

TABLE A4 Exact Confidence Intervals for the Binomial Parameter  $p$ 

| Y  | 90%   |       | 95%   |       | 99%   |       |
|----|-------|-------|-------|-------|-------|-------|
|    | Lower | Upper | Lower | Upper | Lower | Upper |
| 0  | 0.000 | 0.950 | 0.000 | 0.975 | 0.000 | 0.995 |
| 1  | 0.050 | 1.000 | 0.025 | 1.000 | 0.005 | 1.000 |
| 2  | 0.000 | 0.776 | 0.000 | 0.842 | 0.000 | 0.929 |
| 3  | 0.025 | 0.975 | 0.013 | 0.987 | 0.003 | 0.997 |
| 4  | 0.224 | 1.000 | 0.158 | 1.000 | 0.071 | 1.000 |
| 5  | 0.000 | 0.632 | 0.000 | 0.708 | 0.000 | 0.829 |
| 6  | 0.017 | 0.865 | 0.008 | 0.906 | 0.002 | 0.959 |
| 7  | 0.135 | 0.983 | 0.094 | 0.992 | 0.041 | 0.998 |
| 8  | 0.368 | 1.000 | 0.292 | 1.000 | 0.171 | 1.000 |
| 9  | 0.000 | 0.527 | 0.000 | 0.602 | 0.000 | 0.734 |
| 10 | 0.013 | 0.751 | 0.006 | 0.806 | 0.001 | 0.889 |
| 11 | 0.098 | 0.902 | 0.068 | 0.932 | 0.029 | 0.971 |
| 12 | 0.249 | 0.987 | 0.194 | 0.994 | 0.111 | 0.999 |
| 13 | 0.473 | 1.000 | 0.398 | 1.000 | 0.266 | 1.000 |
| 14 | 0.000 | 0.451 | 0.000 | 0.522 | 0.000 | 0.653 |
| 15 | 0.010 | 0.657 | 0.005 | 0.716 | 0.001 | 0.815 |
| 16 | 0.076 | 0.811 | 0.053 | 0.853 | 0.023 | 0.917 |
| 17 | 0.189 | 0.924 | 0.147 | 0.947 | 0.083 | 0.977 |
| 18 | 0.343 | 0.990 | 0.284 | 0.995 | 0.185 | 0.999 |
| 19 | 0.549 | 1.000 | 0.478 | 1.000 | 0.347 | 1.000 |
| 20 | 0.000 | 0.393 | 0.000 | 0.459 | 0.000 | 0.586 |
| 21 | 0.009 | 0.582 | 0.004 | 0.641 | 0.001 | 0.746 |
| 22 | 0.063 | 0.729 | 0.043 | 0.777 | 0.019 | 0.856 |
| 23 | 0.153 | 0.847 | 0.118 | 0.882 | 0.066 | 0.934 |
| 24 | 0.271 | 0.937 | 0.223 | 0.957 | 0.144 | 0.981 |
| 25 | 0.418 | 0.991 | 0.359 | 0.996 | 0.254 | 0.999 |
| 26 | 0.607 | 1.000 | 0.541 | 1.000 | 0.414 | 1.000 |
| 27 | 0.000 | 0.348 | 0.000 | 0.410 | 0.000 | 0.531 |
| 28 | 0.007 | 0.521 | 0.004 | 0.579 | 0.001 | 0.685 |
| 29 | 0.053 | 0.659 | 0.037 | 0.710 | 0.016 | 0.797 |
| 30 | 0.129 | 0.775 | 0.099 | 0.816 | 0.055 | 0.882 |
| 31 | 0.225 | 0.871 | 0.184 | 0.901 | 0.118 | 0.945 |
| 32 | 0.341 | 0.947 | 0.290 | 0.963 | 0.203 | 0.984 |
| 33 | 0.479 | 0.993 | 0.421 | 0.996 | 0.315 | 0.999 |
| 34 | 0.652 | 1.000 | 0.590 | 1.000 | 0.469 | 1.000 |

TABLE A4 (Continued)

| n  | Y  | 90%   |       | 95%   |       | 99%   |       |
|----|----|-------|-------|-------|-------|-------|-------|
|    |    | Lower | Upper | Lower | Upper | Lower | Upper |
| 8  | 0  | 0.000 | 0.312 | 0.000 | 0.369 | 0.000 | 0.484 |
|    | 1  | 0.006 | 0.471 | 0.003 | 0.526 | 0.001 | 0.632 |
|    | 2  | 0.046 | 0.600 | 0.032 | 0.651 | 0.014 | 0.742 |
|    | 3  | 0.111 | 0.711 | 0.085 | 0.755 | 0.047 | 0.830 |
|    | 4  | 0.193 | 0.807 | 0.157 | 0.843 | 0.100 | 0.900 |
|    | 5  | 0.289 | 0.889 | 0.245 | 0.915 | 0.170 | 0.953 |
|    | 6  | 0.400 | 0.954 | 0.349 | 0.968 | 0.258 | 0.986 |
|    | 7  | 0.529 | 0.994 | 0.474 | 0.997 | 0.368 | 0.999 |
|    | 8  | 0.688 | 1.000 | 0.631 | 1.000 | 0.516 | 1.000 |
| 9  | 0  | 0.000 | 0.283 | 0.000 | 0.336 | 0.000 | 0.445 |
|    | 1  | 0.006 | 0.429 | 0.003 | 0.482 | 0.001 | 0.585 |
|    | 2  | 0.041 | 0.550 | 0.028 | 0.600 | 0.012 | 0.693 |
|    | 3  | 0.098 | 0.655 | 0.075 | 0.701 | 0.042 | 0.781 |
|    | 4  | 0.169 | 0.749 | 0.137 | 0.788 | 0.087 | 0.854 |
|    | 5  | 0.251 | 0.831 | 0.212 | 0.863 | 0.146 | 0.913 |
|    | 6  | 0.345 | 0.902 | 0.299 | 0.925 | 0.219 | 0.958 |
|    | 7  | 0.450 | 0.959 | 0.400 | 0.972 | 0.307 | 0.988 |
|    | 8  | 0.571 | 0.994 | 0.518 | 0.997 | 0.415 | 0.999 |
| 10 | 9  | 0.717 | 1.000 | 0.664 | 1.000 | 0.555 | 1.000 |
|    | 0  | 0.000 | 0.259 | 0.000 | 0.308 | 0.000 | 0.411 |
|    | 1  | 0.005 | 0.394 | 0.003 | 0.445 | 0.001 | 0.544 |
|    | 2  | 0.037 | 0.507 | 0.025 | 0.556 | 0.011 | 0.648 |
|    | 3  | 0.087 | 0.607 | 0.067 | 0.652 | 0.037 | 0.735 |
|    | 4  | 0.150 | 0.696 | 0.122 | 0.738 | 0.077 | 0.809 |
|    | 5  | 0.222 | 0.778 | 0.187 | 0.813 | 0.128 | 0.872 |
|    | 6  | 0.304 | 0.850 | 0.262 | 0.878 | 0.191 | 0.923 |
|    | 7  | 0.393 | 0.913 | 0.348 | 0.933 | 0.265 | 0.963 |
|    | 8  | 0.493 | 0.963 | 0.444 | 0.975 | 0.352 | 0.989 |
| 11 | 9  | 0.606 | 0.995 | 0.555 | 0.997 | 0.456 | 0.999 |
|    | 10 | 0.741 | 1.000 | 0.692 | 1.000 | 0.589 | 1.000 |
|    | 0  | 0.000 | 0.238 | 0.000 | 0.285 | 0.000 | 0.382 |
|    | 1  | 0.005 | 0.364 | 0.002 | 0.413 | 0.000 | 0.509 |
|    | 2  | 0.033 | 0.470 | 0.023 | 0.518 | 0.010 | 0.608 |
|    | 3  | 0.079 | 0.564 | 0.060 | 0.610 | 0.033 | 0.693 |
|    | 4  | 0.135 | 0.650 | 0.109 | 0.692 | 0.069 | 0.767 |
|    | 5  | 0.200 | 0.729 | 0.167 | 0.766 | 0.115 | 0.831 |
|    | 6  | 0.271 | 0.800 | 0.234 | 0.833 | 0.169 | 0.885 |
|    | 7  | 0.350 | 0.865 | 0.308 | 0.891 | 0.233 | 0.931 |
|    | 8  | 0.436 | 0.921 | 0.390 | 0.940 | 0.307 | 0.967 |
|    | 9  | 0.530 | 0.967 | 0.482 | 0.977 | 0.392 | 0.990 |
|    | 10 | 0.636 | 0.995 | 0.587 | 0.998 | 0.491 | 1.000 |
|    | 11 | 0.762 | 1.000 | 0.715 | 1.000 | 0.618 | 1.000 |

