Standard Normal table

		0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	
$t = (2\pi e^{z^2})^{-0.5}$	≤ -3.50 -3.4 -3.3 -3.2 -3.1 -3.0	0.0001 0.0003 0.0005 0.0007 0.0010 0.0014	$\begin{array}{c} 0.0003 \\ 0.0005 \\ 0.0007 \\ 0.0010 \\ 0.0013 \end{array}$	$\begin{array}{c} 0.0003 \\ 0.0005 \\ 0.0006 \\ 0.0009 \\ 0.0013 \end{array}$	$\begin{array}{c} 0.0003 \\ 0.0004 \\ 0.0006 \\ 0.0009 \\ 0.0012 \end{array}$	0.0006	0.0003 0.0004 0.0006 0.0008 0.0011	$\begin{array}{c} 0.0003 \\ 0.0004 \\ 0.0006 \\ 0.0008 \\ 0.0011 \end{array}$	$\begin{array}{c} 0.0004 \\ 0.0005 \\ 0.0008 \end{array}$	$\begin{array}{c} 0.0003 \\ 0.0004 \\ 0.0005 \\ 0.0007 \\ 0.0010 \end{array}$	0.0002 0.0004 0.0005 0.0007 0.0010	3.3 3.2 3.1
P(z or less)	$\begin{array}{c} -2.9 \\ -2.8 \\ -2.7 \\ -2.6 \\ -2.5 \\ -2.4 \\ -2.3 \\ -2.2 \\ -2.1 \\ -2.0 \end{array}$	$\begin{array}{c} 0.0019 \\ 0.0026 \\ 0.0035 \\ 0.0047 \\ 0.0062 \\ 0.0107 \\ 0.0139 \\ 0.0179 \\ 0.0228 \end{array}$	$\begin{array}{c} 0.0018 \\ 0.0025 \\ 0.0034 \\ 0.0045 \\ 0.0060 \\ 0.0080 \\ 0.0105 \\ 0.0136 \\ 0.0174 \\ 0.0222 \end{array}$	$\begin{array}{c} 0.0018 \\ 0.0024 \\ 0.0033 \\ 0.0044 \\ 0.0059 \\ 0.0078 \\ 0.0102 \\ 0.0132 \\ 0.0170 \\ 0.0217 \end{array}$	$\begin{array}{c} 0.0017 \\ 0.0023 \\ 0.0032 \\ 0.0043 \\ 0.0057 \\ 0.0076 \\ 0.0099 \\ 0.0129 \\ 0.0166 \\ 0.0212 \end{array}$	0.0023 0.0031 0.0042 0.0056 0.0074 0.0097 0.0126	$\begin{array}{c} 0.0016 \\ 0.0022 \\ 0.0030 \\ 0.0040 \\ 0.0054 \\ 0.0072 \\ 0.0094 \\ 0.0122 \\ 0.0158 \\ 0.0202 \end{array}$	$\begin{array}{c} 0.0015 \\ 0.0021 \\ 0.0029 \\ 0.0039 \\ 0.0053 \\ 0.0070 \\ 0.0092 \\ 0.0119 \\ 0.0154 \\ 0.0197 \end{array}$	0.0021 0.0028 0.0038 0.0051 0.0068 0.0089 0.0116 0.0150	$0.0087 \\ 0.0113 \\ 0.0146$	$\begin{array}{c} 0.0014 & - \\ 0.0019 & - \\ 0.0026 & - \\ 0.0036 & - \\ 0.0048 & - \\ 0.0064 & - \\ 0.0084 & - \\ 0.0110 & - \\ 0.0143 & - \\ 0.0183 & - \\ \end{array}$	2.8 2.7 2.6 2.5 2.4 2.3 2.2 2.1
	$\begin{array}{c} -1.9 \\ -1.8 \\ -1.7 \\ -1.6 \\ -1.5 \\ -1.4 \\ -1.3 \\ -1.2 \\ -1.1 \\ -1.0 \end{array}$	$\begin{array}{c} 0.0287 \\ 0.0359 \\ 0.0446 \\ 0.0548 \\ 0.0668 \\ 0.0808 \\ 0.0968 \\ 0.1151 \\ 0.1357 \\ 0.1587 \end{array}$	$\begin{array}{c} 0.0281 \\ 0.0352 \\ 0.0436 \\ 0.0537 \\ 0.0655 \\ 0.0793 \\ 0.0951 \\ 0.1131 \\ 0.1335 \\ 0.1562 \end{array}$	0.1112	$\begin{array}{c} 0.0268 \\ 0.0336 \\ 0.0418 \\ 0.0515 \\ 0.0630 \\ 0.0764 \\ 0.0918 \\ 0.1093 \\ 0.1292 \\ 0.1515 \end{array}$	$\begin{array}{c} 0.0262 \\ 0.0329 \\ 0.0409 \\ 0.0505 \\ 0.0618 \\ 0.0749 \\ 0.0901 \\ 0.1075 \\ 0.1271 \\ 0.1492 \end{array}$	$\begin{array}{c} 0.0256 \\ 0.0322 \\ 0.0401 \\ 0.0495 \\ 0.0606 \\ 0.0735 \\ 0.0885 \\ 0.1056 \\ 0.1251 \\ 0.1469 \end{array}$	$\begin{array}{c} 0.0250 \\ 0.0315 \\ 0.0392 \\ 0.0485 \\ 0.0594 \\ 0.0721 \\ 0.0869 \\ 0.1038 \\ 0.1230 \\ 0.1446 \end{array}$	$\begin{array}{c} 0.0244 \\ 0.0308 \\ 0.0384 \\ 0.0475 \\ 0.0582 \\ 0.0708 \\ 0.0853 \\ 0.1020 \\ 0.1210 \\ 0.1423 \end{array}$	$\begin{array}{c} 0.0301 \\ 0.0375 \\ 0.0465 \\ 0.0571 \\ 0.0694 \\ 0.0838 \\ 0.1003 \\ 0.1190 \end{array}$	$\begin{array}{cccc} 0.0233 & - & \\ 0.0294 & - & \\ 0.0367 & - & \\ 0.0455 & - & \\ 0.0559 & - & \\ 0.0681 & - & \\ 0.0823 & - & \\ 0.0985 & - & \\ 0.1170 & - & \\ 0.1379 & - & \\ \end{array}$	1.8 1.7 1.6 1.5 1.4 1.3 1.2
percentile rank or less) = area left of z	$\begin{array}{c} -0.9 \\ -0.8 \\ -0.7 \\ -0.6 \\ -0.5 \\ -0.4 \\ -0.3 \\ -0.2 \\ -0.1 \\ -0.0 \end{array}$	$\begin{array}{c} 0.1841 \\ 0.2119 \\ 0.2420 \\ 0.2743 \\ 0.3086 \\ 0.3446 \\ 0.3821 \\ 0.4207 \\ 0.4602 \\ 0.5000 \end{array}$	$\begin{array}{c} 0.1814 \\ 0.2090 \\ 0.2389 \\ 0.2710 \\ 0.3050 \\ 0.3409 \\ 0.3783 \\ 0.4168 \\ 0.4562 \\ 0.4960 \end{array}$	$\begin{array}{c} 0.1788 \\ 0.2061 \\ 0.2358 \\ 0.2676 \\ 0.3015 \\ 0.3373 \\ 0.3745 \\ 0.4129 \\ 0.4522 \\ 0.4920 \end{array}$	$\begin{array}{c} 0.1762 \\ 0.2033 \\ 0.2327 \\ 0.2644 \\ 0.2981 \\ 0.3336 \\ 0.3707 \\ 0.4090 \\ 0.4483 \\ 0.4880 \end{array}$	$\begin{array}{c} 0.1736 \\ 0.2005 \\ 0.2297 \\ 0.2611 \\ 0.2946 \\ 0.3300 \\ 0.3669 \\ 0.4052 \\ 0.4443 \\ 0.4840 \end{array}$	$\begin{array}{c} 0.1711 \\ 0.1977 \\ 0.2266 \\ 0.2579 \\ 0.2912 \\ 0.3264 \\ 0.3632 \\ 0.4013 \\ 0.4404 \\ 0.4801 \end{array}$	$\begin{array}{c} 0.1685 \\ 0.1949 \\ 0.2236 \\ 0.2546 \\ 0.2878 \\ 0.3228 \\ 0.3594 \\ 0.4364 \\ 0.4761 \end{array}$	$\begin{array}{c} 0.1660 \\ 0.1922 \\ 0.2207 \\ 0.2515 \\ 0.2844 \\ 0.3192 \\ 0.3557 \\ 0.3936 \\ 0.4325 \\ 0.4721 \end{array}$	$\begin{array}{c} 0.1635 \\ 0.1894 \\ 0.2177 \\ 0.2483 \\ 0.2810 \\ 0.3156 \\ 0.3520 \\ 0.3897 \\ 0.4286 \\ 0.4681 \end{array}$	$\begin{array}{c} 0.1611 & -0 \\ 0.1867 & -0 \\ 0.2148 & -0 \\ 0.2451 & -0 \\ 0.2776 & -0 \\ 0.3121 & -0 \\ 0.3483 & -0 \\ 0.3859 & -0 \\ 0.4247 & -0 \\ 0.4641 & -0 \\ \end{array}$	0.8 0.7 0.6 0.5 0.4 0.3 0.2
