**TABELL 1.** Normalfördelningen, standardiserad

*P*(*Z* ≤ *z*)

Φ(z) = *P*(*Z* ≤ *z*) där *Z* ∈ *N*(0, 1).

*z*

För negativa värden, utnyttja att Φ(-*z*) = 1 – Φ(*z*)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *z* | 0,00 | 0,01 | 0,02 | 0,03 | 0,04 | 0,05 | 0,06 | 0,07 | 0,08 | 0,09 |
| 0,0 | 0,50000 | 0,50399 | 0,50798 | 0,51197 | 0,51595 | 0,51994 | 0,52392 | 0,52790 | 0,53188 | 0,53586 |
| 0,1 | 0,53983 | 0,54380 | 0,54776 | 0,55172 | 0,55567 | 0,55962 | 0,56356 | 0,56749 | 0,57142 | 0,57535 |
| 0,2 | 0,57926 | 0,58317 | 0,58706 | 0,59095 | 0,59483 | 0,59871 | 0,60257 | 0,60642 | 0,61026 | 0,61409 |
| 0,3 | 0,61791 | 0,62172 | 0,62552 | 0,62930 | 0,63307 | 0,63683 | 0,64058 | 0,64431 | 0,64803 | 0,65173 |
| 0,4 | 0,65542 | 0,65910 | 0,66276 | 0,66640 | 0,67003 | 0,67364 | 0,67724 | 0,68082 | 0,68439 | 0,68793 |
| 0,5 | 0,69146 | 0,69497 | 0,69847 | 0,70194 | 0,70540 | 0,70884 | 0,71226 | 0,71566 | 0,71904 | 0,72240 |
| 0,6 | 0,72575 | 0,72907 | 0,73237 | 0,73565 | 0,73891 | 0,74215 | 0,74537 | 0,74857 | 0,75175 | 0,75490 |
| 0,7 | 0,75804 | 0,76115 | 0,76424 | 0,76730 | 0,77035 | 0,77337 | 0,77637 | 0,77935 | 0,78230 | 0,78524 |
| 0,8 | 0,78814 | 0,79103 | 0,79389 | 0,79673 | 0,79955 | 0,80234 | 0,80511 | 0,80785 | 0,81057 | 0,81327 |
| 0,9 | 0,81594 | 0,81859 | 0,82121 | 0,82381 | 0,82639 | 0,82894 | 0,83147 | 0,83398 | 0,83646 | 0,83891 |
| 1,0 | 0,84134 | 0,84375 | 0,84614 | 0,84849 | 0,85083 | 0,85314 | 0,85543 | 0,85769 | 0,85993 | 0,86214 |
| 1,1 | 0,86433 | 0,86650 | 0,86864 | 0,87076 | 0,87286 | 0,87493 | 0,87698 | 0,87900 | 0,88100 | 0,88298 |
| 1,2 | 0,88493 | 0,88686 | 0,88877 | 0,89065 | 0,89251 | 0,89435 | 0,89617 | 0,89796 | 0,89973 | 0,90147 |
| 1,3 | 0,90320 | 0,90490 | 0,90658 | 0,90824 | 0,90988 | 0,91149 | 0,91309 | 0,91466 | 0,91621 | 0,91774 |
| 1,4 | 0,91924 | 0,92073 | 0,92220 | 0,92364 | 0,92507 | 0,92647 | 0,92785 | 0,92922 | 0,93056 | 0,93189 |
| 1,5 | 0,93319 | 0,93448 | 0,93574 | 0,93699 | 0,93822 | 0,93943 | 0,94062 | 0,94179 | 0,94295 | 0,94408 |
| 1,6 | 0,94520 | 0,94630 | 0,94738 | 0,94845 | 0,94950 | 0,95053 | 0,95154 | 0,95254 | 0,95352 | 0,95449 |
| 1,7 | 0,95543 | 0,95637 | 0,95728 | 0,95818 | 0,95907 | 0,95994 | 0,96080 | 0,96164 | 0,96246 | 0,96327 |
| 1,8 | 0,96407 | 0,96485 | 0,96562 | 0,96638 | 0,96712 | 0,96784 | 0,96856 | 0,96926 | 0,96995 | 0,97062 |
| 1,9 | 0,97128 | 0,97193 | 0,97257 | 0,97320 | 0,97381 | 0,97441 | 0,97500 | 0,97558 | 0,97615 | 0,97670 |
| 2,0 | 0,97725 | 0,97778 | 0,97831 | 0,97882 | 0,97932 | 0,97982 | 0,98030 | 0,98077 | 0,98124 | 0,98169 |
| 2,1 | 0,98214 | 0,98257 | 0,98300 | 0,98341 | 0,98382 | 0,98422 | 0,98461 | 0,98500 | 0,98537 | 0,98574 |
| 2,2 | 0,98610 | 0,98645 | 0,98679 | 0,98713 | 0,98745 | 0,98778 | 0,98809 | 0,98840 | 0,98870 | 0,98899 |
| 2,3 | 0,98928 | 0,98956 | 0,98983 | 0,99010 | 0,99036 | 0,99061 | 0,99086 | 0,99111 | 0,99134 | 0,99158 |
| 2,4 | 0,99180 | 0,99202 | 0,99224 | 0,99245 | 0,99266 | 0,99286 | 0,99305 | 0,99324 | 0,99343 | 0,99361 |
| 2,5 | 0,99379 | 0,99396 | 0,99413 | 0,99430 | 0,99446 | 0,99461 | 0,99477 | 0,99492 | 0,99506 | 0,99520 |
| 2,6 | 0,99534 | 0,99547 | 0,99560 | 0,99573 | 0,99585 | 0,99598 | 0,99609 | 0,99621 | 0,99632 | 0,99643 |
| 2,7 | 0,99653 | 0,99664 | 0,99674 | 0,99683 | 0,99693 | 0,99702 | 0,99711 | 0,99720 | 0,99728 | 0,99736 |
| 2,8 | 0,99744 | 0,99752 | 0,99760 | 0,99767 | 0,99774 | 0,99781 | 0,99788 | 0,99795 | 0,99801 | 0,99807 |
| 2,9 | 0,99813 | 0,99819 | 0,99825 | 0,99831 | 0,99836 | 0,99841 | 0,99846 | 0,99851 | 0,99856 | 0,99861 |
| 3,0 | 0,99865 | 0,99869 | 0,99874 | 0,99878 | 0,99882 | 0,99886 | 0,99889 | 0,99893 | 0,99896 | 0,99900 |
| 3,1 | 0,99903 | 0,99906 | 0,99910 | 0,99913 | 0,99916 | 0,99918 | 0,99921 | 0,99924 | 0,99926 | 0,99929 |
| 3,2 | 0,99931 | 0,99934 | 0,99936 | 0,99938 | 0,99940 | 0,99942 | 0,99944 | 0,99946 | 0,99948 | 0,99950 |
| 3,3 | 0,99952 | 0,99953 | 0,99955 | 0,99957 | 0,99958 | 0,99960 | 0,99961 | 0,99962 | 0,99964 | 0,99965 |
| 3,4 | 0,99966 | 0,99968 | 0,99969 | 0,99970 | 0,99971 | 0,99972 | 0,99973 | 0,99974 | 0,99975 | 0,99976 |
| 3,5 | 0,99977 | 0,99978 | 0,99978 | 0,99979 | 0,99980 | 0,99981 | 0,99981 | 0,99982 | 0,99983 | 0,99983 |
| 3,6 | 0,99984 | 0,99985 | 0,99985 | 0,99986 | 0,99986 | 0,99987 | 0,99987 | 0,99988 | 0,99988 | 0,99989 |
| 3,7 | 0,99989 | 0,99990 | 0,99990 | 0,99990 | 0,99991 | 0,99991 | 0,99992 | 0,99992 | 0,99992 | 0,99992 |
| 3,8 | 0,99993 | 0,99993 | 0,99993 | 0,99994 | 0,99994 | 0,99994 | 0,99994 | 0,99995 | 0,99995 | 0,99995 |
| 3,9 | 0,99995 | 0,99995 | 0,99996 | 0,99996 | 0,99996 | 0,99996 | 0,99996 | 0,99996 | 0,99997 | 0,99997 |
| 4,0 | 0,99997 | 0,99997 | 0,99997 | 0,99997 | 0,99997 | 0,99997 | 0,99998 | 0,99998 | 0,99998 | 0,99998 |