TABLE A4 (Continued)

| n | Y  | 90%   |       | 95%   |       | 99%   |       |
|---|----|-------|-------|-------|-------|-------|-------|
|   |    | Lower | Upper | Lower | Upper | Lower | Upper |
| 2 | 0  | 0.000 | 0.221 | 0.000 | 0.265 | 0.000 | 0.357 |
|   | 1  | 0.004 | 0.339 | 0.002 | 0.385 | 0.000 | 0.477 |
|   | 2  | 0.030 | 0.438 | 0.021 | 0.484 | 0.009 | 0.573 |
|   | 3  | 0.072 | 0.527 | 0.055 | 0.572 | 0.030 | 0.655 |
|   | 4  | 0.123 | 0.609 | 0.099 | 0.651 | 0.062 | 0.728 |
|   | 5  | 0.181 | 0.685 | 0.152 | 0.723 | 0.103 | 0.792 |
|   | 6  | 0.245 | 0.755 | 0.211 | 0.789 | 0.152 | 0.848 |
|   | 7  | 0.315 | 0.819 | 0.277 | 0.848 | 0.208 | 0.897 |
|   | 8  | 0.391 | 0.877 | 0.349 | 0.901 | 0.272 | 0.938 |
|   | 9  | 0.473 | 0.928 | 0.428 | 0.945 | 0.345 | 0.970 |
|   | 10 | 0.562 | 0.970 | 0.516 | 0.979 | 0.427 | 0.991 |
|   | 11 | 0.661 | 0.996 | 0.615 | 0.998 | 0.523 | 1.000 |
|   | 12 | 0.779 | 1.000 | 0.735 | 1.000 | 0.643 | 1.000 |
| 3 | 0  | 0.000 | 0.206 | 0.000 | 0.247 | 0.000 | 0.335 |
|   | 1  | 0.004 | 0.316 | 0.002 | 0.360 | 0.000 | 0.449 |
|   | 2  | 0.028 | 0.410 | 0.019 | 0.454 | 0.008 | 0.541 |
|   | 3  | 0.066 | 0.495 | 0.050 | 0.538 | 0.028 | 0.621 |
|   | 4  | 0.113 | 0.573 | 0.091 | 0.614 | 0.057 | 0.691 |
|   | 5  | 0.166 | 0.645 | 0.139 | 0.684 | 0.094 | 0.755 |
|   | 6  | 0.224 | 0.713 | 0.192 | 0.749 | 0.138 | 0.811 |
|   | 7  | 0.287 | 0.776 | 0.251 | 0.808 | 0.189 | 0.862 |
|   | 8  | 0.355 | 0.834 | 0.316 | 0.861 | 0.245 | 0.906 |
|   | 9  | 0.427 | 0.887 | 0.386 | 0.909 | 0.309 | 0.943 |
|   | 10 | 0.505 | 0.934 | 0.462 | 0.950 | 0.379 | 0.972 |
|   | 11 | 0.590 | 0.972 | 0.546 | 0.981 | 0.459 | 0.992 |
|   | 12 | 0.684 | 0.996 | 0.640 | 0.998 | 0.551 | 1.000 |
|   | 13 | 0.794 | 1.000 | 0.753 | 1.000 | 0.665 | 1.000 |
| 4 | 0  | 0.000 | 0.193 | 0.000 | 0.232 | 0.000 | 0.315 |
|   | 1  | 0.004 | 0.297 | 0.002 | 0.339 | 0.000 | 0.424 |
|   | 2  | 0.026 | 0.385 | 0.018 | 0.428 | 0.008 | 0.512 |
|   | 3  | 0.061 | 0.466 | 0.047 | 0.508 | 0.026 | 0.589 |
|   | 4  | 0.104 | 0.540 | 0.084 | 0.581 | 0.053 | 0.658 |
|   | 5  | 0.153 | 0.610 | 0.128 | 0.649 | 0.087 | 0.720 |
|   | 6  | 0.206 | 0.675 | 0.177 | 0.711 | 0.127 | 0.777 |
|   | 7  | 0.264 | 0.736 | 0.230 | 0.770 | 0.172 | 0.828 |
|   | 8  | 0.325 | 0.794 | 0.289 | 0.823 | 0.223 | 0.873 |
|   | 9  | 0.390 | 0.847 | 0.351 | 0.872 | 0.280 | 0.913 |
|   | 10 | 0.460 | 0.896 | 0.419 | 0.916 | 0.342 | 0.947 |
|   | 11 | 0.534 | 0.939 | 0.492 | 0.953 | 0.411 | 0.974 |
|   | 12 | 0.615 | 0.974 | 0.572 | 0.982 | 0.488 | 0.992 |
|   | 13 | 0.703 | 0.996 | 0.661 | 0.998 | 0.576 | 1.000 |
|   | 14 | 0.807 | 1.000 | 0.768 | 1.000 | 0.685 | 1.000 |