P(z)	$\begin{array}{c} 0.0 \\ 0.1 \\ 0.2 \\ 0.3 \\ 0.4 \\ 0.5 \\ 0.6 \\ 0.7 \\ 0.8 \\ 0.9 \end{array}$	$\begin{array}{c} 0.5000 \\ 0.5398 \\ 0.5793 \\ 0.6179 \\ 0.6554 \\ 0.6915 \\ 0.7257 \\ 0.7580 \\ 0.7881 \\ 0.8160 \end{array}$	$\begin{array}{c} 0.5040 \\ 0.5438 \\ 0.5832 \\ 0.6217 \\ 0.6591 \\ 0.6950 \\ 0.7291 \\ 0.7611 \\ 0.7910 \\ 0.8186 \end{array}$	$\begin{array}{c} 0.5080 \\ 0.5478 \\ 0.5871 \\ 0.6255 \\ 0.6627 \\ 0.6985 \\ 0.7324 \\ 0.7642 \\ 0.7939 \\ 0.8212 \end{array}$	$\begin{array}{c} 0.5120 \\ 0.5517 \\ 0.5910 \\ 0.6293 \\ 0.6664 \\ 0.7019 \\ 0.7356 \\ 0.7673 \\ 0.7967 \\ 0.8238 \end{array}$	$\begin{array}{c} 0.6700 \\ 0.7054 \\ 0.7389 \\ 0.7703 \end{array}$	0.5199 0.5596 0.5987 0.6368 0.6736 0.7088 0.7421 0.7734 0.8023 0.8290	$\begin{array}{c} 0.5239 \\ 0.5636 \\ 0.6026 \\ 0.6406 \\ 0.6772 \\ 0.7123 \\ 0.7454 \\ 0.7764 \\ 0.8051 \\ 0.8315 \end{array}$	$\begin{array}{c} 0.5279 \\ 0.5675 \\ 0.6064 \\ 0.6443 \\ 0.6808 \\ 0.7157 \\ 0.7486 \\ 0.7793 \\ 0.8079 \\ 0.8340 \end{array}$	$\begin{array}{c} 0.5319 \\ 0.5714 \\ 0.6103 \\ 0.6480 \\ 0.6844 \\ 0.7190 \\ 0.7517 \\ 0.7823 \\ 0.8106 \\ 0.8365 \end{array}$	0.5754 0.6141 0.6517 0.6879 0.7224 0.7549 0.7852 0.8133	0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8
use table to convert	1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8	$\begin{array}{c} 0.8414 \\ 0.8643 \\ 0.8849 \\ 0.9032 \\ 0.9193 \\ 0.9332 \\ 0.9452 \\ 0.9554 \\ 0.9641 \\ 0.9713 \end{array}$	$\begin{array}{c} 0.8438 \\ 0.8665 \\ 0.8869 \\ 0.9049 \\ 0.9207 \\ 0.9345 \\ 0.9463 \\ 0.9564 \\ 0.9648 \\ 0.9719 \end{array}$	$\begin{array}{c} 0.8462 \\ 0.8687 \\ 0.8888 \\ 0.9066 \\ 0.9222 \\ 0.9358 \\ 0.9474 \\ 0.9573 \\ 0.9656 \\ 0.9726 \end{array}$	$\begin{array}{c} 0.8485 \\ 0.8708 \\ 0.8907 \\ 0.9083 \\ 0.9237 \\ 0.9370 \\ 0.9485 \\ 0.9582 \\ 0.9664 \\ 0.9732 \end{array}$	$\begin{array}{c} 0.8509 \\ 0.8729 \\ 0.8925 \\ 0.9099 \\ 0.9251 \\ 0.9382 \\ 0.9495 \\ 0.9591 \\ 0.9671 \\ 0.9738 \end{array}$	$\begin{array}{c} 0.8532 \\ 0.8749 \\ 0.8944 \\ 0.9115 \\ 0.9265 \\ 0.9394 \\ 0.9505 \\ 0.9599 \\ 0.9678 \\ 0.9744 \end{array}$	$\begin{array}{c} 0.8554 \\ 0.8770 \\ 0.8962 \\ 0.9131 \\ 0.9279 \\ 0.9406 \\ 0.9515 \\ 0.9608 \\ 0.9686 \\ 0.9750 \end{array}$		$0.8810 \\ 0.8997$	0.8830 0.9015 0.9177 0.9319 0.9441 0.9545 0.9633 0.9706	1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8
standard units $\epsilon z = \frac{x - \mu}{\sigma}$	2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9	$\begin{array}{c} 0.9772 \\ 0.9821 \\ 0.9861 \\ 0.9893 \\ 0.9918 \\ 0.9938 \\ 0.9953 \\ 0.9965 \\ 0.9974 \\ 0.9981 \end{array}$	$\begin{array}{c} 0.9778 \\ 0.9826 \\ 0.9864 \\ 0.9896 \\ 0.9920 \\ 0.9940 \\ 0.9955 \\ 0.9966 \\ 0.9975 \\ 0.9982 \end{array}$	0.9783 0.9830 0.9868 0.9898 0.9922 0.9941 0.9956 0.9967 0.9976 0.9983	0.9788 0.9834 0.9871 0.9901 0.9925 0.9943 0.9957 0.9968 0.9977 0.9983	$\begin{array}{c} 0.9793 \\ 0.9838 \\ 0.9874 \\ 0.9903 \\ 0.9927 \\ 0.9945 \\ 0.9959 \\ 0.9969 \\ 0.9977 \\ 0.9984 \end{array}$	$\begin{array}{c} 0.9798 \\ 0.9842 \\ 0.9878 \\ 0.9906 \\ 0.9928 \\ 0.9946 \\ 0.9960 \\ 0.9970 \\ 0.9978 \\ 0.9984 \end{array}$	$\begin{array}{c} 0.9803 \\ 0.9846 \\ 0.9881 \\ 0.9908 \\ 0.9930 \\ 0.9948 \\ 0.9961 \\ 0.9971 \\ 0.9985 \end{array}$		0.9812 0.9854 0.9887 0.9913 0.9934 0.9951 0.9963 0.9973 0.9980 0.9986	0.9857 0.9890 0.9916 0.9936 0.9952 0.9964 0.9974 0.9981	2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9
standaı $z = \frac{z}{z}$	$\begin{array}{c} 3.0\\ 3.1\\ 3.2\\ 3.3\\ 3.4\\ \geq 3.50 \end{array}$	0.9986 0.9990 0.9993 0.9995 0.9997 0.0001	0.9987 0.9991 0.9993 0.9995 0.9997	0.9987 0.9991 0.9994 0.9995 0.9997	0.9988 0.9991 0.9994 0.9996 0.9997		0.9989 0.9992 0.9994 0.9996 0.9997	0.9989 0.9992 0.9994 0.9996 0.9997	0.9989 0.9992 0.9995 0.9996 0.9997	0.9990 0.9993 0.9995 0.9996 0.9997	0.9993 0.9995 0.9997	3.0 3.1 3.2 3.3 3.4
		0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	

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 Sunderland

symmetry: P(-z or less) = 1 - P(z or less)

F_Z table

	0.0	1.	.2	0.3	0.4	.5 .5	9.0	7.	8.0	6.0	1.0	-:	.2	ಭ	4.	5.	9:	7.	∞.	1.9	2.0	2.1	2.2	65	4.	٠ <u>٠</u>	9:	7:	∞.	6:	3.0	
		_	_			_	_	_				П	_	_			_	_	_						 ∠\	<u></u>	 ⊘	 ⊘	<u>α</u>			
60.	.536	.575	.614	.652	.688	.722	.755	.785	.813	.839	.862	.883	.901	.918	.932	.944	.954	.963	.971	.977	.982	986	986	.992	.994	.995	966	.997	.998	999	.999	60:
