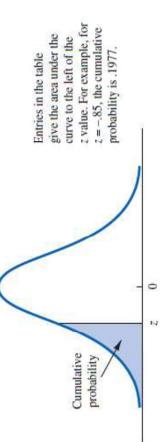
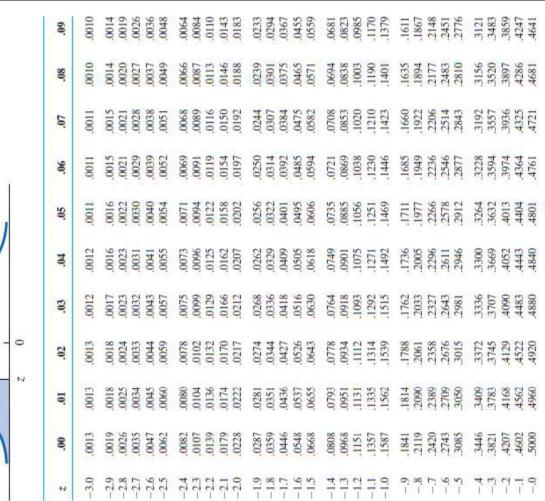
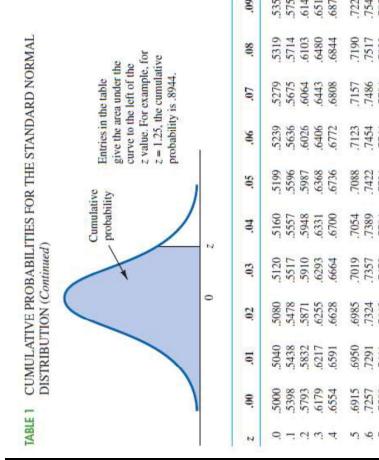
TABLE 1 CUMULATIVE PROBABILITIES FOR THE STANDARD NORMAL DISTRIBUTION







| 5000 5040 5080 5120 5160 5199 5239 5279 5319 5359   5398 5438 5478 5517 5557 5596 5656 5675 5714 5753   5793 5832 5871 5910 5948 5987 6064 6103 6141 5753   6574 6591 6654 6700 6736 6743 6844 6870   6517 6591 6654 6700 6736 6443 6844 6870   6915 6591 6664 6700 6736 6443 6884 6817   7724 7724 7724 7744 7724 7744 7724   7781 7781 7792 7424 7744 7724 7744   7781 7782 7704 7774 7744 7744 7747   7881 7910 792 8729 8319 8340 8861 8871   8413 <th>00.</th> <th>10.</th> <th>.02</th> <th>.03</th> <th>.04</th> <th>.05</th> <th>90.</th> <th>.07</th> <th>80.</th> <th>60.</th>   | 00.   | 10.   | .02    | .03   | .04   | .05   | 90.   | .07   | 80.   | 60.   |
|--|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 5438 5478 5517 5557 5596 5636 5675 5714   5832 5871 5910 5948 5987 6026 6064 6103   6217 6225 6293 6331 6386 6406 6443 6480   6591 6628 6700 6736 6772 6808 6844   6950 6985 7019 7764 7788 7123 7157 7190   7791 7324 7389 7422 7454 7486 7517   7701 7704 7734 7764 7784 7784 7784   7701 7704 7774 7744 7784 7795 8810   8186 8878 8907 8729 8719 8710 8729 8810 8810   8865 8888 8907 8925 8944 8962 8980 890 991 992 992 996 996 991 992 992  | 5000  | .5040 | .5080  | .5120 | 5160  | .5199 | .5239 | .5279 | 5319  | .5359 |
| 5832 5871 5910 5948 5987 6026 6064 6103   6217 6628 6624 6700 6736 6406 6443 6480   6591 6628 6664 6700 6736 6772 6808 6844   6591 6628 6664 6700 6736 6772 6808 6844   6950 6985 7019 7754 7784 7744 7486 7517   7701 7939 7967 7995 8023 8051 880 8810   8186 8212 8238 8264 8289 8315 8340 8810   8186 8212 8773 8795 8041 8962 8990 8810   8865 8888 8907 8925 8944 8962 8990 8810   8865 8888 8907 8925 8944 8962 8990 890   9049 9066 9082 9099  | 5398  | .5438 | .5478  | .5517 | .5557 | .5596 | 5636  | 5675  | 5714  | .5753 |
| 6217 6255 6293 6331 6368 6406 6443 6480   6591 6628 6664 6700 6736 6472 6808 6844   6591 6628 6664 6700 6736 6772 6808 6844   6950 6985 7019 7054 7088 7123 7157 7190   7291 7324 7357 7389 7422 7454 7486 7517   7611 7642 7673 7704 7734 7764 7794 7823   8186 82112 8258 8253 8264 8289 8315 8365   8186 8886 8708 8729 8749 8770 8790   8665 8866 8872 8284 8872 8313 8346 8365   8869 8886 8870 8872 8344 8962 8990 890   9049 9046 9048 9465 9452 <td>5793</td> <td>.5832</td> <td>5871</td> <td>.5910</td> <td>.5948</td> <td>.5987</td> <td>.6026</td> <td>6064</td> <td>.6103</td> <td>.6141</td>   | 5793  | .5832 | 5871   | .5910 | .5948 | .5987 | .6026 | 6064  | .6103 | .6141 |