TABLE A4 (Continued)

| n  | Y  | 90%   |       | 95%   |       | 99%   |       |
|----|----|-------|-------|-------|-------|-------|-------|
|    |    | Lower | Upper | Lower | Upper | Lower | Upper |
| 15 | 0  | 0.000 | 0.181 | 0.000 | 0.218 | 0.000 | 0.298 |
|    | 1  | 0.003 | 0.279 | 0.002 | 0.319 | 0.000 | 0.402 |
|    | 2  | 0.024 | 0.363 | 0.017 | 0.405 | 0.007 | 0.486 |
|    | 3  | 0.057 | 0.440 | 0.043 | 0.481 | 0.024 | 0.561 |
|    | 4  | 0.097 | 0.511 | 0.078 | 0.551 | 0.049 | 0.627 |
|    | 5  | 0.142 | 0.577 | 0.118 | 0.616 | 0.080 | 0.688 |
|    | 6  | 0.191 | 0.640 | 0.163 | 0.677 | 0.117 | 0.744 |
|    | 7  | 0.244 | 0.700 | 0.213 | 0.734 | 0.159 | 0.795 |
|    | 8  | 0.300 | 0.756 | 0.266 | 0.787 | 0.205 | 0.841 |
|    | 9  | 0.360 | 0.809 | 0.323 | 0.837 | 0.256 | 0.883 |
|    | 10 | 0.423 | 0.858 | 0.384 | 0.882 | 0.312 | 0.920 |
|    | 11 | 0.489 | 0.903 | 0.449 | 0.922 | 0.373 | 0.951 |
|    | 12 | 0.560 | 0.943 | 0.519 | 0.957 | 0.439 | 0.976 |
|    | 13 | 0.637 | 0.976 | 0.595 | 0.983 | 0.514 | 0.993 |
|    | 14 | 0.721 | 0.997 | 0.681 | 0.998 | 0.598 | 1.000 |
|    | 15 | 0.819 | 1.000 | 0.782 | 1.000 | 0.702 | 1.000 |
| 16 | 0  | 0.000 | 0.171 | 0.000 | 0.206 | 0.000 | 0.282 |
|    | 1  | 0.003 | 0.264 | 0.002 | 0.302 | 0.000 | 0.381 |
|    | 2  | 0.023 | 0.344 | 0.016 | 0.383 | 0.007 | 0.463 |
|    | 3  | 0.053 | 0.417 | 0.040 | 0.456 | 0.022 | 0.534 |
|    | 4  | 0.090 | 0.484 | 0.073 | 0.524 | 0.045 | 0.599 |
|    | 5  | 0.132 | 0.548 | 0.110 | 0.587 | 0.075 | 0.658 |
|    | 6  | 0.178 | 0.609 | 0.152 | 0.646 | 0.109 | 0.713 |
|    | 7  | 0.227 | 0.667 | 0.198 | 0.701 | 0.147 | 0.764 |
|    | 8  | 0.279 | 0.721 | 0.247 | 0.753 | 0.190 | 0.810 |
|    | 9  | 0.333 | 0.773 | 0.299 | 0.802 | 0.236 | 0.853 |
|    | 10 | 0.391 | 0.822 | 0.354 | 0.848 | 0.287 | 0.891 |
|    | 11 | 0.452 | 0.868 | 0.413 | 0.890 | 0.342 | 0.925 |
|    | 12 | 0.516 | 0.910 | 0.476 | 0.927 | 0.401 | 0.955 |
|    | 13 | 0.583 | 0.947 | 0.544 | 0.960 | 0.466 | 0.978 |
|    | 14 | 0.656 | 0.977 | 0.617 | 0.984 | 0.537 | 0.993 |
|    | 15 | 0.736 | 0.997 | 0.698 | 0.998 | 0.619 | 1.000 |
|    | 16 | 0.829 | 1.000 | 0.794 | 1.000 | 0.718 | 1.000 |

TABLE A4 (Continued)

| n  | Y  | 90%   |       | 95%   |       | 99%   |       |
|----|----|-------|-------|-------|-------|-------|-------|
|    |    | Lower | Upper | Lower | Upper | Lower | Upper |
| 17 | 0  | 0.000 | 0.162 | 0.000 | 0.195 | 0.000 | 0.268 |
|    | 1  | 0.003 | 0.250 | 0.001 | 0.287 | 0.000 | 0.363 |
|    | 2  | 0.021 | 0.326 | 0.015 | 0.364 | 0.006 | 0.441 |
|    | 3  | 0.050 | 0.396 | 0.038 | 0.434 | 0.021 | 0.510 |
|    | 4  | 0.085 | 0.461 | 0.068 | 0.499 | 0.043 | 0.573 |
|    | 5  | 0.124 | 0.522 | 0.103 | 0.560 | 0.070 | 0.631 |
|    | 6  | 0.166 | 0.580 | 0.142 | 0.617 | 0.101 | 0.685 |
|    | 7  | 0.212 | 0.636 | 0.184 | 0.671 | 0.137 | 0.734 |
|    | 8  | 0.260 | 0.689 | 0.230 | 0.722 | 0.176 | 0.781 |
|    | 9  | 0.311 | 0.740 | 0.278 | 0.770 | 0.219 | 0.824 |
|    | 10 | 0.364 | 0.788 | 0.329 | 0.816 | 0.266 | 0.863 |
|    | 11 | 0.420 | 0.834 | 0.383 | 0.858 | 0.315 | 0.899 |
|    | 12 | 0.478 | 0.876 | 0.440 | 0.897 | 0.369 | 0.930 |
|    | 13 | 0.539 | 0.915 | 0.501 | 0.932 | 0.427 | 0.957 |
|    | 14 | 0.604 | 0.950 | 0.566 | 0.962 | 0.490 | 0.979 |
|    | 15 | 0.674 | 0.979 | 0.636 | 0.985 | 0.559 | 0.994 |
|    | 16 | 0.750 | 0.997 | 0.713 | 0.999 | 0.637 | 1.000 |
|    | 17 | 0.838 | 1.000 | 0.805 | 1.000 | 0.732 | 1.000 |
| 18 | 0  | 0.000 | 0.153 | 0.000 | 0.185 | 0.000 | 0.255 |
|    | 1  | 0.003 | 0.238 | 0.001 | 0.273 | 0.000 | 0.346 |
|    | 2  | 0.020 | 0.310 | 0.014 | 0.347 | 0.006 | 0.422 |
|    | 3  | 0.047 | 0.377 | 0.036 | 0.414 | 0.020 | 0.488 |
|    | 4  | 0.080 | 0.439 | 0.064 | 0.476 | 0.040 | 0.549 |
|    | 5  | 0.116 | 0.498 | 0.097 | 0.535 | 0.065 | 0.605 |
|    | 6  | 0.156 | 0.554 | 0.133 | 0.590 | 0.095 | 0.658 |
|    | 7  | 0.199 | 0.608 | 0.173 | 0.643 | 0.128 | 0.707 |
|    | 8  | 0.244 | 0.659 | 0.215 | 0.692 | 0.165 | 0.753 |
|    | 9  | 0.291 | 0.709 | 0.260 | 0.740 | 0.205 | 0.795 |
|    | 10 | 0.341 | 0.756 | 0.308 | 0.785 | 0.247 | 0.835 |
|    | 11 | 0.392 | 0.801 | 0.357 | 0.827 | 0.293 | 0.872 |
|    | 12 | 0.446 | 0.844 | 0.410 | 0.867 | 0.342 | 0.905 |
|    | 13 | 0.502 | 0.884 | 0.465 | 0.903 | 0.395 | 0.935 |
|    | 14 | 0.561 | 0.920 | 0.524 | 0.936 | 0.451 | 0.960 |
|    | 15 | 0.623 | 0.953 | 0.586 | 0.964 | 0.512 | 0.980 |
|    | 16 | 0.690 | 0.980 | 0.653 | 0.986 | 0.578 | 0.994 |
|    | 17 | 0.762 | 0.997 | 0.727 | 0.999 | 0.654 | 1.000 |
|    | 18 | 0.847 | 1.000 | 0.815 | 1.000 | 0.745 | 1.000 |

