556 | 0.8503 | 0.7166 | 0.5767 | 0.4449 | 0.3294 | 0.2338 | 0.1586 | 0.1024 | 0.0625 | 0.0357 | 0.0188 | 0.0090 | 0.0038 | 0.0013 | 0.0004 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 1.0000 | 0.9962 | 0.9743 | 0.9262 | 0.8520 | 0.7564 | 0.6471 | 0.5323 | 0.4199 | 0.3164 | 0.2266 | 0.1529 | 0.0963 | 0.0556 | 0.0288 | 0.0129 | 0.0047 | 0.0012 | 0.0002 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9998 | 0.9973 | 0.9879 | 0.9667 | 0.9294 | 0.8740 | 0.8002 | 0.7102 | 0.6083 | 0.5000 | 0.3917 | 0.2898 | 0.1998 | 0.1260 | 0.0706 | 0.0333 | 0.0121 | 0.0027 | 0.0002 | 0.0000 |
| | **4** | 1.0000 | 1.0000 | 0.9998 | 0.9988 | 0.9953 | 0.9871 | 0.9712 | 0.9444 | 0.9037 | 0.8471 | 0.7734 | 0.6836 | 0.5801 | 0.4677 | 0.3529 | 0.2436 | 0.1480 | 0.0738 | 0.0257 | 0.0038 | 0.0000 |
| | **5** | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9996 | 0.9987 | 0.9962 | 0.9910 | 0.9812 | 0.9643 | 0.9375 | 0.8976 | 0.8414 | 0.7662 | 0.6706 | 0.5551 | 0.4233 | 0.2834 | 0.1497 | 0.0444 | 0.0020 |
| | **6** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9998 | 0.9994 | 0.9984 | 0.9963 | 0.9922 | 0.9848 | 0.9720 | 0.9510 | 0.9176 | 0.8665 | 0.7903 | 0.6794 | 0.5217 | 0.3017 | 0.0679 |
| | **7** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **8** | **0** | 0.9227 | 0.6634 | 0.4305 | 0.2725 | 0.1678 | 0.1001 | 0.0576 | 0.0319 | 0.0168 | 0.0084 | 0.0039 | 0.0017 | 0.0007 | 0.0002 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9973 | 0.9428 | 0.8131 | 0.6572 | 0.5033 | 0.3671 | 0.2553 | 0.1691 | 0.1064 | 0.0632 | 0.0352 | 0.0181 | 0.0085 | 0.0036 | 0.0013 | 0.0004 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9999 | 0.9942 | 0.9619 | 0.8948 | 0.7969 | 0.6785 | 0.5518 | 0.4278 | 0.3154 | 0.2201 | 0.1445 | 0.0885 | 0.0498 | 0.0253 | 0.0113 | 0.0042 | 0.0012 | 0.0002 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9996 | 0.9950 | 0.9786 | 0.9437 | 0.8862 | 0.8059 | 0.7064 | 0.5941 | 0.4770 | 0.3633 | 0.2604 | 0.1737 | 0.1061 | 0.0580 | 0.0273 | 0.0104 | 0.0029 | 0.0004 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 1.0000 | 0.9996 | 0.9971 | 0.9896 | 0.9727 | 0.9420 | 0.8939 | 0.8263 | 0.7396 | 0.6367 | 0.5230 | 0.4059 | 0.2936 | 0.1941 | 0.1138 | 0.0563 | 0.0214 | 0.0050 | 0.0004 | 0.0000 |
| | **5** | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9988 | 0.9958 | 0.9887 | 0.9747 | 0.9502 | 0.9115 | 0.8555 | 0.7799 | 0.6846 | 0.5722 | 0.4482 | 0.3215 | 0.2031 | 0.1052 | 0.0381 | 0.0058 | 0.0001 |
| | **6** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9996 | 0.9987 | 0.9964 | 0.9915 | 0.9819 | 0.9648 | 0.9368 | 0.8936 | 0.8309 | 0.7447 | 0.6329 | 0.4967 | 0.3428 | 0.1869 | 0.0572 | 0.0027 |
| | **7** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9998 | 0.9993 | 0.9983 | 0.9961 | 0.9916 | 0.9832 | 0.9681 | 0.9424 | 0.8999 | 0.8322 | 0.7275 | 0.5695 | 0.3366 | 0.0773 |
| | **8** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

| *n* | *x* | *p* | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **9** | **0** | 0.9135 | 0.6302 | 0.3874 | 0.2316 | 0.1342 | 0.0751 | 0.0404 | 0.0207 | 0.0101 | 0.0046 | 0.0020 | 0.0008 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9966 | 0.9288 | 0.7748 | 0.5995 | 0.4362 | 0.3003 | 0.1960 | 0.1211 | 0.0705 | 0.0385 | 0.0195 | 0.0091 | 0.0038 | 0.0014 | 0.0004 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9999 | 0.9916 | 0.9470 | 0.8591 | 0.7382 | 0.6007 | 0.4628 | 0.3373 | 0.2318 | 0.1495 | 0.0898 | 0.0498 | 0.0250 | 0.0112 | 0.0043 | 0.0013 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9994 | 0.9917 | 0.9661 | 0.9144 | 0.8343 | 0.7297 | 0.6089 | 0.4826 | 0.3614 | 0.2539 | 0.1658 | 0.0994 | 0.0536 | 0.0253 | 0.0100 | 0.0031 | 0.0006 | 0.0001 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 1.0000 | 0.9991 | 0.9944 | 0.9804 | 0.9511 | 0.9012 | 0.8283 | 0.7334 | 0.6214 | 0.5000 | 0.3786 | 0.2666 | 0.1717 | 0.0988 | 0.0489 | 0.0196 | 0.0056 | 0.0009 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 1.0000 | 0.9999 | 0.9994 | 0.9969 | 0.9900 | 0.9747 | 0.9464 | 0.9006 | 0.8342 | 0.7461 | 0.6386 | 0.5174 | 0.3911 | 0.2703 | 0.1657 | 0.0856 | 0.0339 | 0.0083 | 0.0006 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9987 | 0.9957 | 0.9888 | 0.9750 | 0.9502 | 0.9102 | 0.8505 | 0.7682 | 0.6627 | 0.5372 | 0.3993 | 0.2618 | 0.1409 | 0.0530 | 0.0084 | 0.0001 |
