

**Table 1 Binomial distribution — probability function**

|            | x | <i>p</i> |       |       |       |       |       |       |       |       |       |       |   |
|------------|---|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
|            |   | 0.01     | 0.05  | 0.10  | 0.15  | 0.20  | 0.25  | 0.30  | 0.35  | 0.40  | 0.45  | 0.50  |   |
| <b>n=1</b> | 0 | .9900    | .9500 | .9000 | .8500 | .8000 | .7500 | .7000 | .6500 | .6000 | .5500 | .5000 | 1 |
|            | 1 | .0100    | .0500 | .1000 | .1500 | .2000 | .2500 | .3000 | .3500 | .4000 | .4500 | .5000 | 0 |
| <b>n=2</b> | 0 | .9801    | .9025 | .8100 | .7225 | .6400 | .5625 | .4900 | .4225 | .3600 | .3025 | .2500 | 2 |
|            | 1 | .0198    | .0950 | .1800 | .2550 | .3200 | .3750 | .4200 | .4550 | .4800 | .4950 | .5000 | 1 |
|            | 2 | .0001    | .0025 | .0100 | .0225 | .0400 | .0625 | .0900 | .1225 | .1600 | .2025 | .2500 | 0 |
| <b>n=3</b> | 0 | .9703    | .8574 | .7290 | .6141 | .5120 | .4219 | .3430 | .2746 | .2160 | .1664 | .1250 | 3 |
|            | 1 | .0294    | .1354 | .2430 | .3251 | .3840 | .4219 | .4410 | .4436 | .4320 | .4084 | .3750 | 2 |
|            | 2 | .0003    | .0071 | .0270 | .0574 | .0960 | .1406 | .1890 | .2389 | .2880 | .3341 | .3750 | 1 |
|            | 3 |          | .0001 | .0010 | .0034 | .0080 | .0156 | .0270 | .0429 | .0640 | .0911 | .1250 | 0 |
| <b>n=4</b> | 0 | .9606    | .8145 | .6561 | .5220 | .4096 | .3164 | .2401 | .1785 | .1296 | .0915 | .0625 | 4 |
|            | 1 | .0388    | .1715 | .2916 | .3685 | .4096 | .4219 | .4116 | .3845 | .3456 | .2995 | .2500 | 3 |
|            | 2 | .0006    | .0135 | .0486 | .0975 | .1536 | .2109 | .2646 | .3105 | .3456 | .3675 | .3750 | 2 |
|            | 3 |          | .0005 | .0036 | .0115 | .0256 | .0469 | .0756 | .1115 | .1536 | .2005 | .2500 | 1 |
|            | 4 |          |       | .0001 | .0005 | .0016 | .0039 | .0081 | .0150 | .0256 | .0410 | .0625 | 0 |
| <b>n=5</b> | 0 | .9510    | .7738 | .5905 | .4437 | .3277 | .2373 | .1681 | .1160 | .0778 | .0503 | .0313 | 5 |
|            | 1 | .0480    | .2036 | .3281 | .3915 | .4096 | .3955 | .3602 | .3124 | .2592 | .2059 | .1563 | 4 |
|            | 2 | .0010    | .0214 | .0729 | .1382 | .2048 | .2637 | .3087 | .3364 | .3456 | .3369 | .3125 | 3 |
|            | 3 |          | .0011 | .0081 | .0244 | .0512 | .0879 | .1323 | .1811 | .2304 | .2757 | .3125 | 2 |
|            | 4 |          |       | .0005 | .0022 | .0064 | .0146 | .0284 | .0488 | .0768 | .1128 | .1563 | 1 |
|            | 5 |          |       |       | .0001 | .0003 | .0010 | .0024 | .0053 | .0102 | .0185 | .0313 | 0 |