TABLE A4 (Continued)

| n  | Y  | 90%   |       | 95%   |       | 99%   |       |
|----|----|-------|-------|-------|-------|-------|-------|
|    |    | Lower | Upper | Lower | Upper | Lower | Upper |
| 19 | 0  | 0.000 | 0.146 | 0.000 | 0.176 | 0.000 | 0.243 |
|    | 1  | 0.003 | 0.226 | 0.001 | 0.260 | 0.000 | 0.331 |
|    | 2  | 0.019 | 0.296 | 0.013 | 0.331 | 0.006 | 0.404 |
|    | 3  | 0.044 | 0.359 | 0.034 | 0.396 | 0.019 | 0.468 |
|    | 4  | 0.075 | 0.419 | 0.061 | 0.456 | 0.038 | 0.527 |
|    | 5  | 0.110 | 0.476 | 0.091 | 0.512 | 0.062 | 0.582 |
|    | 6  | 0.147 | 0.530 | 0.126 | 0.565 | 0.089 | 0.633 |
|    | 7  | 0.188 | 0.582 | 0.163 | 0.616 | 0.121 | 0.681 |
|    | 8  | 0.230 | 0.632 | 0.203 | 0.665 | 0.155 | 0.726 |
|    | 9  | 0.274 | 0.680 | 0.244 | 0.711 | 0.192 | 0.768 |
|    | 10 | 0.320 | 0.726 | 0.289 | 0.756 | 0.232 | 0.808 |
|    | 11 | 0.368 | 0.770 | 0.335 | 0.797 | 0.274 | 0.845 |
|    | 12 | 0.418 | 0.813 | 0.384 | 0.837 | 0.319 | 0.879 |
|    | 13 | 0.470 | 0.853 | 0.435 | 0.874 | 0.367 | 0.911 |
|    | 14 | 0.524 | 0.890 | 0.488 | 0.909 | 0.418 | 0.938 |
|    | 15 | 0.581 | 0.925 | 0.544 | 0.939 | 0.473 | 0.962 |
|    | 16 | 0.641 | 0.956 | 0.604 | 0.966 | 0.532 | 0.981 |
|    | 17 | 0.704 | 0.981 | 0.669 | 0.987 | 0.596 | 0.994 |
|    | 18 | 0.774 | 0.997 | 0.740 | 0.999 | 0.669 | 1.000 |
|    | 19 | 0.854 | 1.000 | 0.824 | 1.000 | 0.757 | 1.000 |
| 20 | 0  | 0.000 | 0.139 | 0.000 | 0.168 | 0.000 | 0.233 |
|    | 1  | 0.003 | 0.216 | 0.001 | 0.249 | 0.000 | 0.317 |
|    | 2  | 0.018 | 0.283 | 0.012 | 0.317 | 0.005 | 0.387 |
|    | 3  | 0.042 | 0.344 | 0.032 | 0.379 | 0.018 | 0.449 |
|    | 4  | 0.071 | 0.401 | 0.057 | 0.437 | 0.036 | 0.507 |
|    | 5  | 0.104 | 0.456 | 0.087 | 0.491 | 0.058 | 0.560 |
|    | 6  | 0.140 | 0.508 | 0.119 | 0.543 | 0.085 | 0.610 |
|    | 7  | 0.177 | 0.558 | 0.154 | 0.592 | 0.114 | 0.657 |
|    | 8  | 0.217 | 0.606 | 0.191 | 0.639 | 0.146 | 0.701 |
|    | 9  | 0.259 | 0.653 | 0.231 | 0.685 | 0.181 | 0.743 |
|    | 10 | 0.302 | 0.698 | 0.272 | 0.728 | 0.218 | 0.782 |
|    | 11 | 0.347 | 0.741 | 0.315 | 0.769 | 0.257 | 0.819 |
|    | 12 | 0.394 | 0.783 | 0.361 | 0.809 | 0.299 | 0.854 |
|    | 13 | 0.442 | 0.823 | 0.408 | 0.846 | 0.343 | 0.886 |
|    | 14 | 0.492 | 0.860 | 0.457 | 0.881 | 0.390 | 0.915 |
|    | 15 | 0.544 | 0.896 | 0.509 | 0.913 | 0.440 | 0.942 |
|    | 16 | 0.599 | 0.929 | 0.563 | 0.943 | 0.493 | 0.964 |
|    | 17 | 0.656 | 0.958 | 0.621 | 0.968 | 0.551 | 0.982 |
|    | 18 | 0.717 | 0.982 | 0.683 | 0.988 | 0.613 | 0.995 |
|    | 19 | 0.784 | 0.997 | 0.751 | 0.999 | 0.683 | 1.000 |
|    | 20 | 0.861 | 1.000 | 0.832 | 1.000 | 0.767 | 1.000 |

TABLE A4 (Continued)