**TABELL 2.** Normalfördelningens kvantiler, standardiserad

*Z* ∈ *N*(0, 1). Vilket värde har *zα* om *P*(*Z* > *zα*) = *α* där *α* är en given sannolikhet.

Utnyttja även Φ(-*z*) = 1 – Φ(*z*) för *P*(*Z* ≤ -*zα*).

|  |  |
| --- | --- |
| *α* | *zα* |
| 0,1 | 1,2816 |
| 0,05 | 1,6449 |
| 0,025 | 1,9600 |
| 0,010 | 2,3263 |
| 0,005 | 2,5758 |
| 0,0025 | 2,8070 |
| 0,0010 | 3,0902 |
| 0,0005 | 3,2905 |
| 0,00025 | 3,4808 |
| 0,00010 | 3,7190 |
| 0,00005 | 3,8906 |
| 0,000025 | 4,0556 |
| 0,000010 | 4,2649 |
| 0,000005 | 4,4172 |

*z*α

*P*(*Z* > *z*α) = α

**TABELL 6.** Binomial-fördelningen; *n* = 2,…,9

*P*(*X* ≤ *x*) där *X* ∈ *Bin*(*n*, *p*). För *p* > 0,5, utnyttja att *P*(*X* ≤ *x*) = *P*(*Y* ≥ *n*-*x*) där *Y* ∈ *Bin*(*n*, 1-*p*)