| <b>n=6</b> | 0 | .9415    | .7351 | .5314 | .3771 | .2621 | .1780 | .1176 | .0754 | .0467 | .0277 | .0156 | 6 |
|            | 1 | .0571    | .2321 | .3543 | .3993 | .3932 | .3560 | .3025 | .2437 | .1866 | .1359 | .0938 | 5 |
|            | 2 | .0014    | .0305 | .0984 | .1762 | .2458 | .2966 | .3241 | .3280 | .3110 | .2780 | .2344 | 4 |
|            | 3 |          | .0021 | .0146 | .0415 | .0819 | .1318 | .1852 | .2355 | .2765 | .3032 | .3125 | 3 |
|            | 4 |          | .0001 | .0012 | .0055 | .0154 | .0330 | .0595 | .0951 | .1382 | .1861 | .2344 | 2 |
|            | 5 |          |       | .0001 | .0004 | .0015 | .0044 | .0102 | .0205 | .0369 | .0609 | .0938 | 1 |
|            | 6 |          |       |       |       | .0001 | .0002 | .0007 | .0018 | .0041 | .0083 | .0156 | 0 |
| <b>n=7</b> | 0 | .9321    | .6983 | .4783 | .3206 | .2097 | .1335 | .0824 | .0490 | .0280 | .0152 | .0078 | 7 |
|            | 1 | .0659    | .2573 | .3720 | .3960 | .3670 | .3115 | .2471 | .1848 | .1306 | .0872 | .0547 | 6 |
|            | 2 | .0020    | .0406 | .1240 | .2097 | .2753 | .3115 | .3177 | .2985 | .2613 | .2140 | .1641 | 5 |
|            | 3 |          | .0036 | .0230 | .0617 | .1147 | .1730 | .2269 | .2679 | .2903 | .2918 | .2734 | 4 |
|            | 4 |          | .0002 | .0026 | .0109 | .0287 | .0577 | .0972 | .1442 | .1935 | .2388 | .2734 | 3 |
|            | 5 |          |       | .0002 | .0012 | .0043 | .0115 | .0250 | .0466 | .0774 | .1172 | .1641 | 2 |
|            | 6 |          |       |       | .0001 | .0004 | .0013 | .0036 | .0084 | .0172 | .0320 | .0547 | 1 |
|            | 7 |          |       |       |       |       | .0001 | .0002 | .0006 | .0016 | .0037 | .0078 | 0 |
| <b>n=8</b> | 0 | .9227    | .6634 | .4305 | .2725 | .1678 | .1001 | .0576 | .0319 | .0168 | .0084 | .0039 | 8 |
|            | 1 | .0746    | .2793 | .3826 | .3847 | .3355 | .2670 | .1977 | .1373 | .0896 | .0548 | .0313 | 7 |
|            | 2 | .0026    | .0515 | .1488 | .2376 | .2936 | .3115 | .2965 | .2587 | .2090 | .1569 | .1094 | 6 |
|            | 3 | .0001    | .0054 | .0331 | .0839 | .1468 | .2076 | .2541 | .2786 | .2787 | .2568 | .2188 | 5 |
|            | 4 |          | .0004 | .0046 | .0185 | .0459 | .0865 | .1361 | .1875 | .2322 | .2627 | .2734 | 4 |
|            | 5 |          |       | .0004 | .0026 | .0092 | .0231 | .0467 | .0808 | .1239 | .1719 | .2188 | 3 |
|            | 6 |          |       |       | .0002 | .0011 | .0038 | .0100 | .0217 | .0413 | .0703 | .1094 | 2 |
|            | 7 |          |       |       |       | .0001 | .0004 | .0012 | .0033 | .0079 | .0164 | .0313 | 1 |
|            | 8 |          |       |       |       |       |       | .0001 | .0002 | .0007 | .0017 | .0039 | 0 |