| n  | Y     | 90%   |       | 95%   |       | 99%   |       |
|----|-------|-------|-------|-------|-------|-------|-------|
|    |       | Lower | Upper | Lower | Upper | Lower | Upper |
| 0  | 0.000 | 0.133 | 0.000 | 0.161 | 0.000 | 0.223 |       |
| 1  | 0.002 | 0.207 | 0.001 | 0.238 | 0.000 | 0.304 |       |
| 2  | 0.017 | 0.271 | 0.012 | 0.304 | 0.005 | 0.372 |       |
| 3  | 0.040 | 0.329 | 0.030 | 0.363 | 0.017 | 0.432 |       |
| 4  | 0.068 | 0.384 | 0.054 | 0.419 | 0.034 | 0.488 |       |
| 5  | 0.099 | 0.437 | 0.082 | 0.472 | 0.055 | 0.539 |       |
| 6  | 0.132 | 0.487 | 0.113 | 0.522 | 0.080 | 0.588 |       |
| 7  | 0.168 | 0.536 | 0.146 | 0.570 | 0.108 | 0.634 |       |
| 8  | 0.206 | 0.583 | 0.181 | 0.616 | 0.138 | 0.677 |       |
| 9  | 0.245 | 0.628 | 0.218 | 0.660 | 0.171 | 0.719 |       |
| 10 | 0.286 | 0.672 | 0.257 | 0.702 | 0.205 | 0.758 |       |
| 11 | 0.328 | 0.714 | 0.298 | 0.743 | 0.242 | 0.795 |       |
| 12 | 0.372 | 0.755 | 0.340 | 0.782 | 0.281 | 0.829 |       |
| 13 | 0.417 | 0.794 | 0.384 | 0.819 | 0.323 | 0.862 |       |
| 14 | 0.464 | 0.832 | 0.430 | 0.854 | 0.366 | 0.892 |       |
| 15 | 0.513 | 0.868 | 0.478 | 0.887 | 0.412 | 0.920 |       |
| 16 | 0.563 | 0.901 | 0.528 | 0.918 | 0.461 | 0.945 |       |
| 17 | 0.616 | 0.932 | 0.581 | 0.946 | 0.512 | 0.966 |       |
| 18 | 0.671 | 0.960 | 0.637 | 0.970 | 0.568 | 0.983 |       |
| 19 | 0.729 | 0.983 | 0.696 | 0.988 | 0.628 | 0.995 |       |
| 20 | 0.793 | 0.998 | 0.762 | 0.999 | 0.696 | 1.000 |       |
| 21 | 0.867 | 1.000 | 0.839 | 1.000 | 0.777 | 1.000 |       |
| 0  | 0.000 | 0.127 | 0.000 | 0.154 | 0.000 | 0.214 |       |
| 1  | 0.002 | 0.198 | 0.001 | 0.228 | 0.000 | 0.292 |       |
| 2  | 0.016 | 0.259 | 0.011 | 0.292 | 0.005 | 0.358 |       |
| 3  | 0.038 | 0.316 | 0.029 | 0.349 | 0.016 | 0.416 |       |
| 4  | 0.065 | 0.369 | 0.052 | 0.403 | 0.032 | 0.470 |       |
| 5  | 0.094 | 0.420 | 0.078 | 0.454 | 0.053 | 0.520 |       |
| 6  | 0.126 | 0.468 | 0.107 | 0.502 | 0.076 | 0.567 |       |
| 7  | 0.160 | 0.515 | 0.139 | 0.549 | 0.102 | 0.612 |       |
| 8  | 0.196 | 0.561 | 0.172 | 0.593 | 0.131 | 0.655 |       |
| 9  | 0.233 | 0.605 | 0.207 | 0.636 | 0.162 | 0.695 |       |
| 10 | 0.271 | 0.647 | 0.244 | 0.678 | 0.195 | 0.734 |       |
| 11 | 0.311 | 0.689 | 0.282 | 0.718 | 0.229 | 0.771 |       |
| 12 | 0.353 | 0.729 | 0.322 | 0.756 | 0.266 | 0.805 |       |
| 13 | 0.395 | 0.767 | 0.364 | 0.793 | 0.305 | 0.838 |       |
| 14 | 0.439 | 0.804 | 0.407 | 0.828 | 0.345 | 0.869 |       |
| 15 | 0.485 | 0.840 | 0.451 | 0.861 | 0.388 | 0.898 |       |
| 16 | 0.532 | 0.874 | 0.498 | 0.893 | 0.433 | 0.924 |       |
| 17 | 0.580 | 0.906 | 0.546 | 0.922 | 0.480 | 0.947 |       |
| 18 | 0.631 | 0.935 | 0.597 | 0.948 | 0.530 | 0.968 |       |
| 19 | 0.684 | 0.962 | 0.651 | 0.971 | 0.584 | 0.984 |       |
| 20 | 0.741 | 0.984 | 0.708 | 0.989 | 0.642 | 0.995 |       |

TABLE A4 (Continued)

| n  | Y  | 90%   |       | 95%   |       | 99%   |       |
|----|----|-------|-------|-------|-------|-------|-------|
|    |    | Lower | Upper | Lower | Upper | Lower | Upper |
| 23 | 21 | 0.802 | 0.998 | 0.772 | 0.999 | 0.708 | 1.000 |
|    | 22 | 0.873 | 1.000 | 0.846 | 1.000 | 0.786 | 1.000 |
|    | 0  | 0.000 | 0.122 | 0.000 | 0.148 | 0.000 | 0.206 |
|    | 1  | 0.002 | 0.190 | 0.001 | 0.219 | 0.000 | 0.281 |
|    | 2  | 0.016 | 0.249 | 0.011 | 0.280 | 0.005 | 0.345 |
|    | 3  | 0.037 | 0.304 | 0.028 | 0.336 | 0.015 | 0.401 |
|    | 4  | 0.062 | 0.355 | 0.050 | 0.388 | 0.031 | 0.453 |
|    | 5  | 0.090 | 0.404 | 0.075 | 0.437 | 0.050 | 0.502 |
|    | 6  | 0.120 | 0.451 | 0.102 | 0.484 | 0.073 | 0.548 |
|    | 7  | 0.152 | 0.496 | 0.132 | 0.529 | 0.097 | 0.592 |
|    | 8  | 0.186 | 0.540 | 0.164 | 0.573 | 0.125 | 0.634 |
|    | 9  | 0.222 | 0.583 | 0.197 | 0.615 | 0.154 | 0.674 |
|    | 10 | 0.258 | 0.625 | 0.232 | 0.655 | 0.185 | 0.712 |
|    | 11 | 0.296 | 0.665 | 0.268 | 0.694 | 0.218 | 0.748 |
|    | 12 | 0.335 | 0.704 | 0.306 | 0.732 | 0.252 | 0.782 |
|    | 13 | 0.375 | 0.742 | 0.345 | 0.768 | 0.288 | 0.815 |
|    | 14 | 0.417 | 0.778 | 0.385 | 0.803 | 0.326 | 0.846 |
|    | 15 | 0.460 | 0.814 | 0.427 | 0.836 | 0.366 | 0.875 |
|    | 16 | 0.504 | 0.848 | 0.471 | 0.868 | 0.408 | 0.903 |
|    | 17 | 0.549 | 0.880 | 0.516 | 0.898 | 0.452 | 0.927 |
|    | 18 | 0.596 | 0.910 | 0.563 | 0.925 | 0.498 | 0.950 |
|    | 19 | 0.645 | 0.938 | 0.612 | 0.950 | 0.547 | 0.969 |
|    | 20 | 0.696 | 0.963 | 0.664 | 0.972 | 0.599 | 0.985 |
|    | 21 | 0.751 | 0.984 | 0.720 | 0.989 | 0.655 | 0.995 |
|    | 22 | 0.810 | 0.998 | 0.781 | 0.999 | 0.719 | 1.000 |
|    | 23 | 0.878 | 1.000 | 0.852 | 1.000 | 0.794 | 1.000 |
| 24 | 0  | 0.000 | 0.117 | 0.000 | 0.142 | 0.000 | 0.198 |
|    | 1  | 0.002 | 0.183 | 0.001 | 0.211 | 0.000 | 0.271 |
|    | 2  | 0.015 | 0.240 | 0.010 | 0.270 | 0.004 | 0.332 |
|    | 3  | 0.035 | 0.292 | 0.027 | 0.324 | 0.015 | 0.387 |
|    | 4  | 0.059 | 0.342 | 0.047 | 0.374 | 0.029 | 0.438 |
|    | 5  | 0.086 | 0.389 | 0.071 | 0.422 | 0.048 | 0.485 |
|    | 6  | 0.115 | 0.435 | 0.098 | 0.467 | 0.069 | 0.530 |
|    | 7  | 0.146 | 0.479 | 0.126 | 0.511 | 0.093 | 0.573 |
|    | 8  | 0.178 | 0.521 | 0.156 | 0.553 | 0.119 | 0.614 |
|    | 9  | 0.212 | 0.563 | 0.188 | 0.594 | 0.146 | 0.653 |
|    | 10 | 0.246 | 0.603 | 0.221 | 0.634 | 0.176 | 0.690 |
|    | 11 | 0.282 | 0.642 | 0.256 | 0.672 | 0.207 | 0.726 |
|    | 12 | 0.319 | 0.681 | 0.291 | 0.709 | 0.240 | 0.760 |
|    | 13 | 0.358 | 0.718 | 0.328 | 0.744 | 0.274 | 0.793 |
|    | 14 | 0.397 | 0.754 | 0.366 | 0.779 | 0.310 | 0.824 |
|    | 15 | 0.437 | 0.788 | 0.406 | 0.812 | 0.347 | 0.854 |
|    | 16 | 0.479 | 0.822 | 0.447 | 0.844 | 0.386 | 0.881 |
|    | 17 | 0.521 | 0.854 | 0.489 | 0.874 | 0.427 | 0.907 |
|    | 18 | 0.565 | 0.885 | 0.533 | 0.902 | 0.470 | 0.931 |
|    | 19 | 0.611 | 0.914 | 0.578 | 0.929 | 0.515 | 0.952 |