80.	.532	.571	.610	.648	.684	.719	.752	.782	.811	.836	.860	.881	.900	.916	.931	.943	.954	.962	.970	926.	.981	.985	686.	.991	.993	.995	966	266.	866.	999	.999	80:
.07	.528	292	909.	.644	.681	.716	.749	.779	808	.834	.858	.879	868.	.915	.929	.942	.953	.962	696.	926.	.981	.985	.988	.991	.993	.995	966.	266.	866.	666.	966.	.07
90.	.524	.564	.603	.641	229.	.712	.745	.776	.805	.831	.855	877	968.	.913	.928	.941	.952	.961	696.	.975	980	985	.988	.991	.993	.995	966.	266.	866.	866.	966.	90:
.05	.520	.560	.599	.637	.674	.709	.742	.773	.802	.829	.853	.875	.894	.911	.926	.939	.951	096.	896.	.974	.980	.984	.988	.991	.993	.995	966.	266.	866.	866.	666.	.05
.04	.516	.556	.595	.633	029.	.705	.739	.770	.800	.826	.851	.873	.893	.910	.925	.938	.949	.959	296.	.974	976.	.984	786.	.990	.993	.994	966.	766.	866.	866.	666.	.04
.03	.512	.552	.591	.629	999.	.702	.736	292.	797.	.824	.848	.871	.891	806:	.924	.937	.948	.958	996:	.973	976.	.983	786.	066.	.992	.994	966:	266.	866.	866.	966.	.03
.02	.508	.548	.587	.626	.663	869.	.732	.764	.794	.821	.846	869	888	206.	.922	.936	.947	.957	996.	.973	.978	.983	286.	990	.992	.994	966.	266.	866.	866.	666.	.02
.01	.504	.544	.583	.622	659	.695	.729	.761	.791	.819	.844	298.	788.	.905	.921	.934	.946	.926	.965	.972	.978	.983	986	.990	.992	.994	.995	266.	866.	866.	.999	.01
00:	.500	.540	.579	.618	.655	.691	.726	.758	.788	.816	.841	.864	.885	.903	.919	.933	.945	.955	.964	.971	.977	.982	986	686.	.992	.994	.995	266.	266.	866.	666.	00.
	0.0	0.1	0.2	0.3	0.4	0.5	9.0	0.7	8.0	6.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	

F_Z table

0.00 501 500 500 500 601 602 602 602 602 602 602 602 602 602 602 602 602 602 602 602 602 602 603 602 603 602 603 602 603 <th></th> <th>00.</th> <th>.01</th> <th>.02</th> <th>.03</th> <th>.04</th> <th>.05</th> <th>90.</th> <th>20.</th> <th>80.</th> <th>60:</th> <th></th>		00.	.01	.02	.03	.04	.05	90.	20.	80.	60:	
540 544 548 552 556 564 564 571 575 581 595 696 606 610 614 0 579 583 587 591 693 603 606 610 614 648 652 66 66 670 674 684 688 689	0.0	.500	.504	.508	.512	.516	.520	.524	.528	.532	.536	0.0
579 .583 .587 .591 .595 690 .600 .600 .601 .614 0 618 .622 .626 .629 .633 637 .641 .644 .648 .652 0 655 .659 .663 .666 .670 674 .677 .681 .684 .688 0 691 .695 .698 .702 .705 779 .712 .716 .719 .722 .0 772 .726 .729 .732 .736 .739 .742 .745 .745 .749 .752 .755 0 778 .761 .764 .767 .770 .770 .773 .776 .779 .782 .839 801 .891 .893 .891 .893 .891 .834 .836 .839 816 .819 .821 .824 .826 .829 .831 .834 .836 .839 .801 .891 .891 .892 .891 .892 .891 .893 .894 .896 .898 .900 .901 . 1 884 .867 .889 .891 .893 .894 .896 .898 .900 .901 . 1 885 .887 .889 .891 .893 .894 .896 .898 .990 .901 .910 .921 .922 .924 .925 .926 .926 .926 .926 .926 .926 .926 .926	0.1	.540	.544	.548	.552	.556	.560	.564	.567	.571	.575	0.1
618 .622 .626 .629 .633 .637 .641 .644 .648 .652 .655 .659 .663 .666 .670 .674 .677 .681 .684 .688 .651 .659 .663 .666 .670 .674 .677 .681 .684 .688 .691 .695 .698 .702 .705 .709 .712 .716 .719 .722 .726 .729 .732 .736 .739 .742 .745 .749 .752 .785 .78 .791 .794 .797 .800 .802 .805 .808 .811 .813 .816 .819 .821 .824 .826 .829 .831 .834 .836 .839 .841 .844 .846 .848 .851 .853 .855 .858 .860 .862 1 .864 .867 .869 .871 .873 .885 .887 .889 .891 .893 .894 .896 .898 .900 .901 .911 .913 .915 .916 .918 .903 .905 .907 .908 .910 .911 .913 .915 .916 .918 .919 .921 .922 .924 .925 .945 .946 .947 .948 .949 .951 .952 .953 .954 .954 .919 .921 .922 .924 .925 .955 .956 .957 .958 .959 .960 .961 .962 .969 .969 .967 .976 .968 .969 .969 .969 .969 .969 .969 .969	0.2	.579	.583	.587	.591	.595	.599	.603	909.	.610	.614	0.2
655 .659 .663 .666 .670 .674 .677 .681 .684 .688 691 .695 .693 .702 .705 .709 .712 .716 .719 .722 691 .695 .698 .702 .705 .709 .712 .716 .719 .722 726 .729 .732 .736 .739 .742 .745 .749 .752 .755 .726 .729 .732 .736 .739 .742 .745 .749 .782 .785 .78 .791 .794 .797 .800 .802 .805 .808 .811 .813 .816 .819 .821 .824 .826 .829 .831 .834 .836 .839 .841 .844 .846 .848 .851 .853 .855 .858 .860 .802 .841 .844 .846 .848 .851 .853 .855 .858 .860 .801 .841 .844 .846 .848 .851 .853 .855 .858 .860 .802 .885 .887 .889 .891 .893 .894 .896 .896 .991 .991 .903 .905 .907 .908 .910 .911 .913 .915 .916 .916 .919 .921 .922 .924 .925 .926 .928 .929 .931 .932 .945 .946 .947 .948 .949 .951 .952 .952 .953 .941 .962 .962 .962 .962 .962 .962 .962 .969 .969	0.3	.618	.622	.626	.629	.633	.637	.641	.644	.648	.652	0.3