| 6591 6628 6664 6700 6736 6772 6808 6844   6950 6985 7019 7054 7088 7123 7157 7190   7291 7324 7357 7389 7422 7454 7486 7517   7911 7324 7763 7704 7734 7454 7486 7517   7910 7939 7967 7995 8023 8051 8078 8106   8186 8212 8238 8264 8289 8315 8340 8106   8186 8212 8238 8264 8289 8315 8340 8106   8186 88708 8708 8719 8770 8790 8990   9049 9066 9089 9115 9131 9147 9162   9049 9066 9075 9251 9265 9279 9290 9162   9463 9474 9485 9495 9406 9418 </td <td>6119</td> <td>.6217</td> <td>.6255</td> <td>.6293</td> <td>.6331</td> <td>.6368</td> <td>.6406</td> <td>.6443</td> <td>.6480</td> <td>.6517</td>   | 6119  | .6217 | .6255  | .6293 | .6331 | .6368 | .6406 | .6443 | .6480 | .6517 |
| 6950 6985 7019 7054 7088 7123 7157 7190   7291 7324 7357 7389 7422 7454 7486 7517   7611 7642 7764 7734 7764 7794 7787   7611 7642 7767 7795 8023 8051 8078 8106   8186 8212 8238 8264 8289 8315 8340 8365   8438 8461 8485 8708 8729 8770 8790 8816   8665 8686 8708 8729 8749 8770 8890 8997   8869 8888 8907 8925 8944 8962 8990 8912 9940   9049 9066 9082 9099 9115 9131 9142 9426 9505 9513 9524 9406 9418 9429 9608 9616 9609 9616 9625 9525 9525 9   | .6554 | 1659. | .6628  | .6664 | 0029  | .6736 | .6772 | 8089  | .6844 | 6289. |
| 7291 7324 7357 7389 7422 7454 7486 7517   7611 7642 7673 7704 7734 7764 7794 7823   7910 7939 7967 7995 8023 8051 8078 8106   8186 8212 8238 8264 8289 8315 8340 8365   8438 8461 8485 8508 8531 8554 8369 8969   8665 8866 8708 8729 8749 8770 8789 8810   8869 8888 8907 8925 8944 8962 8990 8990 8990 8990 8960 8997 9968 9616 9625 9525 9536 9652 9536 9549 9668 9661 9679 9679 9699 9679 9679 9679 9679 9679 9671 9678 968 9671 9679 9671 9679 9671 9672  | 5169. | .6950 | \$869. | 7019  | .7054 | .7088 | .7123 | 7157  | .7190 | .7224 |
| 7611 7642 7673 7704 7734 7764 7794 77823   7910 7939 7967 7995 8023 8051 8078 8106   8186 8212 8238 8264 8289 8315 8340 8365   8438 8461 8485 8508 8531 8554 8577 8890   8665 8668 8708 8729 8749 8770 8790 8810   8665 8666 9082 9099 9115 9131 9147 9162   9049 9066 9082 9099 9115 9131 9147 9162   9207 9226 9251 9265 9515 9299 9668 9616 9625   9463 9464 9495 9505 9516 9599 9668 9618 9618 9618 9618 9618 9618 9618 9618 9625 9625 9625 9626 9618  | 7257. | .7291 | .7324  | 7357  | .7389 | .7422 | .7454 | .7486 | 71517 | .7549 |
| 7910 7939 7967 7995 8023 8051 8078 8106   8186 8212 8238 8264 8289 8315 8340 8365   8438 8461 8485 8508 8531 8554 8577 8365   8665 8886 8708 8729 8740 8770 8790 8810   8665 8888 8907 8925 8944 8962 8980 8810   8665 8888 8907 8925 8944 8962 8980 8810   9049 9066 9082 9092 9115 914 914 9162   9207 9226 9251 9265 9279 9279 9279 9306   9463 9464 9495 9569 9616 9408 9616 9625 9521 9579 9616 9616 9616 9625 9516 9524 9616 9616 9616 9616 9616 961   | .7580 | .7611 | .7642  | .7673 | .7704 | .7734 | .7764 | 7794  | .7823 | .7852 |