TABLE A4 (Continued)

| Y  | 90%   |       | 95%   |       | 99%   |       |
|----|-------|-------|-------|-------|-------|-------|
|    | Lower | Upper | Lower | Upper | Lower | Upper |
| 20 | 0.658 | 0.941 | 0.626 | 0.953 | 0.562 | 0.971 |
| 21 | 0.708 | 0.965 | 0.676 | 0.973 | 0.613 | 0.985 |
| 22 | 0.760 | 0.985 | 0.730 | 0.990 | 0.668 | 0.996 |
| 23 | 0.817 | 0.998 | 0.789 | 0.999 | 0.729 | 1.000 |
| 24 | 0.883 | 1.000 | 0.858 | 1.000 | 0.802 | 1.000 |
| 0  | 0.000 | 0.113 | 0.000 | 0.137 | 0.000 | 0.191 |
| 1  | 0.002 | 0.176 | 0.001 | 0.204 | 0.000 | 0.262 |
| 2  | 0.014 | 0.231 | 0.010 | 0.260 | 0.004 | 0.321 |
| 3  | 0.034 | 0.282 | 0.025 | 0.312 | 0.014 | 0.374 |
| 4  | 0.057 | 0.330 | 0.045 | 0.361 | 0.028 | 0.424 |
| 5  | 0.082 | 0.375 | 0.068 | 0.407 | 0.046 | 0.470 |
| 6  | 0.110 | 0.420 | 0.094 | 0.451 | 0.066 | 0.514 |
| 7  | 0.139 | 0.462 | 0.121 | 0.494 | 0.089 | 0.555 |
| 8  | 0.170 | 0.504 | 0.150 | 0.535 | 0.114 | 0.595 |
| 9  | 0.202 | 0.544 | 0.180 | 0.575 | 0.140 | 0.634 |
| 10 | 0.236 | 0.583 | 0.211 | 0.613 | 0.168 | 0.670 |
| 11 | 0.270 | 0.621 | 0.244 | 0.651 | 0.197 | 0.705 |
| 12 | 0.305 | 0.659 | 0.278 | 0.687 | 0.228 | 0.739 |
| 13 | 0.341 | 0.695 | 0.313 | 0.722 | 0.261 | 0.772 |
| 14 | 0.379 | 0.730 | 0.349 | 0.756 | 0.295 | 0.803 |
| 15 | 0.417 | 0.764 | 0.387 | 0.789 | 0.330 | 0.832 |
| 16 | 0.456 | 0.798 | 0.425 | 0.820 | 0.366 | 0.860 |
| 17 | 0.496 | 0.830 | 0.465 | 0.850 | 0.405 | 0.886 |
| 18 | 0.538 | 0.861 | 0.506 | 0.879 | 0.445 | 0.911 |
| 19 | 0.580 | 0.890 | 0.549 | 0.906 | 0.486 | 0.934 |
| 20 | 0.625 | 0.918 | 0.593 | 0.932 | 0.530 | 0.954 |
| 21 | 0.670 | 0.943 | 0.639 | 0.955 | 0.576 | 0.972 |
| 22 | 0.718 | 0.966 | 0.688 | 0.975 | 0.626 | 0.986 |
| 23 | 0.769 | 0.986 | 0.740 | 0.990 | 0.679 | 0.996 |
| 24 | 0.824 | 0.998 | 0.796 | 0.999 | 0.738 | 1.000 |
| 25 | 0.887 | 1.000 | 0.863 | 1.000 | 0.809 | 1.000 |
| 0  | 0.000 | 0.109 | 0.000 | 0.132 | 0.000 | 0.184 |
| 1  | 0.002 | 0.170 | 0.001 | 0.196 | 0.000 | 0.253 |
| 2  | 0.014 | 0.223 | 0.009 | 0.251 | 0.004 | 0.310 |
| 3  | 0.032 | 0.272 | 0.024 | 0.302 | 0.013 | 0.362 |
| 4  | 0.054 | 0.318 | 0.044 | 0.349 | 0.027 | 0.410 |
| 5  | 0.079 | 0.363 | 0.066 | 0.393 | 0.044 | 0.455 |
| 6  | 0.106 | 0.405 | 0.090 | 0.436 | 0.064 | 0.498 |
| 7  | 0.134 | 0.447 | 0.116 | 0.478 | 0.085 | 0.538 |
| 8  | 0.163 | 0.487 | 0.143 | 0.518 | 0.109 | 0.578 |
| 9  | 0.194 | 0.526 | 0.172 | 0.557 | 0.134 | 0.615 |
| 10 | 0.226 | 0.564 | 0.202 | 0.594 | 0.161 | 0.651 |
| 11 | 0.258 | 0.602 | 0.234 | 0.631 | 0.189 | 0.686 |
| 12 | 0.292 | 0.638 | 0.266 | 0.666 | 0.218 | 0.719 |
| 13 | 0.327 | 0.673 | 0.299 | 0.701 | 0.249 | 0.751 |
| 14 | 0.362 | 0.708 | 0.334 | 0.734 | 0.281 | 0.782 |