691 .695 .698 .702 .705 .709 .712 .716 .719 .722 .709 .726 .729 .732 .736 .739 .742 .745 .749 .752 .755 .70 .728 .761 .764 .767 .770 .773 .776 .779 .782 .785 .811 .813 .81 .788 .791 .794 .797 .800 .802 .831 .834 .836 .839 .81 .813 .816 .819 .821 .824 .826 .829 .831 .834 .836 .839 .80 .864 .867 .869 .871 .873 .875 .877 .879 .881 .883 .11 .841 .844 .846 .848 .851 .853 .855 .855 .858 .860 .901 .901 .864 .867 .869 .871 .873 .875 .877 .879 .881 .883 .81 .883 .881 .883 .894 .896 .896 .990 .901 .901 .901 .91 .841 .844 .846 .848 .851 .853 .851 .852 .855 .858 .860 .862 .901 .901 .901 .901 .901 .901 .901 .901	0.4	.655	.659	.663	999.	029.	.674	.677	.681	.684	889.	0.4
726 726 739 742 745 749 752 755 76 758 761 764 767 770 773 776 779 782 785 758 761 764 767 770 773 776 779 782 785 778 761 764 767 770 776 779 782 785 816 819 821 822 885 886 880 881 883 881 884 886 880 881 881 883 881 882 880 881 881 881 882 881 882 881 882 881 882 881 882 881 881 881 881 881 881 881 881 882 881 882 881 881 881 881 881 881 881 881 881 881 881 881 881 881 881 881 882 882 882 882 882 882 88	0.5	.691	695	869.	.702	.705	.709	.712	.716	.719	.722	0.5
758 .761 .764 .767 .770 .773 .776 .779 .779 .778 .776 .779 .782 .785 788 .791 .794 .797 .800 .802 .805 .808 .811 .813 0 .816 .819 .821 .824 .826 .829 .831 .834 .836 .839 0 .841 .844 .846 .848 .851 .853 .855 .858 .860 .801 .800 .901 1 .864 .867 .869 .871 .873 .875 .877 .879 .881 .883 1 .864 .867 .869 .801 .893 .804 .896 .898 .900 .901 .901 .912 .912 .914 .925 .926 .928 .929 .931 .932 .903 .905 .907 .908 .910 .911 .913 .915 .916 .916 .918 .945 .946 .947 .948 .949 .951 .952 .953 .954 .944 .945 .946 .947 .948 .949 .951 .952 .953 .954 .954 .941 .945 .946 .947 .948 .949 .951 .952 .953 .954 .957 .977 .978 .971 .973 .973 .974 .977 .978 .978 .979 .979 .980 .980 .981 .981 .981 .981 .981 .982 .986 .988 .988 .988 .988 .988 .988 .988	9.0	.726	.729	.732	.736	.739	.742	.745	.749	.752	.755	9.0
3.84 .791 .794 .797 .800 .802 .805 .808 .811 .813 .834 .836 .839 0 .816 .819 .821 .824 .829 .831 .834 .836 .839 .939 .841 .844 .846 .848 .851 .852 .855 .858 .800 .901 .901 .864 .867 .889 .891 .893 .894 .896 .898 .900 .901 .901 .901 .901 .901 .901 .901 .901 .901 .901 .913 .915 .916 .943 .944 .941 .942 .943 .944 .941 .942 .943 .944 .947 .948 .941 .942 .943 .944 .	0.7	.758	.761	.764	.767	.770	.773	922.	.779	.782	.785	0.7
841 .844 .846 .824 .826 .831 .834 .836	8.0	.788	.791	.794	797.	.800	.802	.805	808	.811	.813	8.0
1.841 .846 .848 .851 .855 .858 .860 .862 .861 .861 .861 .864 .867 .869 .871 .875 .877 .879 .881 .883 .881 .883 .884 .886 .889 .891 .889 .891 .889 .889 .881 .883 .881 .886 .889 .891 .896 .896 .896 .990 .900 .901 .911 .912 .912 .912 .918 .918 .919 .921 .926 .928 .929 .931 .932 .941 .942	0.0	.816	.819	.821	.824	.826	.829	.831	.834	.836	.839	0.9
885 .887 .889 .891 .893 .894 .896 .898 .981 .883 .885 .887 .889 .891 .893 .894 .896 .898 .900 .901 .885 .887 .889 .891 .893 .894 .896 .898 .900 .901 .903 .905 .907 .908 .910 .911 .913 .915 .916 .918 .919 .921 .922 .924 .925 .926 .928 .929 .931 .932 .933 .934 .936 .937 .938 .939 .941 .942 .943 .944 .945 .946 .947 .948 .949 .951 .952 .953 .954 .954 .955 .956 .957 .958 .959 .960 .961 .962 .962 .963 .964 .965 .966 .966 .967 .968 .969 .969 .969 .970 .971 .971 .972 .973 .973 .974 .974 .975 .976 .976 .976 .976 .977 .978 .978 .979 .979 .980 .980 .981 .981 .982 .985 .985 .985 .986 .982 .983 .983 .984 .984 .985 .985 .985 .985 .985 .986 .986 .986 .987 .987 .987 .987 .987 .997 .991 .991 .991 .991 .991 .991 .99	1.0	.841	.844	.846	.848	.851	.853	.855	.858	.860	.862	1.0
885 .887 .889 .891 .893 .894 .896 .896 .900 .901 903 .905 .907 .908 .910 .911 .913 .915 .916 .918 .918 903 .905 .907 .908 .910 .911 .913 .915 .916 .916 .918 1919 .921 .922 .924 .925 .926 .928 .929 .931 .932 1933 .934 .936 .937 .938 .939 .941 .942 .943 .944 1945 .946 .947 .948 .949 .951 .952 .953 .954 .954 1955 .956 .956 .966 .967 .968 .969 .969 .969 .970 .971 .971 .972 .973 .973 .974 1971 .972 .973 .973 .974 .974 .975 .976 .976 .976 .977 .981 .982 .983 .983 .984 1982 .983 .983 .983 .984 .984 .985 .985 .985 .985 .986 .989 .989 .990 .990 .990 .990 .990 .991 .991 .99	1.1	.864	867	869	.871	.873	.875	877	.879	.881	.883	
1903 .905 .907 .908 .910 .911 .913 .915 .915 .916 .918 1919 .921 .922 .924 .925 .926 .928 .929 .931 .932 1919 .921 .922 .924 .925 .926 .928 .929 .931 .932 1933 .934 .936 .937 .938 .939 .941 .942 .943 .944 1945 .946 .947 .948 .949 .951 .952 .953 .954 .954 1945 .946 .947 .948 .949 .951 .952 .953 .954 .954 1945 .946 .947 .948 .949 .951 .952 .953 .954 .954 1955 .956 .956 .966 .966 .967 .967 .969 .969 .969 .970 .971 .1 1964 .965 .966 .966 .967 .967 .968 .969 .969 .969 .969 .969 .969 .969	1.2	.885	887	888.	.891	.893	.894	968.	868.	.900	.901	1.2