| | **7** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9996 | 0.9986 | 0.9962 | 0.9909 | 0.9805 | 0.9615 | 0.9295 | 0.8789 | 0.8040 | 0.6997 | 0.5638 | 0.4005 | 0.2252 | 0.0712 | 0.0034 |
| | **8** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9992 | 0.9980 | 0.9954 | 0.9899 | 0.9793 | 0.9596 | 0.9249 | 0.8658 | 0.7684 | 0.6126 | 0.3698 | 0.0865 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **10** | **0** | 0.9044 | 0.5987 | 0.3487 | 0.1969 | 0.1074 | 0.0563 | 0.0282 | 0.0135 | 0.0060 | 0.0025 | 0.0010 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9957 | 0.9139 | 0.7361 | 0.5443 | 0.3758 | 0.2440 | 0.1493 | 0.0860 | 0.0464 | 0.0233 | 0.0107 | 0.0045 | 0.0017 | 0.0005 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9999 | 0.9885 | 0.9298 | 0.8202 | 0.6778 | 0.5256 | 0.3828 | 0.2616 | 0.1673 | 0.0996 | 0.0547 | 0.0274 | 0.0123 | 0.0048 | 0.0016 | 0.0004 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9990 | 0.9872 | 0.9500 | 0.8791 | 0.7759 | 0.6496 | 0.5138 | 0.3823 | 0.2660 | 0.1719 | 0.1020 | 0.0548 | 0.0260 | 0.0106 | 0.0035 | 0.0009 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9999 | 0.9984 | 0.9901 | 0.9672 | 0.9219 | 0.8497 | 0.7515 | 0.6331 | 0.5044 | 0.3770 | 0.2616 | 0.1662 | 0.0949 | 0.0473 | 0.0197 | 0.0064 | 0.0014 | 0.0001 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 1.0000 | 0.9999 | 0.9986 | 0.9936 | 0.9803 | 0.9527 | 0.9051 | 0.8338 | 0.7384 | 0.6230 | 0.4956 | 0.3669 | 0.2485 | 0.1503 | 0.0781 | 0.0328 | 0.0099 | 0.0016 | 0.0001 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9991 | 0.9965 | 0.9894 | 0.9740 | 0.9452 | 0.8980 | 0.8281 | 0.7340 | 0.6177 | 0.4862 | 0.3504 | 0.2241 | 0.1209 | 0.0500 | 0.0128 | 0.0010 | 0.0000 |
| | **7** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9996 | 0.9984 | 0.9952 | 0.9877 | 0.9726 | 0.9453 | 0.9004 | 0.8327 | 0.7384 | 0.6172 | 0.4744 | 0.3222 | 0.1798 | 0.0702 | 0.0115 | 0.0001 |
| | **8** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9995 | 0.9983 | 0.9955 | 0.9893 | 0.9767 | 0.9536 | 0.9140 | 0.8507 | 0.7560 | 0.6242 | 0.4557 | 0.2639 | 0.0861 | 0.0043 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9990 | 0.9975 | 0.9940 | 0.9865 | 0.9718 | 0.9437 | 0.8926 | 0.8031 | 0.6513 | 0.4013 | 0.0956 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **11** | **0** | 0.8953 | 0.5688 | 0.3138 | 0.1673 | 0.0859 | 0.0422 | 0.0198 | 0.0088 | 0.0036 | 0.0014 | 0.0005 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9948 | 0.8981 | 0.6974 | 0.4922 | 0.3221 | 0.1971 | 0.1130 | 0.0606 | 0.0302 | 0.0139 | 0.0059 | 0.0022 | 0.0007 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9998 | 0.9848 | 0.9104 | 0.7788 | 0.6174 | 0.4552 | 0.3127 | 0.2001 | 0.1189 | 0.0652 | 0.0327 | 0.0148 | 0.0059 | 0.0020 | 0.0006 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9984 | 0.9815 | 0.9306 | 0.8389 | 0.7133 | 0.5696 | 0.4256 | 0.2963 | 0.1911 | 0.1133 | 0.0610 | 0.0293 | 0.0122 | 0.0043 | 0.0012 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9999 | 0.9972 | 0.9841 | 0.9496 | 0.8854 | 0.7897 | 0.6683 | 0.5328 | 0.3971 | 0.2744 | 0.1738 | 0.0994 | 0.0501 | 0.0216 | 0.0076 | 0.0020 | 0.0003 | 0.0000 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 1.0000 | 0.9997 | 0.9973 | 0.9883 | 0.9657 | 0.9218 | 0.8513 | 0.7535 | 0.6331 | 0.5000 | 0.3669 | 0.2465 | 0.1487 | 0.0782 | 0.0343 | 0.0117 | 0.0027 | 0.0003 | 0.0000 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9980 | 0.9924 | 0.9784 | 0.9499 | 0.9006 | 0.8262 | 0.7256 | 0.6029 | 0.4672 | 0.3317 | 0.2103 | 0.1146 | 0.0504 | 0.0159 | 0.0028 | 0.0001 | 0.0000 |
| | **7** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9988 | 0.9957 | 0.9878 | 0.9707 | 0.9390 | 0.8867 | 0.8089 | 0.7037 | 0.5744 | 0.4304 | 0.2867 | 0.1611 | 0.0694 | 0.0185 | 0.0016 | 0.0000 |
| | **8** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9994 | 0.9980 | 0.9941 | 0.9852 | 0.9673 | 0.9348 | 0.8811 | 0.7999 | 0.6873 | 0.5448 | 0.3826 | 0.2212 | 0.0896 | 0.0152 | 0.0002 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9993 | 0.9978 | 0.9941 | 0.9861 | 0.9698 | 0.9394 | 0.8870 | 0.8029 | 0.6779 | 0.5078 | 0.3026 | 0.1019 | 0.0052 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9995 | 0.9986 | 0.9964 | 0.9912 | 0.9802 | 0.9578 | 0.9141 | 0.8327 | 0.6862 | 0.4312 | 0.1047 |