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***n*** | ***x*** | ***p* = 0,05** | **0,1** | **0,15** | **0,2** | **0,25** | **0,3** | **0,35** | **0,4** | **0,45** | **0,5** |
| **2** | **0** | 0,90250 | 0,81000 | 0,72250 | 0,64000 | 0,56250 | 0,49000 | 0,42250 | 0,36000 | 0,30250 | 0,25000 |
|  | **1** | 0,99750 | 0,99000 | 0,97750 | 0,96000 | 0,93750 | 0,91000 | 0,87750 | 0,84000 | 0,79750 | 0,75000 |
| **3** | **0** | 0,85738 | 0,72900 | 0,61413 | 0,51200 | 0,42188 | 0,34300 | 0,27463 | 0,21600 | 0,16638 | 0,12500 |
|  | **1** | 0,99275 | 0,97200 | 0,93925 | 0,89600 | 0,84375 | 0,78400 | 0,71825 | 0,64800 | 0,57475 | 0,50000 |
|  | **2** | 0,99988 | 0,99900 | 0,99663 | 0,99200 | 0,98438 | 0,97300 | 0,95713 | 0,93600 | 0,90888 | 0,87500 |
| **4** | **0** | 0,81451 | 0,65610 | 0,52201 | 0,40960 | 0,31641 | 0,24010 | 0,17851 | 0,12960 | 0,09151 | 0,06250 |
|  | **1** | 0,98598 | 0,94770 | 0,89048 | 0,81920 | 0,73828 | 0,65170 | 0,56298 | 0,47520 | 0,39098 | 0,31250 |
|  | **2** | 0,99952 | 0,99630 | 0,98802 | 0,97280 | 0,94922 | 0,91630 | 0,87352 | 0,82080 | 0,75852 | 0,68750 |
|  | **3** | 0,99999 | 0,99990 | 0,99949 | 0,99840 | 0,99609 | 0,99190 | 0,98499 | 0,97440 | 0,95899 | 0,93750 |
| **5** | **0** | 0,77378 | 0,59049 | 0,44371 | 0,32768 | 0,23730 | 0,16807 | 0,11603 | 0,07776 | 0,05033 | 0,03125 |
|  | **1** | 0,97741 | 0,91854 | 0,83521 | 0,73728 | 0,63281 | 0,52822 | 0,42842 | 0,33696 | 0,25622 | 0,18750 |
|  | **2** | 0,99884 | 0,99144 | 0,97339 | 0,94208 | 0,89648 | 0,83692 | 0,76483 | 0,68256 | 0,59313 | 0,50000 |
|  | **3** | 0,99997 | 0,99954 | 0,99777 | 0,99328 | 0,98438 | 0,96922 | 0,94598 | 0,91296 | 0,86878 | 0,81250 |
|  | **4** | 1,00000 | 0,99999 | 0,99992 | 0,99968 | 0,99902 | 0,99757 | 0,99475 | 0,98976 | 0,98155 | 0,96875 |
| **6** | **0** | 0,73509 | 0,53144 | 0,37715 | 0,26214 | 0,17798 | 0,11765 | 0,07542 | 0,04666 | 0,02768 | 0,01563 |
|  | **1** | 0,96723 | 0,88574 | 0,77648 | 0,65536 | 0,53394 | 0,42018 | 0,31908 | 0,23328 | 0,16357 | 0,10938 |
|  | **2** | 0,99777 | 0,98415 | 0,95266 | 0,90112 | 0,83057 | 0,74431 | 0,64709 | 0,54432 | 0,44152 | 0,34375 |
|  | **3** | 0,99991 | 0,99873 | 0,99411 | 0,98304 | 0,96240 | 0,92953 | 0,88258 | 0,82080 | 0,74474 | 0,65625 |
|  | **4** | 1,00000 | 0,99995 | 0,99960 | 0,99840 | 0,99536 | 0,98906 | 0,97768 | 0,95904 | 0,93080 | 0,89063 |
|  | **5** | 1,00000 | 1,00000 | 0,99999 | 0,99994 | 0,99976 | 0,99927 | 0,99816 | 0,99590 | 0,99170 | 0,98438 |
| **7** | **0** | 0,69834 | 0,47830 | 0,32058 | 0,20972 | 0,13348 | 0,08235 | 0,04902 | 0,02799 | 0,01522 | 0,00781 |