1919 .921 .922 .924 .925 .926 .928 .929 .931 .932 .933 .934 .936 .937 .938 .939 .941 .942 .943 .944 .945 .946 .947 .948 .949 .951 .952 .953 .954 .954 .955 .956 .957 .958 .959 .960 .961 .962 .962 .963 .97 .954 .965 .966 .966 .967 .968 .969 .969 .970 .971 .1 .971 .972 .973 .973 .974 .974 .975 .976 .976 .976 .976 .977 .1 .977 .978 .978 .973 .984 .984 .985 .988 .988 .989 .989 .980 .990 .990 .990 .990 .991 .991 .991 .99	1.3	.903	.905	506.	806.	.910	.911	.913	.915	.916	.918	1.3
133 .934 .936 .937 .938 .934 .936 .937 .938 .934 .934 .936 .937 .934 .934 .934 .934 .945 .945 .945 .945 .945 .945 .951 .952 .953 .954 .954 .954 .954 .956 .957 .977 .977 .974 .974 .974 .974 .974 .989 .988 .988 .988 .988 .988 .989 .989 .988 .988 .988 .988 .988 .988 .988 .988 .988 .988 .988 .989 .999 .999 .999 .999 .999 .999 .999 .999 .999 .999 .999 .999		.919	.921	.922	.924	.925	.926	.928	.929	.931	.932	1.4
145. 946. 947. 948. 949 951. 952. 953. 954. 954. 954 1955. 956. 957. 958. 959 960. 961. 962. 962. 963. 963 1 955. 956. 957. 958. 959 960. 961. 962. 962. 963. 963 1 964. 965. 966. 966. 967 968. 969. 969. 970. 971 1 971. 972. 973. 973. 974 974. 975. 976. 976. 976. 977 1 977. 978. 978. 979. 979 980. 980. 981. 981. 982 1 982. 983. 983. 983. 984. 984. 985. 985. 985. 986. 986 1 980. 990. 990. 990. 990. 990. 991. 991. 99	1.5	.933	.934	936	.937	.938	.939	.941	.942	.943	.944	1.5
1955 .956 .957 .958 .959 .960 .961 .962 .962 .963 .961 .962 .966 .966 .964 .965 .966 .966 .967 .968 .969 .969 .969 .970 .971 .1 .964 .965 .966 .966 .966 .967 .968 .969 .969 .970 .971 .971 .972 .973 .973 .974 .974 .975 .976 .976 .976 .976 .976 .976 .979 .980 .980 .981 .981 .981 .982 .981 .982 .983 .983 .984 .982 .988 .988 .988 .988 .988 .989 .989 .982 .988 .988 .989 .989 .989 .982 .988 .988 .989 .989 .999 .993 .993 .999 .999 .994 .994 .994 .994 .994 .994 .991 .991	1.6	.945	.946	.947	.948	.949	.951	.952	.953	.954	.954	1.6
364 . 365 . 366 . 366 . 367 . 368 . 369 . 369 . 370 . 371 371 . 372 . 373 . 373 . 374 . 374 . 375 . 376 . 376 . 377 . 378 . 373 . 374 . 374 . 375 . 376 . 376 . 376 . 377 . 378 . 378 . 379 . 389 . 389 . 381 . 381 . 382 . 382 . 383 . 383 . 384 . 384 . 385 . 385 . 385 . 386 . 386 . 386 . 388 . 388 . 388 . 388 . 388 . 389 . 389 . 389 . 389 . 399 . 390	1.7	.955	.956	.957	.958	959	096.	.961	.962	.962	.963	1.7
17. 972 .973 .973 .974 .974 .975 .976 .976 .977 .974 .975 .976 .976 .979 .974 .975 .976 .976 .979 .980 .980 .981 .981 .982 .982 .982 .983 .983 .983 .984 .985 .985 .985 .986 .986 .982 .983 .983 .984 .984 .985 .985 .985 .986 .989 .986 .986 .987 .987 .987 .987 .988 .988 .988 .989 .989	1.8	.964	.965	996.	996.	196.	896.	696.	696	.970	.971	1.8
2977 .978 .978 .979 .979 .980 .980 .981 .981 .982 .982 .982 .983 .983 .983 .984 .984 .985 .985 .985 .986 .986 .986 .985 .985 .985 .985 .986 .986 .986 .986 .987 .987 .987 .987 .988 .988 .988 .989 .989	1.9	.971	.972	.973	.973	974	.974	.975	926.	926.	.977	1.9
282 . 383 . 383 . 384 .984 . 985 . 985 . 985 . 986 . 986 .986 . 386 . 387 . 987 . 387 . 987 . 988 . 988 . 988 . 989 . 989 . 989 . 989 . 989 . 989 . 989 . 989 . 989 . 989 . 989 . 990 . 990 . 990 . 990 . 990 . 993 . 993 . 993 . 993 . 994 . 994 . 994 . 994 . 994 . 994 . 994 . 994 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 999 .	2.0	977	.978	.978	976	976.	.980	.980	.981	.981	.982	2.0
.986 .986 .986 .987 .987 .987 .988 .988 .988 .988 .989 .989 .989 .996 .996 .990 .990 .990 .991 .991 .991 .991 .992 .992 .992 .992 .992 .993 .993 .993 .993	2.1	.982	.983	.983	.983	.984	.984	.985	.985	985	986.	2.1
289 . 990 . 990 . 990 . 990 991 . 991 . 991 . 992 . 993 992 . 992 . 992 . 993 993 . 993 . 993 . 993 . 993 . 994 294 . 994 . 994 . 994 . 994 . 995 . 995 . 995 . 995 . 995 . 995 . 995 . 995 . 995 . 995 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 999 . 9	2.2	986.	986.	.987	.987	786.	.988	.988	.988	686.	686.	2.2
292 .992 .992 .993 .993 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .995 .995 .995 .995 .996 .996 .996 .996 .996 .996 .996 .996 .996 .996 .996 .996 .997 .997 .997 .997 .997 .997 .998 .998 .998 .998 .998 .998 .998 .998 .998 .999	2.3	986.	990	990	.990	980	.991	.991	.991	.991	.992	2.3
294 .994 .994 .994 .994 .994 .995 .995 .9	2.4	.992	.992	.992	.992	.993	.993	.993	.993	.993	.994	2.4
295 .995 .996 .996 .996 .996 .996 .996 .9	2.5	.994	.994	.994	.994	.994	.995	.995	.995	.995	.995	
2	2.6	.995	.995	966.	966.	966.	966.	966:	966.	966.	966.	2.6
298 .998 .998 .998 .998 .998 .998 .998 .	2.7	266.	766.	766.	266.	766.	266.	266.	266.	266.	766.	2.7
2 998 .998 .998 .998 .998 .998 .999 .999	2.8	266.	866.	866.	866.	866.	866.	866.	.998	866.	866.	