| | **11** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **12** | **0** | 0.8864 | 0.5404 | 0.2824 | 0.1422 | 0.0687 | 0.0317 | 0.0138 | 0.0057 | 0.0022 | 0.0008 | 0.0002 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9938 | 0.8816 | 0.6590 | 0.4435 | 0.2749 | 0.1584 | 0.0850 | 0.0424 | 0.0196 | 0.0083 | 0.0032 | 0.0011 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9998 | 0.9804 | 0.8891 | 0.7358 | 0.5583 | 0.3907 | 0.2528 | 0.1513 | 0.0834 | 0.0421 | 0.0193 | 0.0079 | 0.0028 | 0.0008 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9978 | 0.9744 | 0.9078 | 0.7946 | 0.6488 | 0.4925 | 0.3467 | 0.2253 | 0.1345 | 0.0730 | 0.0356 | 0.0153 | 0.0056 | 0.0017 | 0.0004 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9998 | 0.9957 | 0.9761 | 0.9274 | 0.8424 | 0.7237 | 0.5833 | 0.4382 | 0.3044 | 0.1938 | 0.1117 | 0.0573 | 0.0255 | 0.0095 | 0.0028 | 0.0006 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 1.0000 | 0.9995 | 0.9954 | 0.9806 | 0.9456 | 0.8822 | 0.7873 | 0.6652 | 0.5269 | 0.3872 | 0.2607 | 0.1582 | 0.0846 | 0.0386 | 0.0143 | 0.0039 | 0.0007 | 0.0001 | 0.0000 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 0.9999 | 0.9993 | 0.9961 | 0.9857 | 0.9614 | 0.9154 | 0.8418 | 0.7393 | 0.6128 | 0.4731 | 0.3348 | 0.2127 | 0.1178 | 0.0544 | 0.0194 | 0.0046 | 0.0005 | 0.0000 | 0.0000 |
| | **7** | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9994 | 0.9972 | 0.9905 | 0.9745 | 0.9427 | 0.8883 | 0.8062 | 0.6956 | 0.5618 | 0.4167 | 0.2763 | 0.1576 | 0.0726 | 0.0239 | 0.0043 | 0.0002 | 0.0000 |
| | **8** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9996 | 0.9983 | 0.9944 | 0.9847 | 0.9644 | 0.9270 | 0.8655 | 0.7747 | 0.6533 | 0.5075 | 0.3512 | 0.2054 | 0.0922 | 0.0256 | 0.0022 | 0.0000 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9992 | 0.9972 | 0.9921 | 0.9807 | 0.9579 | 0.9166 | 0.8487 | 0.7472 | 0.6093 | 0.4417 | 0.2642 | 0.1109 | 0.0196 | 0.0002 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9989 | 0.9968 | 0.9917 | 0.9804 | 0.9576 | 0.9150 | 0.8416 | 0.7251 | 0.5565 | 0.3410 | 0.1184 | 0.0062 |
| | **11** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9998 | 0.9992 | 0.9978 | 0.9943 | 0.9862 | 0.9683 | 0.9313 | 0.8578 | 0.7176 | 0.4596 | 0.1136 |
| | **12** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

| *n* | *x* | *p* | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| | **0** | 0.8775 | 0.5133 | 0.2542 | 0.1209 | 0.0550 | 0.0238 | 0.0097 | 0.0037 | 0.0013 | 0.0004 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9928 | 0.8646 | 0.6213 | 0.3983 | 0.2336 | 0.1267 | 0.0637 | 0.0296 | 0.0126 | 0.0049 | 0.0017 | 0.0005 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9997 | 0.9755 | 0.8661 | 0.6920 | 0.5017 | 0.3326 | 0.2025 | 0.1132 | 0.0579 | 0.0269 | 0.0112 | 0.0041 | 0.0013 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9969 | 0.9658 | 0.8820 | 0.7473 | 0.5843 | 0.4206 | 0.2783 | 0.1686 | 0.0929 | 0.0461 | 0.0203 | 0.0078 | 0.0025 | 0.0007 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9997 | 0.9935 | 0.9658 | 0.9009 | 0.7940 | 0.6543 | 0.5005 | 0.3530 | 0.2279 | 0.1334 | 0.0698 | 0.0321 | 0.0126 | 0.0040 | 0.0010 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 1.0000 | 0.9991 | 0.9925 | 0.9700 | 0.9198 | 0.8346 | 0.7159 | 0.5744 | 0.4268 | 0.2905 | 0.1788 | 0.0977 | 0.0462 | 0.0182 | 0.0056 | 0.0012 | 0.0002 | 0.0000 | 0.0000 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 0.9999 | 0.9987 | 0.9930 | 0.9757 | 0.9376 | 0.8705 | 0.7712 | 0.6437 | 0.5000 | 0.3563 | 0.2288 | 0.1295 | 0.0624 | 0.0243 | 0.0070 | 0.0013 | 0.0001 | 0.0000 | 0.0000 |
| **13** | **7** | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9988 | 0.9944 | 0.9818 | 0.9538 | 0.9023 | 0.8212 | 0.7095 | 0.5732 | 0.4256 | 0.2841 | 0.1654 | 0.0802 | 0.0300 | 0.0075 | 0.0009 | 0.0000 | 0.0000 |
| | **8** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9990 | 0.9960 | 0.9874 | 0.9679 | 0.9302 | 0.8666 | 0.7721 | 0.6470 | 0.4995 | 0.3457 | 0.2060 | 0.0991 | 0.0342 | 0.0065 | 0.0003 | 0.0000 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9993 | 0.9975 | 0.9922 | 0.9797 | 0.9539 | 0.9071 | 0.8314 | 0.7217 | 0.5794 | 0.4157 | 0.2527 | 0.1180 | 0.0342 | 0.0031 | 0.0000 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9987 | 0.9959 | 0.9888 | 0.9731 | 0.9421 | 0.8868 | 0.7975 | 0.6674 | 0.4983 | 0.3080 | 0.1339 | 0.0245 | 0.0003 |