|            |   | 0.99     | 0.95  | 0.90  | 0.85  | 0.80  | 0.75  | 0.70  | 0.65  | 0.60  | 0.55  | 0.50  | x |

|      | x  | p      |        |        |        |        |        |        |        |        |        |        |    |
|------|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|
|      |    | 0.01   | 0.05   | 0.10   | 0.15   | 0.20   | 0.25   | 0.30   | 0.35   | 0.40   | 0.45   | 0.50   |    |
| n=9  | 0  | 0.9135 | 0.6302 | 0.3874 | 0.2316 | 0.1342 | 0.0751 | 0.0404 | 0.0207 | 0.0101 | 0.0046 | 0.0020 | 9  |
|      | 1  | 0.0830 | 0.2985 | 0.3874 | 0.3679 | 0.3020 | 0.2253 | 0.1556 | 0.1004 | 0.0605 | 0.0339 | 0.0176 | 8  |
|      | 2  | 0.0034 | 0.0629 | 0.1722 | 0.2597 | 0.3020 | 0.3003 | 0.2668 | 0.2162 | 0.1612 | 0.1110 | 0.0703 | 7  |
|      | 3  | 0.0001 | 0.0077 | 0.0446 | 0.1069 | 0.1762 | 0.2336 | 0.2668 | 0.2716 | 0.2508 | 0.2119 | 0.1641 | 6  |
|      | 4  |        | 0.0006 | 0.0074 | 0.0283 | 0.0661 | 0.1168 | 0.1715 | 0.2194 | 0.2508 | 0.2600 | 0.2461 | 5  |
|      | 5  |        |        | 0.0008 | 0.0050 | 0.0165 | 0.0389 | 0.0735 | 0.1181 | 0.1672 | 0.2128 | 0.2461 | 4  |
|      | 6  |        |        | 0.0001 | 0.0006 | 0.0028 | 0.0087 | 0.0210 | 0.0424 | 0.0743 | 0.1160 | 0.1641 | 3  |
|      | 7  |        |        |        |        | 0.0003 | 0.0012 | 0.0039 | 0.0098 | 0.0212 | 0.0407 | 0.0703 | 2  |
|      | 8  |        |        |        |        |        | 0.0001 | 0.0004 | 0.0013 | 0.0035 | 0.0083 | 0.0176 | 1  |
| 9    |    |        |        |        |        |        |        | 0.0001 | 0.0003 | 0.0008 | 0.0020 | 0      |    |
| n=10 | 0  | 0.9044 | 0.5987 | 0.3487 | 0.1969 | 0.1074 | 0.0563 | 0.0282 | 0.0135 | 0.0060 | 0.0025 | 0.0010 | 10 |
|      | 1  | 0.0914 | 0.3151 | 0.3874 | 0.3474 | 0.2684 | 0.1877 | 0.1211 | 0.0725 | 0.0403 | 0.0207 | 0.0098 | 9  |
|      | 2  | 0.0042 | 0.0746 | 0.1937 | 0.2759 | 0.3020 | 0.2816 | 0.2335 | 0.1757 | 0.1209 | 0.0763 | 0.0439 | 8  |
|      | 3  | 0.0001 | 0.0105 | 0.0574 | 0.1298 | 0.2013 | 0.2503 | 0.2668 | 0.2522 | 0.2150 | 0.1665 | 0.1172 | 7  |
|      | 4  |        | 0.0010 | 0.0112 | 0.0401 | 0.0881 | 0.1460 | 0.2001 | 0.2377 | 0.2508 | 0.2384 | 0.2051 | 6  |
|      | 5  |        | 0.0001 | 0.0015 | 0.0085 | 0.0264 | 0.0584 | 0.1029 | 0.1536 | 0.2007 | 0.2340 | 0.2461 | 5  |
|      | 6  |        |        | 0.0001 | 0.0012 | 0.0055 | 0.0162 | 0.0368 | 0.0689 | 0.1115 | 0.1596 | 0.2051 | 4  |
|      | 7  |        |        |        | 0.0001 | 0.0008 | 0.0031 | 0.0090 | 0.0212 | 0.0425 | 0.0746 | 0.1172 | 3  |
|      | 8  |        |        |        |        | 0.0001 | 0.0004 | 0.0014 | 0.0043 | 0.0106 | 0.0229 | 0.0439 | 2  |