TABLE A4 (Continued)

| n  | Y  | 90%   |       | 95%   |       | 99%   |       |
|----|----|-------|-------|-------|-------|-------|-------|
|    |    | Lower | Upper | Lower | Upper | Lower | Upper |
|    | 15 | 0.398 | 0.742 | 0.369 | 0.766 | 0.314 | 0.811 |
|    | 16 | 0.436 | 0.774 | 0.406 | 0.798 | 0.349 | 0.839 |
|    | 17 | 0.474 | 0.806 | 0.443 | 0.828 | 0.385 | 0.866 |
|    | 18 | 0.513 | 0.837 | 0.482 | 0.857 | 0.422 | 0.891 |
|    | 19 | 0.553 | 0.866 | 0.522 | 0.884 | 0.462 | 0.915 |
|    | 20 | 0.595 | 0.894 | 0.564 | 0.910 | 0.502 | 0.936 |
|    | 21 | 0.637 | 0.921 | 0.607 | 0.934 | 0.545 | 0.956 |
|    | 22 | 0.682 | 0.946 | 0.651 | 0.956 | 0.590 | 0.973 |
|    | 23 | 0.728 | 0.968 | 0.698 | 0.976 | 0.638 | 0.987 |
|    | 24 | 0.777 | 0.986 | 0.749 | 0.991 | 0.690 | 0.996 |
|    | 25 | 0.830 | 0.998 | 0.804 | 0.999 | 0.747 | 1.000 |
|    | 26 | 0.891 | 1.000 | 0.868 | 1.000 | 0.816 | 1.000 |
| 27 | 0  | 0.000 | 0.105 | 0.000 | 0.128 | 0.000 | 0.178 |
|    | 1  | 0.002 | 0.164 | 0.001 | 0.190 | 0.000 | 0.245 |
|    | 2  | 0.013 | 0.215 | 0.009 | 0.243 | 0.004 | 0.300 |
|    | 3  | 0.031 | 0.263 | 0.024 | 0.292 | 0.013 | 0.351 |
|    | 4  | 0.052 | 0.308 | 0.042 | 0.337 | 0.026 | 0.397 |
|    | 5  | 0.076 | 0.351 | 0.063 | 0.381 | 0.042 | 0.441 |
|    | 6  | 0.101 | 0.392 | 0.086 | 0.423 | 0.061 | 0.483 |
|    | 7  | 0.129 | 0.432 | 0.111 | 0.463 | 0.082 | 0.523 |
|    | 8  | 0.157 | 0.471 | 0.138 | 0.502 | 0.104 | 0.561 |
|    | 9  | 0.186 | 0.509 | 0.165 | 0.540 | 0.128 | 0.597 |
|    | 10 | 0.217 | 0.547 | 0.194 | 0.576 | 0.154 | 0.633 |
|    | 11 | 0.248 | 0.583 | 0.224 | 0.612 | 0.181 | 0.667 |
|    | 12 | 0.280 | 0.618 | 0.255 | 0.647 | 0.209 | 0.700 |
|    | 13 | 0.313 | 0.653 | 0.287 | 0.681 | 0.238 | 0.731 |
|    | 14 | 0.347 | 0.687 | 0.319 | 0.713 | 0.269 | 0.762 |
|    | 15 | 0.382 | 0.720 | 0.353 | 0.745 | 0.300 | 0.791 |
|    | 16 | 0.417 | 0.752 | 0.388 | 0.776 | 0.333 | 0.819 |
|    | 17 | 0.453 | 0.783 | 0.424 | 0.806 | 0.367 | 0.846 |
|    | 18 | 0.491 | 0.814 | 0.460 | 0.835 | 0.403 | 0.872 |
|    | 19 | 0.529 | 0.843 | 0.498 | 0.862 | 0.439 | 0.896 |
|    | 20 | 0.568 | 0.871 | 0.537 | 0.889 | 0.477 | 0.918 |
|    | 21 | 0.608 | 0.899 | 0.577 | 0.914 | 0.517 | 0.939 |
|    | 22 | 0.649 | 0.924 | 0.619 | 0.937 | 0.559 | 0.958 |
|    | 23 | 0.692 | 0.948 | 0.663 | 0.958 | 0.603 | 0.974 |
|    | 24 | 0.737 | 0.969 | 0.708 | 0.976 | 0.649 | 0.987 |
|    | 25 | 0.785 | 0.987 | 0.757 | 0.991 | 0.700 | 0.996 |
|    | 26 | 0.836 | 0.998 | 0.810 | 0.999 | 0.755 | 1.000 |
|    | 27 | 0.895 | 1.000 | 0.872 | 1.000 | 0.822 | 1.000 |
| 28 | 0  | 0.000 | 0.101 | 0.000 | 0.123 | 0.000 | 0.172 |
|    | 1  | 0.002 | 0.159 | 0.001 | 0.183 | 0.000 | 0.237 |
|    | 2  | 0.013 | 0.208 | 0.009 | 0.235 | 0.004 | 0.291 |
|    | 3  | 0.030 | 0.254 | 0.023 | 0.282 | 0.012 | 0.340 |
|    | 4  | 0.050 | 0.298 | 0.040 | 0.327 | 0.025 | 0.385 |

TABLE A4 (Continued)

| n  | Y     | 90%   |       | 95%   |       | 99%   |       |
|----|-------|-------|-------|-------|-------|-------|-------|
|    |       | Lower | Upper | Lower | Upper | Lower | Upper |
| 5  | 0.073 | 0.339 | 0.061 | 0.369 | 0.041 | 0.428 |       |
| 6  | 0.098 | 0.380 | 0.083 | 0.410 | 0.059 | 0.469 |       |
| 7  | 0.124 | 0.419 | 0.107 | 0.449 | 0.079 | 0.508 |       |
| 8  | 0.151 | 0.457 | 0.132 | 0.487 | 0.100 | 0.545 |       |
| 9  | 0.179 | 0.494 | 0.159 | 0.524 | 0.123 | 0.581 |       |
| 10 | 0.208 | 0.530 | 0.186 | 0.559 | 0.148 | 0.615 |       |
| 11 | 0.238 | 0.565 | 0.215 | 0.594 | 0.173 | 0.649 |       |
| 12 | 0.269 | 0.600 | 0.245 | 0.628 | 0.200 | 0.681 |       |
| 13 | 0.301 | 0.634 | 0.275 | 0.661 | 0.228 | 0.713 |       |
| 14 | 0.333 | 0.667 | 0.306 | 0.694 | 0.257 | 0.743 |       |
| 15 | 0.366 | 0.699 | 0.339 | 0.725 | 0.287 | 0.772 |       |
| 16 | 0.400 | 0.731 | 0.372 | 0.755 | 0.319 | 0.800 |       |
| 17 | 0.435 | 0.762 | 0.406 | 0.785 | 0.351 | 0.827 |       |
| 18 | 0.470 | 0.792 | 0.441 | 0.814 | 0.385 | 0.852 |       |
| 19 | 0.506 | 0.821 | 0.476 | 0.841 | 0.419 | 0.877 |       |
| 20 | 0.543 | 0.849 | 0.513 | 0.868 | 0.455 | 0.900 |       |
| 21 | 0.581 | 0.876 | 0.551 | 0.893 | 0.492 | 0.921 |       |
| 22 | 0.620 | 0.902 | 0.590 | 0.917 | 0.531 | 0.941 |       |
| 23 | 0.661 | 0.927 | 0.631 | 0.939 | 0.572 | 0.959 |       |
| 24 | 0.702 | 0.950 | 0.673 | 0.960 | 0.615 | 0.975 |       |
| 25 | 0.746 | 0.970 | 0.718 | 0.977 | 0.660 | 0.988 |       |
| 26 | 0.792 | 0.987 | 0.765 | 0.991 | 0.709 | 0.996 |       |
| 27 | 0.841 | 0.998 | 0.817 | 0.999 | 0.763 | 1.000 |       |
| 28 | 0.899 | 1.000 | 0.877 | 1.000 | 0.828 | 1.000 |       |
| 9  | 0     | 0.000 | 0.098 | 0.000 | 0.119 | 0.000 | 0.167 |
| 1  | 0.002 | 0.153 | 0.001 | 0.178 | 0.000 | 0.230 |       |
| 2  | 0.012 | 0.202 | 0.008 | 0.228 | 0.004 | 0.282 |       |
| 3  | 0.029 | 0.246 | 0.022 | 0.274 | 0.012 | 0.330 |       |
| 4  | 0.049 | 0.288 | 0.039 | 0.317 | 0.024 | 0.374 |       |
| 5  | 0.070 | 0.329 | 0.058 | 0.358 | 0.039 | 0.416 |       |
| 6  | 0.094 | 0.368 | 0.080 | 0.397 | 0.056 | 0.455 |       |
| 7  | 0.119 | 0.406 | 0.103 | 0.435 | 0.076 | 0.493 |       |
| 8  | 0.145 | 0.443 | 0.127 | 0.472 | 0.096 | 0.530 |       |
| 9  | 0.172 | 0.479 | 0.153 | 0.508 | 0.119 | 0.565 |       |
| 10 | 0.201 | 0.514 | 0.179 | 0.543 | 0.142 | 0.599 |       |
| 11 | 0.229 | 0.549 | 0.207 | 0.577 | 0.167 | 0.632 |       |
| 12 | 0.259 | 0.583 | 0.235 | 0.611 | 0.192 | 0.664 |       |
| 13 | 0.289 | 0.616 | 0.264 | 0.643 | 0.219 | 0.695 |       |
| 14 | 0.320 | 0.648 | 0.294 | 0.675 | 0.247 | 0.724 |       |
| 15 | 0.352 | 0.680 | 0.325 | 0.706 | 0.276 | 0.753 |       |
| 16 | 0.384 | 0.711 | 0.357 | 0.736 | 0.305 | 0.781 |       |
| 17 | 0.417 | 0.741 | 0.389 | 0.765 | 0.336 | 0.808 |       |
| 18 | 0.451 | 0.771 | 0.423 | 0.793 | 0.368 | 0.833 |       |
| 19 | 0.486 | 0.799 | 0.457 | 0.821 | 0.401 | 0.858 |       |
| 20 | 0.521 | 0.828 | 0.492 | 0.847 | 0.435 | 0.881 |       |
| 21 | 0.557 | 0.855 | 0.528 | 0.873 | 0.470 | 0.904 |       |