| 8186 8212 8238 8264 8289 8315 8340 8365   8438 8461 8485 8508 8531 8554 8577 8599   8665 8686 8708 8729 8749 8770 8790 8810   8665 8686 8708 8729 8749 8770 8890 8810   8665 8888 8907 8925 8944 8962 8980 8991   9049 9066 9082 9115 9131 9147 9162   9207 9220 9251 9265 9279 9209 9418 9406 9406 9418 9406 9406 9418 9426 9516 9525 9525 9535 9546 9649 9616 9649 9616 9649 9616 9649 9616 9649 9616 9649 9616 9649 9616 9642 9641 9750 9750 9751 9751 9751   | 7881  | .7910 | .7939  | 7967. | 7995  | .8023 | 1508. | 8078  | 9018  | .8133 |
| 8438 8461 8485 8508 8531 8554 8577 8599   8665 8686 8708 8729 8749 8770 8790 8810   8869 8888 8907 8925 8944 8962 8999 8810   9049 9066 9082 9099 9115 9131 9147 9162   9207 9265 9266 9265 9267 9292 9306   9463 9474 9484 9495 9505 9406 9418 9429   9463 9474 9484 9495 9506 9618 9616 9625   9544 9573 9582 9591 9599 9608 9616 9625   9719 9726 9671 9678 9686 9693 9686 9675   9719 9726 9732 9738 9744 9750 9756 9761   9710 9726 9732 9746 9767 <td>.8159</td> <td>.8186</td> <td>.8212</td> <td>.8238</td> <td>.8264</td> <td>.8289</td> <td>.8315</td> <td>.8340</td> <td>.8365</td> <td>.8389</td>  | .8159 | .8186 | .8212  | .8238 | .8264 | .8289 | .8315 | .8340 | .8365 | .8389 |
| 8665 8686 8708 8729 8749 8770 8890 8810   8869 8888 8907 8925 8944 8962 8980 8997   9049 9086 9082 9099 9115 9131 9147 9162   9207 9222 9236 9251 9265 9279 9292 9306   9463 9464 9484 9495 9505 9515 9525 9535   9463 9464 9484 9495 9506 9618 9616 9625   9544 9465 9649 9671 9678 9688 9616 9625   9649 9656 9664 9671 9678 9688 9616 9625   9719 9726 9671 9678 9886 9691 9690   9718 9783 9732 9738 9846 9881 9884   9864 9868 9961 9907 9908 9911 <td>.8413</td> <td>.8438</td> <td>.8461</td> <td>.8485</td> <td>.8508</td> <td>.8531</td> <td>.8554</td> <td>.8577</td> <td>8599</td> <td>.8621</td>   | .8413 | .8438 | .8461  | .8485 | .8508 | .8531 | .8554 | .8577 | 8599  | .8621 |
| 8869 8888 8907 8925 8944 8962 8980 8997   9049 9086 9082 9099 9115 9131 9147 9162   9207 9222 9236 9251 9265 9279 9306 9115 9147 9162   9345 9357 9370 9382 9394 9406 9418 9429   9463 9474 9484 9495 9505 9515 9525 9535   9544 9456 9649 9671 9678 9688 9616 9625   9463 9464 9671 9678 9686 9693 9699   9719 9726 9671 9678 9686 9693 9699   9719 9726 9744 9750 9756 9761   984 9848 9842 9846 9881 9884   986 988 9846 9881 9884 9881   986   | .8643 | \$665 | 9898   | 80/8  | .8729 | .8749 | .8770 | .8790 | .8810 | .8830 |