|      | 9  |        |        |        |        |        |        | 0.0001 | 0.0005 | 0.0016 | 0.0042 | 0.0098 | 1  |
| 10   |    |        |        |        |        |        |        |        | 0.0001 | 0.0003 | 0.0010 | 0      |    |
| n=11 | 0  | 0.8953 | 0.5688 | 0.3138 | 0.1673 | 0.0859 | 0.0422 | 0.0198 | 0.0088 | 0.0036 | 0.0014 | 0.0005 | 11 |
|      | 1  | 0.0995 | 0.3293 | 0.3835 | 0.3248 | 0.2362 | 0.1549 | 0.0932 | 0.0518 | 0.0266 | 0.0125 | 0.0054 | 10 |
|      | 2  | 0.0050 | 0.0867 | 0.2131 | 0.2866 | 0.2953 | 0.2581 | 0.1998 | 0.1395 | 0.0887 | 0.0513 | 0.0269 | 9  |
|      | 3  | 0.0002 | 0.0137 | 0.0710 | 0.1517 | 0.2215 | 0.2581 | 0.2568 | 0.2254 | 0.1774 | 0.1259 | 0.0806 | 8  |
|      | 4  |        | 0.0014 | 0.0158 | 0.0536 | 0.1107 | 0.1721 | 0.2201 | 0.2428 | 0.2365 | 0.2060 | 0.1611 | 7  |
|      | 5  |        | 0.0001 | 0.0025 | 0.0132 | 0.0388 | 0.0803 | 0.1321 | 0.1830 | 0.2207 | 0.2360 | 0.2256 | 6  |
|      | 6  |        |        | 0.0003 | 0.0023 | 0.0097 | 0.0268 | 0.0566 | 0.0985 | 0.1471 | 0.1931 | 0.2256 | 5  |
|      | 7  |        |        |        | 0.0003 | 0.0017 | 0.0064 | 0.0173 | 0.0379 | 0.0701 | 0.1128 | 0.1611 | 4  |
|      | 8  |        |        |        |        | 0.0002 | 0.0011 | 0.0037 | 0.0102 | 0.0234 | 0.0462 | 0.0806 | 3  |
|      | 9  |        |        |        |        |        | 0.0001 | 0.0005 | 0.0018 | 0.0052 | 0.0126 | 0.0269 | 2  |
|      | 10 |        |        |        |        |        |        |        | 0.0002 | 0.0007 | 0.0021 | 0.0054 | 1  |
| 11   |    |        |        |        |        |        |        |        |        | 0.0002 | 0.0005 | 0      |    |
| n=12 | 0  | 0.8864 | 0.5404 | 0.2824 | 0.1422 | 0.0687 | 0.0317 | 0.0138 | 0.0057 | 0.0022 | 0.0008 | 0.0002 | 12 |
|      | 1  | 0.1074 | 0.3413 | 0.3766 | 0.3012 | 0.2062 | 0.1267 | 0.0712 | 0.0368 | 0.0174 | 0.0075 | 0.0029 | 11 |
|      | 2  | 0.0060 | 0.0988 | 0.2301 | 0.2924 | 0.2835 | 0.2323 | 0.1678 | 0.1088 | 0.0639 | 0.0339 | 0.0161 | 10 |
|      | 3  | 0.0002 | 0.0173 | 0.0852 | 0.1720 | 0.2362 | 0.2581 | 0.2397 | 0.1954 | 0.1419 | 0.0923 | 0.0537 | 9  |
|      | 4  |        | 0.0021 | 0.0213 | 0.0683 | 0.1329 | 0.1936 | 0.2311 | 0.2367 | 0.2128 | 0.1700 | 0.1208 | 8  |
|      | 5  |        | 0.0002 | 0.0038 | 0.0193 | 0.0532 | 0.1032 | 0.1585 | 0.2039 | 0.2270 | 0.2225 | 0.1934 | 7  |
|      | 6  |        |        | 0.0005 | 0.0040 | 0.0155 | 0.0401 | 0.0792 | 0.1281 | 0.1766 | 0.2124 | 0.2256 | 6  |
|      | 7  |        |        |        | 0.0006 | 0.0033 | 0.0115 | 0.0291 | 0.0591 | 0.1009 | 0.1489 | 0.1934 | 5  |