0. 999 .999 .999 .999 .999 .999 .999 .999	2.9	866.	866.	866.	866.	866.	866.	866.	.999	666.	666.	2.9
.01 .02 .03 .04 .05 .06 .07 .08	3.0	966.	999	999	.999	666.	966.	999	.999	999	666.	3.0
		00:	.01	.02	.03	.04	.05	90:	.07	80:	60:	

F_Z table

	0.0	1.	.2	0.3	0.4	.5 .5	9.0	7.	8.0	6.0	1.0	-:	.2	ಭ	4.	5.	9:	7.	∞.	1.9	2.0	2.1	2.2	65	4.	٠ <u>٠</u>	9:	7:	∞.	6:	3.0	
		_	_			_	_	_				П	_	_			_	_	_						 ∠\	<u></u>	 ⊘	 ⊘	<u>α</u>			
60.	.536	.575	.614	.652	.688	.722	.755	.785	.813	.839	.862	.883	.901	.918	.932	.944	.954	.963	.971	.977	.982	986	986	.992	.994	.995	966	.997	.998	999	.999	60:
80.	.532	.571	.610	.648	.684	.719	.752	.782	.811	.836	.860	.881	.900	.916	.931	.943	.954	.962	.970	926.	.981	.985	686.	.991	.993	.995	966	266.	866.	999	.999	80:
.07	.528	292	909.	.644	.681	.716	.749	.779	808	.834	.858	.879	868.	.915	.929	.942	.953	.962	696.	926.	.981	.985	.988	.991	.993	.995	966.	266.	866.	666.	966.	.07
90.	.524	.564	.603	.641	229.	.712	.745	.776	.805	.831	.855	877	968.	.913	.928	.941	.952	.961	696.	.975	980	985	.988	.991	.993	.995	966.	266.	866.	866.	966.	90:
.05	.520	.560	.599	.637	.674	.709	.742	.773	.802	.829	.853	.875	.894	.911	.926	.939	.951	096.	896.	.974	.980	.984	.988	.991	.993	.995	966.	266.	866.	866.	666.	.05
.04	.516	.556	.595	.633	029.	.705	.739	.770	.800	.826	.851	.873	.893	.910	.925	.938	.949	.959	296.	.974	976.	.984	786.	.990	.993	.994	966.	766.	866.	866.	666.	.04
.03	.512	.552	.591	.629	999.	.702	.736	292.	797.	.824	.848	.871	.891	806:	.924	.937	.948	.958	996:	.973	976.	.983	786.	066.	.992	.994	966:	266.	866.	866.	966.	.03
.02	.508	.548	.587	.626	.663	869.	.732	.764	.794	.821	.846	869	888	206.	.922	.936	.947	.957	996.	.973	.978	.983	286.	990	.992	.994	966.	266.	866.	866.	666.	.02
.01	.504	.544	.583	.622	659	.695	.729	.761	.791	.819	.844	298.	788.	.905	.921	.934	.946	.926	.965	.972	.978	.983	986	.990	.992	.994	.995	266.	866.	866.	.999	.01
00:	.500	.540	.579	.618	.655	.691	.726	.758	.788	.816	.841	.864	.885	.903	.919	.933	.945	.955	.964	.971	.977	.982	986	686.	.992	.994	.995	266.	266.	866.	666.	00.
	0.0	0.1	0.2	0.3	0.4	0.5	9.0	0.7	8.0	6.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	

F_Z table

0.00 501 500 500 500 601 602 602 602 602 602 602 602 602 602 602 602 602 602 602 602 602 602 603 602 603 602 603 602 603 <th></th> <th>00.</th> <th>.01</th> <th>.02</th> <th>.03</th> <th>.04</th> <th>.05</th> <th>90.</th> <th>20.</th> <th>80.</th> <th>60:</th> <th></th>		00.	.01	.02	.03	.04	.05	90.	20.	80.	60:	
540 544 548 552 556 564 564 571 575 581 595 696 606 610 614 0 579 583 587 591 693 603 606 610 614 648 652 66 66 670 674 684 688 689	0.0	.500	.504	.508	.512	.516	.520	.524	.528	.532	.536	0.0
579 .583 .587 .591 .595 690 .600 .600 .601 .614 0 618 .622 .626 .629 .633 637 .641 .644 .648 .652 0 655 .659 .663 .666 .670 674 .677 .681 .684 .688 0 691 .695 .698 .702 .705 779 .712 .716 .719 .722 .0 772 .726 .729 .732 .736 .739 .742 .745 .745 .749 .752 .755 0 778 .761 .764 .767 .770 .770 .773 .776 .779 .782 .839 801 .891 .893 .891 .893 .891 .834 .836 .839 816 .819 .821 .824 .826 .829 .831 .834 .836 .839 .801 .891 .891 .892 .891 .892 .891 .893 .894 .896 .898 .900 .901 . 1 884 .867 .889 .891 .893 .894 .896 .898 .900 .901 . 1 885 .887 .889 .891 .893 .894 .896 .898 .990 .901 .910 .921 .922 .924 .925 .926 .926 .926 .926 .926 .926 .926 .926	0.1	.540	.544	.548	.552	.556	.560	.564	.567	.571	.575	0.1
618 .622 .626 .629 .633 .637 .641 .644 .648 .652 .655 .659 .663 .666 .670 .674 .677 .681 .684 .688 .651 .659 .663 .666 .670 .674 .677 .681 .684 .688 .691 .695 .698 .702 .705 .709 .712 .716 .719 .722 .726 .729 .732 .736 .739 .742 .745 .749 .752 .785 .78 .791 .794 .797 .800 .802 .805 .808 .811 .813 .816 .819 .821 .824 .826 .829 .831 .834 .836 .839 .841 .844 .846 .848 .851 .853 .855 .858 .860 .862 1 .864 .867 .869 .871 .873 .885 .887 .889 .891 .893 .894 .896 .898 .900 .901 .911 .913 .915 .916 .918 .903 .905 .907 .908 .910 .911 .913 .915 .916 .918 .919 .921 .922 .924 .925 .945 .946 .947 .948 .949 .951 .952 .953 .954 .954 .919 .921 .922 .924 .925 .955 .956 .957 .958 .959 .960 .961 .962 .969 .969 .967 .976 .968 .969 .969 .969 .969 .969 .969 .969	0.2	.579	.583	.587	.591	.595	.599	.603	909.	.610	.614	0.2
655 .659 .663 .666 .670 .674 .677 .681 .684 .688 691 .695 .693 .702 .705 .709 .712 .716 .719 .722 691 .695 .698 .702 .705 .709 .712 .716 .719 .722 726 .729 .732 .736 .739 .742 .745 .749 .752 .755 .726 .729 .732 .736 .739 .742 .745 .749 .782 .785 .78 .791 .794 .797 .800 .802 .805 .808 .811 .813 .816 .819 .821 .824 .826 .829 .831 .834 .836 .839 .841 .844 .846 .848 .851 .853 .855 .858 .860 .802 .841 .844 .846 .848 .851 .853 .855 .858 .860 .801 .841 .844 .846 .848 .851 .853 .855 .858 .860 .802 .885 .887 .889 .891 .893 .894 .896 .896 .991 .991 .903 .905 .907 .908 .910 .911 .913 .915 .916 .916 .919 .921 .922 .924 .925 .926 .928 .929 .931 .932 .945 .946 .947 .948 .949 .951 .952 .952 .953 .941 .962 .962 .962 .962 .962 .962 .962 .969 .969	0.3	.618	.622	.626	.629	.633	.637	.641	.644	.648	.652	0.3
