TABLICA III - Vrednosti funkcije $\Phi_{0}(x)=\frac{1}{\sqrt{2 \pi}} \int_{0}^{x} e^{-\frac{t^{2}}{2}} d t$


|  | . 0 | 1 | 2 | 3 | 4 | 5 | . 6 | - 7 | 8. | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - |  |  |  |  |  |  |  |  |  |  |
| 0.0 | 0.00000 | 00399 | 00798 | 01197 | 01595 | 01994 | 02392 | 02790 | 03188 | 03586 |
| 0.1 | 03983 | 04380 | 04776 | 05172 | 05567 | 05962 | 06356 | 06749 | 07142 | 07535 |
| 0.2 | 07926 | 08317 | 08706 | 09095 | 09483 | 09871 | 10257 | 10642 | 11026 | 11409 |
| 0.3 | 11791 | 12172 | 12552 | 12930 | 13307 | 13683 | 14058 | 14431 | 14803 | 15173 |
| 0.4 | 15542 | 15910 | 16276 | 16640 | 17003 | 17364 | 17724 | 18082 | 18439 | 18793 |
| $=0.5$ | 19146 | 19497 | 19847 | 20194 | 20540 | 20884 | 21226 | 21566 | 21904 | 22240 |
| 0.6 | 22575 | 22907 | 23237 | 23565 | $23891^{\circ}$ | 24215 | 24537 | 24857 | 25175 | 25490 |
| 0.7 | 25804 | 26115 | 26424 | 26730 | 27035 | 27337 | 27637 | 27935 | 28230 | 28524 |
| 0.8 | 28814 | 29103 | 29389 | 29673 | 29955 | 30234 | 30511 | 30785 | 31057 | 31327 |
| 0.9 . | 31594 | 31859. | 32121 | 32381 | 32639 | 32894 | 33147 | 33398 | 33646 | 33891 |
| $1.0^{\circ}$ | 34134 | 34375 | 34614 | 34850 | 35083 | 35314 | 35534 | 33769 | 35993 | 36214 |
| 1.1 . | 36433 | 36650 | 36864 | 37076 | 37286 | 37493 | 37698 | 37900. | 38100 | 38298 |
| $\because 1.2$ | 38493 | 38686 | 38877 | 39065 ${ }^{\circ}$ | 39251: | 39435 | 39617 | 39796 | 39973 | 40147 |
| - 1.3. | 40320 | 40490. | 40658 | 40824 | 40988 | 41149 | 41309 | 41466 | 41621 | 41774 |
| ' 1.4 : | 41924 | 42073 | 42220 | 42364 | . 42507 | 42647 | 42786 | 42922 | 43056 | . 43189 |
| $1.5{ }^{\circ}$ | 43319 | 43448 | 43574 | 43699 ${ }^{\circ}$ | 43822 | 43943 | 44062 | 44179 | 44295 | 44408. |
| 1.6 | 44520 | 44630 | 44738 | 44845: | 44950 | 45053 | 45154 | 45254 | 45352 | 45449 |
| 1.7. | 45543. | 45637 | . 45728 | $45818{ }^{\text {* }}$ | 45907. | 45994 | 46080 | 46164 | 46246 | 46327 |
| 1.8 | 46407. | 46485 | 46562 | $46638{ }^{\circ}$ | 46712 | 46784 | 46856 | 46926. | 46995 | 47062 |
| $\bigcirc 1.9$ | 47128 | 47193 | 47257 | 47320 | 47381 | 47441 | 47500 | 47558 | 47615 | 47670 |