| | **11** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9995 | 0.9983 | 0.9951 | 0.9874 | 0.9704 | 0.9363 | 0.8733 | 0.7664 | 0.6017 | 0.3787 | 0.1354 | 0.0072 |
| | **12** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9996 | 0.9987 | 0.9963 | 0.9903 | 0.9762 | 0.9450 | 0.8791 | 0.7458 | 0.4867 | 0.1225 |
| | **13** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| | **0** | 0.8687 | 0.4877 | 0.2288 | 0.1028 | 0.0440 | 0.0178 | 0.0068 | 0.0024 | 0.0008 | 0.0002 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9916 | 0.8470 | 0.5846 | 0.3567 | 0.1979 | 0.1010 | 0.0475 | 0.0205 | 0.0081 | 0.0029 | 0.0009 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9997 | 0.9699 | 0.8416 | 0.6479 | 0.4481 | 0.2811 | 0.1608 | 0.0839 | 0.0398 | 0.0170 | 0.0065 | 0.0022 | 0.0006 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9958 | 0.9559 | 0.8535 | 0.6982 | 0.5213 | 0.3552 | 0.2205 | 0.1243 | 0.0632 | 0.0287 | 0.0114 | 0.0039 | 0.0011 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9996 | 0.9908 | 0.9533 | 0.8702 | 0.7415 | 0.5842 | 0.4227 | 0.2793 | 0.1672 | 0.0898 | 0.0426 | 0.0175 | 0.0060 | 0.0017 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 1.0000 | 0.9985 | 0.9885 | 0.9561 | 0.8883 | 0.7805 | 0.6405 | 0.4859 | 0.3373 | 0.2120 | 0.1189 | 0.0583 | 0.0243 | 0.0083 | 0.0022 | 0.0004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 0.9998 | 0.9978 | 0.9884 | 0.9617 | 0.9067 | 0.8164 | 0.6925 | 0.5461 | 0.3953 | 0.2586 | 0.1501 | 0.0753 | 0.0315 | 0.0103 | 0.0024 | 0.0003 | 0.0000 | 0.0000 | 0.0000 |
| **14** | **7** | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9976 | 0.9897 | 0.9685 | 0.9247 | 0.8499 | 0.7414 | 0.6047 | 0.4539 | 0.3075 | 0.1836 | 0.0933 | 0.0383 | 0.0116 | 0.0022 | 0.0002 | 0.0000 | 0.0000 |
| | **8** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9996 | 0.9978 | 0.9917 | 0.9757 | 0.9417 | 0.8811 | 0.7880 | 0.6627 | 0.5141 | 0.3595 | 0.2195 | 0.1117 | 0.0439 | 0.0115 | 0.0015 | 0.0000 | 0.0000 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9983 | 0.9940 | 0.9825 | 0.9574 | 0.9102 | 0.8328 | 0.7207 | 0.5773 | 0.4158 | 0.2585 | 0.1298 | 0.0467 | 0.0092 | 0.0004 | 0.0000 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9989 | 0.9961 | 0.9886 | 0.9713 | 0.9368 | 0.8757 | 0.7795 | 0.6448 | 0.4787 | 0.3018 | 0.1465 | 0.0441 | 0.0042 | 0.0000 |
| | **11** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9994 | 0.9978 | 0.9935 | 0.9830 | 0.9602 | 0.9161 | 0.8392 | 0.7189 | 0.5519 | 0.3521 | 0.1584 | 0.0301 | 0.0003 |
| | **12** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9991 | 0.9971 | 0.9919 | 0.9795 | 0.9525 | 0.8990 | 0.8021 | 0.6433 | 0.4154 | 0.1530 | 0.0084 |
| | **13** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9998 | 0.9992 | 0.9976 | 0.9932 | 0.9822 | 0.9560 | 0.8972 | 0.7712 | 0.5123 | 0.1313 |
| | **14** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| | **0** | 0.8601 | 0.4633 | 0.2059 | 0.0874 | 0.0352 | 0.0134 | 0.0047 | 0.0016 | 0.0005 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9904 | 0.8290 | 0.5490 | 0.3186 | 0.1671 | 0.0802 | 0.0353 | 0.0142 | 0.0052 | 0.0017 | 0.0005 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9996 | 0.9638 | 0.8159 | 0.6042 | 0.3980 | 0.2361 | 0.1268 | 0.0617 | 0.0271 | 0.0107 | 0.0037 | 0.0011 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9945 | 0.9444 | 0.8227 | 0.6482 | 0.4613 | 0.2969 | 0.1727 | 0.0905 | 0.0424 | 0.0176 | 0.0063 | 0.0019 | 0.0005 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9994 | 0.9873 | 0.9383 | 0.8358 | 0.6865 | 0.5155 | 0.3519 | 0.2173 | 0.1204 | 0.0592 | 0.0255 | 0.0093 | 0.0028 | 0.0007 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 0.9999 | 0.9978 | 0.9832 | 0.9389 | 0.8516 | 0.7216 | 0.5643 | 0.4032 | 0.2608 | 0.1509 | 0.0769 | 0.0338 | 0.0124 | 0.0037 | 0.0008 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 0.9997 | 0.9964 | 0.9819 | 0.9434 | 0.8689 | 0.7548 | 0.6098 | 0.4522 | 0.3036 | 0.1818 | 0.0950 | 0.0422 | 0.0152 | 0.0042 | 0.0008 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| | **7** | 1.0000 | 1.0000 | 1.0000 | 0.9994 | 0.9958 | 0.9827 | 0.9500 | 0.8868 | 0.7869 | 0.6535 | 0.5000 | 0.3465 | 0.2131 | 0.1132 | 0.0500 | 0.0173 | 0.0042 | 0.0006 | 0.0000 | 0.0000 | 0.0000 |