|      | 8  |        |        |        | 0.0001 | 0.0005 | 0.0024 | 0.0078 | 0.0199 | 0.0420 | 0.0762 | 0.1208 | 4  |
|      | 9  |        |        |        |        | 0.0001 | 0.0004 | 0.0015 | 0.0048 | 0.0125 | 0.0277 | 0.0537 | 3  |
|      | 10 |        |        |        |        |        |        | 0.0002 | 0.0008 | 0.0025 | 0.0068 | 0.0161 | 2  |
|      | 11 |        |        |        |        |        |        |        | 0.0001 | 0.0003 | 0.0010 | 0.0029 | 1  |
| 12   |    |        |        |        |        |        |        |        |        | 0.0001 | 0.0002 | 0      |    |
| n=13 | 0  | 0.8775 | 0.5133 | 0.2542 | 0.1209 | 0.0550 | 0.0238 | 0.0097 | 0.0037 | 0.0013 | 0.0004 | 0.0001 | 13 |
|      | 1  | 0.1152 | 0.3512 | 0.3672 | 0.2774 | 0.1787 | 0.1029 | 0.0540 | 0.0259 | 0.0113 | 0.0045 | 0.0016 | 12 |
|      | 2  | 0.0070 | 0.1109 | 0.2448 | 0.2937 | 0.2680 | 0.2059 | 0.1388 | 0.0836 | 0.0453 | 0.0220 | 0.0095 | 11 |
|      | 3  | 0.0003 | 0.0214 | 0.0997 | 0.1900 | 0.2457 | 0.2517 | 0.2181 | 0.1651 | 0.1107 | 0.0660 | 0.0349 | 10 |
|      | 4  |        | 0.0028 | 0.0277 | 0.0838 | 0.1535 | 0.2097 | 0.2337 | 0.2222 | 0.1845 | 0.1350 | 0.0873 | 9  |
|      | 5  |        | 0.0003 | 0.0055 | 0.0266 | 0.0691 | 0.1258 | 0.1803 | 0.2154 | 0.2214 | 0.1989 | 0.1571 | 8  |
|      | 6  |        |        | 0.0008 | 0.0063 | 0.0230 | 0.0559 | 0.1030 | 0.1546 | 0.1968 | 0.2169 | 0.2095 | 7  |
|      | 7  |        |        | 0.0001 | 0.0011 | 0.0058 | 0.0186 | 0.0442 | 0.0833 | 0.1312 | 0.1775 | 0.2095 | 6  |
|      | 8  |        |        |        | 0.0001 | 0.0011 | 0.0047 | 0.0142 | 0.0336 | 0.0656 | 0.1089 | 0.1571 | 5  |
|      | 9  |        |        |        |        | 0.0001 | 0.0009 | 0.0034 | 0.0101 | 0.0243 | 0.0495 | 0.0873 | 4  |
|      | 10 |        |        |        |        |        | 0.0001 | 0.0006 | 0.0022 | 0.0065 | 0.0162 | 0.0349 | 3  |
|      | 11 |        |        |        |        |        |        | 0.0001 | 0.0003 | 0.0012 | 0.0036 | 0.0095 | 2  |
|      | 12 |        |        |        |        |        |        |        |        | 0.0001 | 0.0005 | 0.0016 | 1  |
| 13   |    |        |        |        |        |        |        |        |        |        | 0.0001 | 0      |    |
|      |    | 0.99   | 0.95   | 0.90   | 0.85   | 0.80   | 0.75   | 0.70   | 0.65   | 0.60   | 0.55   | 0.50   | x  |

|      | x  | $p$    |        |        |        |        |        |        |        |        |        |        |    |
|------|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|
|      |    | 0.01   | 0.05   | 0.10   | 0.15   | 0.20   | 0.25   | 0.30   | 0.35   | 0.40   | 0.45   | 0.50   |    |