691 .695 .698 .702 .705 .709 .712 .716 .719 .722 .709 .726 .729 .732 .736 .739 .742 .745 .749 .752 .755 .70 .728 .761 .764 .767 .770 .773 .776 .779 .782 .785 .811 .813 .81 .788 .791 .794 .797 .800 .802 .831 .834 .836 .839 .81 .813 .816 .819 .821 .824 .826 .829 .831 .834 .836 .839 .80 .864 .867 .869 .871 .873 .875 .877 .879 .881 .883 .11 .841 .844 .846 .848 .851 .853 .855 .855 .858 .860 .901 .901 .864 .867 .869 .871 .873 .875 .877 .879 .881 .883 .81 .883 .881 .883 .894 .896 .896 .990 .901 .901 .901 .91 .841 .844 .846 .848 .851 .853 .851 .852 .855 .858 .860 .862 .901 .901 .901 .901 .901 .901 .901 .901	0.4	.655	.659	.663	999.	029.	.674	.677	.681	.684	889.	0.4
726 726 739 742 745 749 752 755 76 758 761 764 767 770 773 776 779 782 785 758 761 764 767 770 773 776 779 782 785 778 761 764 767 770 776 779 782 785 816 819 821 822 885 886 880 881 883 881 884 886 880 881 881 883 881 882 880 881 881 881 882 881 882 881 882 881 882 881 882 881 881 881 881 881 881 881 881 882 881 882 881 881 881 881 881 881 881 881 881 881 881 881 881 881 881 881 882 882 882 882 882 882 88	0.5	.691	695	869.	.702	.705	.709	.712	.716	.719	.722	0.5
758 .761 .764 .767 .770 .773 .776 .779 .779 .778 .776 .779 .782 .785 788 .791 .794 .797 .800 .802 .805 .808 .811 .813 0 .816 .819 .821 .824 .826 .829 .831 .834 .836 .839 0 .841 .844 .846 .848 .851 .853 .855 .858 .860 .801 .800 .901 1 .864 .867 .869 .871 .873 .875 .877 .879 .881 .883 1 .864 .867 .869 .801 .893 .804 .896 .898 .900 .901 .901 .912 .912 .914 .925 .926 .928 .929 .931 .932 .903 .905 .907 .908 .910 .911 .913 .915 .916 .916 .918 .945 .946 .947 .948 .949 .951 .952 .953 .954 .944 .945 .946 .947 .948 .949 .951 .952 .953 .954 .954 .941 .945 .946 .947 .948 .949 .951 .952 .953 .954 .957 .977 .978 .971 .973 .973 .974 .977 .978 .978 .979 .979 .980 .980 .981 .981 .981 .981 .981 .982 .986 .988 .988 .988 .988 .988 .988 .988	9.0	.726	.729	.732	.736	.739	.742	.745	.749	.752	.755	9.0
3.84 .791 .794 .797 .800 .802 .805 .808 .811 .813 .834 .836 .839 0 .816 .819 .821 .824 .829 .831 .834 .836 .839 .939 .841 .844 .846 .848 .851 .852 .855 .858 .800 .901 .901 .864 .867 .889 .891 .893 .894 .896 .898 .900 .901 .901 .901 .901 .901 .901 .901 .901 .901 .901 .913 .915 .916 .943 .944 .941 .942 .943 .944 .941 .942 .943 .944 .947 .948 .941 .942 .943 .944 .	0.7	.758	.761	.764	.767	.770	.773	922.	.779	.782	.785	0.7
841 .844 .846 .824 .826 .831 .834 .836	8.0	.788	.791	.794	797.	.800	.802	.805	808	.811	.813	8.0
1.841 .846 .848 .851 .855 .858 .860 .862 .861 .861 .861 .864 .867 .869 .871 .875 .877 .879 .881 .883 .881 .883 .884 .886 .889 .891 .889 .891 .889 .889 .881 .883 .881 .886 .889 .891 .896 .896 .896 .990 .900 .901 .911 .912 .912 .912 .918 .918 .919 .921 .926 .928 .929 .931 .932 .941 .942	0.0	.816	.819	.821	.824	.826	.829	.831	.834	.836	.839	0.9
885 .887 .889 .891 .893 .894 .896 .898 .981 .883 .885 .887 .889 .891 .893 .894 .896 .898 .900 .901 .885 .887 .889 .891 .893 .894 .896 .898 .900 .901 .903 .905 .907 .908 .910 .911 .913 .915 .916 .918 .919 .921 .922 .924 .925 .926 .928 .929 .931 .932 .933 .934 .936 .937 .938 .939 .941 .942 .943 .944 .945 .946 .947 .948 .949 .951 .952 .953 .954 .954 .955 .956 .957 .958 .959 .960 .961 .962 .962 .963 .964 .965 .966 .966 .967 .968 .969 .969 .969 .970 .971 .971 .972 .973 .973 .974 .974 .975 .976 .976 .976 .976 .977 .978 .978 .979 .979 .980 .980 .981 .981 .982 .985 .985 .985 .986 .982 .983 .983 .984 .984 .985 .985 .985 .985 .985 .986 .986 .986 .987 .987 .987 .987 .987 .997 .991 .991 .991 .991 .991 .991 .99	1.0	.841	.844	.846	.848	.851	.853	.855	.858	.860	.862	1.0
885 .887 .889 .891 .893 .894 .896 .896 .900 .901 903 .905 .907 .908 .910 .911 .913 .915 .916 .918 .918 903 .905 .907 .908 .910 .911 .913 .915 .916 .916 .918 1919 .921 .922 .924 .925 .926 .928 .929 .931 .932 1933 .934 .936 .937 .938 .939 .941 .942 .943 .944 1945 .946 .947 .948 .949 .951 .952 .953 .954 .954 1955 .956 .956 .966 .967 .968 .969 .969 .969 .970 .971 .971 .972 .973 .973 .974 1971 .972 .973 .973 .974 .974 .975 .976 .976 .976 .977 .981 .982 .983 .983 .984 1982 .983 .983 .983 .984 .984 .985 .985 .985 .985 .986 .989 .989 .990 .990 .990 .990 .990 .991 .991 .99	1.1	.864	867	869	.871	.873	.875	877	.879	.881	.883	
1903 .905 .907 .908 .910 .911 .913 .915 .915 .916 .918 1919 .921 .922 .924 .925 .926 .928 .929 .931 .932 1919 .921 .922 .924 .925 .926 .928 .929 .931 .932 1933 .934 .936 .937 .938 .939 .941 .942 .943 .944 1945 .946 .947 .948 .949 .951 .952 .953 .954 .954 1945 .946 .947 .948 .949 .951 .952 .953 .954 .954 1945 .946 .947 .948 .949 .951 .952 .953 .954 .954 1955 .956 .956 .966 .966 .967 .967 .969 .969 .969 .970 .971 .1 1964 .965 .966 .966 .967 .967 .968 .969 .969 .969 .969 .969 .969 .969	1.2	.885	887	888.	.891	.893	.894	968.	868.	.900	.901	1.2