TABLE A4 (Continued)

| n  | Y  | 90%   |       | 95%   |       | 99%   |       |
|----|----|-------|-------|-------|-------|-------|-------|
|    |    | Lower | Upper | Lower | Upper | Lower | Upper |
|    | 22 | 0.594 | 0.881 | 0.565 | 0.897 | 0.507 | 0.924 |
|    | 23 | 0.632 | 0.906 | 0.603 | 0.920 | 0.545 | 0.944 |
|    | 24 | 0.671 | 0.930 | 0.642 | 0.942 | 0.584 | 0.961 |
|    | 25 | 0.712 | 0.951 | 0.683 | 0.961 | 0.626 | 0.976 |
|    | 26 | 0.754 | 0.971 | 0.726 | 0.978 | 0.670 | 0.988 |
|    | 27 | 0.798 | 0.988 | 0.772 | 0.992 | 0.718 | 0.996 |
|    | 28 | 0.847 | 0.998 | 0.822 | 0.999 | 0.770 | 1.000 |
|    | 29 | 0.902 | 1.000 | 0.881 | 1.000 | 0.833 | 1.000 |
| 30 | 0  | 0.000 | 0.095 | 0.000 | 0.116 | 0.000 | 0.162 |
|    | 1  | 0.002 | 0.149 | 0.001 | 0.172 | 0.000 | 0.223 |
|    | 2  | 0.012 | 0.195 | 0.008 | 0.221 | 0.004 | 0.274 |
|    | 3  | 0.028 | 0.239 | 0.021 | 0.265 | 0.012 | 0.320 |
|    | 4  | 0.047 | 0.280 | 0.038 | 0.307 | 0.023 | 0.363 |
|    | 5  | 0.068 | 0.319 | 0.056 | 0.347 | 0.038 | 0.404 |
|    | 6  | 0.091 | 0.357 | 0.077 | 0.386 | 0.054 | 0.443 |
|    | 7  | 0.115 | 0.394 | 0.099 | 0.423 | 0.073 | 0.480 |
|    | 8  | 0.140 | 0.430 | 0.123 | 0.459 | 0.093 | 0.516 |
|    | 9  | 0.166 | 0.465 | 0.147 | 0.494 | 0.114 | 0.550 |
|    | 10 | 0.193 | 0.499 | 0.173 | 0.528 | 0.137 | 0.583 |
|    | 11 | 0.221 | 0.533 | 0.199 | 0.561 | 0.160 | 0.616 |
|    | 12 | 0.250 | 0.566 | 0.227 | 0.594 | 0.185 | 0.647 |
|    | 13 | 0.279 | 0.598 | 0.255 | 0.626 | 0.211 | 0.677 |
|    | 14 | 0.308 | 0.630 | 0.283 | 0.657 | 0.237 | 0.707 |
|    | 15 | 0.339 | 0.661 | 0.313 | 0.687 | 0.265 | 0.735 |
|    | 16 | 0.370 | 0.692 | 0.343 | 0.717 | 0.293 | 0.763 |
|    | 17 | 0.402 | 0.721 | 0.374 | 0.745 | 0.323 | 0.789 |
|    | 18 | 0.434 | 0.750 | 0.406 | 0.773 | 0.353 | 0.815 |
|    | 19 | 0.467 | 0.779 | 0.439 | 0.801 | 0.384 | 0.840 |
|    | 20 | 0.501 | 0.807 | 0.472 | 0.827 | 0.417 | 0.863 |
|    | 21 | 0.535 | 0.834 | 0.506 | 0.853 | 0.450 | 0.886 |
|    | 22 | 0.570 | 0.860 | 0.541 | 0.877 | 0.484 | 0.907 |
|    | 23 | 0.606 | 0.885 | 0.577 | 0.901 | 0.520 | 0.927 |
|    | 24 | 0.643 | 0.909 | 0.614 | 0.923 | 0.557 | 0.946 |
|    | 25 | 0.681 | 0.932 | 0.653 | 0.944 | 0.596 | 0.962 |
|    | 26 | 0.720 | 0.953 | 0.693 | 0.962 | 0.637 | 0.977 |
|    | 27 | 0.761 | 0.972 | 0.735 | 0.979 | 0.680 | 0.988 |
|    | 28 | 0.805 | 0.988 | 0.779 | 0.992 | 0.726 | 0.996 |
|    | 29 | 0.851 | 0.998 | 0.828 | 0.999 | 0.777 | 1.000 |
|    | 30 | 0.905 | 1.000 | 0.884 | 1.000 | 0.838 | 1.000 |

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