| n=14 | 0  | 0.8687 | 0.4877 | 0.2288 | 0.1028 | 0.0440 | 0.0178 | 0.0068 | 0.0024 | 0.0008 | 0.0002 | 0.0001 | 14 |
|      | 1  | 0.1229 | 0.3593 | 0.3559 | 0.2539 | 0.1539 | 0.0832 | 0.0407 | 0.0181 | 0.0073 | 0.0027 | 0.0009 | 13 |
|      | 2  | 0.0081 | 0.1229 | 0.2570 | 0.2912 | 0.2501 | 0.1802 | 0.1134 | 0.0634 | 0.0317 | 0.0141 | 0.0056 | 12 |
|      | 3  | 0.0003 | 0.0259 | 0.1142 | 0.2056 | 0.2501 | 0.2402 | 0.1943 | 0.1366 | 0.0845 | 0.0462 | 0.0222 | 11 |
|      | 4  |        | 0.0037 | 0.0349 | 0.0998 | 0.1720 | 0.2202 | 0.2290 | 0.2022 | 0.1549 | 0.1040 | 0.0611 | 10 |
|      | 5  |        | 0.0004 | 0.0078 | 0.0352 | 0.0860 | 0.1468 | 0.1963 | 0.2178 | 0.2066 | 0.1701 | 0.1222 | 9  |
|      | 6  |        |        | 0.0013 | 0.0093 | 0.0322 | 0.0734 | 0.1262 | 0.1759 | 0.2066 | 0.2088 | 0.1833 | 8  |
|      | 7  |        |        | 0.0002 | 0.0019 | 0.0092 | 0.0280 | 0.0618 | 0.1082 | 0.1574 | 0.1952 | 0.2095 | 7  |
|      | 8  |        |        |        | 0.0003 | 0.0020 | 0.0082 | 0.0232 | 0.0510 | 0.0918 | 0.1398 | 0.1833 | 6  |
|      | 9  |        |        |        |        | 0.0003 | 0.0018 | 0.0066 | 0.0183 | 0.0408 | 0.0762 | 0.1222 | 5  |
|      | 10 |        |        |        |        |        | 0.0003 | 0.0014 | 0.0049 | 0.0136 | 0.0312 | 0.0611 | 4  |
|      | 11 |        |        |        |        |        |        | 0.0002 | 0.0010 | 0.0033 | 0.0093 | 0.0222 | 3  |
|      | 12 |        |        |        |        |        |        |        | 0.0001 | 0.0005 | 0.0019 | 0.0056 | 2  |
|      | 13 |        |        |        |        |        |        |        |        | 0.0001 | 0.0002 | 0.0009 | 1  |
| 14   |    |        |        |        |        |        |        |        |        |        | 0.0001 | 0      |    |
| n=15 | 0  | 0.8601 | 0.4633 | 0.2059 | 0.0874 | 0.0352 | 0.0134 | 0.0047 | 0.0016 | 0.0005 | 0.0001 |        | 15 |
|      | 1  | 0.1303 | 0.3658 | 0.3432 | 0.2312 | 0.1319 | 0.0668 | 0.0305 | 0.0126 | 0.0047 | 0.0016 | 0.0005 | 14 |
|      | 2  | 0.0092 | 0.1348 | 0.2669 | 0.2856 | 0.2309 | 0.1559 | 0.0916 | 0.0476 | 0.0219 | 0.0090 | 0.0032 | 13 |
|      | 3  | 0.0004 | 0.0307 | 0.1285 | 0.2184 | 0.2501 | 0.2252 | 0.1700 | 0.1110 | 0.0634 | 0.0318 | 0.0139 | 12 |
|      | 4  |        | 0.0049 | 0.0428 | 0.1156 | 0.1876 | 0.2252 | 0.2186 | 0.1792 | 0.1268 | 0.0780 | 0.0417 | 11 |
|      | 5  |        | 0.0006 | 0.0105 | 0.0449 | 0.1032 | 0.1651 | 0.2061 | 0.2123 | 0.1859 | 0.1404 | 0.0916 | 10 |
|      | 6  |        |        | 0.0019 | 0.0132 | 0.0430 | 0.0917 | 0.1472 | 0.1906 | 0.2066 | 0.1914 | 0.1527 | 9  |
|      | 7  |        |        | 0.0003 | 0.0030 | 0.0138 | 0.0393 | 0.0811 | 0.1319 | 0.1771 | 0.2013 | 0.1964 | 8  |