| 9049 9066 9082 9099 9115 9131 9147 9162   9207 9222 9236 9251 9265 9279 9292 9306   9345 9357 9370 9382 9394 9406 9418 9429   9463 9474 9484 9495 9505 9515 9525 9535   9564 9573 9582 9591 9599 9608 9616 9625   9719 9756 9664 9671 9678 9686 9690 9619   9719 9726 9673 9744 9750 9756 9761   9719 9726 9732 9738 9846 9881 9881   984 988 9841 9846 9881 9884 9881   986 988 9971 9978 9984 9984 9984   9970 9945 9946 9946 9946 9946 9946 9946  | .8849 | 6988  | 8888   | 7068° | .8925 | 8944  | .8962 | 0868  | 7668. | 9015  |
| 9207 .9222 .9236 .9251 .9265 .9279 .9306   .9345 .9357 .9370 .9382 .9394 .9406 .9418 .9429   .9463 .9474 .9484 .9495 .9505 .9515 .9525 .9535   .9564 .9573 .9582 .9591 .9599 .9608 .9616 .9625   .9564 .9656 .9664 .9671 .9678 .9686 .9616 .9625   .9719 .9726 .9673 .9798 .9686 .9661 .9699   .9718 .9784 .9671 .9678 .9866 .9693 .9699   .9778 .9783 .9744 .9750 .9761 .9876   .9864 .9868 .9871 .9878 .9846 .9881 .9884   .9864 .9868 .9901 .9904 .9906 .9901 .9904 .9906 .9901 .9904 .9904 .9946 .9946 .9946 .9946   | .9032 | 9049  | 9906   | .9082 | 6606  | 9115  | .9131 | .9147 | .9162 | 7716. |
| 9345 9357 9370 9382 9394 9406 9418 9429   9463 9474 9484 9495 9505 9515 9525 9535   9564 9573 9582 9591 9508 9616 9625   9649 9656 9651 9590 9608 9616 9625   9719 9726 9644 9671 9678 9686 9616 9629   9719 9726 9732 9738 9744 9750 9761 9699   9778 9783 9744 9750 9762 9761   9826 9871 9878 9846 9846 9881 9884 9887   9864 9888 9871 9878 9878 9884 9884 9887   9870 9920 9901 9904 9906 9911 9913   9940 9941 9942 9948 9948 9948 9948   9952   | .9192 | .9207 | .9222  | .9236 | .9251 | .9265 | .9279 | .9292 | .9306 | .9319 |
| 9463 9474 9484 9495 9505 9515 9525 9535   9564 9573 9582 9591 9599 9608 9616 9625   9649 9656 9664 9671 9678 9686 9616 9625   9719 9726 9732 9738 9744 9750 9756 9761   9778 9736 9732 9738 9744 9750 9756 9761   9826 9830 9834 9838 9842 9846 9850 9861   9864 9868 9871 9875 9878 9881 9884 9887   9864 9888 9901 9904 9906 9911 9913 9913   9940 9941 9945 9946 9949 9941 9943 9944   9955 9956 9966 9949 9941 9942 9948 9948   9946 9967 9945 9946 <td>.9332</td> <td>.9345</td> <td>.9357</td> <td>.9370</td> <td>.9382</td> <td>.9394</td> <td>9406</td> <td>.9418</td> <td>.9429</td> <td>9441</td>  | .9332 | .9345 | .9357  | .9370 | .9382 | .9394 | 9406  | .9418 | .9429 | 9441  |