| 2.0 . | 47725. | 47778 | 47831 | 47882 | 47932. | 47982 | 48030 | 48077 | 48124 | 48169. |
| 21. | 48214 | 48257 | 48300 | 48341 | 48382- | 48422 | 48461 | 48500 | 48537. | 48574 |
| 2.2 | 48610 | $48645^{\circ}$ | 48679 | $48713^{\circ}$ | 48745 | 48778 | 48809 | 48840 | 48870 | 48899. |
| 2.3 | 48928 | 48956 | 48983 | 49010 | 49036. | 49061 | 49086 | 49111 | 49134 | 49158 |
| 2.4 | 49180 | 49202 | 49224 | $49245{ }^{-}$ | 49266. | 49286 | 49305 | 49324 | 49343 | 49361 |
| 2.5 | - 49379 | 49396 | 49413 | 49430 | 49446. | 49461 | 49477 | 49492 | 49506 | 49520 |
| \% 2.6 | 49534 | 49547 | 49560 | 49573 | 49585 | 49598 | 49609 | 49621 | $49632{ }^{\circ}$ | 49643 |
| 2.7 | 49653 | 49664 | 49674. | 49683 | 49693 | 49702 | 49711 | 49720 | 49728 | 49736 |
| $2.8{ }^{\text { }}$ | 49744 | 49752 | 49760 | . 49767 | 49774 ${ }^{\text {' }}$ | 49781 | 49788 | 49795 | 49801 | 49807 |
| 2.9 " | . 49813 . | 49819 | 49825 | 49831 | 49836 | 49841 | 49846 | 49851 | 49856 | 49861 |
| $\because \because \quad \cdots$, |  |  |  |  |  |  |  |  |  |  |
| 3.0 $\ldots$ 0.49865 . $\ldots .1 .$. 49903 $\ldots$ 3.2 49931 3.3 49952 3.4 49966 <br> 3.5 49977 $\ldots$  3.6 49984  3.7 49989 3.8 49993 3.9 49995 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| - $4.0 . \quad \therefore 499968$ |  |  |  |  |  |  |  |  |  |  |
| 4.5 | . 499 | 997 |  |  | $\cdots$ |  |  |  |  |  |
| . 5.0 | $\therefore 499$ | 99997 |  |  |  |  |  |  |  |  |

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TABLICA IV $-\chi^{2}$ raspodela $P\left(\chi_{n}^{2}>\chi^{2} n ; \alpha\right\}-\alpha$


| $\alpha$ |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $n$ | 0.90 | $0: 80$ | 0.70 | 0.50 | 0.30 | 0.20 | 0.10 | 0.05 | 0.02 | 0.01 |
|  |  |  |  |  |  |  |  |  |  |  |
| 1 | 0.016 | 0.064 | 0.148 | $0.455^{\circ}$ | 1.074 | 1.642 | 2.706 | 3.841 | 5.412 | 6.635 |
| 2 | 0.211 | 0.446 | 0.713 | 1.386 | 2.408 | 3.219 | 4.605 | 5.991 | 7.824 | 9.210 |
| 3 | 0.584 | 1.005 | 1.424 | 2.366 | $3.665^{\circ}$ | 4.642 | 6.251 | 7.815 | 9.837 | 11.345 |
| 4 | 1.064 | 1.649 | 2.195 | 3.357 | 4.878 | 5.989 | 7.779 | 9.488 | 11:668 | 13.277 |
| 5 | 1.610 | 2.343 | 3.000 | 4.351 | 6.064 | 7.289 | 9.236 | 11.070 | 13.388 | 15.086 |