|      | 8  |        |        |        | 0.0005 | 0.0035 | 0.0131 | 0.0348 | 0.0710 | 0.1181 | 0.1647 | 0.1964 | 7  |
|      | 9  |        |        |        | 0.0001 | 0.0007 | 0.0034 | 0.0116 | 0.0298 | 0.0612 | 0.1048 | 0.1527 | 6  |
|      | 10 |        |        |        |        | 0.0001 | 0.0007 | 0.0030 | 0.0096 | 0.0245 | 0.0515 | 0.0916 | 5  |
|      | 11 |        |        |        |        |        | 0.0001 | 0.0006 | 0.0024 | 0.0074 | 0.0191 | 0.0417 | 4  |
|      | 12 |        |        |        |        |        |        | 0.0001 | 0.0004 | 0.0016 | 0.0052 | 0.0139 | 3  |
|      | 13 |        |        |        |        |        |        |        | 0.0001 | 0.0003 | 0.0010 | 0.0032 | 2  |
|      | 14 |        |        |        |        |        |        |        |        |        | 0.0001 | 0.0005 | 1  |
| 15   |    |        |        |        |        |        |        |        |        |        |        | 0      |    |
| n=16 | 0  | 0.8515 | 0.4401 | 0.1853 | 0.0743 | 0.0281 | 0.0100 | 0.0033 | 0.0010 | 0.0003 | 0.0001 |        | 16 |
|      | 1  | 0.1376 | 0.3706 | 0.3294 | 0.2097 | 0.1126 | 0.0535 | 0.0228 | 0.0087 | 0.0030 | 0.0009 | 0.0002 | 15 |
|      | 2  | 0.0104 | 0.1463 | 0.2745 | 0.2775 | 0.2111 | 0.1336 | 0.0732 | 0.0353 | 0.0150 | 0.0056 | 0.0018 | 14 |
|      | 3  | 0.0005 | 0.0359 | 0.1423 | 0.2285 | 0.2463 | 0.2079 | 0.1465 | 0.0888 | 0.0468 | 0.0215 | 0.0085 | 13 |
|      | 4  |        | 0.0061 | 0.0514 | 0.1311 | 0.2001 | 0.2252 | 0.2040 | 0.1553 | 0.1014 | 0.0572 | 0.0278 | 12 |
|      | 5  |        | 0.0008 | 0.0137 | 0.0555 | 0.1201 | 0.1802 | 0.2099 | 0.2008 | 0.1623 | 0.1123 | 0.0667 | 11 |
|      | 6  |        | 0.0001 | 0.0028 | 0.0180 | 0.0550 | 0.1101 | 0.1649 | 0.1982 | 0.1983 | 0.1684 | 0.1222 | 10 |
|      | 7  |        |        | 0.0004 | 0.0045 | 0.0197 | 0.0524 | 0.1010 | 0.1524 | 0.1889 | 0.1969 | 0.1746 | 9  |
|      | 8  |        |        | 0.0001 | 0.0009 | 0.0055 | 0.0197 | 0.0487 | 0.0923 | 0.1417 | 0.1812 | 0.1964 | 8  |
|      | 9  |        |        |        | 0.0001 | 0.0012 | 0.0058 | 0.0185 | 0.0442 | 0.0840 | 0.1318 | 0.1746 | 7  |
|      | 10 |        |        |        |        | 0.0002 | 0.0014 | 0.0056 | 0.0167 | 0.0392 | 0.0755 | 0.1222 | 6  |
|      | 11 |        |        |        |        |        | 0.0002 | 0.0013 | 0.0049 | 0.0142 | 0.0337 | 0.0667 | 5  |
|      | 12 |        |        |        |        |        |        | 0.0002 | 0.0011 | 0.0040 | 0.0115 | 0.0278 | 4  |
|      | 13 |        |        |        |        |        |        | 0.0000 | 0.0002 | 0.0008 | 0.0029 | 0.0085 | 3  |