|  | **1** | 0,95562 | 0,85031 | 0,71658 | 0,57672 | 0,44495 | 0,32942 | 0,23380 | 0,15863 | 0,10242 | 0,06250 |
|  | **2** | 0,99624 | 0,97431 | 0,92623 | 0,85197 | 0,75641 | 0,64707 | 0,53228 | 0,41990 | 0,31644 | 0,22656 |
|  | **3** | 0,99981 | 0,99727 | 0,98790 | 0,96666 | 0,92944 | 0,87396 | 0,80015 | 0,71021 | 0,60829 | 0,50000 |
|  | **4** | 0,99999 | 0,99982 | 0,99878 | 0,99533 | 0,98712 | 0,97120 | 0,94439 | 0,90374 | 0,84707 | 0,77344 |
|  | **5** | 1,00000 | 0,99999 | 0,99993 | 0,99963 | 0,99866 | 0,99621 | 0,99099 | 0,98116 | 0,96429 | 0,93750 |
|  | **6** | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99994 | 0,99978 | 0,99936 | 0,99836 | 0,99626 | 0,99219 |
| **8** | **0** | 0,66342 | 0,43047 | 0,27249 | 0,16777 | 0,10011 | 0,05765 | 0,03186 | 0,01680 | 0,00837 | 0,00391 |
|  | **1** | 0,94276 | 0,81310 | 0,65718 | 0,50332 | 0,36708 | 0,25530 | 0,16913 | 0,10638 | 0,06318 | 0,03516 |
|  | **2** | 0,99421 | 0,96191 | 0,89479 | 0,79692 | 0,67854 | 0,55177 | 0,42781 | 0,31539 | 0,22013 | 0,14453 |
|  | **3** | 0,99963 | 0,99498 | 0,97865 | 0,94372 | 0,88618 | 0,80590 | 0,70640 | 0,59409 | 0,47696 | 0,36328 |
|  | **4** | 0,99998 | 0,99957 | 0,99715 | 0,98959 | 0,97270 | 0,94203 | 0,89391 | 0,82633 | 0,73962 | 0,63672 |
|  | **5** | 1,00000 | 0,99998 | 0,99976 | 0,99877 | 0,99577 | 0,98871 | 0,97468 | 0,95019 | 0,91154 | 0,85547 |
|  | **6** | 1,00000 | 1,00000 | 0,99999 | 0,99992 | 0,99962 | 0,99871 | 0,99643 | 0,99148 | 0,98188 | 0,96484 |
|  | **7** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99998 | 0,99993 | 0,99977 | 0,99934 | 0,99832 | 0,99609 |
| **9** | **0** | 0,63025 | 0,38742 | 0,23162 | 0,13422 | 0,07508 | 0,04035 | 0,02071 | 0,01008 | 0,00461 | 0,00195 |
|  | **1** | 0,92879 | 0,77484 | 0,59948 | 0,43621 | 0,30034 | 0,19600 | 0,12109 | 0,07054 | 0,03852 | 0,01953 |
|  | **2** | 0,99164 | 0,94703 | 0,85915 | 0,73820 | 0,60068 | 0,46283 | 0,33727 | 0,23179 | 0,14950 | 0,08984 |
|  | **3** | 0,99936 | 0,99167 | 0,96607 | 0,91436 | 0,83427 | 0,72966 | 0,60889 | 0,48261 | 0,36138 | 0,25391 |
|  | **4** | 0,99997 | 0,99911 | 0,99437 | 0,98042 | 0,95107 | 0,90119 | 0,82828 | 0,73343 | 0,62142 | 0,50000 |
|  | **5** | 1,00000 | 0,99994 | 0,99937 | 0,99693 | 0,99001 | 0,97471 | 0,94641 | 0,90065 | 0,83418 | 0,74609 |
|  | **6** | 1,00000 | 1,00000 | 0,99995 | 0,99969 | 0,99866 | 0,99571 | 0,98882 | 0,97497 | 0,95023 | 0,91016 |
|  | **7** | 1,00000 | 1,00000 | 1,00000 | 0,99998 | 0,99989 | 0,99957 | 0,99860 | 0,99620 | 0,99092 | 0,98047 |
|  | **8** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99998 | 0,99992 | 0,99974 | 0,99924 | 0,99805 |