| **15** | **8** | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9992 | 0.9958 | 0.9848 | 0.9578 | 0.9050 | 0.8182 | 0.6964 | 0.5478 | 0.3902 | 0.2452 | 0.1311 | 0.0566 | 0.0181 | 0.0036 | 0.0003 | 0.0000 | 0.0000 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9992 | 0.9963 | 0.9876 | 0.9662 | 0.9231 | 0.8491 | 0.7392 | 0.5968 | 0.4357 | 0.2784 | 0.1484 | 0.0611 | 0.0168 | 0.0022 | 0.0001 | 0.0000 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9993 | 0.9972 | 0.9907 | 0.9745 | 0.9408 | 0.8796 | 0.7827 | 0.6481 | 0.4845 | 0.3135 | 0.1642 | 0.0617 | 0.0127 | 0.0006 | 0.0000 |
| | **11** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9995 | 0.9981 | 0.9937 | 0.9824 | 0.9576 | 0.9095 | 0.8273 | 0.7031 | 0.5387 | 0.3518 | 0.1773 | 0.0556 | 0.0055 | 0.0000 |
| | **12** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9989 | 0.9963 | 0.9893 | 0.9729 | 0.9383 | 0.8732 | 0.7639 | 0.6020 | 0.3958 | 0.1841 | 0.0362 | 0.0004 |
| | **13** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9995 | 0.9983 | 0.9948 | 0.9858 | 0.9647 | 0.9198 | 0.8329 | 0.6814 | 0.4510 | 0.1710 | 0.0096 |
| | **14** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9995 | 0.9984 | 0.9953 | 0.9866 | 0.9648 | 0.9126 | 0.7941 | 0.5367 | 0.1399 |
| | **15** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

| *n* | *x* | *p* | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| | **0** | 0.8515 | 0.4401 | 0.1853 | 0.0743 | 0.0281 | 0.0100 | 0.0033 | 0.0010 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9891 | 0.8108 | 0.5147 | 0.2839 | 0.1407 | 0.0635 | 0.0261 | 0.0098 | 0.0033 | 0.0010 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9995 | 0.9571 | 0.7892 | 0.5614 | 0.3518 | 0.1971 | 0.0994 | 0.0451 | 0.0183 | 0.0066 | 0.0021 | 0.0006 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9930 | 0.9316 | 0.7899 | 0.5981 | 0.4050 | 0.2459 | 0.1339 | 0.0651 | 0.0281 | 0.0106 | 0.0035 | 0.0009 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9991 | 0.9830 | 0.9209 | 0.7982 | 0.6302 | 0.4499 | 0.2892 | 0.1666 | 0.0853 | 0.0384 | 0.0149 | 0.0049 | 0.0013 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 0.9999 | 0.9967 | 0.9765 | 0.9183 | 0.8103 | 0.6598 | 0.4900 | 0.3288 | 0.1976 | 0.1051 | 0.0486 | 0.0191 | 0.0062 | 0.0016 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 0.9995 | 0.9944 | 0.9733 | 0.9204 | 0.8247 | 0.6881 | 0.5272 | 0.3660 | 0.2272 | 0.1241 | 0.0583 | 0.0229 | 0.0071 | 0.0016 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **7** | 1.0000 | 1.0000 | 0.9999 | 0.9989 | 0.9930 | 0.9729 | 0.9256 | 0.8406 | 0.7161 | 0.5629 | 0.4018 | 0.2559 | 0.1423 | 0.0671 | 0.0257 | 0.0075 | 0.0015 | 0.0002 | 0.0000 | 0.0000 | 0.0000 |
| **16** | **8** | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9985 | 0.9925 | 0.9743 | 0.9329 | 0.8577 | 0.7441 | 0.5982 | 0.4371 | 0.2839 | 0.1594 | 0.0744 | 0.0271 | 0.0070 | 0.0011 | 0.0001 | 0.0000 | 0.0000 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9984 | 0.9929 | 0.9771 | 0.9417 | 0.8759 | 0.7728 | 0.6340 | 0.4728 | 0.3119 | 0.1753 | 0.0796 | 0.0267 | 0.0056 | 0.0005 | 0.0000 | 0.0000 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9984 | 0.9938 | 0.9809 | 0.9514 | 0.8949 | 0.8024 | 0.6712 | 0.5100 | 0.3402 | 0.1897 | 0.0817 | 0.0235 | 0.0033 | 0.0001 | 0.0000 |
| | **11** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9987 | 0.9951 | 0.9851 | 0.9616 | 0.9147 | 0.8334 | 0.7108 | 0.5501 | 0.3698 | 0.2018 | 0.0791 | 0.0170 | 0.0009 | 0.0000 |
| | **12** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9991 | 0.9965 | 0.9894 | 0.9719 | 0.9349 | 0.8661 | 0.7541 | 0.5950 | 0.4019 | 0.2101 | 0.0684 | 0.0070 | 0.0000 |
| | **13** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9994 | 0.9979 | 0.9934 | 0.9817 | 0.9549 | 0.9006 | 0.8029 | 0.6482 | 0.4386 | 0.2108 | 0.0429 | 0.0005 |
| | **14** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9990 | 0.9967 | 0.9902 | 0.9739 | 0.9365 | 0.8593 | 0.7161 | 0.4853 | 0.1892 | 0.0109 |
| | **15** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9990 | 0.9967 | 0.9900 | 0.9719 | 0.9257 | 0.8147 | 0.5599 | 0.1485 |