|      | 14 |        |        |        |        |        |        |        |        | 0.0001 | 0.0005 | 0.0018 | 2  |
|      | 15 |        |        |        |        |        |        |        |        |        | 0.0001 | 0.0002 | 1  |
| 16   |    |        |        |        |        |        |        |        |        |        |        | 0      |    |
| n=17 | 0  | 0.8429 | 0.4181 | 0.1668 | 0.0631 | 0.0225 | 0.0075 | 0.0023 | 0.0007 | 0.0002 |        |        | 17 |
|      | 1  | 0.1447 | 0.3741 | 0.3150 | 0.1893 | 0.0957 | 0.0426 | 0.0169 | 0.0060 | 0.0019 | 0.0005 | 0.0001 | 16 |
|      | 2  | 0.0117 | 0.1575 | 0.2800 | 0.2673 | 0.1914 | 0.1136 | 0.0581 | 0.0260 | 0.0102 | 0.0035 | 0.0010 | 15 |
|      | 3  | 0.0006 | 0.0415 | 0.1556 | 0.2359 | 0.2393 | 0.1893 | 0.1245 | 0.0701 | 0.0341 | 0.0144 | 0.0052 | 14 |
|      | 4  |        | 0.0076 | 0.0605 | 0.1457 | 0.2093 | 0.2209 | 0.1868 | 0.1320 | 0.0796 | 0.0411 | 0.0182 | 13 |
|      | 5  |        | 0.0010 | 0.0175 | 0.0668 | 0.1361 | 0.1914 | 0.2081 | 0.1849 | 0.1379 | 0.0875 | 0.0472 | 12 |
|      | 6  |        | 0.0001 | 0.0039 | 0.0236 | 0.0680 | 0.1276 | 0.1784 | 0.1991 | 0.1839 | 0.1432 | 0.0944 | 11 |
|      | 7  |        |        | 0.0007 | 0.0065 | 0.0267 | 0.0668 | 0.1201 | 0.1685 | 0.1927 | 0.1841 | 0.1484 | 10 |
|      | 8  |        |        | 0.0001 | 0.0014 | 0.0084 | 0.0279 | 0.0644 | 0.1134 | 0.1606 | 0.1883 | 0.1855 | 9  |
|      | 9  |        |        |        | 0.0003 | 0.0021 | 0.0093 | 0.0276 | 0.0611 | 0.1070 | 0.1540 | 0.1855 | 8  |
|      | 10 |        |        |        |        | 0.0004 | 0.0025 | 0.0095 | 0.0263 | 0.0571 | 0.1008 | 0.1484 | 7  |
|      | 11 |        |        |        |        | 0.0001 | 0.0005 | 0.0026 | 0.0090 | 0.0242 | 0.0525 | 0.0944 | 6  |
|      | 12 |        |        |        |        |        | 0.0001 | 0.0006 | 0.0024 | 0.0081 | 0.0215 | 0.0472 | 5  |
|      | 13 |        |        |        |        |        |        | 0.0001 | 0.0005 | 0.0021 | 0.0068 | 0.0182 | 4  |
|      | 14 |        |        |        |        |        |        |        | 0.0001 | 0.0004 | 0.0016 | 0.0052 | 3  |
|      | 15 |        |        |        |        |        |        |        |        | 0.0001 | 0.0003 | 0.0010 | 2  |
|      | 16 |        |        |        |        |        |        |        |        |        |        | 0.0001 | 1  |
| 17   |    |        |        |        |        |        |        |        |        |        |        | 0      |    |
|      |    | 0.99   | 0.95   | 0.90   | 0.85   | 0.80   | 0.75   | 0.70   | 0.65   | 0.60   | 0.55   | 0.50   | x  |
|      |    | $p$    |        |        |        |        |        |        |        |        |        |        |    |