| 9564 9573 9582 9591 9599 9608 9616 9625   9649 9656 9664 9671 9678 9686 9693 9699   9719 9726 9732 9738 9744 9750 9756 9761   9778 9736 9733 9793 9793 9803 9808 9761   9826 9830 9834 9838 9842 9846 9850 9812   9864 9868 9901 9904 9906 9911 9913   9920 9922 9925 9927 9929 9948 9941 9913   9940 9941 9945 9946 9949 9941 9913 9943   9955 9956 9957 9959 9946 9948 9948 9948   9956 9966 9967 9949 9941 9942 9948   9976 9957 9959 9960 9941 9942 <td>.9452</td> <td>.9463</td> <td>.9474</td> <td>9484</td> <td>.9495</td> <td>.9505</td> <td>.9515</td> <td>.9525</td> <td>.9535</td> <td>9545</td>  | .9452 | .9463 | .9474  | 9484  | .9495 | .9505 | .9515 | .9525 | .9535 | 9545  |
| 9649 9656 9664 9671 9678 9686 9693 9699   9719 9726 9732 9738 9744 9750 9756 9761   9719 9726 9732 9738 9794 9803 9808 9761   9726 9836 9871 9838 9842 9846 9850 9812   9864 9868 9871 9875 9878 9881 9884 9887   9866 9898 9901 9904 9906 9911 9913 9913   9940 9941 9945 9927 9929 9949 9941 9913   9955 9956 9957 9929 9946 9948 9949 9941   9956 9967 9959 9960 9941 9942 9963   9976 9977 9971 9971 9971 9972 9973   9982 9982 9984 9984 9985 9986 <td>.9554</td> <td>9564</td> <td>.9573</td> <td>.9582</td> <td>.9591</td> <td>6656</td> <td>8096</td> <td>9196</td> <td>.9625</td> <td>.9633</td>  | .9554 | 9564  | .9573  | .9582 | .9591 | 6656  | 8096  | 9196  | .9625 | .9633 |
| 9719 9726 9732 9738 9744 9750 9756 9761   9778 9783 9783 9793 9793 9803 9803 9808 9812   9826 9830 9834 9838 9842 9846 9850 9812   9864 9868 9971 9964 9964 9911 9913 9913   9920 9922 9925 9927 9929 9941 9913 9913   9940 9941 9942 9945 9946 9949 9941 9913   9955 9957 9957 9959 9946 9948 9949 9949   9966 9967 9968 9969 9970 9971 9972 9973   9975 9976 9977 9977 9977 9979 9980   9982 9982 9984 9985 9986 9989 9989 9989   9987 9988 9989 9989 <td>.9641</td> <td>6496</td> <td>9656</td> <td>9664</td> <td>1296.</td> <td>8196.</td> <td>9896</td> <td>.9693</td> <td>6696</td> <td>90/6</td>  | .9641 | 6496  | 9656   | 9664  | 1296. | 8196. | 9896  | .9693 | 6696  | 90/6  |
| 9778 9783 9788 9793 9798 9803 9808 9812   9826 9834 9834 9834 9846 9850 9854   9864 9868 9871 9875 9876 9846 9884 9884   9866 9898 9901 9904 9906 9911 9913   9920 9921 9924 9966 9909 9911 9913   9940 9941 9945 9946 9946 9946 9949 9941   9955 9956 9957 9959 9960 9961 9962 9963   9966 9967 9968 9969 9970 9971 9972 9973   9975 9976 9977 9977 9978 9979 9980   9982 9982 9984 9984 9985 9986 9986   9987 9988 9989 9989 9989 9989 9989  | .9713 | 9719  | .9726  | .9732 | .9738 | .9744 | .9750 | .9756 | .9761 | 7976. |
| 9826 9830 9834 9838 9842 9846 9850 9854   9864 9868 9871 9875 9878 9881 9884 9887   9896 9898 9901 9904 9906 9911 9913   9920 9922 9925 9927 9929 9931 9913   9940 9941 9943 9948 9948 9949 9949   9955 9956 9957 9960 9961 9961 9961 9962   9966 9967 9970 9971 9972 9973 9973   9975 9976 9970 9971 9971 9971 9973   9982 9983 9984 9984 9985 9986 9986   9987 9987 9988 9989 9989 9989 9989 9989  | .9772 | 8778  | .9783  | 8876. | .9793 | 8616. | .9803 | 8086  | .9812 | 7186. |