| | **16** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| | **0** | 0.8429 | 0.4181 | 0.1668 | 0.0631 | 0.0225 | 0.0075 | 0.0023 | 0.0007 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9877 | 0.7922 | 0.4818 | 0.2525 | 0.1182 | 0.0501 | 0.0193 | 0.0067 | 0.0021 | 0.0006 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9994 | 0.9497 | 0.7618 | 0.5198 | 0.3096 | 0.1637 | 0.0774 | 0.0327 | 0.0123 | 0.0041 | 0.0012 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9912 | 0.9174 | 0.7556 | 0.5489 | 0.3530 | 0.2019 | 0.1028 | 0.0464 | 0.0184 | 0.0064 | 0.0019 | 0.0005 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9988 | 0.9779 | 0.9013 | 0.7582 | 0.5739 | 0.3887 | 0.2348 | 0.1260 | 0.0596 | 0.0245 | 0.0086 | 0.0025 | 0.0006 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 0.9999 | 0.9953 | 0.9681 | 0.8943 | 0.7653 | 0.5968 | 0.4197 | 0.2639 | 0.1471 | 0.0717 | 0.0301 | 0.0106 | 0.0030 | 0.0007 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 0.9992 | 0.9917 | 0.9623 | 0.8929 | 0.7752 | 0.6188 | 0.4478 | 0.2902 | 0.1662 | 0.0826 | 0.0348 | 0.0120 | 0.0032 | 0.0006 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **7** | 1.0000 | 1.0000 | 0.9999 | 0.9983 | 0.9891 | 0.9598 | 0.8954 | 0.7872 | 0.6405 | 0.4743 | 0.3145 | 0.1834 | 0.0919 | 0.0383 | 0.0127 | 0.0031 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| **17** | **8** | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9974 | 0.9876 | 0.9597 | 0.9006 | 0.8011 | 0.6626 | 0.5000 | 0.3374 | 0.1989 | 0.0994 | 0.0403 | 0.0124 | 0.0026 | 0.0003 | 0.0000 | 0.0000 | 0.0000 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9995 | 0.9969 | 0.9873 | 0.9617 | 0.9081 | 0.8166 | 0.6855 | 0.5257 | 0.3595 | 0.2128 | 0.1046 | 0.0402 | 0.0109 | 0.0017 | 0.0001 | 0.0000 | 0.0000 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9994 | 0.9968 | 0.9880 | 0.9652 | 0.9174 | 0.8338 | 0.7098 | 0.5522 | 0.3812 | 0.2248 | 0.1071 | 0.0377 | 0.0083 | 0.0008 | 0.0000 | 0.0000 |
| | **11** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9993 | 0.9970 | 0.9894 | 0.9699 | 0.9283 | 0.8529 | 0.7361 | 0.5803 | 0.4032 | 0.2347 | 0.1057 | 0.0319 | 0.0047 | 0.0001 | 0.0000 |
| | **12** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9994 | 0.9975 | 0.9914 | 0.9755 | 0.9404 | 0.8740 | 0.7652 | 0.6113 | 0.4261 | 0.2418 | 0.0987 | 0.0221 | 0.0012 | 0.0000 |
| | **13** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9995 | 0.9981 | 0.9936 | 0.9816 | 0.9536 | 0.8972 | 0.7981 | 0.6470 | 0.4511 | 0.2444 | 0.0826 | 0.0088 | 0.0000 |
| | **14** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9988 | 0.9959 | 0.9877 | 0.9673 | 0.9226 | 0.8363 | 0.6904 | 0.4802 | 0.2382 | 0.0503 | 0.0006 |
| | **15** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9994 | 0.9979 | 0.9933 | 0.9807 | 0.9499 | 0.8818 | 0.7475 | 0.5182 | 0.2078 | 0.0123 |
| | **16** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9993 | 0.9977 | 0.9925 | 0.9775 | 0.9369 | 0.8332 | 0.5819 | 0.1571 |
| | **17** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| | **0** | 0.8345 | 0.3972 | 0.1501 | 0.0536 | 0.0180 | 0.0056 | 0.0016 | 0.0004 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9862 | 0.7735 | 0.4503 | 0.2241 | 0.0991 | 0.0395 | 0.0142 | 0.0046 | 0.0013 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9993 | 0.9419 | 0.7338 | 0.4797 | 0.2713 | 0.1353 | 0.0600 | 0.0236 | 0.0082 | 0.0025 | 0.0007 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9891 | 0.9018 | 0.7202 | 0.5010 | 0.3057 | 0.1646 | 0.0783 | 0.0328 | 0.0120 | 0.0038 | 0.0010 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9985 | 0.9718 | 0.8794 | 0.7164 | 0.5187 | 0.3327 | 0.1886 | 0.0942 | 0.0411 | 0.0154 | 0.0049 | 0.0013 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 0.9998 | 0.9936 | 0.9581 | 0.8671 | 0.7175 | 0.5344 | 0.3550 | 0.2088 | 0.1077 | 0.0481 | 0.0183 | 0.0058 | 0.0014 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 0.9988 | 0.9882 | 0.9487 | 0.8610 | 0.7217 | 0.5491 | 0.3743 | 0.2258 | 0.1189 | 0.0537 | 0.0203 | 0.0062 | 0.0014 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **7** | 1.0000 | 1.0000 | 0.9998 | 0.9973 | 0.9837 | 0.9431 | 0.8593 | 0.7283 | 0.5634 | 0.3915 | 0.2403 | 0.1280 | 0.0576 | 0.0212 | 0.0061 | 0.0012 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **8** | 1.0000 | 1.0000 | 1.0000 | 0.9995 | 0.9957 | 0.9807 | 0.9404 | 0.8609 | 0.7368 | 0.5778 | 0.4073 | 0.2527 | 0.1347 | 0.0597 | 0.0210 | 0.0054 | 0.0009 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| **18** | **9** | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9991 | 0.9946 | 0.9790 | 0.9403 | 0.8653 | 0.7473 | 0.5927 | 0.4222 | 0.2632 | 0.1391 | 0.0596 | 0.0193 | 0.0043 | 0.0005 | 0.0000 | 0.0000 | 0.0000 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9988 | 0.9939 | 0.9788 | 0.9424 | 0.8720 | 0.7597 | 0.6085 | 0.4366 | 0.2717 | 0.1407 | 0.0569 | 0.0163 | 0.0027 | 0.0002 | 0.0000 | 0.0000 |