**TABELL 6 forts.** Binomial-fördelningen; *n* = 10, …,13

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***n*** | ***x*** | ***p* = 0,05** | **0,1** | **0,15** | **0,2** | **0,25** | **0,3** | **0,35** | **0,4** | **0,45** | **0,5** |
| **10** | **0** | 0,59874 | 0,34868 | 0,19687 | 0,10737 | 0,05631 | 0,02825 | 0,01346 | 0,00605 | 0,00253 | 0,00098 |
|  | **1** | 0,91386 | 0,73610 | 0,54430 | 0,37581 | 0,24403 | 0,14931 | 0,08595 | 0,04636 | 0,02326 | 0,01074 |
|  | **2** | 0,98850 | 0,92981 | 0,82020 | 0,67780 | 0,52559 | 0,38278 | 0,26161 | 0,16729 | 0,09956 | 0,05469 |
|  | **3** | 0,99897 | 0,98720 | 0,95003 | 0,87913 | 0,77588 | 0,64961 | 0,51383 | 0,38228 | 0,26604 | 0,17188 |
|  | **4** | 0,99994 | 0,99837 | 0,99013 | 0,96721 | 0,92187 | 0,84973 | 0,75150 | 0,63310 | 0,50440 | 0,37695 |
|  | **5** | 1,00000 | 0,99985 | 0,99862 | 0,99363 | 0,98027 | 0,95265 | 0,90507 | 0,83376 | 0,73844 | 0,62305 |
|  | **6** | 1,00000 | 0,99999 | 0,99987 | 0,99914 | 0,99649 | 0,98941 | 0,97398 | 0,94524 | 0,89801 | 0,82813 |
|  | **7** | 1,00000 | 1,00000 | 0,99999 | 0,99992 | 0,99958 | 0,99841 | 0,99518 | 0,98771 | 0,97261 | 0,94531 |
|  | **8** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99997 | 0,99986 | 0,99946 | 0,99832 | 0,99550 | 0,98926 |
|  | **9** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99997 | 0,99990 | 0,99966 | 0,99902 |
| **11** | **0** | 0,56880 | 0,31381 | 0,16734 | 0,08590 | 0,04224 | 0,01977 | 0,00875 | 0,00363 | 0,00139 | 0,00049 |
|  | **1** | 0,89811 | 0,69736 | 0,49219 | 0,32212 | 0,19710 | 0,11299 | 0,06058 | 0,03023 | 0,01393 | 0,00586 |
|  | **2** | 0,98476 | 0,91044 | 0,77881 | 0,61740 | 0,45520 | 0,31274 | 0,20013 | 0,11892 | 0,06522 | 0,03271 |
|  | **3** | 0,99845 | 0,98147 | 0,93056 | 0,83886 | 0,71330 | 0,56956 | 0,42555 | 0,29628 | 0,19112 | 0,11328 |
|  | **4** | 0,99989 | 0,99725 | 0,98411 | 0,94959 | 0,88537 | 0,78970 | 0,66831 | 0,53277 | 0,39714 | 0,27441 |
|  | **5** | 0,99999 | 0,99970 | 0,99734 | 0,98835 | 0,96567 | 0,92178 | 0,85132 | 0,75350 | 0,63312 | 0,50000 |
|  | **6** | 1,00000 | 0,99998 | 0,99968 | 0,99803 | 0,99244 | 0,97838 | 0,94986 | 0,90065 | 0,82620 | 0,72559 |
|  | **7** | 1,00000 | 1,00000 | 0,99997 | 0,99976 | 0,99881 | 0,99571 | 0,98776 | 0,97072 | 0,93904 | 0,88672 |
|  | **8** | 1,00000 | 1,00000 | 1,00000 | 0,99998 | 0,99987 | 0,99942 | 0,99796 | 0,99408 | 0,98520 | 0,96729 |
|  | **9** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99995 | 0,99979 | 0,99927 | 0,99779 | 0,99414 |
|  | **10** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99996 | 0,99985 | 0,99951 |
| **12** | **0** | 0,54036 | 0,28243 | 0,14224 | 0,06872 | 0,03168 | 0,01384 | 0,00569 | 0,00218 | 0,00077 | 0,00024 |
|  | **1** | 0,88164 | 0,65900 | 0,44346 | 0,27488 | 0,15838 | 0,08503 | 0,04244 | 0,01959 | 0,00829 | 0,00317 |
|  | **2** | 0,98043 | 0,88913 | 0,73582 | 0,55835 | 0,39068 | 0,25282 | 0,15129 | 0,08344 | 0,04214 | 0,01929 |
|  | **3** | 0,99776 | 0,97436 | 0,90779 | 0,79457 | 0,64878 | 0,49252 | 0,34665 | 0,22534 | 0,13447 | 0,07300 |
|  | **4** | 0,99982 | 0,99567 | 0,97608 | 0,92744 | 0,84236 | 0,72366 | 0,58335 | 0,43818 | 0,30443 | 0,19385 |
|  | **5** | 0,99999 | 0,99946 | 0,99536 | 0,98059 | 0,94560 | 0,88215 | 0,78726 | 0,66521 | 0,52693 | 0,38721 |
|  | **6** | 1,00000 | 0,99995 | 0,99933 | 0,99610 | 0,98575 | 0,96140 | 0,91537 | 0,84179 | 0,73931 | 0,61279 |
|  | **7** | 1,00000 | 1,00000 | 0,99993 | 0,99942 | 0,99722 | 0,99051 | 0,97449 | 0,94269 | 0,88826 | 0,80615 |
|  | **8** | 1,00000 | 1,00000 | 0,99999 | 0,99994 | 0,99961 | 0,99831 | 0,99439 | 0,98473 | 0,96443 | 0,92700 |
|  | **9** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99996 | 0,99979 | 0,99915 | 0,99719 | 0,99212 | 0,98071 |
|  | **10** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99998 | 0,99992 | 0,99968 | 0,99892 | 0,99683 |
|  | **11** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99998 | 0,99993 | 0,99976 |
| **13** | **0** | 0,51334 | 0,25419 | 0,12091 | 0,05498 | 0,02376 | 0,00969 | 0,00370 | 0,00131 | 0,00042 | 0,00012 |
|  | **1** | 0,86458 | 0,62134 | 0,39828 | 0,23365 | 0,12671 | 0,06367 | 0,02958 | 0,01263 | 0,00490 | 0,00171 |
|  | **2** | 0,97549 | 0,86612 | 0,69196 | 0,50165 | 0,33260 | 0,20248 | 0,11319 | 0,05790 | 0,02691 | 0,01123 |
|  | **3** | 0,99690 | 0,96584 | 0,88200 | 0,74732 | 0,58425 | 0,42061 | 0,27827 | 0,16858 | 0,09292 | 0,04614 |
|  | **4** | 0,99971 | 0,99354 | 0,96584 | 0,90087 | 0,79396 | 0,65431 | 0,50050 | 0,35304 | 0,22795 | 0,13342 |
|  | **5** | 0,99998 | 0,99908 | 0,99247 | 0,96996 | 0,91979 | 0,83460 | 0,71589 | 0,57440 | 0,42681 | 0,29053 |
|  | **6** | 1,00000 | 0,99990 | 0,99873 | 0,99300 | 0,97571 | 0,93762 | 0,87053 | 0,77116 | 0,64374 | 0,50000 |
|  | **7** | 1,00000 | 0,99999 | 0,99984 | 0,99875 | 0,99435 | 0,98178 | 0,95380 | 0,90233 | 0,82123 | 0,70947 |
|  | **8** | 1,00000 | 1,00000 | 0,99998 | 0,99983 | 0,99901 | 0,99597 | 0,98743 | 0,96792 | 0,93015 | 0,86658 |
|  | **9** | 1,00000 | 1,00000 | 1,00000 | 0,99998 | 0,99987 | 0,99935 | 0,99749 | 0,99221 | 0,97966 | 0,95386 |
|  | **10** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99993 | 0,99965 | 0,99868 | 0,99586 | 0,98877 |
|  | **11** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99997 | 0,99986 | 0,99948 | 0,99829 |
|  | **12** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99997 | 0,99988 |