1919 .921 .922 .924 .925 .926 .928 .929 .931 .932 .933 .934 .936 .937 .938 .939 .941 .942 .943 .944 .945 .946 .947 .948 .949 .951 .952 .953 .954 .954 .955 .956 .957 .958 .959 .960 .961 .962 .962 .963 .97 .954 .965 .966 .966 .967 .968 .969 .969 .970 .971 .1 .971 .972 .973 .973 .974 .974 .975 .976 .976 .976 .976 .977 .1 .977 .978 .978 .973 .984 .984 .985 .988 .988 .989 .989 .980 .990 .990 .990 .990 .991 .991 .991 .99	1.3	.903	.905	506.	806.	.910	.911	.913	.915	.916	.918	1.3
133 .934 .936 .937 .938 .934 .936 .937 .938 .934 .934 .936 .937 .934 .934 .934 .934 .945 .945 .945 .945 .945 .945 .951 .952 .953 .954 .954 .954 .954 .956 .957 .977 .977 .974 .974 .974 .974 .974 .989 .988 .988 .988 .988 .988 .989 .989 .988 .988 .988 .988 .988 .988 .988 .988 .988 .988 .988 .989 .999 .999 .999 .999 .999 .999 .999 .999 .999 .999 .999 .999		.919	.921	.922	.924	.925	.926	.928	.929	.931	.932	1.4
145. 946. 947. 948. 949 951. 952. 953. 954. 954. 954 1955. 956. 957. 958. 959 960. 961. 962. 962. 963. 963 1 955. 956. 957. 958. 959 960. 961. 962. 962. 963. 963 1 964. 965. 966. 966. 967 968. 969. 969. 970. 971 1 971. 972. 973. 973. 974 974. 975. 976. 976. 976. 977 1 977. 978. 978. 979. 979 980. 980. 981. 981. 982 1 982. 983. 983. 983. 984. 984. 985. 985. 985. 986. 986 1 980. 990. 990. 990. 990. 990. 991. 991. 99	1.5	.933	.934	936	.937	.938	.939	.941	.942	.943	.944	1.5
1955 .956 .957 .958 .959 .960 .961 .962 .962 .963 .961 .962 .966 .966 .964 .965 .966 .966 .967 .968 .969 .969 .969 .970 .971 .1 .964 .965 .966 .966 .966 .967 .968 .969 .969 .970 .971 .971 .972 .973 .973 .974 .974 .975 .976 .976 .976 .976 .976 .976 .979 .980 .980 .981 .981 .981 .982 .981 .982 .983 .983 .984 .982 .988 .988 .988 .988 .988 .989 .989 .982 .988 .988 .989 .989 .989 .982 .988 .988 .989 .989 .999 .993 .993 .999 .999 .994 .994 .994 .994 .994 .994 .991 .991	1.6	.945	.946	.947	.948	.949	.951	.952	.953	.954	.954	1.6
364 . 365 . 366 . 366 . 367 . 368 . 369 . 369 . 370 . 371 371 . 372 . 373 . 373 . 374 . 374 . 375 . 376 . 376 . 377 . 378 . 373 . 374 . 374 . 375 . 376 . 376 . 376 . 377 . 378 . 378 . 379 . 389 . 389 . 381 . 381 . 382 . 382 . 383 . 383 . 384 . 384 . 385 . 385 . 385 . 386 . 386 . 386 . 388 . 388 . 388 . 388 . 388 . 389 . 389 . 389 . 389 . 399 . 390	1.7	.955	.956	.957	.958	959	096.	.961	.962	.962	.963	1.7
17. 972 .973 .973 .974 .974 .975 .976 .976 .977 .974 .975 .976 .976 .979 .974 .975 .976 .976 .979 .980 .980 .981 .981 .982 .982 .982 .983 .983 .983 .984 .985 .985 .985 .986 .986 .982 .983 .983 .984 .984 .985 .985 .985 .986 .989 .986 .986 .987 .987 .987 .987 .988 .988 .988 .989 .989	1.8	.964	.965	996.	996.	196.	896.	696.	696	.970	.971	1.8
2977 .978 .978 .979 .979 .980 .980 .981 .981 .982 .982 .982 .983 .983 .983 .984 .984 .985 .985 .985 .986 .986 .986 .985 .985 .985 .985 .986 .986 .986 .986 .987 .987 .987 .987 .988 .988 .988 .989 .989	1.9	.971	.972	.973	.973	974	.974	.975	926.	926.	977	1.9
282 . 383 . 383 . 384 .984 . 985 . 985 . 985 . 986 . 986 .986 . 386 . 387 . 987 . 387 . 987 . 988 . 988 . 988 . 989 . 989 . 989 . 989 . 989 . 989 . 989 . 989 . 989 . 989 . 989 . 990 . 990 . 990 . 990 . 990 . 993 . 993 . 993 . 993 . 994 . 994 . 994 . 994 . 994 . 994 . 994 . 994 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 999 .	2.0	977	.978	.978	976	976.	.980	.980	.981	.981	.982	2.0
.986 .986 .986 .987 .987 .987 .988 .988 .988 .988 .989 .989 .989 .996 .996 .990 .990 .990 .991 .991 .991 .991 .992 .992 .992 .992 .992 .993 .993 .993 .993	2.1	.982	.983	.983	.983	.984	.984	.985	.985	985	986.	2.1
289 . 990 . 990 . 990 . 990 991 . 991 . 991 . 992 . 993 992 . 992 . 992 . 993 993 . 993 . 993 . 993 . 993 . 994 294 . 994 . 994 . 994 . 994 . 995 . 995 . 995 . 995 . 995 . 995 . 995 . 995 . 995 . 995 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 996 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 997 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 998 . 999 . 9	2.2	986.	986.	.987	.987	786.	.988	.988	.988	686.	686.	2.2
292 .992 .992 .993 .993 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .994 .995 .995 .995 .995 .996 .996 .996 .996 .996 .996 .996 .996 .996 .996 .996 .996 .997 .997 .997 .997 .997 .997 .998 .998 .998 .998 .998 .998 .998 .998 .998 .999	2.3	986.	990	990	.990	990	.991	.991	.991	.991	.992	2.3
294 .994 .994 .994 .994 .994 .995 .995 .9	2.4	.992	.992	.992	.992	.993	.993	.993	.993	.993	.994	2.4
295 .995 .996 .996 .996 .996 .996 .996 .9	2.5	.994	.994	.994	.994	.994	.995	.995	.995	.995	.995	
2	2.6	.995	995	966.	966.	966.	966.	966:	966.	966.	966.	2.6
298 .998 .998 .998 .998 .998 .998 .998 .	2.7	266.	766.	766.	266.	766.	266.	266.	266.	266.	766.	2.7
2 998 .998 .998 .998 .998 .998 .999 .999	2.8	266.	866.	866.	866.	866.	866.	866.	.998	866.	866.	
0. 999 .999 .999 .999 .999 .999 .999 .999	2.9	866.	866.	866.	866.	866.	866.	866.	.999	666.	666.	2.9
.01 .02 .03 .04 .05 .06 .07 .08	3.0	966.	999	999	.999	666.	966.	999	.999	999	666.	3.0
		00:	.01	.02	.03	.04	.05	90:	.07	80:	60:	