| | **11** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9986 | 0.9938 | 0.9797 | 0.9463 | 0.8811 | 0.7742 | 0.6257 | 0.4509 | 0.2783 | 0.1390 | 0.0513 | 0.0118 | 0.0012 | 0.0000 | 0.0000 |
| | **12** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9986 | 0.9942 | 0.9817 | 0.9519 | 0.8923 | 0.7912 | 0.6450 | 0.4656 | 0.2825 | 0.1329 | 0.0419 | 0.0064 | 0.0002 | 0.0000 |
| | **13** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9987 | 0.9951 | 0.9846 | 0.9589 | 0.9058 | 0.8114 | 0.6673 | 0.4813 | 0.2836 | 0.1206 | 0.0282 | 0.0015 | 0.0000 |
| | **14** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9990 | 0.9962 | 0.9880 | 0.9672 | 0.9217 | 0.8354 | 0.6943 | 0.4990 | 0.2798 | 0.0982 | 0.0109 | 0.0000 |
| | **15** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9993 | 0.9975 | 0.9918 | 0.9764 | 0.9400 | 0.8647 | 0.7287 | 0.5203 | 0.2662 | 0.0581 | 0.0007 |
| | **16** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9987 | 0.9954 | 0.9858 | 0.9605 | 0.9009 | 0.7759 | 0.5497 | 0.2265 | 0.0138 |
| | **17** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9996 | 0.9984 | 0.9944 | 0.9820 | 0.9464 | 0.8499 | 0.6028 | 0.1655 |
| | **18** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

| *n* | *x* | *p* | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **19** | **0** | 0.8262 | 0.3774 | 0.1351 | 0.0456 | 0.0144 | 0.0042 | 0.0011 | 0.0003 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9847 | 0.7547 | 0.4203 | 0.1985 | 0.0829 | 0.0310 | 0.0104 | 0.0031 | 0.0008 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9991 | 0.9335 | 0.7054 | 0.4413 | 0.2369 | 0.1113 | 0.0462 | 0.0170 | 0.0055 | 0.0015 | 0.0004 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9868 | 0.8850 | 0.6841 | 0.4551 | 0.2631 | 0.1332 | 0.0591 | 0.0230 | 0.0077 | 0.0022 | 0.0005 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9980 | 0.9648 | 0.8556 | 0.6733 | 0.4654 | 0.2822 | 0.1500 | 0.0696 | 0.0280 | 0.0096 | 0.0028 | 0.0006 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 0.9998 | 0.9914 | 0.9463 | 0.8369 | 0.6678 | 0.4739 | 0.2968 | 0.1629 | 0.0777 | 0.0318 | 0.0109 | 0.0031 | 0.0007 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 0.9983 | 0.9837 | 0.9324 | 0.8251 | 0.6655 | 0.4812 | 0.3081 | 0.1727 | 0.0835 | 0.0342 | 0.0116 | 0.0031 | 0.0006 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **7** | 1.0000 | 1.0000 | 0.9997 | 0.9959 | 0.9767 | 0.9225 | 0.8180 | 0.6656 | 0.4878 | 0.3169 | 0.1796 | 0.0871 | 0.0352 | 0.0114 | 0.0028 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **8** | 1.0000 | 1.0000 | 1.0000 | 0.9992 | 0.9933 | 0.9713 | 0.9161 | 0.8145 | 0.6675 | 0.4940 | 0.3238 | 0.1841 | 0.0885 | 0.0347 | 0.0105 | 0.0023 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9984 | 0.9911 | 0.9674 | 0.9125 | 0.8139 | 0.6710 | 0.5000 | 0.3290 | 0.1861 | 0.0875 | 0.0326 | 0.0089 | 0.0016 | 0.0001 | 0.0000 | 0.0000 | 0.0000 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9977 | 0.9895 | 0.9653 | 0.9115 | 0.8159 | 0.6762 | 0.5060 | 0.3325 | 0.1855 | 0.0839 | 0.0287 | 0.0067 | 0.0008 | 0.0000 | 0.0000 | 0.0000 |
| | **11** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9995 | 0.9972 | 0.9886 | 0.9648 | 0.9129 | 0.8204 | 0.6831 | 0.5122 | 0.3344 | 0.1820 | 0.0775 | 0.0233 | 0.0041 | 0.0003 | 0.0000 | 0.0000 |
| | **12** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9994 | 0.9969 | 0.9884 | 0.9658 | 0.9165 | 0.8273 | 0.6919 | 0.5188 | 0.3345 | 0.1749 | 0.0676 | 0.0163 | 0.0017 | 0.0000 | 0.0000 |
| | **13** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9993 | 0.9969 | 0.9891 | 0.9682 | 0.9223 | 0.8371 | 0.7032 | 0.5261 | 0.3322 | 0.1631 | 0.0537 | 0.0086 | 0.0002 | 0.0000 |
| | **14** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9994 | 0.9972 | 0.9904 | 0.9720 | 0.9304 | 0.8500 | 0.7178 | 0.5346 | 0.3267 | 0.1444 | 0.0352 | 0.0020 | 0.0000 |
| | **15** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9995 | 0.9978 | 0.9923 | 0.9770 | 0.9409 | 0.8668 | 0.7369 | 0.5449 | 0.3159 | 0.1150 | 0.0132 | 0.0000 |