**TABELL 6 forts.** Binomial-fördelningen; *n* = 14,15,16

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***n*** | ***x*** | ***p* = 0,05** | **0,1** | **0,15** | **0,2** | **0,25** | **0,3** | **0,35** | **0,4** | **0,45** | **0,5** |
| **14** | **0** | 0,48767 | 0,22877 | 0,10277 | 0,04398 | 0,01782 | 0,00678 | 0,00240 | 0,00078 | 0,00023 | 0,00006 |
|  | **1** | 0,84701 | 0,58463 | 0,35667 | 0,19791 | 0,10097 | 0,04748 | 0,02052 | 0,00810 | 0,00289 | 0,00092 |
|  | **2** | 0,96995 | 0,84164 | 0,64791 | 0,44805 | 0,28113 | 0,16084 | 0,08393 | 0,03979 | 0,01701 | 0,00647 |
|  | **3** | 0,99583 | 0,95587 | 0,85349 | 0,69819 | 0,52134 | 0,35517 | 0,22050 | 0,12431 | 0,06322 | 0,02869 |
|  | **4** | 0,99957 | 0,99077 | 0,95326 | 0,87016 | 0,74153 | 0,58420 | 0,42272 | 0,27926 | 0,16719 | 0,08978 |
|  | **5** | 0,99997 | 0,99853 | 0,98847 | 0,95615 | 0,88833 | 0,78052 | 0,64051 | 0,48585 | 0,33732 | 0,21198 |
|  | **6** | 1,00000 | 0,99982 | 0,99779 | 0,98839 | 0,96173 | 0,90672 | 0,81641 | 0,69245 | 0,54612 | 0,39526 |
|  | **7** | 1,00000 | 0,99998 | 0,99967 | 0,99760 | 0,98969 | 0,96853 | 0,92466 | 0,84986 | 0,74136 | 0,60474 |
|  | **8** | 1,00000 | 1,00000 | 0,99996 | 0,99962 | 0,99785 | 0,99171 | 0,97566 | 0,94168 | 0,88114 | 0,78802 |
|  | **9** | 1,00000 | 1,00000 | 1,00000 | 0,99995 | 0,99966 | 0,99833 | 0,99396 | 0,98249 | 0,95738 | 0,91022 |
|  | **10** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99996 | 0,99975 | 0,99889 | 0,99609 | 0,98857 | 0,97131 |
|  | **11** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99997 | 0,99986 | 0,99939 | 0,99785 | 0,99353 |
|  | **12** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99994 | 0,99975 | 0,99908 |
|  | **13** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99994 |
| **15** | **0** | 0,46329 | 0,20589 | 0,08735 | 0,03518 | 0,01336 | 0,00475 | 0,00156 | 0,00047 | 0,00013 | 0,00003 |
|  | **1** | 0,82905 | 0,54904 | 0,31859 | 0,16713 | 0,08018 | 0,03527 | 0,01418 | 0,00517 | 0,00169 | 0,00049 |
|  | **2** | 0,96380 | 0,81594 | 0,60423 | 0,39802 | 0,23609 | 0,12683 | 0,06173 | 0,02711 | 0,01065 | 0,00369 |
|  | **3** | 0,99453 | 0,94444 | 0,82266 | 0,64816 | 0,46129 | 0,29687 | 0,17270 | 0,09050 | 0,04242 | 0,01758 |
|  | **4** | 0,99939 | 0,98728 | 0,93829 | 0,83577 | 0,68649 | 0,51549 | 0,35194 | 0,21728 | 0,12040 | 0,05923 |
|  | **5** | 0,99995 | 0,99775 | 0,98319 | 0,93895 | 0,85163 | 0,72162 | 0,56428 | 0,40322 | 0,26076 | 0,15088 |
|  | **6** | 1,00000 | 0,99969 | 0,99639 | 0,98194 | 0,94338 | 0,86886 | 0,75484 | 0,60981 | 0,45216 | 0,30362 |
|  | **7** | 1,00000 | 0,99997 | 0,99939 | 0,99576 | 0,98270 | 0,94999 | 0,88677 | 0,78690 | 0,65350 | 0,50000 |
|  | **8** | 1,00000 | 1,00000 | 0,99992 | 0,99922 | 0,99581 | 0,98476 | 0,95781 | 0,90495 | 0,81824 | 0,69638 |
|  | **9** | 1,00000 | 1,00000 | 0,99999 | 0,99989 | 0,99921 | 0,99635 | 0,98756 | 0,96617 | 0,92307 | 0,84912 |
|  | **10** | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99988 | 0,99933 | 0,99717 | 0,99065 | 0,97453 | 0,94077 |
|  | **11** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99991 | 0,99952 | 0,99807 | 0,99367 | 0,98242 |
|  | **12** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99994 | 0,99972 | 0,99889 | 0,99631 |
|  | **13** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99997 | 0,99988 | 0,99951 |
|  | **14** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99997 |
| **16** | **0** | 0,44013 | 0,18530 | 0,07425 | 0,02815 | 0,01002 | 0,00332 | 0,00102 | 0,00028 | 0,00007 | 0,00002 |
|  | **1** | 0,81076 | 0,51473 | 0,28390 | 0,14074 | 0,06348 | 0,02611 | 0,00976 | 0,00329 | 0,00099 | 0,00026 |
|  | **2** | 0,95706 | 0,78925 | 0,56138 | 0,35184 | 0,19711 | 0,09936 | 0,04509 | 0,01834 | 0,00662 | 0,00209 |
|  | **3** | 0,99300 | 0,93159 | 0,78989 | 0,59813 | 0,40499 | 0,24586 | 0,13386 | 0,06515 | 0,02813 | 0,01064 |
|  | **4** | 0,99914 | 0,98300 | 0,92095 | 0,79825 | 0,63019 | 0,44990 | 0,28921 | 0,16657 | 0,08531 | 0,03841 |
|  | **5** | 0,99992 | 0,99670 | 0,97646 | 0,91831 | 0,81035 | 0,65978 | 0,48996 | 0,32884 | 0,19760 | 0,10506 |
|  | **6** | 0,99999 | 0,99950 | 0,99441 | 0,97334 | 0,92044 | 0,82469 | 0,68815 | 0,52717 | 0,36603 | 0,22725 |
|  | **7** | 1,00000 | 0,99994 | 0,99894 | 0,99300 | 0,97287 | 0,92565 | 0,84059 | 0,71606 | 0,56290 | 0,40181 |
|  | **8** | 1,00000 | 0,99999 | 0,99984 | 0,99852 | 0,99253 | 0,97433 | 0,93294 | 0,85773 | 0,74411 | 0,59819 |
|  | **9** | 1,00000 | 1,00000 | 0,99998 | 0,99975 | 0,99836 | 0,99287 | 0,97714 | 0,94168 | 0,87590 | 0,77275 |
|  | **10** | 1,00000 | 1,00000 | 1,00000 | 0,99997 | 0,99971 | 0,99843 | 0,99380 | 0,98086 | 0,95138 | 0,89494 |
|  | **11** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99996 | 0,99973 | 0,99870 | 0,99510 | 0,98506 | 0,96159 |
|  | **12** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99997 | 0,99980 | 0,99906 | 0,99654 | 0,98936 |
|  | **13** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99998 | 0,99987 | 0,99944 | 0,99791 |
|  | **14** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99994 | 0,99974 |
|  | **15** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99998 |

**TABELL 6 forts.** Binomial-fördelningen; *n* = 17,18,19

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***n*** | ***x*** | ***p* = 0,05** | **0,1** | **0,15** | **0,2** | **0,25** | **0,3** | **0,35** | **0,4** | **0,45** | **0,5** |
| **17** | **0** | 0,41812 | 0,16677 | 0,06311 | 0,02252 | 0,00752 | 0,00233 | 0,00066 | 0,00017 | 0,00004 | 0,00001 |
|  | **1** | 0,79223 | 0,48179 | 0,25245 | 0,11822 | 0,05011 | 0,01928 | 0,00670 | 0,00209 | 0,00057 | 0,00014 |
|  | **2** | 0,94975 | 0,76180 | 0,51976 | 0,30962 | 0,16370 | 0,07739 | 0,03273 | 0,01232 | 0,00409 | 0,00117 |
|  | **3** | 0,99120 | 0,91736 | 0,75561 | 0,54888 | 0,35302 | 0,20191 | 0,10279 | 0,04642 | 0,01845 | 0,00636 |
|  | **4** | 0,99884 | 0,97786 | 0,90129 | 0,75822 | 0,57389 | 0,38869 | 0,23484 | 0,12600 | 0,05958 | 0,02452 |
|  | **5** | 0,99988 | 0,99533 | 0,96813 | 0,89430 | 0,76531 | 0,59682 | 0,41970 | 0,26393 | 0,14707 | 0,07173 |
|  | **6** | 0,99999 | 0,99922 | 0,99172 | 0,96234 | 0,89292 | 0,77522 | 0,61878 | 0,44784 | 0,29024 | 0,16615 |
|  | **7** | 1,00000 | 0,99989 | 0,99826 | 0,98907 | 0,95976 | 0,89536 | 0,78724 | 0,64051 | 0,47431 | 0,31453 |
|  | **8** | 1,00000 | 0,99999 | 0,99970 | 0,99742 | 0,98762 | 0,95972 | 0,90062 | 0,80106 | 0,66256 | 0,50000 |
|  | **9** | 1,00000 | 1,00000 | 0,99996 | 0,99951 | 0,99690 | 0,98731 | 0,96167 | 0,90810 | 0,81659 | 0,68547 |
|  | **10** | 1,00000 | 1,00000 | 1,00000 | 0,99992 | 0,99937 | 0,99676 | 0,98797 | 0,96519 | 0,91741 | 0,83385 |
|  | **11** | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99990 | 0,99934 | 0,99699 | 0,98941 | 0,96990 | 0,92827 |
|  | **12** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99990 | 0,99941 | 0,99748 | 0,99138 | 0,97548 |
|  | **13** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99991 | 0,99955 | 0,99813 | 0,99364 |
|  | **14** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99994 | 0,99971 | 0,99883 |
|  | **15** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99997 | 0,99986 |
|  | **16** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 |
| **18** | **0** | 0,39721 | 0,15009 | 0,05365 | 0,01801 | 0,00564 | 0,00163 | 0,00043 | 0,00010 | 0,00002 | 0,00000 |
|  | **1** | 0,77352 | 0,45028 | 0,22405 | 0,09908 | 0,03946 | 0,01419 | 0,00459 | 0,00132 | 0,00033 | 0,00007 |
|  | **2** | 0,94187 | 0,73380 | 0,47966 | 0,27134 | 0,13531 | 0,05995 | 0,02362 | 0,00823 | 0,00251 | 0,00066 |
|  | **3** | 0,98913 | 0,90180 | 0,72024 | 0,50103 | 0,30569 | 0,16455 | 0,07827 | 0,03278 | 0,01198 | 0,00377 |
|  | **4** | 0,99845 | 0,97181 | 0,87944 | 0,71635 | 0,51867 | 0,33265 | 0,18862 | 0,09417 | 0,04107 | 0,01544 |
|  | **5** | 0,99983 | 0,99358 | 0,95810 | 0,86708 | 0,71745 | 0,53438 | 0,35500 | 0,20876 | 0,10770 | 0,04813 |
|  | **6** | 0,99998 | 0,99883 | 0,98818 | 0,94873 | 0,86102 | 0,72170 | 0,54910 | 0,37428 | 0,22581 | 0,11894 |
|  | **7** | 1,00000 | 0,99983 | 0,99728 | 0,98372 | 0,94305 | 0,85932 | 0,72828 | 0,56344 | 0,39148 | 0,24034 |
|  | **8** | 1,00000 | 0,99998 | 0,99949 | 0,99575 | 0,98065 | 0,94041 | 0,86094 | 0,73684 | 0,57785 | 0,40726 |
|  | **9** | 1,00000 | 1,00000 | 0,99992 | 0,99909 | 0,99458 | 0,97903 | 0,94031 | 0,86529 | 0,74728 | 0,59274 |
|  | **10** | 1,00000 | 1,00000 | 0,99999 | 0,99984 | 0,99876 | 0,99393 | 0,97877 | 0,94235 | 0,87204 | 0,75966 |
|  | **11** | 1,00000 | 1,00000 | 1,00000 | 0,99998 | 0,99977 | 0,99857 | 0,99383 | 0,97972 | 0,94628 | 0,88106 |
|  | **12** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99997 | 0,99973 | 0,99856 | 0,99425 | 0,98171 | 0,95187 |
|  | **13** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99996 | 0,99974 | 0,99872 | 0,99509 | 0,98456 |
|  | **14** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99996 | 0,99979 | 0,99900 | 0,99623 |
|  | **15** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99997 | 0,99986 | 0,99934 |
|  | **16** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99993 |
|  | **17** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 |
| **19** | **0** | 0,37735 | 0,13509 | 0,04560 | 0,01441 | 0,00423 | 0,00114 | 0,00028 | 0,00006 | 0,00001 | 0,00000 |
|  | **1** | 0,75471 | 0,42026 | 0,19849 | 0,08287 | 0,03101 | 0,01042 | 0,00313 | 0,00083 | 0,00019 | 0,00004 |
|  | **2** | 0,93345 | 0,70544 | 0,44132 | 0,23689 | 0,11134 | 0,04622 | 0,01696 | 0,00546 | 0,00153 | 0,00036 |
|  | **3** | 0,98676 | 0,88500 | 0,68415 | 0,45509 | 0,26309 | 0,13317 | 0,05914 | 0,02296 | 0,00772 | 0,00221 |
|  | **4** | 0,99799 | 0,96481 | 0,85556 | 0,67329 | 0,46542 | 0,28222 | 0,15000 | 0,06961 | 0,02798 | 0,00961 |
|  | **5** | 0,99976 | 0,99141 | 0,94630 | 0,83694 | 0,66776 | 0,47386 | 0,29676 | 0,16292 | 0,07771 | 0,03178 |
|  | **6** | 0,99998 | 0,99830 | 0,98367 | 0,93240 | 0,82512 | 0,66550 | 0,48117 | 0,30807 | 0,17266 | 0,08353 |
|  | **7** | 1,00000 | 0,99973 | 0,99592 | 0,97672 | 0,92254 | 0,81803 | 0,66557 | 0,48778 | 0,31693 | 0,17964 |
|  | **8** | 1,00000 | 0,99996 | 0,99916 | 0,99334 | 0,97125 | 0,91608 | 0,81451 | 0,66748 | 0,49398 | 0,32380 |

**TABELL 6 forts.** Binomial-fördelningen; *n* = 19 (forts.) och 20

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***n*** | ***x*** | ***p* = 0,05** | **0,1** | **0,15** | **0,2** | **0,25** | **0,3** | **0,35** | **0,4** | **0,45** | **0,5** |
| **19** | **9** | 1,00000 | 1,00000 | 0,99986 | 0,99842 | 0,99110 | 0,96745 | 0,91253 | 0,81391 | 0,67104 | 0,50000 |
|  | **10** | 1,00000 | 1,00000 | 0,99998 | 0,99969 | 0,99771 | 0,98946 | 0,96531 | 0,91153 | 0,81590 | 0,67620 |
|  | **11** | 1,00000 | 1,00000 | 1,00000 | 0,99995 | 0,99952 | 0,99718 | 0,98856 | 0,96477 | 0,91287 | 0,82036 |
|  | **12** | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99992 | 0,99938 | 0,99691 | 0,98844 | 0,96577 | 0,91647 |
|  | **13** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99989 | 0,99933 | 0,99693 | 0,98907 | 0,96822 |
|  | **14** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99988 | 0,99936 | 0,99724 | 0,99039 |
|  | **15** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99990 | 0,99947 | 0,99779 |
|  | **16** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99993 | 0,99964 |
|  | **17** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99996 |
|  | **18** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 |
| **20** | **0** | 0,35849 | 0,12158 | 0,03876 | 0,01153 | 0,00317 | 0,00080 | 0,00018 | 0,00004 | 0,00001 | 0,00000 |
|  | **1** | 0,73584 | 0,39175 | 0,17556 | 0,06918 | 0,02431 | 0,00764 | 0,00213 | 0,00052 | 0,00011 | 0,00002 |
|  | **2** | 0,92452 | 0,67693 | 0,40490 | 0,20608 | 0,09126 | 0,03548 | 0,01212 | 0,00361 | 0,00093 | 0,00020 |
|  | **3** | 0,98410 | 0,86705 | 0,64773 | 0,41145 | 0,22516 | 0,10709 | 0,04438 | 0,01596 | 0,00493 | 0,00129 |
|  | **4** | 0,99743 | 0,95683 | 0,82985 | 0,62965 | 0,41484 | 0,23751 | 0,11820 | 0,05095 | 0,01886 | 0,00591 |
|  | **5** | 0,99967 | 0,98875 | 0,93269 | 0,80421 | 0,61717 | 0,41637 | 0,24540 | 0,12560 | 0,05533 | 0,02069 |
|  | **6** | 0,99997 | 0,99761 | 0,97806 | 0,91331 | 0,78578 | 0,60801 | 0,41663 | 0,25001 | 0,12993 | 0,05766 |
|  | **7** | 1,00000 | 0,99958 | 0,99408 | 0,96786 | 0,89819 | 0,77227 | 0,60103 | 0,41589 | 0,25201 | 0,13159 |
|  | **8** | 1,00000 | 0,99994 | 0,99867 | 0,99002 | 0,95907 | 0,88667 | 0,76238 | 0,59560 | 0,41431 | 0,25172 |
|  | **9** | 1,00000 | 0,99999 | 0,99975 | 0,99741 | 0,98614 | 0,95204 | 0,87822 | 0,75534 | 0,59136 | 0,41190 |
|  | **10** | 1,00000 | 1,00000 | 0,99996 | 0,99944 | 0,99606 | 0,98286 | 0,94683 | 0,87248 | 0,75071 | 0,58810 |
|  | **11** | 1,00000 | 1,00000 | 1,00000 | 0,99990 | 0,99906 | 0,99486 | 0,98042 | 0,94347 | 0,86924 | 0,74828 |
|  | **12** | 1,00000 | 1,00000 | 1,00000 | 0,99998 | 0,99982 | 0,99872 | 0,99398 | 0,97897 | 0,94197 | 0,86841 |
|  | **13** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99997 | 0,99974 | 0,99848 | 0,99353 | 0,97859 | 0,94234 |
|  | **14** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99996 | 0,99969 | 0,99839 | 0,99357 | 0,97931 |
|  | **15** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99995 | 0,99968 | 0,99847 | 0,99409 |
|  | **16** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99995 | 0,99972 | 0,99871 |
|  | **17** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99999 | 0,99996 | 0,99980 |
|  | **18** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 0,99998 |
|  | **19** | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 | 1,00000 |