| 6 | 2.204 | 3.070 | 3.828 | 5.348 | 7.231 | 8.558 | 10.645 | 12.592 | 15.033 | 16.812 |
| 7 | 2.833 | 3.822 | 4.671 | 6.346 | 8.383 | 9.803 | 12.017 | 14:067 | 16.622 | 18.475 |
| 8 | 3.490 | 4.594 | 5.527 | 7.344 | 9.523 | 11.030 | 13.362 | 15.507 | 18.168 | 20.090 |
| 9 | 4.168 | 5.380 | 6.393 | 8.343 | 10.656 | 12.242 | 14.684 | 16.919 | 19.679 | 21.666 |
| 10 | 4.865 | 6.179 | 7.267 | 9.342 | 11.781 | 13.442 | 15.987 | 18.307 | 21.161 | 23.209 |
| 11 | 5.578 | 6.989 | 8.148 | 10.341 | 12.899 | 14.631 | 17.275 | 19.675 | 22.618 | 24.725 |
| 12 | 6.304 | 7.807 | 9.034 | 11.340 | 14.011 | 15.812 | 18.549 | 21.026 | 24.054 | 26.217 |
| 13 | 7.042 | 8.634 | 9.926 | 12.340 | 15.119 | 16.985 | . 19.812 | 22.362 | 25.472 | 27.688 |
| 14 | 7.790 | 9.467 | 10.821 | 13.339 | 16.222 | 18.151. | 21.064 | 23.685 | 26.873 | 29.141 |
| 15 | 8.547 | 10.307 | 11.721 | 14.339 | 17.322 | 19.311 | 22.307 | 24.996 | 28.259 | 30.578 |
| 16 | 9.312 | 11.152 | 12.624 | 15.338 | 18.418 | 20.465 | $23.542^{\circ}$ | 26.296 | 29.633 | 32.000 |
| 17 | 10.085 | 12.002 | 13.531 | 16.338 | 19.511 | 21.615 | 24.769 | 27.587 | 30.995 | 33.409 |
| 18 | 10.865 | 12.857 | 14.440 | 17.338 | 20.601 | 22.760 | 25.989 | 28.869 | 32.346 | 34.805 |
| 19 | 11.651 | 13.716 | 15.352 | 18.338 | 21.689. | 23.900 | 27.204 | 30.144 | 33.687 | 36.191 |
| 20 | 12.443 | 14.578 | 16.266 | 19.337 | 22.775. | 25.038 | 28.412 | 31.410 | 35.020 | 37.566 |
| 21 | 13.240 | 15.445 | 17.182 | 20.337 | 23.858 | 26.171 | 29.615 | 32.671 | 36.343 | 38.932 |
| 22 | 14.041 | 16.314 | 18.101. | 21.337 | 24.939. | 27.301 | 30.813 | 33.924 | 37.659 | 40.289 |
| 23 | 14.848 | 17.187 | 19.021 | 22.337 | 26.018 | 28.429 | 32.007 | 35.172 | 38.968 | 41.638 |
| 24 | 15.659 | 18.062. | 19.943 | 23.337 | 27.096 | 29.553 | 33.196 | 36.415 | 40.270 | 42.980 |
| 25 | 16.473 | 18.940 | 20.867 | 24.337 | 28.172. | 30.675 | 34.382 | 37.652 | 41.566 | 44.314 |
| 26 | 17.292 | 19.820 | 21.792 | 25.336 | 29.246 | 31.795 | 35.563 | 38.885 | 42.856 | 45.642 |
| 27 | 18.114 | 20.703 | 22.719 | 26.336 | 30.319 | 32.912 | 36.741 | 40.113 | 44.140 | 46.963 |
| 28 | 18.939 | 21.588 | 23.647 | 27.336 | 31.391 | 34.027 | 37.916 | 41.337 | 45.419. | 48.278 |
| 29 | 19.768 | 22.475 | 24.577 | 28.336 | 32.461 | 35.139 | 39.087 | 42.557 | 46.693 ${ }^{\circ}$ | 49.588 |
| 30 | 20.599 | 23.364 | 25.508 | 29.336 | 33.530 | 36.250 | 40.256 | 43.773 | 47.962 | 50.892 |
|  |  | . |  | . |  | . | S |  | . |  |

TABLICA $V$-Studentova $\overrightarrow{\boldsymbol{i}}$ raspodela $P\left\{\left|\left.\right|_{n}\right|>t_{n} ; \mathbf{\alpha}\right\}-\alpha$



TABLICA VIa - Fiserova $F$ raspodela $P\left\{F_{n_{1}}, n_{2}>F_{n_{1}}, n_{2} ; 0.05\right\}=0.05$

$F_{n_{1} ; n_{2} ; \alpha}$

| $n_{2} \backslash{ }_{1}$ | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 15 | 20 | 24 | 30 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 161 | 200 | 216 | 225 | 230 | 234 | 239 | 242 | 244 | 246 | 248 | 249 | 250 |
| 2 | 18.5 | 19.0 | 19.2 | 19.2 | 19.3 | 19.3 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.5 | 19.5 |
| 3 | 10.1 | 9.55 | 9.28 | 9.12 | 9.01 | 8.94 | 8.85 | 8.79 | 8.74 | 8.70 | 8.66 | 8.64 | 8.62 |
| 4 | 7.71 | 6.94 | 6.59 | 6.39 | 6.26 | 6.16 | 6.04 | 5.96 | 5.91 | 5.86 | 5.80 | 5.77 | 5.75 |
| 5 | 6.61 | 5.79 | 5.41 | 5.19 | 5.05 | 4.95 | 4.82 | 4.74 | 4.68 | 4.62 | 4.56 | 4.53 | 4.50 |
| 6 | 5.99 | 5.14 | 4.76 | 4.53 | 4.39 | 4.28 | 4.15 | 4.06 | 4.00 | 3.94 | 3.87 | 3.84 | 3.81 |
| 7 | 5.59 | 4.74 | 4.35 | 4.12 | 3.97 | 3.87 | 3.73 | 3.64 | 3.57 | 3.51 , | 3.44 | 3.41 | 3.38 |
| 8 | 5.23 | 4.46 | 4.07 | 3.84 | 3.69 | 3.58 | 3.44 | 3.35 | 3.28 | 3.22 | 3.15 | 3.12 | 3.08 |
| 9 | 5.12 | 4.26 | 3.86 | 3.63 | 3.48 | 3.37 | 3.22 | 3.14 | 3.07 | 3.01 | 2.94 | 2.90 | 2.86 |
| 10 | 4.96 | 4.10 | 3.71 | 3.48 | 3.33 | 3.22 | 3.07 | 2.98 | 2.91 | 2.85 | 2.77 | 2.74 | 2.70 |
| 11 | 4.84 | 3.98 | 3.59 | 3.36 | 3.20 | 3.09 | 2.95 | 2.85 | 2.79 | 2.72 | 2.65 | 2.61 | 2.57 |
| 12 | 4.75 | 3.89 | 3.49 | 3.26 | 3.11 | 3.00 | 2.85 | 2.75 | 2.69 | 2.62 | 2.54 | 2.51 | 2.47 |
| 13 | 4.67 | 3.81 | 3.41 | 3.18 | 3.03 | 2.92 | 2.77 | 2.67 | 2.60 | 2.53 | 2.46 | 2.42 | 2.38 |
| 14 | 4.60 | 3.74 | 3.34 | 3.11 | 2.96 | 2.85 | 2.70 | 2.60 | 2.53 | 2.46 | 2.39 | 2.35 | 2.31 |
| 15 | 4.54 | 3.68 | 3.29 | 3.06 | 2.90 | $2.79{ }^{-}$ | 2.64 | 2.54 | 2.48 | 2.40 | 2.33 | 2.29 | 2.25 |
| 16 | 4.49 | 3.63 | 3.24 | 3.01 | 2.85 | 2.74 | 2.59 | 2.49 | 2.42 | 2.35 | 2.28 | 2.24 | 2.19 |
| 17 | 4.54 | 3.59 | 3.20 | 2.96 | 2.81 | 2.70 | 2.55 | 2.45 | 2.38 | 2.31 | 2.23 | 2.19 | 2.15 |
| 18 | 4.41 | 3.55 | 3.16 | 2.93 | 2.77 | 2.66 | 2.51 | 2.41 | 2.34 | 2.27 | 2.19 | 2.15 | 2.11 |
| 19 | 4.38 | 3.52 | 3.13 | 290 | 2.74 | 2.63 | 2.48 | 2.38 | 2.31 | 2.23 | 2.16 | 2.11 | 2.07 |
| 20 | 4.35 | 3.49 | 3.10 | 2.87 | 2.71 | 2.60 | 2.45 | 2.35 | 2.28 | 2.20 | 2.12 | 2.08 | 2.04 |
| 21 | 4.32 | 3.47 | 3.07 | 2.84 | 2.68 | 2.57 | 2.42 | 2.32 | 2.25 | 2.18 | 2.10 | 2.05 | 2.01 |
| 22 | 4.30 | 3.44 | 3.05 | 2.82 | 2.66 | 2.55 | 2.40 | 2.30 | 2.23 | 2.15 | 2.07 | 2.03 | 1.98 |
| 23 | 4.28 | 3.42 | 3.03 | 2.80 | 2.64 | 2.53 | 2,37 | 2.27 | 2.20 | 2.13 | 2.05 2.03 | 2.01 | 1.96 |
| 24 | 4.26 | 3.40 | 3.01 | 2.78 | 2.62 | 2.51 | 2,36 | 2.25 | 2.18 2.16 | 2.11 | 2.03 | 1.98 1.96 | 1.94 |
| 25 | 4.24 | 3.39 | 2.99 | 2.76 | 2.60 | 2.49 | 2.34 | 2.24 | 2.16 | 2.09 | 1.93 | 289 | 1.82 1.84 |
| 30 | 4.17 | 3.32 | 2.92 | 2.69 | 2.53 | 2.42 | 2.27 | 2.16 | 2.09 | 2.01 | 1.93 1.84 | 1.79 | 1.74 |
| 40 | 4.08 | 3.23 | 2.84 | 2.61 | 2.45 2.37 | 2.34 2.25 | 2.18 | 2.08 1.99 | 1.92 | 1.84 | 1.75 | 1.70 | 1.65 |

TABLICA VIb - Fiserova $F$ raspodela $P\left\{F_{n_{1}, n_{2}}>F_{n_{1}}, n_{2} ; 0.01\right\}-0.01$

| $n_{3} \mathrm{Nn}_{4}$ | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 15 | 20 | 24 | 30 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 4050 | 5000 | 5400 | 5620 | 5760 | 5860 |  | 6060 | 6110 | 6160 | 6210 | 6235 | 6260 |
| 2 | 98.5 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 94 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| 3 | 34.1 | 30.8 | 29.5 | 28.7 | 28.2 | 27.9 | 27.5 | 27.3 | 27.1 | 26.9 | 26.7 | 26.6 | 26.5 |
| 4 | 21.2 | 18.0 | 16.7 | 16.0 | 15.5 | 15.2 | 14.8 | 14.5 | 14.4 | 14.2 | 14.0 | 13.9 | 13.8 |
| 5 | 16.3 | 13.3 | 12.1 | 11.4 | 11.0 | 10.7 | 10.3 | 10.1 | 9.89 | 9.72 | 9.55 | 9.47 | 9,38 |
| 6 | 13.7 | 10.9 | 9.78 | 9.15 | 8.75 | 8.47 | 8.10 | 7.87 | 7.72 | 7.56 | 7.40 | 731 | 7.23 |
| 7 | 12.2 | 9.55 | 8.45 | 7.85 | 7.46 | 7.19 | 6.84 | 6.62 | 6.47 | 6.31 5.52 | 6.16 5.36 | 6.07 5.78 | 5.99 5.70 |
| 8 | 11.3 | 8.65 | 7.59 | 7.01 | 6.63 | 6.37 | 6.03 | 5.81 | 5.67 | 5.52 | 5.36 | 5.28 | 5.20 |
| 9 | 10.6 | 8.02 | 6.99 | 6.42 | 6.06 | 5.0 | 5.47 | 5.26 | 5.11 | 4.96 | 4.81 | 4.73 | 4.65 |
| 10 | 10.0 | 7.56 | 6.55 | 5.99 | 5.64 | 539 | 5.06 | 4.85 | 4.71 | 4,76 | 4.41 | 4.33 | 4.25 |
| 11 | 9.65 | 7.21 | 6.22 | 5.67 | 5.32 | 3.97 | 4.74 | 4.54 | 4.40 | 425 | 4.10 | 4.02 | 3.9 |
| 12 | 9.33 | 6.93 | 5.95 | 5.41 | 5.06 | 482 | 4.50 | 4.30 | 4.16 | 4.01 | 3.86 | 3.78 | 3.70 |
| 13 | 9.07 | 6.70 | 5.74 | 5.21 | 4.86 | 4.2 | 4.30 | 4.10 | 3.96 | 3.82 | 3.66 | 3.59 | 3.51 |
| 14 | 8.86 | 6.51 | 5.36 | 5.04 | 4.69 | 46 | 4.14 | 3.94 | 3.80 | 3.66 | 3.51 | 3.43 | 3.35 |
| 15 | 8.68 | 6.36 | 5.42 | 4.89 | 4.56 | 4.32 | 4.00 | 3.80 | 3.67 | 3.52 | 3.37 | 3.29 | 3.21 1 |
| 16 | 8.53 | 6.23 | 5.29 | 4.77 | 4.44 | 4.20 | 3.89 | 3.69 | 3.55 | 3.41 | 3.26 3.16 | 3.18 | 3.10 |
| 17 | 8.40 | 6.11 | 5.18 | 4.67 | 4.34 | 4.10 | 3.79 | 3.59 | 3.46 | 3.31 | 3.16 | 3.08 | 0 |
| 18 | 8.29 | 6.01 | 5.09 | $1{ }^{1} 4.58$ | 4.25 | 4.01 | 3.71 | 3.51 | 3.37 | 3.23 3.15 | 3.08 | 3.00 2.92 | 2 |
| 19 | 8.18 | 5.93 | 5.01 | 4.50 | 4.17 | 3.94 3.97 | 3.63 3.66 | 3.43 3.37 | 3.30 3.3 | 3.15 | 3.00 204 | 2.92 2.86 | 2.4 |
| 20 | 8.10 | 5.85 | 4.94 | 4.43 | 4,10 | 3.87 | 3.56 | 3.37 | 3.23 | 3.09 | 2.94 | 2.86 | 2.7 |
| 21 | 8.02 | 5.78 | 4.87 | 4.37 | 4.04 | 3.81 | 3.51 | 3.31 | 3.17 | 3.03 | 2.88 | 2.80 | 272 |
| 22 | 7.95 | 5.72 | 4.82 | 4.31 | 3.99 | 3.76 | 3:45 | 3.26 | 3.12 3.07 | 2.98 2.93 | 2.83 | 2.75 270 | 2.67 2.62 |
| 23 | 7.88 | 5.66 | 4.76 | 426 | 3.94 | 3.71 | 3.41 | 3.21 | 3.07 | 2.93 | 2.78 | 2.70 | 2.62 |
| 24 | 7.82 | 5.61 | 4.72 | 4.22 | 3.90 | 3.67 | 3.31 3.32 | 3.17 3.13 | 3.03 | 2.89 | 2.74 | 2.66 | 2.58 |
| 25 | 7.77 | 5.57 5.39 | 4.68 | 4.18 | 3.86 3.70 | 3.63 3.47 | 3.32 3.17 | 3.13 2.98 | 2.99 | 2.85 2.70 | 2.70 2.55 | 2.62 2.47 | 2.59 2.39 |
| 30 | 7.56 | 5.39 | 4.51 | 4.02 | 3.70 | 3.47 | 3.17 | 2.98 | 2.84 | 2.70 2.52 | 2.55 | 2.47 | 2.20 |
| 40 | 7.31 | 5.18 | 4.31 | 3.83 | 3.51 | 3.29 3.12 | 2.99 | 2.80 | 2.66 2.50 | 2.52 $\mathbf{2 . 3 5}$ | 2.20 | 2.12 | 2.03 |
| 60 | 7.08 | 4.98 | 4.13 | 3.65 | 3.34 | 3.12 | 2.82 | 2.63 |  |  |  |  |  |