| 9864 9868 9871 9875 9878 9881 9884 9887   9896 9898 9901 9904 9906 9911 9913   9920 9922 9925 9927 9929 9931 9913   9940 9941 9943 9948 9948 9949 9949   9955 9956 9960 9961 9961 9961 9963   9966 9967 9968 9969 9970 9971 9972 9973   9987 9987 9978 9979 9979 9980 9980   9987 9988 9984 9984 9985 9986 9986   9987 9987 9989 9989 9989 9989 9980   | .9821 | 9856  | .9830  | .9834 | .9838 | .9842 | 9846  | .9850 | .9854 | 7586. |
| 9896 9898 9901 9904 9906 9909 9911 9913   9920 9922 9925 9927 9929 9931 9932 9934   9940 9941 9943 9948 9948 9949 9949   9955 9966 9967 9960 9961 9961 9963   9976 9967 9968 9970 9971 9972 9973   9975 9976 9977 9978 9979 9979 9980   9982 9983 9984 9984 9985 9986 9980   9987 9988 9989 9989 9989 9980 9990  | 1986  | 9864  | 8986   | 1786. | 5786. | 8186  | 1886  | 9884  | 7886. | 0686  |
| 9920 9925 9925 9927 9929 9931 9932 9934   9940 9941 9943 9945 9946 9948 9949 9951   9955 9956 9957 9959 9960 9961 9962 9963   9975 9976 9970 9971 9972 9973   9975 9976 9977 9978 9979 9980   9982 9983 9984 9984 9985 9986 9989   9987 9988 9989 9989 9989 9989 9990  | 6863  | 9686  | 8686   | 1066  | 9904  | 9066  | 6066  | 1166  | .9913 | .9913 |
| 9940 9941 9943 9945 9946 9948 9949 9951   9955 9956 9957 9959 9960 9961 9962 9963   9966 9967 9968 9969 9970 9971 9972 9973   9975 9976 9977 9978 9979 9980 9980   9982 9983 9984 9984 9985 9985 9986   9987 9988 9989 9989 9989 9980 9990   | 8166  | .9920 | .9922  | .9925 | .9927 | .9929 | .9931 | .9932 | .9934 | .9936 |
| 9955 9956 9957 9959 9960 9961 9962 9963 9966 9966 9967 9968 9967 9971 9972 9973 9975 9975 9975 9975 9975 9975 9982 9982 9984 9984 9985 9985 9986 9990 9990   | .9938 | .9940 | .9941  | .9943 | 9945  | 966   | .9948 | 9949  | .9951 | .9952 |
| 9966 9967 9968 9969 9970 9971 9972 9973 9975 9975 9975 9975 9977 9978 9978 9979 9980 9980 9981 9984 9984 9985 9985 9986 9980 9987 9987 9980 9980 9980 9980 9980  | .9953 | 9955  | 9666   | 7566. | 9959  | 0966  | 1966  | .9962 | .9963 | 9964  |
| 9975 .9976 .9977 .9978 .9979 .9979 .9980 .9980 .9982 .9982 .9983 .9984 .9984 .9985 .9985 .9986 .9986 .9987 .9987 .9987 .9988 .9989 .9989 .9990   | 3966  | 9966  | 1966   | 8966  | 6966  | 0266  | .9971 | .9972 | .9973 | 9974  |
| 9982 .9982 .9983 .9984 .9984 .9985 .9985 .9986 .   | 9974  | 9975  | 9266   | 7766. | 7766. | 8166  | 6266  | 6266  | 0866  | 1866  |
| 0666 6866 6866 6866 8866 8866 2866 2866  | 1866  | .9982 | .9982  | .9983 | .9984 | .9984 | 5866  | 5866  | 9866  | 9866  |
| the state of the s | 9866  | 7800  | 0987   | 8800  | 9888  | 9989  | 0800  | 0866  | 0666  | 0666  |