| | **16** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9996 | 0.9985 | 0.9945 | 0.9830 | 0.9538 | 0.8887 | 0.7631 | 0.5587 | 0.2946 | 0.0665 | 0.0009 |
| | **17** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9992 | 0.9969 | 0.9896 | 0.9690 | 0.9171 | 0.8015 | 0.5797 | 0.2453 | 0.0153 |
| | **18** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9997 | 0.9989 | 0.9958 | 0.9856 | 0.9544 | 0.8649 | 0.6226 | 0.1738 |
| | **19** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| | | **0.01** | **0.05** | **0.10** | **0.15** | **0.20** | **0.25** | **0.30** | **0.35** | **0.40** | **0.45** | **0.50** | **0.55** | **0.60** | **0.65** | **0.70** | **0.75** | **0.80** | **0.85** | **0.90** | **0.95** | **0.99** |
| **20** | **0** | 0.8179 | 0.3585 | 0.1216 | 0.0388 | 0.0115 | 0.0032 | 0.0008 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **1** | 0.9831 | 0.7358 | 0.3917 | 0.1756 | 0.0692 | 0.0243 | 0.0076 | 0.0021 | 0.0005 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **2** | 0.9990 | 0.9245 | 0.6769 | 0.4049 | 0.2061 | 0.0913 | 0.0355 | 0.0121 | 0.0036 | 0.0009 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **3** | 1.0000 | 0.9841 | 0.8670 | 0.6477 | 0.4114 | 0.2252 | 0.1071 | 0.0444 | 0.0160 | 0.0049 | 0.0013 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **4** | 1.0000 | 0.9974 | 0.9568 | 0.8298 | 0.6296 | 0.4148 | 0.2375 | 0.1182 | 0.0510 | 0.0189 | 0.0059 | 0.0015 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **5** | 1.0000 | 0.9997 | 0.9887 | 0.9327 | 0.8042 | 0.6172 | 0.4164 | 0.2454 | 0.1256 | 0.0553 | 0.0207 | 0.0064 | 0.0016 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **6** | 1.0000 | 1.0000 | 0.9976 | 0.9781 | 0.9133 | 0.7858 | 0.6080 | 0.4166 | 0.2500 | 0.1299 | 0.0577 | 0.0214 | 0.0065 | 0.0015 | 0.0003 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **7** | 1.0000 | 1.0000 | 0.9996 | 0.9941 | 0.9679 | 0.8982 | 0.7723 | 0.6010 | 0.4159 | 0.2520 | 0.1316 | 0.0580 | 0.0210 | 0.0060 | 0.0013 | 0.0002 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **8** | 1.0000 | 1.0000 | 0.9999 | 0.9987 | 0.9900 | 0.9591 | 0.8867 | 0.7624 | 0.5956 | 0.4143 | 0.2517 | 0.1308 | 0.0565 | 0.0196 | 0.0051 | 0.0009 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **9** | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9974 | 0.9861 | 0.9520 | 0.8782 | 0.7553 | 0.5914 | 0.4119 | 0.2493 | 0.1275 | 0.0532 | 0.0171 | 0.0039 | 0.0006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | **10** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9994 | 0.9961 | 0.9829 | 0.9468 | 0.8725 | 0.7507 | 0.5881 | 0.4086 | 0.2447 | 0.1218 | 0.0480 | 0.0139 | 0.0026 | 0.0002 | 0.0000 | 0.0000 | 0.0000 |
| | **11** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9991 | 0.9949 | 0.9804 | 0.9435 | 0.8692 | 0.7483 | 0.5857 | 0.4044 | 0.2376 | 0.1133 | 0.0409 | 0.0100 | 0.0013 | 0.0001 | 0.0000 | 0.0000 |
| | **12** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9987 | 0.9940 | 0.9790 | 0.9420 | 0.8684 | 0.7480 | 0.5841 | 0.3990 | 0.2277 | 0.1018 | 0.0321 | 0.0059 | 0.0004 | 0.0000 | 0.0000 |
| | **13** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9985 | 0.9935 | 0.9786 | 0.9423 | 0.8701 | 0.7500 | 0.5834 | 0.3920 | 0.2142 | 0.0867 | 0.0219 | 0.0024 | 0.0000 | 0.0000 |
| | **14** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9984 | 0.9936 | 0.9793 | 0.9447 | 0.8744 | 0.7546 | 0.5836 | 0.3828 | 0.1958 | 0.0673 | 0.0113 | 0.0003 | 0.0000 |
| | **15** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9985 | 0.9941 | 0.9811 | 0.9490 | 0.8818 | 0.7625 | 0.5852 | 0.3704 | 0.1702 | 0.0432 | 0.0026 | 0.0000 |
| | **16** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9997 | 0.9987 | 0.9951 | 0.9840 | 0.9556 | 0.8929 | 0.7748 | 0.5886 | 0.3523 | 0.1330 | 0.0159 | 0.0000 |
| | **17** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9991 | 0.9964 | 0.9879 | 0.9645 | 0.9087 | 0.7939 | 0.5951 | 0.3231 | 0.0755 | 0.0010 |
| | **18** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9999 | 0.9995 | 0.9979 | 0.9924 | 0.9757 | 0.9308 | 0.8244 | 0.6083 | 0.2642 | 0.0169 |
| | **19** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9998 | 0.9992 | 0.9968 | 0.9885 | 0.9612 | 0.8784 | 0.6415 | 0.1821 |
| | **20** | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |