## TABLAS ESTADÍSTICAS.

ESTADÍSTICA I 2.

Tabla 1
Función de Distribución Binomial

						P						
n	X	0.01	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
2	0	0.9801	0.9025	0.8100	0.7225	0.6400	0.5625	0.4900	0.4225	0.3600	0.3025	0.2500
	1	0.9999	0.9975	0.9900	0.9775	0.9600	0.9375	0.9100	0.8775	0.8400	0.7975	0.7500
	2	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
3	0	0.9703	0.8574	0.7290	0.6141	0.5120	0.4219	0.3430	0.2746	0.2160	0.1664	0.1250
	1	0.9997	0.9928	0.9720	0.9392	0.8960	0.8438	0.7840	0.7183	0.6480	0.5748	0.5000
	2 3	1.0000	0.9999	0.9990	0.9966 1.0000	0.9920	0.9844 1.0000	0.9730 1.0000	0.9571 1.0000	0.9360	0.9089 1.0000	0.8750 1.0000
4		0.9606	0.8145	0.6561	0.5220	0.4096	0.3164	0.2401	0.1785	0.1296	0.0915	0.0625
4	0 1	0.9000	0.9860	0.0301	0.3220	0.4090	0.7383	0.6517	0.1783	0.1290	0.3910	0.0023
	2	1.0000	0.9995	0.9963	0.9880	0.9728	0.9492	0.9163	0.8735	0.8208	0.7585	0.6875
	3	1.0000	1.0000	0.9999	0.9995	0.9984	0.9961	0.9919	0.9850	0.9744	0.9590	0.9375
	4	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
5	0	0.9510	0.7738	0.5905	0.4437	0.3277	0.2373	0.1681	0.1160	0.0778	0.0503	0.0313
	1	0.9990	0.9774	0.9185	0.8352	0.7373	0.6328	0.5282	0.4284	0.3370	0.2562	0.1875
	2	1.0000	0.9988	0.9914 0.9995	0.9734 0.9978	0.9421 0.9933	0.8965 0.9844	0.8369 0.9692	0.7648 0.9460	0.6826 0.9130	0.5931 0.8688	0.5000 0.8125
	4	1.0000	1.0000	1.0000	0.9999	0.9997	0.9990	0.9092	0.9400	0.9130	0.9815	0.9688
	5	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
6	0	0.9415	0.7351	0.5314	0.3771	0.2621	0.1780	0.1176	0.0754	0.0467	0.0277	0.0156
	1	0.9985	0.9672	0.8857	0.7765	0.6554	0.5339	0.4202	0.3191	0.2333	0.1636	0.1094
	2	1.0000	0.9978	0.9842	0.9527	0.9011	0.8306	0.7443	0.6471	0.5443	0.4415	0.3438
	3	1.0000 1.0000	0.9999	0.9987 0.9999	0.9941 0.9996	0.9830 0.9984	0.9624 0.9954	0.9295 0.9891	0.8826 0.9777	0.8208 0.9590	0.7447 0.9308	0.6563 0.8906
	5	1.0000	1.0000	1.0000	1.0000	0.9999	0.9934	0.9993	0.9777	0.9390	0.9308	0.8900
	6	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
7	0	0.9321	0.6983	0.4783	0.3206	0.2097	0.1335	0.0824	0.0490	0.0280	0.0152	0.0078
	1	0.9980	0.9556	0.8503	0.7166	0.5767	0.4449	0.3294	0.2338	0.1586	0.1024	0.0625
	2	1.0000	0.9962	0.9743	0.9262	0.8520	0.7564	0.6471	0.5323	0.4199	0.3164	0.2266
	3	1.0000	0.9998	0.9973	0.9879	0.9667	0.9294	0.8740	0.8002	0.7102	0.6083	0.5000
	4	1.0000	1.0000	0.9998	0.9988	0.9953	0.9871	0.9712	0.9444	0.9037	0.8471	0.7734
	5	1.0000	1.0000	1.0000	0.9999	0.9996 1.0000	0.9987	0.9962 0.9998	0.9910 0.9994	0.9812 0.9984	0.9643	0.9375 0.9922
	6 7	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
8	0	0.9227	0.6634	0.4305	0.2725	0.1678	0.1001	0.0576	0.0319	0.0168	0.0084	0.0039
0	1	0.9973	0.9428	0.4303	0.6572	0.5033	0.3671	0.2553	0.1691	0.1064	0.0632	0.0352
	2	0.9999	0.9942	0.9619	0.8948	0.7969	0.6785	0.5518	0.4278	0.3154	0.2201	0.1445
	3	1.0000	0.9996	0.9950	0.9786	0.9437	0.8862	0.8059	0.7064	0.5941	0.4770	0.3633
	4	1.0000	1.0000	0.9996	0.9971	0.9896	0.9727	0.9420	0.8939	0.8263	0.7396	0.6367
	5	1.0000	1.0000	1.0000	0.9998	0.9988	0.9958	0.9887	0.9747	0.9502	0.9115	0.8555
	6	1.0000	1.0000	1.0000	1.0000	0.9999	0.9996	0.9987	0.9964	0.9915	0.9819	0.9648
	7	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9993	0.9983	0.9961
_	8	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9	0	0.9135	0.6302	0.3874	0.2316	0.1342	0.0751	0.0404	0.0207	0.0101	0.0046	0.0020
	1	0.9966	0.9288	0.7748	0.5995	0.4362	0.3003	0.1960	0.1211	0.0705	0.0385	0.0195
	2 3	1.0000	0.9916 0.9994	0.9470 0.9917	0.8591	0.7382 0.9144	0.6007 0.8343	0.4628 0.7297	0.3373 0.6089	0.2318 0.4826	0.1495 0.3614	0.0898 0.2539
	3 4	1.0000	1.0000	0.9917	0.9944	0.9144	0.8543	0.7297	0.8283	0.4820	0.6214	0.2339
	5	1.0000	1.0000	0.9999	0.9994	0.9969	0.9900	0.9747	0.0263	0.9006	0.8342	0.7461
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n	X	0.01	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
9	6	1.0000	1.0000	1.0000	1.0000	0.9997	0.9987	0.9957	0.9888	0.9750	0.9502	0.9102
	7	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9996	0.9986	0.9962	0.9909	0.9805
	8	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9992	0.9980
4.0	9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10	0	0.9044	0.5987	0.3487	0.1969	0.1074	0.0563	0.0282	0.0135	0.0060	0.0025	0.0010
	1	0.9957	0.9139	0.7361	0.5443	0.3758	0.2440	0.1493	0.0860	0.0464	0.0233	0.0107
	2	0.9999	0.9885	0.9298	0.8202	0.6778	0.5256	0.3828	0.2616	0.1673	0.0996	0.0547
	3	1.0000	0.9990	0.9872	0.9500	0.8791	0.7759	0.6496	0.5138	0.3823	0.2660	0.1719
	4	1.0000	0.9999	0.9984	0.9901	0.9672	0.9219	0.8497	0.7515	0.6331	0.5044	0.3770
	5	1.0000	1.0000	0.9999	0.9986	0.9936	0.9803	0.9527	0.9051	0.8338	0.7384	0.6230
	6	1.0000	1.0000	1.0000	0.9999	0.9991	0.9965	0.9894 0.9984	0.9740	0.9452 0.9877	0.8980 0.9726	0.8281
	7	1.0000	1.0000	1.0000	1.0000	0.9999	1.0000	0.9984	0.9952	0.9877	0.9726	0.9453 0.9893
	8	1.0000		1.0000	1.0000			1.0000	0.9995	0.9963	0.9933	
	9		1.0000		1.0000	1.0000	1.0000					0.9990
11	10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11	0	0.8953	0.5688	0.3138	0.1673	0.0859	0.0422	0.0198	0.0088	0.0036	0.0014	0.0005
	1	0.9948	0.8981	0.6974	0.4922	0.3221 0.6174	0.1971	0.1130	0.0606	0.0302	0.0139	0.0059
	2	0.9998	0.9848 0.9984	0.9104 0.9815	0.7788		0.4552	0.3127	0.2001 0.4256	0.1189	0.0652	0.0327
	3	1.0000	0.9984	0.9813	0.9306 0.9841	0.8389 0.9496	0.7133	0.5696	0.4230	0.2963	0.1911	0.1133
	4	1.0000	1.0000	0.9972	0.9841	0.9490	0.8854 0.9657	0.7897 0.9218	0.8513	0.5328 0.7535	0.3971 0.6331	0.2744 0.5000
	5	1.0000	1.0000	1.0000	0.9973	0.9880	0.9037	0.9218	0.8313	0.7333	0.8262	0.7256
	6	1.0000	1.0000	1.0000	1.0000	0.9998	0.9924	0.9764	0.9499	0.9000	0.8202	0.7230
	7	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9937	0.9878	0.9707	0.9390	0.8607
	8 9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9941	0.9832	0.9941
	9 10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9995
			1.0000	1.0000		1.0000			1.0000	1.0000	1.0000	1.0000
12	11	1.0000 0.8864	0.5404	0.2824	1.0000 0.1422	0.0687	1.0000 0.0317	1.0000 0.0138	0.0057	0.0022	0.0008	0.0002
14	0 1	0.8804	0.8816	0.2824	0.1422	0.0087	0.0317	0.0138	0.0037	0.0022	0.0008	0.0002
	2	0.9998	0.9804	0.8891	0.7358	0.5583	0.3907	0.0630	0.1513	0.0130	0.0003	0.0032
	3	1.0000	0.9978	0.9744	0.9078	0.7946	0.6488	0.4925	0.1313	0.2253	0.1345	0.0133
	4	1.0000	0.9998	0.9957	0.9761	0.9274	0.8424	0.7237	0.5833	0.4382	0.3044	0.1938
	5	1.0000	1.0000	0.9995	0.9954	0.9806	0.9456	0.8822	0.7873	0.6652	0.5269	0.3872
	6	1.0000	1.0000	0.9999	0.9993	0.9961	0.9857	0.9614	0.9154	0.8418	0.7393	0.6128
	7	1.0000	1.0000	1.0000	0.9999	0.9994	0.9972	0.9905	0.9745	0.9427	0.8883	0.8062
	8	1.0000	1.0000	1.0000	1.0000	0.9999	0.9996	0.9983	0.9944	0.9847	0.9644	0.9270
	9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9992	0.9972	0.9921	0.9807
	10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9989	0.9968
	11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
	12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
13	0	0.8775	0.5133	0.2542	0.1209	0.0550	0.0238	0.0097	0.0037	0.0013	0.0004	0.0001
	1	0.9928	0.8646	0.6213	0.3983	0.2336	0.1267	0.0637	0.0296	0.0126	0.0049	0.0017
	2	0.9997	0.9755	0.8661	0.6920	0.5017	0.3326	0.2025	0.1132	0.0579	0.0269	0.0112
	3	1.0000	0.9969	0.9658	0.8820	0.7473	0.5843	0.4206	0.2783	0.1686	0.0929	0.0461
	4	1.0000	0.9997	0.9935	0.9658	0.9009	0.7940	0.6543	0.5005	0.3530	0.2279	0.1334
	5	1.0000	1.0000	0.9991	0.9925	0.9700	0.9198	0.8346	0.7159	0.5744	0.4268	0.2905
	6	1.0000	1.0000	0.9999	0.9987	0.9930	0.9757	0.9376	0.8705	0.7712	0.6437	0.5000
	7	1.0000	1.0000	1.0000	0.9998	0.9988	0.9944	0.9818	0.9538	0.9023	0.8212	0.7095
	8	1.0000	1.0000	1.0000	1.0000	0.9998	0.9990	0.9960	0.9874	0.9679	0.9302	0.8666
	9	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9993	0.9975	0.9922	0.9797	0.9539
	10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9987	0.9959	0.9888
	11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9995	0.9983
	12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
		l										

ESTADÍSTICA I 4.

		P 025 040 045 050												
n	X	0.01	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50		
14	0	0.8687	0.4877	0.2288	0.1028	0.0440	0.0178	0.0068	0.0024	0.0008	0.0002	0.0001		
	1	0.9916	0.8470	0.5846	0.3567	0.1979	0.1010	0.0475	0.0205	0.0081	0.0029	0.0009		
	2	0.9997	0.9699	0.8416	0.6479	0.4481	0.2811	0.1608	0.0839	0.0398	0.0170	0.0065		
	3	1.0000	0.9958	0.9559	0.8535	0.6982	0.5213	0.3552	0.2205	0.1243	0.0632	0.0287		
	4	1.0000	0.9996	0.9908	0.9533	0.8702	0.7415	0.5842	0.4227	0.2793	0.1672	0.0898		
	5	1.0000	1.0000	0.9985	0.9885	0.9561	0.8883	0.7805	0.6405	0.4859	0.3373	0.2120		
	6	1.0000	1.0000	0.9998	0.9978	0.9884 0.9976	0.9617	0.9067	0.8164	0.6925	0.5461	0.3953		
	7	1.0000	1.0000	1.0000	0.9997		0.9897	0.9685	0.9247	0.8499	0.7414 0.8811	0.6047		
	8	1.0000	1.0000 1.0000	1.0000	1.0000	0.9996 1.0000	0.9978 0.9997	0.9917 0.9983	0.9757 0.9940	0.9417 0.9825	0.8811	0.7880 0.9102		
	9	1.0000 1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9983	0.9940	0.9823	0.9374	0.9102		
	10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9991	0.9880	0.9713		
	11 12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9991		
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999		
	14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
15		0.8601	0.4633	0.2059	0.0874	0.0352	0.0134	0.0047	0.0016	0.0005	0.0001			
15	0 1	0.8601	0.4033	0.2039		0.0532	0.0134	0.0047	0.0016	0.0003		0.0000 0.0005		
	2	0.9996	0.8230	0.3450	0.6042	0.3980	0.0302	0.0333	0.0142	0.0032	0.0017	0.0003		
	3	1.0000	0.9945	0.9444	0.8227	0.6482	0.4613	0.1200	0.1727	0.0271	0.0107	0.0037		
	4	1.0000	0.9994	0.9873	0.9383	0.8358	0.6865	0.5155	0.3519	0.0303	0.1204	0.0170		
	5	1.0000	0.9999	0.9978	0.9832	0.9389	0.8516	0.7216	0.5643	0.4032	0.2608	0.0572		
	6	1.0000	1.0000	0.9997	0.9964	0.9819	0.9434	0.8689	0.7548	0.6098	0.4522	0.3036		
	7	1.0000	1.0000	1.0000	0.9994	0.9958	0.9827	0.9500	0.8868	0.7869	0.6535	0.5000		
	8	1.0000	1.0000	1.0000	0.9999	0.9992	0.9958	0.9848	0.9578	0.9050	0.8182	0.6964		
	9	1.0000	1.0000	1.0000	1.0000	0.9999	0.9992	0.9963	0.9876	0.9662	0.9231	0.8491		
	10	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9993	0.9972	0.9907	0.9745	0.9408		
	11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9995	0.9981	0.9937	0.9824		
	12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9989	0.9963		
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9995		
	14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
	15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
16	0	0.8515	0.4401	0.1853	0.0743	0.0281	0.0100	0.0033	0.0010	0.0003	0.0001	0.0000		
	1	0.9891	0.8108	0.5147	0.2839	0.1407	0.0635	0.0261	0.0098	0.0033	0.0010	0.0003		
	2	03.9995	0.9571	0.7893	0.5614	0.3518	0.1971	0.0994	0.0451	0.0183	0.0066	0.0021		
	3	1.0000	0.9930	0.9316	0.7899	0.5981	0.4050	0.2459	0.1339	0.0651	0.0281	0.0106		
	4	1.0000	0.9991	0.9830	0.9209	0.7982	0.6302	0.4499	0.2892	0.1666	0.0853	0.0384		
	5	1.0000	0.9999	0.9967	0.9765	0.9183	0.8103	0.6598	0.4900	0.3288	0.1976	0.1051		
	6	1.0000	1.0000	0.9995	0.9944	0.9733	0.9204	0.8247	0.6881	0.5272	0.3660	0.2272		
	7	1.0000	1.0000	0.9999	0.9989	0.9930	0.9729	0.9256	0.8406	0.7161	0.5629	0.4018		
	8	1.0000	1.0000	1.0000	0.9998	0.9985	0.9925	0.9743	0.9329	0.8577	0.7441	0.5982		
	9	1.0000	1.0000	1.0000	1.0000	0.9998	0.9984	0.9929	0.9771	0.9417	0.8759	0.7728		
	10	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9984	0.9938	0.9809	0.9514	0.8949		
	11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9987	0.9951	0.9851	0.9616		
	12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9991	0.9965	0.9894		
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9994	0.9979		
	14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997		
	15	1.0000	1.0000	1.0000	1.0000		1.0000		1.0000		1.0000	1.0000		
	16	1.0000			1.0000							1.0000		
17	0	0.8429			0.0631									
	1	0.9877	0.7922	0.4818		0.1182					0.0006			
	2	0.9994		0.7618			0.1637		0.0327			0.0012		
	3	1.0000	0.9912	0.9174			0.3530		0.1028			0.0064		
	4	1.0000		0.9779			0.5739	0.5968	0.2348			0.0245		
	5	1.0000 1.0000		0.9953 0.9992				0.5968				0.0717		
	6	1.0000	1.0000	U.227∠	0.271/	0.5023	0.0727	0.1132	0.0100	0.44/0	0.2302	0.1002		

n         X         0.01         0.05         0.10         0.15         0.20         0.25         0.30         0.35         0.40         0.45         0.50           17         7         1.0000         1.0000         0.9997         0.9997         0.9997         0.9997         0.9997         0.9907         0.9007         0.9001         0.8011         0.6626         0.5000           10         1.0000         1.0000         1.0000         1.0000         1.0000         0.9997         0.9994         0.9968         0.9818         0.9652         0.9174         0.831           11         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9993         0.9975         0.9914         0.9975         0.9914         0.9975         0.9914         0.9975         0.9991         0.9975         0.9981         1.2000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9999         0.9995         0.9991         0.9997         0.9981         0.9975         0.9981         0.9936         1.981         1.2000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000		P 025 026 025 026 025 026 025 026												
8	n	X	0.01	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	
1,000	17													
10														
11   1,0000		-												
1.0000														
13														
1,0000														
15		-												
16														
17														
18														
1	10													
2	18													
1,0000														
4         1.0000         0.9985         0.9718         0.8794         0.7164         0.5187         0.3327         0.1886         0.0942         0.0411         0.0177         0.0481           6         1.0000         1.0000         0.9988         0.9882         0.9487         0.8610         0.7217         0.5491         0.3743         0.2258         0.1189           7         1.0000         1.0000         0.9098         0.9987         0.9837         0.9437         0.8431         0.8593         0.7283         0.5634         0.37578         0.4073           9         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9995         0.9957         0.9807         0.9404         0.8609         0.7578         0.4073           10         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9998         0.9988         0.9939         0.9788         0.9424         0.8720         0.7578         0.4073           11         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9998         0.9988         0.9942         0.9817 <th></th>														
5         1.0000         0.9998         0.9936         0.9581         0.8671         0.7175         0.5344         0.3550         0.2088         0.1077         0.0481           6         1.0000         1.0000         0.9998         0.9973         0.9837         0.9431         0.8593         0.7283         0.5634         0.3743         0.2288         0.1189           7         1.0000         1.0000         1.0000         1.0000         0.9999         0.9957         0.9807         0.9404         0.8609         0.7368         0.5778         0.4073           9         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9998         0.9998         0.9998         0.9938         0.9788         0.9424         0.8720         0.7557           11         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9998         0.9986         0.9986         0.9942         0.9817         0.9816           12         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.0000         0.9997         0.9986         0.9942         0.9817         0.9814														
6         1.0000         1.0000         0.9988         0.9882         0.9487         0.8610         0.7217         0.5491         0.3743         0.2258         0.1189           7         1.0000         1.0000         0.9998         0.9987         0.9837         0.9837         0.9431         0.8599         0.7283         0.5634         0.3915         0.4031           8         1.0000         1.0000         1.0000         0.0000         0.9999         0.9991         0.9916         0.9790         0.9403         0.8653         0.7473         0.5927           10         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9988         0.9938         0.9978         0.9424         0.8717         0.9519           11         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9982         0.9986         0.9942         0.9817         0.9519           13         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000 <th></th>														
7         1.0000         1.0000         0.9998         0.9973         0.9837         0.9431         0.8593         0.7283         0.5634         0.3915         0.2403           8         1.0000         <														
1,0000														
1,0000														
10														
11														
1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   0.9997   0.9986   0.9942   0.9817   0.9519     13														
1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   0.9997   0.9987   0.9981   0.9984     14														
14														
1.0000														
16														
17														
18         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.0000														
19														
1	10													
2         0.9991         0.9335         0.7054         0.4413         0.2369         0.1113         0.0462         0.0170         0.0055         0.0015         0.0004           3         1.0000         0.9868         0.8850         0.6841         0.4551         0.2631         0.1332         0.0591         0.0230         0.0077         0.0022           4         1.0000         0.9980         0.9648         0.8556         0.6733         0.4654         0.2822         0.1500         0.0696         0.0280         0.0096           5         1.0000         0.9998         0.9914         0.9463         0.8369         0.6678         0.4739         0.2968         0.1629         0.0777         0.0318           6         1.0000         1.0000         0.9997         0.9959         0.9767         0.9225         0.8180         0.6655         0.4812         0.3081         0.1727         0.0835           7         1.0000         1.0000         1.0000         0.9999         0.9934         0.9911         0.9674         0.8145         0.6675         0.4940         0.3238           9         1.0000         1.0000         1.0000         1.0000         1.0000         1.0997         0.9975	19													
3         1.0000         0.9868         0.8850         0.6841         0.4551         0.2631         0.1332         0.0591         0.0230         0.0077         0.0022           4         1.0000         0.9980         0.9648         0.8556         0.6733         0.4654         0.2822         0.1500         0.0696         0.0280         0.0096           5         1.0000         0.9998         0.9914         0.9463         0.8369         0.6678         0.4739         0.2968         0.1629         0.0777         0.0318           6         1.0000         1.0000         0.9983         0.9837         0.9324         0.8251         0.6655         0.4812         0.3081         0.1727         0.0835           7         1.0000         1.0000         1.0000         0.9997         0.99767         0.9225         0.8180         0.6655         0.4812         0.3381         0.1727         0.0835           8         1.0000         1.0000         1.0000         0.99992         0.9933         0.9713         0.9161         0.8145         0.6675         0.4940         0.3238           9         1.0000         1.0000         1.0000         1.0000         1.09977         0.9895         0.9653         <														
4         1.0000         0.9980         0.9648         0.8556         0.6733         0.4654         0.2822         0.1500         0.0696         0.0280         0.0096           5         1.0000         0.9998         0.9914         0.9463         0.8369         0.6678         0.4739         0.2968         0.1629         0.0777         0.0318           6         1.0000         1.0000         0.9983         0.9837         0.9324         0.8251         0.6655         0.4812         0.3081         0.1727         0.0835           7         1.0000         1.0000         0.9997         0.9959         0.9767         0.9225         0.8180         0.6656         0.4878         0.3169         0.1796           8         1.0000         1.0000         1.0000         0.9999         0.9984         0.9911         0.9674         0.9125         0.8139         0.6710         0.5000           10         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9997         0.9977         0.9886         0.9653         0.9115         0.8159         0.6762           11         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         <														
5         1.0000         0.9998         0.9914         0.9463         0.8369         0.6678         0.4739         0.2968         0.1629         0.0777         0.0318           6         1.0000         1.0000         0.9983         0.9837         0.9324         0.8251         0.6655         0.4812         0.3081         0.1727         0.0835           7         1.0000         1.0000         0.9997         0.9959         0.9767         0.9225         0.8180         0.6656         0.4878         0.3169         0.1796           8         1.0000         1.0000         1.0000         0.9999         0.9933         0.9713         0.9161         0.8145         0.6675         0.4940         0.3238           9         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9997         0.9977         0.9855         0.9653         0.9115         0.8159         0.6762           11         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9997         0.9972         0.9886         0.9648         0.9129         0.8204           12         1.0000         1.0000         1.0000         1.0000         1.0000 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>														
6         1.0000         1.0000         0.9983         0.9837         0.9324         0.8251         0.6655         0.4812         0.3081         0.1727         0.0835           7         1.0000         1.0000         0.9997         0.9959         0.9767         0.9225         0.8180         0.6656         0.4878         0.3169         0.1796           8         1.0000         1.0000         1.0000         0.9992         0.9933         0.9713         0.9161         0.8145         0.6675         0.4940         0.3238           9         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9997         0.9977         0.9895         0.9653         0.9115         0.8159         0.6762           11         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9997         0.9972         0.9886         0.9648         0.9129         0.8204           12         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9994         0.9969         0.9884         0.9658         0.9165           13         1.0000         1.0000         1.0000         <														
7         1.0000         1.0000         0.9997         0.9959         0.9767         0.9225         0.8180         0.6656         0.4878         0.3169         0.1796           8         1.0000         1.0000         1.0000         0.9992         0.9933         0.9713         0.9161         0.8145         0.6675         0.4940         0.3238           9         1.0000         1.0000         1.0000         1.0000         0.9999         0.9984         0.9911         0.9674         0.9125         0.8139         0.6710         0.5000           10         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9997         0.9972         0.9886         0.9648         0.9129         0.8204           12         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9994         0.9969         0.9884         0.9658         0.9165           13         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9993         0.9989         0.9884         0.9658         0.91682														
8       1.0000       1.0000       1.0000       0.9992       0.9933       0.9713       0.9161       0.8145       0.6675       0.4940       0.3238         9       1.0000       1.0000       1.0000       0.9999       0.9984       0.9911       0.9674       0.9125       0.8139       0.6710       0.5000         10       1.0000       1.0000       1.0000       1.0000       0.9997       0.9977       0.9895       0.9653       0.9115       0.8159       0.6762         11       1.0000       1.0000       1.0000       1.0000       1.0000       0.9995       0.9972       0.9886       0.9648       0.9129       0.8204         12       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       0.9999       0.9994       0.9969       0.9884       0.9658       0.9165         13       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       0.9999       0.9994       0.9969       0.9884       0.9658       0.9165         14       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       0.9999       0.9994       0.9994       0.9972       0.9995       0.9997     <														
9         1.0000         1.0000         1.0000         0.9999         0.9984         0.9911         0.9674         0.9125         0.8139         0.6710         0.5000           10         1.0000         1.0000         1.0000         1.0000         1.0000         0.9997         0.9977         0.9895         0.9653         0.9115         0.8159         0.6762           11         1.0000         1.0000         1.0000         1.0000         1.0000         0.9995         0.9972         0.9886         0.9648         0.9129         0.8204           12         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9994         0.9969         0.9884         0.9658         0.9165           13         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9994         0.9969         0.9884         0.9658         0.9165           14         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9994         0.9999         0.9994         0.9972         0.9994           15         1.0000         1.0000         1.0000														
10         1.0000         1.0000         1.0000         1.0000         1.0000         0.9997         0.9997         0.9977         0.9895         0.9653         0.9115         0.8159         0.6762           11         1.0000         1.0000         1.0000         1.0000         1.0000         0.9995         0.9972         0.9886         0.9648         0.9129         0.8204           12         1.0000         1.0000         1.0000         1.0000         0.9999         0.9994         0.9969         0.9884         0.9658         0.9165           13         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9994         0.9969         0.9884         0.9658         0.9165           14         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9993         0.9994         0.9972         0.9904           15         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9999         0.9995         0.9996           16         1.0000         1.0000         1.0000														
11   1.0000   1.0000   1.0000   1.0000   1.0000   0.9995   0.9972   0.9886   0.9648   0.9129   0.8204     12   1.0000   1.0000   1.0000   1.0000   1.0000   0.9999   0.9994   0.9969   0.9884   0.9658   0.9165     13   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   0.9999   0.9993   0.9969   0.9891   0.9682     14   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   0.9999   0.9993   0.9969   0.9991   0.9682     15   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   0.9999   0.9994   0.9972   0.9904     15   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   0.9999   0.9995   0.9978     16   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   0.9999   0.9996     17   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000     18   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000     19   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000     10   0.8179   0.3585   0.1216   0.0388   0.0115   0.0032   0.0008   0.0002   0.0000   0.0000     10   0.9831   0.7358   0.3917   0.1756   0.0692   0.0243   0.0076   0.0021   0.0055   0.0001   0.0000     2   0.9990   0.9245   0.6769   0.4049   0.2061   0.0913   0.0355   0.0121   0.0036   0.0009   0.0002		-												
12         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9994         0.9969         0.9884         0.9658         0.9165           13         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9993         0.9969         0.9884         0.9658         0.9165           14         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.9999         0.9994         0.9972         0.9904           15         1.0000			1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9972	0.9886	0.9648	0.9129	0.8204	
1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   0.9999   0.9993   0.9969   0.9891   0.9682														
14   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   0.9999   0.9994   0.9972   0.9904   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   1.0000   0.9999   0.9995   0.9978   16   1.0000			1.0000	1.0000	1.0000			1.0000	0.9999		0.9969	0.9891		
15       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       0.9999       0.9995       0.9978         16       1.0000       1.		_	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9994		0.9904	
16       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       1.0000       0.9999       0.9996         17       1.0000       1.			1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9995	0.9978	
18			1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9996	
20     0     0.8179     0.3585     0.1216     0.0388     0.0115     0.0002     0.0008     0.0002     0.0000 <t< th=""><th></th><th>17</th><th>1.0000</th><th>1.0000</th><th>1.0000</th><th>1.0000</th><th>1.0000</th><th>1.0000</th><th>1.0000</th><th>1.0000</th><th>1.0000</th><th>1.0000</th><th>1.0000</th></t<>		17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
20     0     0.8179     0.3585     0.1216     0.0388     0.0115     0.0032     0.0008     0.0002     0.0000     0.0000     0.0000       1     0.9831     0.7358     0.3917     0.1756     0.0692     0.0243     0.0076     0.0021     0.0005     0.0001     0.0000       2     0.9990     0.9245     0.6769     0.4049     0.2061     0.0913     0.0355     0.0121     0.0036     0.0009     0.0002			1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
1 0.9831 0.7358 0.3917 0.1756 0.0692 0.0243 0.0076 0.0021 0.0005 0.0001 0.0000 2 0.9990 0.9245 0.6769 0.4049 0.2061 0.0913 0.0355 0.0121 0.0036 0.0009 0.0002		19	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
1 0.9831 0.7358 0.3917 0.1756 0.0692 0.0243 0.0076 0.0021 0.0005 0.0001 0.0000 2 0.9990 0.9245 0.6769 0.4049 0.2061 0.0913 0.0355 0.0121 0.0036 0.0009 0.0002	20		0.8179								0.0000	0.0000	0.0000	
=			0.9831	0.7358	0.3917	0.1756			0.0076	0.0021	0.0005		0.0000	
		2	0.9990	0.9245	0.6769	0.4049	0.2061	0.0913	0.0355	0.0121	0.0036	0.0009	0.0002	
			1.0000	0.9841	0.8670	0.6477	0.4114	0.2252	0.1071	0.0444	0.0160	0.0049	0.0013	
<b>4</b>   1.0000 0.9974 0.9568 0.8298 0.6296 0.4148 0.2375 0.1182 0.0510 0.0189 0.0059		4	1.0000	0.9974	0.9568	0.8298	0.6296	0.4148	0.2375	0.1182	0.0510	0.0189	0.0059	

ESTADÍSTICA I 6<u>.</u>

		1				P						
n	X	0.01	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
20	5	1.0000	0.9997	0.9887	0.9327	0.8042	0.6172	0.4164	0.2454	0.1256	0.0553	0.0207
	6	1.0000	1.0000	0.9976	0.9781	0.9133	0.7858	0.6080	0.4166	0.2500	0.1299	0.0577
	7	1.0000	1.0000	0.9996	0.9941	0.9679	0.8982	0.7723	0.6010	0.4159	0.2520	0.1316
	8	1.0000	1.0000	0.9999	0.9987	0.9900	0.9591	0.8867	0.7624	0.5956	0.4143	0.2517
	9	1.0000	1.0000	1.0000	0.9998	0.9974	0.9861	0.9520	0.8782	0.7553	0.5914	0.4119
	10	1.0000	1.0000	1.0000	1.0000	0.9994	0.9961	0.9829	0.9468	0.8725	0.7507	0.5881
	11	1.0000	1.0000	1.0000	1.0000	0.9999	0.9991	0.9949	0.9804	0.9435	0.8692	0.7483
	12	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9987	0.9940	0.9790	0.9420	0.8684
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9985	0.9935	0.9786	0.9423
	14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9984	0.9936	0.9793
	15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9985	0.9941
	16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9987
	17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998
	18	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	19	1.0001	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25	0	0.7778	0.2774	0.0718	0.0172	0.0038	0.0008	0.0001	0.0000	0.0000	0.0000	0.0000
	1	0.9742	0.6424	0.2712	0.0931	0.0274	0.0070	0.0016	0.0003	0.0001	0.0000	0.0000
	2	0.9980	0.8729	0.5371	0.2537	0.0982	0.0321	0.0090	0.0021	0.0004	0.0001	0.0000
	3	0.9999	0.9659	0.7636	0.4711	0.2340	0.0962	0.0332	0.0097	0.0024	0.0005	0.0001
	4	1.0000	0.9928	0.9020	0.6821	0.4207	0.2137	0.0905	0.0320	0.0095	0.0023	0.0005
	5	1.0000	0.9988	0.9666	0.8385	0.6167	0.3783	0.1935	0.0826	0.0294	0.0086	0.0020
	6	1.0000	0.9998	0.9905	0.9305	0.7800	0.5611	0.3407	0.1734	0.0736	0.0258	0.0073
	7	1.0000	1.0000	0.9977	0.9745	0.8909	0.7265	0.5118	0.3061	0.1536	0.0639	0.0216
	8	1.0000	1.0000	0.9995	0.9920	0.9532	0.8506	0.6769	0.4668	0.2735	0.1340	0.0539
	9	1.0000	1.0000	0.9999	0.9979	0.9827	0.9287	0.8106	0.6303	0.4246	0.2424	0.1148
	10	1.0000	1.0000	1.0000	0.9995	0.9944	0.9703	0.9022	0.7712	0.5858	0.3843	0.2122
	11	1.0000	1.0000	1.0000	0.9999	0.9985	0.9893	0.9558	0.8746	0.7323	0.5426	0.3450
	12	1.0000	1.0000	1.0000	1.0000	0.9996	0.9966	0.9825	0.9396	0.8462	0.6937	0.5000
	13	1.0000	1.0000	1.0000	1.0000	0.9999	0.9991	0.9940	0.9745	0.9222	0.8173	0.6550
	14	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9982	0.9907	0.9656	0.9040	0.7878
	15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9971	0.9868	0.9560	0.8852
	16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9992	0.9957	0.9826	0.9461
	17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9988	0.9942	0.9784
	18	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9984	0.9927
	19	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9996 0.9999	0.9980 0.9995
	20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
	21	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999
	22	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	23	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	24	1.0000	1.0000				1.0000		1.0000	1.0000	1.0000	1.0000
	25	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Tabla 2
Función de Distribución de Poisson

					1					
X	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0	0.9048	0.8187	0.7408	0.6703	0.6065	0.5488	0.4966	0.4493	0.4066	0.3679
1	0.9953	0.9825	0.9631	0.9384	0.9098	0.8781	0.8442	0.8088	0.7725	0.7358
2	0.9998	0.9989	0.9964	0.9921	0.9856	0.9769	0.9659	0.9526	0.9371	0.9197
3	1.0000 1.0000	0.9999 1.0000	0.9997 1.0000	0.9992 0.9999	0.9982 0.9998	0.9966 0.9996	0.9942 0.9992	0.9909 0.9986	0.9865 0.9977	0.9810 0.9963
5	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9992	0.9998	0.9997	0.9903
6	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999
7	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
X	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
0	0.3329	0.3012	0.2725	0.2466	0.2231	0.2019	0.1827	0.1653	0.1496	0.1353
1	0.6990	0.6626	0.6268	0.5918	0.5578	0.5249	0.4932	0.4628	0.4338	0.4060
2	0.9004	0.8795	0.8571	0.8335	0.8088	0.7834	0.7572	0.7306	0.7037	0.6767
3	0.9743	0.9662	0.9569	0.9463	0.9344	0.9212	0.9068	0.8913	0.8747	0.8571
4 5	0.9946 0.9990	0.9923 0.9985	0.9893 0.9978	0.9857 0.9968	0.9814 0.9955	0.9763 0.9940	0.9704 0.9920	0.9636 0.9896	0.9559 0.9868	0.9473 0.9834
6	0.9999	0.9997	0.9976	0.9994	0.9933	0.9940	0.9920	0.9890	0.9866	0.9854
7	1.0000	1.0000	0.9999	0.9999	0.9998	0.9997	0.9996	0.9994	0.9992	0.9989
8	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9998
9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
X	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0
0	0.1225	0.1108	0.1003	0.0907	$0.0821 \\ 0.2873$	0.0743	$0.0672 \\ 0.2487$	0.0608	0.0550	0.0498
1	0.3796 0.6496	0.3546 0.6227	0.3309 0.5960	0.3084 0.5697	0.2873 0.5438	0.2674 0.5184	0.2487 0.4936	0.2311 0.4695	0.2146 0.4460	0.1991 0.4232
2 3	0.8386	0.8194	0.7993	0.3097	0.3436	0.7360	0.4930	0.4093	0.4400	0.4232
4	0.9379	0.9275	0.9163	0.9041	0.8912	0.8774	0.8629	0.8477	0.8318	0.8153
5	0.9796	0.9751	0.9700	0.9643	0.9580	0.9510	0.9433	0.9349	0.9258	0.9161
6	0.9941	0.9925	0.9906	0.9884	0.9858	0.9828	0.9794	0.9756	0.9713	0.9665
7	0.9985	0.9980	0.9974	0.9967	0.9958	0.9947	0.9934	0.9919	0.9901	0.988!
8 9	0.9997 0.9999	0.9995 0.9999	0.9994 0.9999	0.9991 0.9998	0.9989 0.9997	0.9985 0.9996	0.9981 0.9995	0.9976 0.9993	0.9969 0.9991	0.9962 0.9989
10	1.0000	1.0000	1.0000	1.0000	0.9997	0.9990	0.9993	0.9993	0.9991	0.9989
11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999
X	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
0	0.0450	0.0408 0.1712	0.0369 0.1586	0.0334 0.1468	0.0302 0.1359	0.0273 0.1257	0.0247 0.1162	0.0224 0.1074	0.0202 0.0992	0.0183 0.0916
1 2	0.1847 0.4012	0.1712	0.1360	0.1408	0.1339	0.1237	0.1162	0.1074	0.0992	0.0910
3	0.6248	0.6025	0.5803	0.5584	0.5366	0.5152	0.4942	0.4735	0.4533	0.4335
4	0.7982	0.7806	0.7626	0.7442	0.7254	0.7064	0.6872	0.6678	0.6484	0.6288
5	0.9057	0.8946	0.8829	0.8705	0.8576	0.8441	0.8301	0.8156	0.8006	0.7851
6	0.9612	0.9554	0.9490	0.9421	0.9347	0.9267	0.9182	0.9091	0.8995	0.8893
7	0.9858 0.9953	0.9832 0.9943	0.9802	0.9769	0.9733	0.9692	0.9648 0.9863	0.9599	0.9546	0.9489
8 9	0.9955	0.9943	0.9931 0.9978	0.9917 0.9973	0.9901 0.9967	0.9883 0.9960	0.9863	0.9840 0.9942	0.9815 0.9931	0.9786 0.9919
10	0.9996	0.9995	0.9994	0.9992	0.9990	0.9987	0.9984	0.9981	0.9931	0.9972
11	0.9999	0.9999	0.9998	0.9998	0.9997	0.9996	0.9995	0.9994	0.9993	0.9991
12	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9997
13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999

ESTADÍSTICA I 8.

X         5.1         5.2         5.3         5.4         5.5         5.6         5.7         5.8         5.9         6.0           0         0.0061         0.0055         0.0050         0.0045         0.0041         0.0037         0.0033         0-030         0.0027         0.0025           1         0.0372         0.0342         0.0314         0.0289         0.0266         0.0244         0.0224         0.0266         0.0189         0.0174           2         0.1165         0.1088         0.1016         0.0948         0.884         0.8824         0.0788         0.0715         0.0666         0.0620           3         0.2513         0.2381         0.2254         0.2133         0.2517         0.1906         0.1801         0.1700         0.1604         0.1514           4         0.4231         0.4061         0.3895         0.3733         0.3575         0.3422         0.3212         0.3127         0.2987         0.2851           5         0.5860         0.8449         0.8335         0.8217         0.8806         0.6703         0.6544         0.6384         0.6224         0.6063           6         0.7474         0.7324         0.7171         0.7017						1					
2 0,2238 0,2102 0,1974 0,1851 0,1736 0,1626 0,1523 0,1425 0,1333 0,1247 0,06093 0,5898 0,3772 0,3595 0,3423 0,3257 0,3097 0,2942 0,2793 0,2650 0,6093 0,5898 0,5704 0,5512 0,5321 0,5132 0,4946 0,4763 0,4582 0,4405 0,68787 0,8675 0,8558 0,8436 0,8311 0,8180 0,8046 0,7908 0,7767 0,7622 0,76947 0,9361 0,9290 0,9214 0,9134 0,0050 0,8886 0,8667 0,8767 0,8666 0,9959 0,9999 0,9999 0,9991 0,9995 0,9983 0,9962 0,9859 0,9871 0,9829 0,9814 0,9134 0,9050 0,9860 0,9867 0,8667 0,8769 0,8666 0,9959 0,9952 0,9943 0,9932 0,9991 0,9996 0,9995 0,9999 0,99	X	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
2 0,2238 0,2102 0,1974 0,1851 0,1736 0,1626 0,1523 0,1425 0,1333 0,1247 0,06093 0,5898 0,5704 0,5512 0,5321 0,5132 0,4946 0,4763 0,4582 0,4405 0,50093 0,5898 0,7504 0,5512 0,5321 0,5132 0,4946 0,4763 0,4582 0,4405 0,68787 0,8675 0,8558 0,8436 0,8311 0,8180 0,8046 0,7908 0,7767 0,7622 0,76947 0,9361 0,9990 0,9990 0,9914 0,9914 0,9947 0,9442 0,9382 0,9310 0,9905 0,9889 0,9871 0,9821 0,9814 0,9914 0,9946 0,9979 0,9442 0,9382 0,9310 0,9966 0,9959 0,9995 0,9993 0,9992 0,9990 0,9952 0,9943 0,9932 0,9992 0,9990 0,9998 0,9998 0,9998 0,9998 0,9998 0,9998 0,9998 0,9998 0,9998 0,9998 0,9999 0,9	0	0.0166	0.0150	0.0136	0.0123				0.0082		
3 0.4142 0.3954 0.3772 0.3595 0.3423 0.3257 0.3097 0.2942 0.2793 0.2550 5.07693 0.5704 0.5512 0.5321 0.5132 0.4946 0.46763 0.4582 0.4405 5.07693 0.5753 0.5734 0.5712 0.5512 0.5321 0.5132 0.4946 0.46763 0.4582 0.4405 6.08787 0.8675 0.8676 0.8787 0.8578 0.8436 0.8311 0.8180 0.8046 0.7908 0.7767 0.7622 0.9427 0.9361 0.9290 0.9214 0.9134 0.9050 0.8966 0.8867 0.8769 0.8666 0.8787 0.9751 0.9752 0.9781 0.9881 0.9883 0.9642 0.9597 0.9549 0.9947 0.9442 0.9382 0.9319 0.9996 0.9986 0.9988 0.99871 0.9881 0.9885 0.9885 0.9885 0.9885 0.9885 0.9985 0.9995 0.9995 0.9995 0.9995 0.9993 0.9992 0.9990 0.9991 0.9996 0.9995 0.9998 0.9997 0.9990 0.9998 0.9997 0.9996 0.9995 0.9998 0.9997 0.9999 0		0.0343			0.0003						
5         0.7693         0.7531         0.7367         0.7199         0.7029         0.6858         0.6664         0.6510         0.6335         0.6166           6         0.8787         0.8675         0.8858         0.8436         0.8311         0.8180         0.8046         0.7908         0.7767         0.7622           7         0.9427         0.9361         0.9290         0.9214         0.9134         0.9050         0.8860         0.8867         0.8769         0.868           9         0.9905         0.9889         0.9871         0.9821         0.9927         0.9940         0.9940         0.9971         0.962           10         0.9996         0.9998         0.9998         0.9997         0.9991         0.9990         0.9990         0.9990         0.9990         0.9990         0.9990         0.9999         0.999	3	0.4142				0.3423	0.3257		0.2942		
6         0.8787         0.8675         0.8358         0.8436         0.8311         0.8180         0.8046         0.7767         0.7767         0.7662           8         0.9755         0.9721         0.9230         0.9214         0.9134         0.9505         0.8869         0.8866         0.8669         0.8669         0.8669         0.8669         0.8669         0.8660         0.8660         0.8860         0.8860         0.8860         0.8860         0.8860         0.8860         0.9860         0.9982         0.9917         0.9949         0.9940         0.9988         0.9988         0.9988         0.9980         0.9988         0.9993         0.9992         0.9991         0.9990         0.9999 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>											
7         0.9427         0.9361         0.9220         0.9214         0.9134         0.9050         0.8860         0.8867         0.8769         0.8682           9         0.9965         0.9989         0.9871         0.981         0.9829         0.9805         0.9778         0.9749         0.9717         0.9682           10         0.9966         0.9959         0.9952         0.9943         0.9931         0.9922         0.9910         0.9866         0.9880         0.9971         0.9682           11         0.9999         0.9999         0.9999         0.9990         0.9990         0.9990         0.9990         0.9990         0.9990         0.9990         0.9990         0.9999											
9         0.9905         0.9889         0.9871         0.9821         0.9825         0.9778         0.9749         0.9933         0.9932         0.9910         0.9860         0.9880         0.9880         0.9880         0.9880         0.9880         0.9880         0.9880         0.9880         0.9880         0.9880         0.9880         0.9953         0.9991           12         0.9997         0.9999         <	7	0.9427	0.9361	0.9290	0.9214	0.9134	0.9050	0.8960	0.8867	0.8769	0.8666
10   0.9966   0.9959   0.9952   0.9943   0.9933   0.9922   0.9910   0.9896   0.9880   0.9886   0.9988   0.9988   0.9988   0.9989   0.9998   0.9997   0.9997   0.9996   0.9998   0.9998   0.9998   0.9998   0.9998   0.9998   0.9998   0.9998   0.9999   0.999											
11         0.9980         0.9986         0.9983         0.9993         0.9992         0.9990         0.9996         0.9995         0.9993         0.9992         0.9990         0.9988         0.9986         0.9983         0.9980           13         0.9999         0.9999         0.9998         0.9997         0.9996         0.99999         0.99999         0.9999	_									0.9717	
13         0.9999         0.9998         0.9998         0.99999         0.99999         0.9999         0.9999 <th></th> <th>0.9989</th> <th>0.9986</th> <th>0.9983</th> <th>0.9980</th> <th>0.9976</th> <th>0.9971</th> <th>0.9966</th> <th>0.9960</th> <th>0.9953</th> <th>0.9945</th>		0.9989	0.9986	0.9983	0.9980	0.9976	0.9971	0.9966	0.9960	0.9953	0.9945
14         1.0000         1.0000         1.0000         0.9999         0.9998										0.9983	
15         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.09999         0.9994         0.0022         0.0024         0.0024         0.0024 <th></th>											
0         0.0061         0.0055         0.0050         0.0045         0.0041         0.0037         0.0033         0.0030         0.0072         0.0025           1         0.0372         0.0342         0.0314         0.0289         0.0266         0.0244         0.0224         0.0206         0.0189         0.0174           2         0.1165         0.1088         0.1016         0.0948         0.0884         0.0824         0.0788         0.0715         0.0666         0.0620           3         0.2513         0.2381         0.2254         0.2133         0.2017         0.1906         0.1801         0.1700         0.1604         0.1512           4         0.4231         0.4061         0.3895         0.5733         0.3575         0.3422         0.3772         0.3127         0.2987         0.2851           5         0.5860         0.8449         0.8335         0.8217         0.8065         0.6703         0.6544         0.6384         0.6224         0.7710         0.7576         0.7440           8         0.9252         0.9181         0.9106         0.9027         0.8944         0.8857         0.8766         0.8672         0.8574         0.8472           8         0.9252 <th>15</th> <th></th>	15										
1         0.0372         0.0344         0.0289         0.0266         0.0244         0.0224         0.0066         0.0669           2         0.1165         0.1088         0.1016         0.0948         0.0784         0.0715         0.0666         0.0620           3         0.2513         0.2381         0.2254         0.2133         0.2017         0.1906         0.1801         0.1700         0.1604         0.1512           4         0.4231         0.4061         0.3895         0.3733         0.3575         0.3422         0.3272         0.3127         0.2870           6         0.7474         0.7324         0.7171         0.7017         0.6860         0.6703         0.6544         0.6384         0.6224         0.6063           7         0.8560         0.8449         0.8335         0.8217         0.8905         0.7970         0.7842         0.7710         0.7576         0.7440           9         0.9644         0.9603         0.9559         0.9512         0.9462         0.9409         0.9352         0.9292         0.9228         0.9111           10         0.9844         0.9823         0.9800         0.9775         0.9747         0.9718         0.9866         0.9611 <th>X</th> <th>5.1</th> <th>5.2</th> <th>5.3</th> <th>5.4</th> <th>5.5</th> <th>5.6</th> <th>5.7</th> <th>5.8</th> <th>5.9</th> <th>6.0</th>	X	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
2         0.1165         0.1088         0.1016         0.0948         0.0884         0.0824         0.0788         0.0715         0.0666         0.0620           3         0.2513         0.2381         0.2254         0.2133         0.2017         0.1906         0.1801         0.1700         0.1604         0.1512           5         0.5844         0.4231         0.4061         0.3895         0.3733         0.3575         0.3422         0.3727         0.2987         0.2851           6         0.7474         0.7324         0.7171         0.7017         0.6860         0.6703         0.6544         0.6384         0.6224         0.6063           7         0.8560         0.8449         0.8335         0.8217         0.8095         0.7970         0.7710         0.7576         0.7440           8         0.9252         0.9181         0.9106         0.9027         0.8944         0.8857         0.8766         0.8672         0.8574         0.8472           9         0.9644         0.9603         0.9559         0.9512         0.9442         0.9409         0.9352         0.9292         0.9228         0.9161           10         0.9844         0.9823         0.9800         0.9775 <th></th> <th>0.0061</th> <th>0.0055</th> <th>0.0050</th> <th>0.0045</th> <th>0.0041</th> <th>0.0037</th> <th>0.0033</th> <th>0-0030</th> <th>0.0027</th> <th>0.0025</th>		0.0061	0.0055	0.0050	0.0045	0.0041	0.0037	0.0033	0-0030	0.0027	0.0025
3         0.2513         0.2381         0.2254         0.2133         0.2017         0.1906         0.1801         0.1700         0.1604         0.1512           5         0.5984         0.5809         0.5635         0.5461         0.5289         0.5119         0.4950         0.4733         0.4619         0.4455           6         0.7474         0.7324         0.7171         0.7017         0.6860         0.6703         0.6544         0.6384         0.6224         0.6063           7         0.8560         0.8449         0.8335         0.8217         0.8095         0.7970         0.7842         0.7710         0.7576         0.7440           8         0.9252         0.9181         0.9106         0.9027         0.8944         0.8857         0.8672         0.8874         0.8472           9         0.9644         0.9603         0.9559         0.9512         0.9462         0.9409         0.9352         0.9921         0.9921         0.9916         0.9904         0.9890         0.9875         0.9889         0.9981         0.9941         0.9931         0.9941         0.9931         0.9941         0.9931         0.9941         0.9932         0.9994         0.9941         0.9941         0.9932											
5         0.5984         0.5809         0.5635         0.5461         0.5289         0.5119         0.4950         0.4783         0.4619         0.4457           6         0.7474         0.7324         0.7171         0.7017         0.6860         0.6703         0.6544         0.6384         0.6224         0.6063           7         0.8560         0.8449         0.8335         0.8217         0.8095         0.7970         0.7842         0.7710         0.7576         0.7440           8         0.9252         0.9181         0.9166         0.9027         0.8944         0.8857         0.8766         0.8672         0.8574         0.8472           9         0.9644         0.9603         0.9559         0.9512         0.9447         0.9409         0.9352         0.9222         0.9228         0.9161         0.9574         11         0.9937         0.9927         0.9916         0.9904         0.9890         0.9875         0.9859         0.9841         0.9821         0.9799           12         0.9976         0.9972         0.9967         0.9968         0.9983         0.9984         0.9997         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999	3	0.2513	0.2381			0.2017					
6 0.7474         0.7324         0.7171         0.7017         0.6860         0.6703         0.6544         0.6384         0.6224         0.6063           7 0.8560         0.8449         0.8335         0.8217         0.8095         0.7970         0.7842         0.7710         0.7576         0.7440           8 0.9252         0.9181         0.9106         0.9027         0.8944         0.8857         0.8766         0.8672         0.8574         0.8472           9 0.9644         0.9603         0.9559         0.9512         0.9462         0.9409         0.9352         0.9292         0.9228         0.9111           10 0.9844         0.9823         0.9927         0.9916         0.9904         0.9890         0.9875         0.9865         0.9651         0.9614         0.9574           11 0.9937         0.9927         0.9996         0.9995         0.9994         0.9941         0.9932         0.9922         0.9912           12 0.9976         0.9997         0.9996         0.9995         0.9994         0.9993         0.9997         0.9996         0.9996           13 0.9999         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>											
7         0.8560         0.8449         0.8335         0.8217         0.8095         0.7970         0.7842         0.7710         0.7576         0.7440           8         0.9252         0.9181         0.9106         0.9027         0.8944         0.8857         0.8766         0.8672         0.8574         0.8472           9         0.9644         0.9603         0.9559         0.9512         0.9462         0.9409         0.9352         0.9922         0.9916         0.9971         0.9718         0.9686         0.9651         0.9614         0.9574           11         0.9937         0.9927         0.9916         0.9904         0.9890         0.9875         0.9849         0.9941         0.9932         0.9992         0.9992         0.9999         0.9998         0.9998         0.9994         0.9941         0.9932         0.9992         0.9992         0.9999         0.9998         0.9998         0.9998         0.9997         0.9996         0.9995         0.9994         0.9993         0.9991         0.9990         0.9998         0.9995         0.9994         0.9993         0.9991         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999											
9         0.9644         0.9603         0.9559         0.9512         0.9462         0.9409         0.9352         0.9292         0.9228         0.9161           10         0.9844         0.9823         0.9800         0.9775         0.9859         0.9841         0.9821         0.9574           11         0.9937         0.9927         0.9916         0.9904         0.9890         0.9875         0.9859         0.9841         0.9921         0.9921         0.9976         0.9967         0.9962         0.9955         0.9949         0.9941         0.9932         0.9922         0.9912         0.9996         0.9995         0.9988         0.9980         0.9977         0.9973         0.9969         0.9969         0.9995         0.9994         0.9991         0.9990         0.9998         0.9998         0.9997         0.9996         0.9995         0.9994         0.9993         0.9991         0.9990         0.9996         0.9995           16         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.0010         0.0010         0.0011	7	0.8560	0.8449	0.8335	0.8217	0.8095	0.7970	0.7842	0.7710	0.7576	0.7440
10         0.9844         0.9823         0.9800         0.9775         0.9747         0.9718         0.9686         0.9651         0.9614         0.9574           11         0.9937         0.9927         0.9916         0.9904         0.9855         0.9849         0.9841         0.9821         0.9792           13         0.9992         0.9990         0.9988         0.9986         0.9983         0.9980         0.9977         0.9973         0.9969         0.9964           14         0.9997         0.9997         0.9996         0.9995         0.9994         0.9993         0.9991         0.9990         0.9988         0.9986           15         0.9999 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>											
11         0.9937         0.9927         0.9916         0.9904         0.9890         0.9875         0.9859         0.9841         0.9821         0.9799           12         0.9976         0.9967         0.9962         0.9986         0.9983         0.9980         0.9977         0.9973         0.9969         0.9994           13         0.9997         0.9996         0.9995         0.9994         0.9991         0.9990         0.9988         0.9986         0.9998         0.9991         0.9990         0.9998         0.9999         0.9991         0.9990         0.9998         0.9998         0.9991         0.9990         0.9996         0.9995         0.9998         0.9999         0.999	_										
13       0.9992       0.9990       0.9986       0.9986       0.9983       0.9980       0.9977       0.9973       0.9969       0.9964         14       0.9997       0.9997       0.9996       0.9995       0.9998       0.9998       0.9997       0.9990       0.9988       0.9998         15       0.9999       0.9999       0.9999       0.9998       0.9998       0.9999 <th></th> <th>0.9937</th> <th>0.9927</th> <th>0.9916</th> <th>0.9904</th> <th>0.9890</th> <th>0.9875</th> <th>0.9859</th> <th>0.9841</th> <th>0.9821</th> <th>0.9799</th>		0.9937	0.9927	0.9916	0.9904	0.9890	0.9875	0.9859	0.9841	0.9821	0.9799
14         0.9997         0.9996         0.9995         0.9994         0.9993         0.9991         0.9990         0.9988         0.9986           15         0.9999         0.9999         0.9998         0.9998         0.9999         0.9999         0.9996         0.9996         0.9996         0.9996         0.9996         0.99999         0.9999         0.9999	12										
15         0.9999         0.9999         0.9999         0.9998         0.9998         0.9999											
17         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0011         0.0010         0.0000         0.0000         0.0011         0.0011         0.0010         0.0000         0.0000         0.0011         0.0011         0.0010         0.0000         0.0000         0.0011         0.0011         0.0010         0.0000         0.0000         0.0011         0.0011         0.0010         0.0000         0.0011         0.0010         0.0000         0.0011         0.0010         0.0000         0.0011         0.0010         0.0000         0.0011         0.0010         0.0000         0.0011         0.0010         0.0000         0.0011         0.0010         0.0000         0.0011         0.0010         0.0000         0.0000         0.0011         0.0010         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000         0.0000	15	0.9999	0.9999	0.9999	0.9998	0.9998	0.9998	0.9997	0.9996	0.9996	0.9995
X         6.1         6.2         6.3         6.4         6.5         6.6         6.7         6.8         6.9         7.0           0         0.0022 1         0.0022 0.0146         0.0018 0.0134         0.0017 0.0123         0.0014 0.0113         0.0013 0.0103         0.0095 0.0087         0.0080 0.0080         0.0073 0.0073           2         0.0577 0.0536         0.0498 0.1342         0.0463 0.1489         0.04400 0.1119         0.0371 0.0522         0.0344 0.0320 0.0298         0.0871 0.0818           4         0.2719 0.2592         0.2469 0.2469         0.2351 0.2237         0.2127 0.2127         0.2022 0.1920         0.1823 0.1730         0.1730 0.3137         0.3007 0.3137         0.3007 0.3270         0.3137 0.3137         0.3007 0.3137         0.3007 0.3270         0.3137 0.3137         0.3007 0.3270         0.3137 0.3137         0.3007 0.3137         0.3007 0.3270         0.3137 0.3137         0.3007 0.3137         0.3007 0.3270         0.3137 0.3137         0.3007 0.3137         0.3007 0.3270         0.3137 0.3137         0.3007 0.3137         0.3007 0.3270         0.3137 0.3137         0.3007 0.3440         0.4497 0.4497         0.4447 0.4497         0.4447 0.770         0.4447 0.7730         0.4447 0.7731         0.4447 0.7751         0.4447 0.7751         0.4447 0.7751         0.4453 0.7548         0.4453 0.7548         0.45	16										
0         0.0022         0.0020         0.0018         0.0017         0.0015         0.0014         0.0012         0.0011         0.0010         0.0009           1         0.0159         0.0146         0.0134         0.0123         0.0113         0.0103         0.0095         0.0087         0.0080         0.0073           2         0.0577         0.0536         0.0498         0.0463         0.0430         0.0400         0.0371         0.0344         0.0320         0.0296           3         0.1425         0.1342         0.1264         0.1189         0.1119         0.1052         0.0988         0.0928         0.0871         0.0818           4         0.2719         0.2592         0.2469         0.2351         0.2237         0.2127         0.2022         0.1920         0.1823         0.1730           5         0.4298         0.4411         0.3988         0.3837         0.3690         0.3547         0.3407         0.3270         0.3137         0.3007           6         0.5902         0.5742         0.5582         0.5423         0.5265         0.5108         0.4953         0.4799         0.4647         0.4497           7         0.7301         0.7160         0.7018 <th></th>											
2         0.0577         0.0536         0.0498         0.0463         0.0430         0.0400         0.0371         0.0344         0.0320         0.0296           3         0.1425         0.1342         0.1264         0.1189         0.1119         0.1052         0.0988         0.0928         0.0871         0.0818           4         0.2719         0.2592         0.2469         0.2351         0.2237         0.2127         0.2022         0.1920         0.1823         0.1730           5         0.4298         0.4141         0.3988         0.3837         0.3690         0.3547         0.3407         0.3270         0.3137         0.3007           6         0.5902         0.5742         0.5582         0.5423         0.5265         0.5108         0.4953         0.4799         0.4647         0.4497           7         0.7301         0.7160         0.7018         0.6873         0.6728         0.6581         0.6433         0.6285         0.6136         0.5987           8         0.8367         0.8259         0.8148         0.8033         0.7916         0.7796         0.7673         0.7548         0.7420         0.7291           9         0.9990         0.9916         0.8939 <th></th>											
2         0.0577         0.0536         0.0498         0.0463         0.0430         0.0400         0.0371         0.0344         0.0320         0.0296           3         0.1425         0.1342         0.1264         0.1189         0.1119         0.1052         0.0988         0.0928         0.0871         0.0818           4         0.2719         0.2592         0.2469         0.2351         0.2237         0.2127         0.2022         0.1920         0.1823         0.1730           5         0.4298         0.4141         0.3988         0.3837         0.3690         0.3547         0.3407         0.3270         0.3137         0.3007           6         0.5902         0.5742         0.5582         0.5423         0.5265         0.5108         0.4953         0.4799         0.4647         0.4497           7         0.7301         0.7160         0.7018         0.6873         0.6728         0.6581         0.6433         0.6285         0.6136         0.5987           8         0.8367         0.8259         0.8148         0.8033         0.7916         0.7796         0.7673         0.7548         0.7420         0.7291           9         0.9990         0.9916         0.8939 <th>0</th> <th>0.0022 0.0159</th> <th>0.0020 0.0146</th> <th><math>0.0018 \\ 0.0134</math></th> <th><math>0.0017 \\ 0.0123</math></th> <th><math>0.0015 \\ 0.0113</math></th> <th><math>0.0014 \\ 0.0103</math></th> <th><math>0.0012 \\ 0.0095</math></th> <th><math>0.0011 \\ 0.0087</math></th> <th><math>0.0010 \\ 0.0080</math></th> <th>0.0009 0.0073</th>	0	0.0022 0.0159	0.0020 0.0146	$0.0018 \\ 0.0134$	$0.0017 \\ 0.0123$	$0.0015 \\ 0.0113$	$0.0014 \\ 0.0103$	$0.0012 \\ 0.0095$	$0.0011 \\ 0.0087$	$0.0010 \\ 0.0080$	0.0009 0.0073
4         0.2719         0.2592         0.2469         0.2351         0.2237         0.2127         0.2022         0.1920         0.1823         0.1730           5         0.4298         0.4141         0.3988         0.3837         0.3690         0.3547         0.3407         0.3270         0.3137         0.3007           6         0.5902         0.5742         0.5582         0.5243         0.5265         0.5108         0.4953         0.4799         0.4647         0.4497           7         0.7301         0.7160         0.7018         0.6873         0.6728         0.6581         0.6433         0.6285         0.6136         0.5987           8         0.8367         0.8259         0.8148         0.8033         0.7916         0.7796         0.7673         0.7548         0.7420         0.7291           9         0.9990         0.9016         0.8939         0.8858         0.8774         0.8686         0.8596         0.8502         0.8405         0.8305           10         0.9531         0.9486         0.9437         0.9386         0.9332         0.9274         0.9214         0.9151         0.9084         0.9015         0.9750         0.9723         0.9693         0.9661 <th< th=""><th>2</th><th>0.0577</th><th>0.0536</th><th>0.0498</th><th>0.0463</th><th>0.0430</th><th>0.0400</th><th>0.0371</th><th>0.0344</th><th>0.0320</th><th>0.0296</th></th<>	2	0.0577	0.0536	0.0498	0.0463	0.0430	0.0400	0.0371	0.0344	0.0320	0.0296
5         0.4298         0.4141         0.3988         0.3837         0.3690         0.3547         0.3407         0.3270         0.3137         0.3007           6         0.5902         0.5742         0.5582         0.5265         0.5108         0.4953         0.4799         0.4647         0.4497           7         0.7301         0.7160         0.7018         0.6873         0.6728         0.6581         0.6433         0.6285         0.6136         0.5987           8         0.8367         0.8259         0.8148         0.8033         0.7916         0.7796         0.7673         0.7548         0.7420         0.7291           9         0.9090         0.9016         0.8939         0.8858         0.8774         0.8686         0.8596         0.8502         0.8405         0.8305           10         0.9531         0.9486         0.9437         0.9386         0.9332         0.9274         0.9214         0.9151         0.9084         0.9015           10         0.9776         0.9750         0.9723         0.9693         0.9661         0.9627         0.9591         0.9552         0.9510         0.9467           12         0.9900         0.9887         0.9873         0.9887<											
6         0.5902         0.5742         0.5582         0.5423         0.5265         0.5108         0.4953         0.4799         0.4647         0.4497           7         0.7301         0.7160         0.7018         0.6873         0.6728         0.6581         0.6433         0.6285         0.6136         0.5987           8         0.8367         0.8259         0.8148         0.8033         0.7916         0.7796         0.7673         0.7548         0.7420         0.7291           9         0.9090         0.9016         0.8939         0.8858         0.8774         0.8686         0.8596         0.8502         0.8405         0.8305           10         0.9531         0.9486         0.9437         0.9386         0.9332         0.9274         0.9214         0.9151         0.9084         0.9915           11         0.9776         0.9750         0.9723         0.9693         0.9840         0.9821         0.9801         0.9779         0.9755         0.9510         0.9467           12         0.9900         0.9887         0.9873         0.9857         0.9840         0.9821         0.9801         0.9779         0.9755         0.9730           13         0.9984         0.9981			0.2392			0.2237					
8         0.8367         0.8259         0.8148         0.8033         0.7916         0.7796         0.7673         0.7548         0.7420         0.7291           9         0.9090         0.9016         0.8939         0.8858         0.8774         0.8686         0.8596         0.8502         0.8405         0.8305           10         0.9531         0.9486         0.9437         0.9386         0.9332         0.9274         0.9214         0.9151         0.9084         0.9015           11         0.9776         0.9750         0.9723         0.9693         0.9661         0.9627         0.9591         0.9552         0.9510         0.9467           12         0.9900         0.9887         0.9873         0.98857         0.9840         0.9821         0.9801         0.9779         0.9755         0.9730           13         0.9958         0.9952         0.9945         0.9937         0.9929         0.9920         0.9909         0.9888         0.9885         0.9872           14         0.9984         0.9981         0.9978         0.9974         0.9970         0.9966         0.9961         0.9982         0.9970         0.9994           15         0.9994         0.9997         0.9		0.5902	0.5742	0.5582	0.5423	0.5265	0.5108	0.4953	0.4799	0.4647	0.4497
9         0.9090         0.9016         0.8939         0.8858         0.8774         0.8686         0.8502         0.8405         0.8305           10         0.9531         0.9486         0.9437         0.9386         0.9332         0.9274         0.9214         0.9151         0.9084         0.9015           11         0.9776         0.9750         0.9723         0.9693         0.9661         0.9627         0.9591         0.9552         0.9510         0.9467           12         0.9900         0.9887         0.9873         0.98857         0.9840         0.9821         0.9801         0.9779         0.9755         0.9730           13         0.9958         0.9952         0.9945         0.9937         0.9929         0.9920         0.9909         0.9888         0.9885         0.9872           14         0.9984         0.9981         0.9978         0.9974         0.9970         0.9966         0.9961         0.9982         0.9950         0.9943           15         0.9994         0.9993         0.9997         0.9996         0.9996         0.9994         0.9993         0.9997         0.9996         0.9996         0.9998         0.9994         0.9999         0.9999         0.9999					0.6873						
10         0.9531         0.9486         0.9437         0.9386         0.9332         0.9274         0.9214         0.9151         0.9084         0.9015           11         0.9776         0.9750         0.9723         0.9693         0.9661         0.9627         0.9591         0.9552         0.9510         0.9467           12         0.9900         0.9887         0.9873         0.9857         0.9840         0.9821         0.9801         0.9779         0.9755         0.9730           13         0.9958         0.9952         0.9945         0.9937         0.9929         0.9920         0.9900         0.9888         0.9885         0.9872           14         0.9984         0.99981         0.9978         0.9974         0.9970         0.9966         0.9961         0.9956         0.9950         0.9950         0.9979           15         0.9994         0.9993         0.9992         0.9990         0.9988         0.9986         0.9984         0.9992         0.9997         0.9996         0.9996         0.9994         0.9993         0.9997         0.9996         0.9996         0.9994         0.9993         0.9997         0.9996         0.9996         0.9998         0.9999         0.9999         0.9999<											
12     0.9900     0.9887     0.9873     0.9857     0.9840     0.9821     0.9801     0.9779     0.9755     0.9730       13     0.9958     0.9952     0.9945     0.9937     0.9929     0.9920     0.9909     0.9888     0.9885     0.9872       14     0.9984     0.9981     0.9978     0.9974     0.9970     0.9966     0.9961     0.9956     0.9950     0.9993       15     0.9994     0.9993     0.9992     0.9999     0.9988     0.9986     0.9984     0.9982     0.9979     0.9976       16     0.9998     0.9997     0.9999     0.9996     0.9999     0.9994     0.9993     0.9992     0.9999       17     0.9999 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>											
13         0.9958         0.9952         0.9945         0.9937         0.9929         0.9920         0.9909         0.9888         0.9885         0.9872           14         0.9984         0.9981         0.9978         0.9974         0.9970         0.9966         0.9961         0.9956         0.9950         0.9943           15         0.9994         0.9993         0.9992         0.9990         0.9988         0.9984         0.9982         0.9979         0.9979         0.9996           16         0.9998         0.9997         0.9997         0.9996         0.9996         0.9995         0.9994         0.9993         0.9992         0.9990           17         0.9999 <td< th=""><th>11</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	11										
14         0.9984         0.9981         0.9978         0.9974         0.9970         0.9966         0.9961         0.9950         0.9950         0.9943           15         0.9994         0.9993         0.9992         0.9990         0.9988         0.9986         0.9984         0.9982         0.9979         0.9976           16         0.9998         0.9997         0.9996         0.9996         0.9995         0.9994         0.9993         0.9992         0.9990           17         0.9999	12										
15     0.9994     0.9993     0.9992     0.9990     0.9988     0.9986     0.9984     0.9982     0.9979     0.9976       16     0.9998     0.9997     0.9997     0.9996     0.9996     0.9995     0.9994     0.9993     0.9992     0.9990       17     0.9999     0.9999     0.9999     0.9998     0.9998     0.9998     0.9997     0.9997     0.9999       18     1.0000     1.0000     1.0000     0.9999     0.9999     0.9999     0.9999     0.9999     0.9999	14										
17         0.9999         0.9999         0.9999         0.9999         0.9998         0.9998         0.9998         0.9997         0.9997         0.9996           18         1.0000         1.0000         1.0000         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999         0.9999	15	0.9994	0.9993	0.9992	0.9990	0.9988	0.9986	0.9984	0.9982	0.9979	0.9976
<b>18</b> 1.0000 1.0000 1.0000 1.0000 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999											

					1					
X	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0
0	0.0008 0.0067	$0.0007 \\ 0.0061$	0.0007 0.0056	0.0006 0.0051	0.0006 0.0047	0.0005 0.0043	0.0005 0.0039	0.0004 0.0036	0.0004 0.0033	0.0003 0.0030
2	0.0275	0.0001	0.0236	0.0031	0.0203	0.0188	0.0037	0.0050	0.0149	0.0138
3	0.0767	0.0719	0.0674	0.0632	0.0591	0.0554	0.0518	0.0485	0.0453	0.0424
4	0.1641	0.1555	0.1473	0.1395	0.1321	0.1249	0.1181	0.1117	0.1055	0.0996
5	0.2881	0.2759	0.2640	0.2526	0.2414	0.2307	0.2203	0.2103	0.2006	0.1912
6 7	0.4349 0.5838	0.4204 0.5689	0.4060 0.5541	0.3920 0.5393	0.3782 0.5246	0.3646 0.5100	0.3514 0.4956	0.3384 0.4812	0.3257 0.4670	0.3134 0.4530
8	0.3838	0.3089	0.5341	0.5393	0.5240	0.5100	0.4930	0.4812	0.4070	0.4330
9	0.8202	0.8097	0.7988	0.7877	0.7764	0.7649	0.7531	0.7411	0.7290	0.7166
10	0.8942	0.8867	0.8788	0.8707	0.8622	0.8535	0.8445	0.8352	0.8257	0.8159
11	0.9420	0.9371	0.9319	0.9265	0.9208	0.9148	0.9085	0.9020	0.8952	0.8881
12	0.9703	0.9673	0.9642	0.9609	0.9573	0.9536	0.9496	0.9454	0.9409	0.9362
13	0.9857	0.9841	0.9824	0.9805	0.9784	0.9762	0.9739	0.9714	0.9687	0.9658
14	0.9935	0.9927 0.9969	0.9918	0.9908 0.9959	0.9897 0.9954	0.9886 0.9948	0.9873 0.9941	0.9859 0.9934	0.9844 0.9926	0.9827 0.9918
15 16	0.9972 0.9989	0.9969	0.9964 0.9985	0.9959	0.9954	0.9948	0.9941	0.9934	0.9926	0.9918
17	0.9996	0.9995	0.9994	0.9993	0.9992	0.9991	0.9989	0.9988	0.9986	0.9984
18	0.9998	0.9998	0.9998	0.9997	0.9997	0.9996	0.9996	0.9995	0.9994	0.9993
19	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9998	0.9997
20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999
21	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
X	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
0	0.0003	0.0003	0.0002	0.0002	0.0002	<b>8.6</b> 0.0002	0.0002	0.0002	0.0001	0.0001
0	0.0003 0.0028	0.0003 0.0025	0.0002 0.0023	0.0002 0.0021	0.0002 0.0019	8.6 0.0002 0.0018	0.0002 0.0016	0.0002 0.0015	0.0001 0.0014	0.0001 0.0012
0 1 2	0.0003 0.0028 0.0127	0.0003 0.0025 0.0118	0.0002 0.0023 0.0109	0.0002 0.0021 0.0100	0.0002 0.0019 0.0093	8.6 0.0002 0.0018 0.0086	0.0002 0.0016 0.0079	0.0002 0.0015 0.0073	0.0001 0.0014 0.0068	0.0001 0.0012 0.0062
0 1 2 3	0.0003 0.0028 0.0127 0.0396	0.0003 0.0025 0.0118 0.0370	0.0002 0.0023 0.0109 0.0346	0.0002 0.0021 0.0100 0.0323	0.0002 0.0019 0.0093 0.0301	8.6 0.0002 0.0018 0.0086 0.0281	0.0002 0.0016 0.0079 0.0262	0.0002 0.0015 0.0073 0.0244	0.0001 0.0014 0.0068 0.0228	0.0001 0.0012 0.0062 0.0212
0 1 2 3 4	0.0003 0.0028 0.0127	0.0003 0.0025 0.0118	0.0002 0.0023 0.0109	0.0002 0.0021 0.0100	0.0002 0.0019 0.0093	8.6 0.0002 0.0018 0.0086	0.0002 0.0016 0.0079	0.0002 0.0015 0.0073	0.0001 0.0014 0.0068	0.0001 0.0012 0.0062
0 1 2 3	0.0003 0.0028 0.0127 0.0396 0.0941	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896	0.0002 0.0023 0.0109 0.0346 0.0837	0.0002 0.0021 0.0100 0.0323 0.0789	0.0002 0.0019 0.0093 0.0301 0.0744	8.6 0.0002 0.0018 0.0086 0.0281 0.0701	0.0002 0.0016 0.0079 0.0262 0.0660	0.0002 0.0015 0.0073 0.0244 0.0621	0.0001 0.0014 0.0068 0.0228 0.0584	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068
0 1 2 3 4 5 6 7	0.0003 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239
0 1 2 3 4 5 6 7 8	0.0003 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557
0 1 2 3 4 5 6 7 8 9	0.0003 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874
0 1 2 3 4 5 6 7 8 9 10	0.0003 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659 0.7743	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060
0 1 2 3 4 5 6 7 8 9 10	0.0003 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058 0.8807	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956 0.8731	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850 0.8652	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659 0.7743 0.8571	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522 0.8400	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409 0.8311	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294 0.8220	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178 0.8126	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030
0 1 2 3 4 5 6 7 8 9 10 11 12	0.0003 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659 0.7743	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178 0.8126 0.8829 0.9311	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14	0.0003 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058 0.8807 0.9313 0.9628 0.9810	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956 0.8731 0.9261 0.9595 0.9791	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850 0.8652 0.9207 0.9561 0.9771	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659 0.7743 0.8571 0.9150 0.9524	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522 0.8400 0.9029 0.9445 0.9701	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409 0.8311 0.8965 0.9403 0.9675	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294 0.8220 0.8898 0.9358 0.9647	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178 0.8126 0.8829 0.9311 0.9617	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9262 0.9585
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	0.0003 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058 0.8807 0.9313 0.9628 0.9810 0.9908	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956 0.8731 0.9261 0.9595 0.9791 0.9898	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850 0.8652 0.9207 0.9561 0.9771	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659 0.7743 0.8571 0.9150 0.9524 0.9749	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522 0.8400 0.9029 0.9445 0.9701 0.9848	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409 0.8311 0.8965 0.9403 0.9675 0.9832	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294 0.8220 0.8898 0.9358 0.9647 0.9816	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178 0.8126 0.8829 0.9311 0.9617 0.9798	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9262 0.9585 0.9780
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	0.0003 0.0028 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058 0.8807 0.9313 0.9628 0.9958	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956 0.8731 0.9261 0.9595 0.9791 0.9898 0.9953	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850 0.8652 0.9207 0.9561 0.9771 0.9887 0.9947	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.7743 0.8571 0.9150 0.9524 0.9749 0.9875	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862 0.9934	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522 0.8440 0.9029 0.9445 0.9701 0.9848 0.9926	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409 0.8311 0.8965 0.9403 0.9675 0.9832	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294 0.8220 0.8898 0.9358 0.9647 0.9816 0.9909	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178 0.8126 0.8829 0.9311 0.9617 0.9798	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9262 0.9585 0.9780
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	0.0003 0.0028 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058 0.8807 0.9313 0.9628 0.9810 0.9908 0.9958	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956 0.8731 0.9261 0.9595 0.9791 0.9898 0.9953 0.9979	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850 0.8652 0.9207 0.9561 0.9771 0.9887 0.9947	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659 0.7743 0.8571 0.9150 0.9524 0.9749 0.9875 0.9973	0.0002 0.0019 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862 0.9934 0.9970	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522 0.8400 0.9029 0.9445 0.9701 0.9848 0.9926 0.9966	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409 0.8311 0.8965 0.9403 0.9675 0.9832 0.9918	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294 0.8220 0.8898 0.9358 0.9647 0.9816 0.9909 0.9957	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178 0.8126 0.8829 0.9311 0.9617 0.9798 0.9899 0.9952	0.0001 0.00012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9262 0.9585 0.9780
0 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16 17 18	0.0003 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058 0.8807 0.9313 0.9628 0.9810 0.9908 0.9958 0.9992	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956 0.8731 0.9261 0.9595 0.9791 0.9898 0.9953 0.9979	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850 0.8652 0.9207 0.9561 0.9771 0.9887 0.9947 0.9947	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659 0.7743 0.8571 0.9150 0.9524 0.9749 0.9875 0.9941	0.0002 0.0019 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862 0.9934 0.9970 0.9987	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522 0.8400 0.9029 0.9445 0.9701 0.9848 0.9926 0.9985	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409 0.8311 0.8965 0.9403 0.9675 0.9832 0.9918	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294 0.8220 0.8898 0.9358 0.9647 0.9816 0.9909 0.9957 0.9981	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178 0.8126 0.8829 0.9311 0.9617 0.9798 0.9899 0.9952	0.0001 0.00012 0.0062 0.0212 0.0550 0.1155 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9262 0.9585 0.9780 0.9889 0.9947
0 1 2 3 4 5 6 6 7 8 9 10 11 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	0.0003 0.0028 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058 0.8807 0.9313 0.9628 0.9810 0.9908 0.9958	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956 0.8731 0.9261 0.9595 0.9791 0.9898 0.9953 0.9979	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850 0.8652 0.9207 0.9561 0.9771 0.9887 0.9947	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659 0.7743 0.8571 0.9150 0.9524 0.9749 0.9875 0.9973	0.0002 0.0019 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862 0.9934 0.9970	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522 0.8400 0.9029 0.9445 0.9701 0.9848 0.9926 0.9966	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409 0.8311 0.8965 0.9403 0.9675 0.9832 0.9918	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294 0.8220 0.8898 0.9358 0.9647 0.9816 0.9909 0.9957	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178 0.8126 0.8829 0.9311 0.9617 0.9798 0.9899 0.9952	0.0001 0.00012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9262 0.9585 0.9780
0 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16 17 18	0.0003 0.0028 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058 0.8807 0.9313 0.9628 0.9810 0.9908 0.9958 0.9982 0.9992	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956 0.8731 0.9261 0.9595 0.9791 0.9898 0.9953 0.9997	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850 0.8652 0.9207 0.9561 0.9771 0.9887 0.9947 0.9997	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659 0.7743 0.8571 0.9150 0.9524 0.9749 0.9875 0.9941 0.9973 0.9989 0.9995	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862 0.9934 0.9970 0.9987 0.9998 0.9999	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522 0.8400 0.9029 0.9445 0.9701 0.9848 0.9926 0.9966 0.9985 0.9994	0.0002 0.0016 0.0079 0.0262 0.0662 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409 0.8311 0.8965 0.9403 0.9675 0.9832 0.9918 0.9962	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294 0.8220 0.8898 0.9358 0.9647 0.9909 0.9957 0.9981	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178 0.8126 0.8829 0.9311 0.9617 0.9798 0.9995 0.9998	0.0001 0.00012 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9262 0.9585 0.9780 0.9987 0.9996 0.9996
0 1 2 3 4 5 6 6 7 8 9 10 11 11 12 13 14 15 16 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	0.0003 0.0028 0.0028 0.0127 0.0396 0.0941 0.1823 0.3013 0.4391 0.5786 0.7041 0.8058 0.8807 0.9313 0.9628 0.9810 0.9908 0.9958 0.9992 0.9992 0.99997	0.0003 0.0025 0.0118 0.0370 0.0887 0.1736 0.2896 0.4254 0.5647 0.6915 0.7956 0.8731 0.9261 0.9595 0.9791 0.9898 0.9953 0.9979 0.9991	0.0002 0.0023 0.0109 0.0346 0.0837 0.1653 0.2781 0.4119 0.5508 0.6788 0.7850 0.8652 0.9207 0.9561 0.9771 0.9887 0.9947 0.9990 0.9998	0.0002 0.0021 0.0100 0.0323 0.0789 0.1573 0.2670 0.3987 0.5369 0.6659 0.7743 0.8571 0.9150 0.9524 0.9749 0.9875 0.9941 0.9973 0.9989 0.9998	0.0002 0.0019 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862 0.9934 0.9970 0.9987 0.9998	8.6 0.0002 0.0018 0.0086 0.0281 0.0701 0.1422 0.2457 0.3728 0.5094 0.6400 0.7522 0.8400 0.9029 0.9445 0.9701 0.9848 0.9926 0.9985 0.9998	0.0002 0.0016 0.0079 0.0262 0.0660 0.1352 0.2355 0.3602 0.4958 0.6269 0.7409 0.8311 0.8965 0.9403 0.9675 0.9832 0.9918 0.9962 0.9983	0.0002 0.0015 0.0073 0.0244 0.0621 0.1284 0.2256 0.3478 0.4823 0.6137 0.7294 0.8220 0.8898 0.9358 0.9647 0.9999 0.9957	0.0001 0.0014 0.0068 0.0228 0.0584 0.1219 0.2160 0.3357 0.4689 0.6006 0.7178 0.8126 0.8829 0.9311 0.9617 0.9798 0.99952	0.0001 0.00012 0.0012 0.0062 0.0212 0.0555 0.1157 0.2068 0.3239 0.4557 0.5876 0.7060 0.8030 0.8758 0.9262 0.9780 0.9780 0.9989 0.9996

ESTADÍSTICA I 10<u>.</u>

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2	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0
		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000
]		0.0010 0.0053	0.0009 0.0049	0.0009 0.0045	0.0008 0.0042	0.0007 0.0038	0.0007 0.0035	0.0006 0.0033	0.0005 0.0030	0.0005 0.0028
	2 0.0058 0.0198	0.0033	0.0049	0.0043	0.0042	0.0038	0.0033	0.0033	0.0030	0.0028
		0.0184	0.0172	0.0100	0.0149	0.0138	0.0129	0.0120	0.0111	0.0103
	0.0517	0.1041	0.0430	0.0429	0.0403	0.0378	0.0333	0.0333	0.0312	0.0293
		0.1892	0.1808	0.0733	0.1650	0.0636	0.1502	0.1433	0.0710	0.1301
,	,	0.3010	0.1000	0.1727	0.1636	0.1575	0.1302	0.1433	0.1300	0.2202
į	0.0 0	0.4296	0.4168	0.4042	0.3918	0.3796	0.3676	0.3558	0.3442	0.3328
		0.5611	0.5480	0.5349	0.5218	0.5089	0.4960	0.4832	0.4705	0.4579
-	0 0.6941	0.6820	0.6699	0.6576	0.6453	0.6330	0.6205	0.6081	0.5956	0.5830
ī		0.7832	0.7730	0.7626	0.7570	0.7412	0.7303	0.7193	0.7081	0.6968
1		0.8607	0.8529	0.8448	0.8364	0.8279	0.8191	0.8101	0.8009	0.7916
	<b>3</b> 0.9210	0.9156	0.9100	0.9042	0.8981	0.8919	0.8853	0.8786	0.8716	0.8645
1	4 0.9552	0.9517	0.9480	0.9441	0.9400	0.9357	0.9312	0.9265	0.9216	0.9165
1	5 0.9760	0.9738	0.9715	0.9691	0.9665	0.9638	0.9609	0.9579	0.9546	0.9513
1	<b>6</b> 0.9878	0.9865	0.9852	0.9838	0.9823	0.9806	0.9789	0.9770	0.9751	0.9730
1	<b>7</b> 0.9941	0.9934	0.9927	0.9919	0.9911	0.9902	0.9892	0.9881	0.9870	0.9857
1	8 0.9973	0.9969	0.9966	0.9962	0.9957	0.9952	0.9947	0.9941	0.9935	0.9928
1		0.9986	0.9985	0.9983	0.9980	0.9978	0.9975	0.9972	0.9969	0.9965
	0.9995	0.9994	0.9993	0.9992	0.9991	0.9990	0.9989	0.9987	0.9986	0.9984
2		0.9998	0.9997	0.9997	0.9996	0.9996	0.9995	0.9995	0.9994	0.9993
2		0.9999	0.9999	0.9999	0.9999	0.9998	0.9998	0.9998	0.9997	0.9997
2		1.0000	1.0000	1.0000	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
2		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	5 1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
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X	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0
0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	$0.0002 \\ 0.0012$	0.0001 0.0005	0.0000 0.0002	0.0000 0.0001	0.0000 $0.0000$	0.0000 $0.0000$	0.0000	0.0000 $0.0000$	0.0000 $0.0000$	0.0000
2	0.0012	0.0003	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.0049	0.0023	0.0011	0.0003	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000
5	0.0131	0.0203	0.0037	0.0018	0.0009	0.0004	0.0002	0.0001	0.0000	0.0001
6	0.0375	0.0203	0.0259	0.0033	0.0026	0.0014	0.0007	0.0003	0.0002	0.0001
7	0.0760	0.0495	0.0540	0.0142	0.0180	0.0100	0.0021	0.0010	0.0003	0.0008
8	0.2320	0.0555	0.0998	0.0510	0.0130	0.0100	0.0034	0.0023	0.0013	0.0021
9	0.3405	0.2424	0.1658	0.1094	0.0699	0.0433	0.0261	0.0154	0.0089	0.0050
ĺO	0.4599	0.3472	0.2517	0.1757	0.1185	0.0774	0.0491	0.0304	0.0183	0.0108
ĭĭ	0.5793	0.4616	0.3532	0.2600	0.1848	0.1270	0.0847	0.0549	0.0347	0.0214
12	0.6887	0.5760	0.4631	0.3585	0.2676	0.1931	0.1350	0.0917	0.0606	0.0390
13	0.7813	0.6815	0.5730	0.4644	0.3632	0.2745	0.2009	0.1426	0.0984	0.0661
14	0.8540	0.7720	0.6751	0.5704	0.4657	0.3675	0.2808	0.2081	0.1497	0.1049
15	0.9074	0.8444	0.7636	0.6694	0.5681	0.4667	0-3715	0.2867	0.2148	0.1565
16	0.9441	0.8987	0.8355	0.7559	0.6641	0.5660	0.4677	0.3751	0.2920	0.2211
<b>1</b> 7	0.9678	0.9370	0.8905	0.8272	0.7489	0.6593	0.5640	0.4686	0.3784	0.2970
18	0.9823	0.9626	0.9302	0.8826	0.8195	0.7423	0.6550	0.5622	0.4695	0.3814
19	0.9907	0.9787	0.9573	0.9235	0.8752	0.8122	0.7363	0.6509	0.5606	0.4703
20	0.9953	0.9884	0.9750	0.9521	0.9170	0.8682	0.8055	0.7307	0.6472	0.5591
21	0.9977	0.9939	0.9859	0.9712	0.9469	0.9108	0.8615	0.7991	0.7255	0.6437
22	0.9990	0.9970	0.9924	0.9833	0.9673	0.9418	0.9047	0.8551	0.7931	$0.720\epsilon$
23	0.9995	0.9985	0.9960	0.9907	0.9805	0.9633	0.9367	0.8989	0.8490	0.7875
24	0.9998	0.9993	0.9980	0.9950	0.9888	0.9777	0.9S94	0.9317	0.8933	0.&43
25	0.9999	0.9997	0.9990	0.9974	0.9938	0.9869	0.9748	0.9554	0.9269	0.8878
26	1.0000	0.9999	0.9995	0.9987	0.9967	0.9925	0.9848	0.9718	0.9514	0.9221
27	1.0000	0.9999	0.9998	0.9994	0.9983	0.9959	0.9912	0.9827	0.9687	0.9475
28	1.0000	1.0000	0.9999	0.9997	0.9991	0.9978	0.9950	0.9897	0.9?05	0.9657
29	1.0000	1.0000	1.0000	0.9999	0.9996	0.9989	0.9973	0.9941	0.9882	0.9782
30	1.0000	1.0000	1.0000	0.9999	0.9998 0.9999	0.9994	0.9986 0.9993	0.9967	0.9930	0.9865
31 32	1.0000 1.0000	1.0000 1.0000	1.0000 1.0000	1.0000 1.0000	1.0000	0.9997 0.9999	0.9993	0.9982 0.9990	0.9960 0.9978	0.9919
32 33	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9995	0.9978	0.9973
33 34	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9994	0.9985
34 35	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9992
36	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9996
37	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
38	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999
32	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9996	0.9990	0.9978	0.9953
33	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9995	0.9988	0.997
34	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9994	0.9985
35	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.999
36	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.999
37	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
38	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

 Tabla 3

 Función de Distribución y de Probabilidad Hipergeométrica.

N	n	k	x	F(x)	P(x)	N	n	k	x	F(x)	P(x)
2 2	1	1	0	0.500000	0.500000	6	3	2 2	1 2	0.800000	0.600000
2	1	1	1	1.000000	0.500000	6	3	2		1.000000	0.200000
3	1	1	0	0.666667	0.666667	6	3	3	0	0.050000	0.050000
3 3	1	1	1	1.000000	0.333333	6	3	3	1	0.500000	0.450000
3	2	1	0	0.333333	0.333333	6			2	0.950000	0.450000
3	2	1	1	1.000000	0.666667	6	3	3	3	1.000000	0.050000
3	2	2 2	1	0.666667	0.666667	6	4	1	0	0.333333	0.333333
	2		2	1.000000	0.333333	6	4	1	1	1.000000	0.666667
4	1	1	0	0.750000	0.760000	6	4	2	0	0.066667	0.066667
4	1	1	1	1.000000	0.250000	6	4	2 2	1	0.600000	0.533333
4	2	1	0	0.500000	0.500000	6	4	2	2	1.000000	0.400000
4	2	1	1	1.000000	0.500000	6	4	3	1	0.200000	0.200000
4	2 2	2 2	0	0.166667	0.166667	6	4	3	2 3	0.800000	0.600000
4	2		1	0.833333	0.666667	6	4		3	1.000000	0.200000
4	2	2	2	1.000000	0.166667	6	4	4	2	0.400000	0.400000
4 4	3	1 1	0 1	0.250000	0.250000	6	4 4	4 4	3	0.933333 1.000000	0.533333
4	3	2	1	1.000000 0.500000	0.750000 0.500000	6		1	0	0.166667	0.066667 0.166667
4	3		2			6	5	_			
4	3	2	$\frac{2}{2}$	1.000000 0.750000	0.500000 0.750000	6 6	5 5	1 2	1 I	1.000000 0.333333	0.833333 0.333333
4	3	3	3	1.000000	0.750000	6	5	$\frac{2}{2}$	2	1.000000	0.666667
5	1	1	0	0.800000	0.230000	6		3		0.500000	0.500007
5	1	1	1	1.000000	0.200000	6	5 5	3	2 3	1.000000	0.500000
5	2	1	0	0.600000	0.600000	6	5	4	3	0.666667	0.666667
5	2	1	1	1.000000	0.400000	6	5	4	4	1.000000	0.333333
5	2 2	2	0	0.300000	0.300000	6	5 5	5	4	0.833333	0.833333
5	2	$\frac{2}{2}$	1	0.900000	0.600000	6	5	5	5	1.000000	0.166667
5	2	2	2	1.000000	0.100000	7	1	1	0	0.857143	0.857143
5 5	2 3	1	$\tilde{0}$	0.400000	0.400000	7	i	1	1	1.000000	0.142857
5	3	î	ĭ	1.000000	0.600000	7	2	î	0	0.714286	0.714286
5	3		0	0.100000	0.100000	7		î	1	1.000000	0.285714
5	3	2 2	ĭ	0.700000	0.600000	7	2 2	2	Ô	0.476190	0.476190
5	3	$\bar{2}$	2	1.000000	0.300000	7	$\bar{2}$	$\bar{2}$	ĭ	0.952381	0.476190
5	3	3	1	0.300000	0.300000	7	$\bar{2}$	$\bar{2}$	2	1.000000	0.047619
5	3	3	2	0.900000	0.600000	7	$\bar{3}$	$\bar{1}$	ō	0.571429	0.571429
5	3	3	3	1.000000	0.100000	7	3	1	1	1.000000	0.428571
5	4	1	0	0.200000	0.200000	7			0	0.285714	0.285714
5	4	1	1	1.000000	0.800000	7	3	2 2 2	1	0.857143	0.571429
5	4	2	1	0.400000	0.400000	7	3		2	1.000000	0.142857
5 5	4	2	2 2	0.000000	0.600000	7	3	3	0	0.114286	0.114286
5	4	2 3	2	0.600000	0.600000	7	3	3	1	0.628571	0.514286
5	4	3	3	1.000000	0.400000	7	3	3	2	0.971428	0.342857
5 5	4	4	3	0.800000	0.800000	7	3	3	3	1.000000	0.028571
	4	4	4	1.000000	0.200000	7	4	1	0	0.428571	0.428571
6	1	1	0	0.833333	0.833333	7	4	1	1	1.000000	0.571429
6	1	1	1	1.000000	0.166667	7	4	2 2	0	0.142857	0.142857
6	2	1	0	0.666667	0.666667	7	4		1	0.714286	0.571429
6	2	1	1	1.000000	0.333333	7	4	2	2	1.000000	0.285714
6	2	2	0	0.400000	0.400000	7	4	3	0	0.025571	0.028571
6	2	2	1	0.933333	0.533333	7	4		1	0.371429	0.342857
6	2	2	2	1.000000	0.066667	7	4	3	2	0.885714	0.514286
6	3	1	0	0.500000	0.500000	7	4	3	3	1.000000	0.114286
6	3	1	1	1.000000	0.500000	7	4	4	1	0.114286	0.114286
6	3	2	0	0.200000	0.200000	7	4	4	2	0.628571	0.514286

N	n	k	x	F(x)	P(x)	N	n	k	x	F(x)	P(x)
7	4	4	3	0.971428	0342857	8	5	1	1	1.000000	0.625000
7	4	4	4	1.000000	0.028571	8	5	2 2	0	0.107143	0.107143
7	5	1	0	0.285714	0.285714	8	5		1	0.642857	0.5357I4
7	5	1	1	1.000000	0.714286	8	5	2	2	1.000000	0.357143
7 7	5 5	2 2	0 1	0.047619	0.047619 0.476190	8	5 5	3	0 1	0.017857 0.285714	0.017857
7	5	2	2	0.523809 1.000000	0.476190	8	5	3	2	0.283714	0.267857 0.535714
7		3	1	0.142857	0.470190	8		3	3	1.000000	0.178571
7	5 5	3	2	0.714286	0.571429	8	5 5	4	1	0.071429	0.071429
7	5	3	3	1.000000	0.285714	8	5	4	2	0.500000	0.428571
7	5	4		0.285714	0.285714	8	5	4	3	0.928571	0.428571
7	5 5	4	2 3	0.857143	0.571429	8	5	4	4	1.000000	0.071429
7	5	4	4	1.000000	0.142857	8	5	5	2	0.178571	0.178571
7	5 5	5	3	0.476190	0.476190	8	5 5	5 5	3	0.714286	0.535714 0:267857
7	5	5	4	0.952381	0.476190				4	0.982143	
7	5	5	5	1.000000	0.047619	8	5	5	5	1.000000	0.017857
7	6	1	0	0.142857	0.142857	8	6	1	0	0.250000	0.250000
7	6	1	1	1.000000	0.857143	8	6	1	1	1.000000	0.750000
7	6	2	1	0.285714	0.285714	8	6	2	0	0.035714	0.035714
7	6	2	2	1.000000	0.714286	8	6	2	1	0.464286	0.428571
7	6	3	2	0.428571	0.428571	8	6	2	2	1.000000	0.535714
7	6	3	3	1.000000	0.571429	8	6		1	0.107143	0.107143
7 7	6 6	4	3 4	0.571429 1.000000	0.571429 0.428571	8	6	3	2	0.642857	0.535714
7	6	4 5	4	0.714286	0.428371	8	6 6	3 4	3 2	1.000000 0.214286	0.357143 0.214286
7	6	5	5	1.000000	0.285714	8	6	4	3	0.785714	0.571429
7	6	6	5	0.857143	0.857143	8	6	4	4	1.000000	0.214286
7	6	6	6	1.000000	0.142857	8	6	5	3	0.357143	0.357143
8	1	1	ő	0.875000	0.875000	8	6	5	4	0.892857	0.535714
8	1	1	ĭ	1.000000	0.125000	8	6	5	5	1.000000	0.107143
8	2	1	0	0.750000	0.750000	8	6	6	4	0.535714	0.535714
8	2	1	1	1.000000	0.250000	8	6	6	5	0.964286	0.428571
8	2 2 2	2	0	0.535714	0.535714	8	6	6	6	1.000000	0.035714
8	2	2 2 2	1	0.964286	0.428571	8	7	1	0	0.125000	0.125000
8	2		2	1.000000	0.035714		7	1	1	1.000000	0.875000
8	3	1	0	0.625000	0.625000	8	7	2	1	0.250000	0.250000
8 8	3	1 2	1	1.000000 0.357143	0.375000 0.357143	8	7 7	2 3	2 2	1.000000 0.375000	0.750000 0.375000
8	3	$\frac{2}{2}$	1	0.892857	0.5357143	8	7	3	3	1.000000	0.625000
8		$\frac{2}{2}$	2	1.000000	0.107143	8	7	4	3	0.500000	0.500000
8	3	3	$\tilde{0}$	0.178571	0.178571	8	7	4	4	1.000000	0.500000
8	3	1	ĭ	0.714286	0.535714	8	7	5	4	0.625000	0.625000
8	3	3		0.982143	0.267857	8	7	5	5	1.000000	0.375000
8	3	3	2 3	1.000000	0.017857	8	7	6	5	0.750000	0.750000
8	4	1	0	0.500000	0.500000	8	7	6	6	1.000000	0.250000
8	4	1	1	1.000000	0.500000	8	7	7	6	0.875000	0.875000
8	4	2	0	0.214286	0.214286	8	7	7	7	1.000000	0.125000
8	4	2	1	0.785714	0.571429	9	1	1	0	0.888889	0.888889
8	4	2	2	1.000000	0.214286	9	1	1	1	1.000000	0.111111
8	4			0.071429 0.500000	0.071429	9	2 2	1 1	0 1	0.777778 1.000000	0.777778 0.222222
8	4	3	1	0.928571	0.428571 0.428571	9	2	2	0	0.583333	0.583333
8 8	4 4	3	2	1.000000	0.428371	9	$\frac{2}{2}$	$\frac{2}{2}$	1	0.363333	0.388889
8	4	4	0	0.014286	0.071429	9	$\frac{2}{2}$	$\frac{2}{2}$	2	1.000000	0.027778
8	4	4	1	0.242857	0.228571	9	3	1	0	0.666667	0.666667
8	4	4	2	0.757143	0.5142S6	9	3	1	1	1.000000	0.333333
8	4	4	3	0.985714	0.228571	9	3	2	0	0.416667	0.416667
8	4	4	4	1.000000	0.014286	9	3	2	1	0.916667	0.500000
8	5	1	0	0.375000	0.375000	9	3	2	2	1.000000	0.083333

ESTADÍSTICA I 14.

N	n	k	x	F(x)	P(x)	N	n	k	x	F(x)	P(x)
9	3	3	0	0.238095	0.238095	9	7	2	1	0.416667	0.388889
9 9	3	3	1 2	0.773809 0.988095	0.535714	9	7 7	2 3	2	1.000000 0.083333	0.583333
9	3	3	3	1.000000	0.214286 0.011905	9	7	3	2	0.083333	0.083333 0.500000
9	4	1	0	0.555556	0.555556	9	7	3	3	1.000000	0.416667
9	4	1	1	1.000000	0.444444	9	7	4	2	0.166667	0.166667
9	4	2	0	0.277778	0.277778	9	7	4	3	0.722222	0.555556
9 9	4 4	2	1 2	0.833333 1.000000	0.555556 0.166667	9	7 7	4 5	4	1.000000 0.277778	0.277778 0.277778
9	4	3	0	0.119048	0.119048	9	7	5	4	0.833333	0.555556
9	4	3	1	0.595238	0.476190	9	7	5	5	1.000000	0.166667
9	4	3	2	0.952381	0.357143	9	7	6	4	0.416667	0.416667
9 9	4 4	3 4	3	1.000000 0.039683	0.047619 0.039683	9	7 7	6 6	5 6	0.916667 1.000000	0.500000 0.833333
9	4	4	1	0.357143	0.317460	9	7	7	5	0.583333	0.583333
9	4	4	2	0.833333	0.476190	9	7	7	6	0.972222	0.388889
9	4	4	3	0.992063	0.158730	9	7	7	7	1.000000	0.027778
9 9	4 5	4 1	4 0	1.000000 0.444444	0.007936 0.444444	9	8	1 1	0 1	0.111111 1.000000	0.111111 0.888889
9	5	1	1	1.000000	0.555556	9	8	2	1	0.222222	0.222222
9	5	2	Ō	0.166667	0.166667	9	8	2	2	1.000000	0.777778
9	5	2	1	0.722222	0.555556	9	8	3	2	0.333333	0.333333
9 9	5 5	2	2	1.000000 0.047619	0.277778 0.047619	9	8	3 4	3	1.000000 0.444444	0.666667 0.444444
9	5	3	1	0.404762	0.357143	9	8	4	4	1.000000	0.555556
9	5	3	2	0.880952	0.476190	9	8	5	4	0.555556	0.555556
9	5	3	3	1.000000	0.119048	9	8	5	5	1.000000	0.444444
9 9	5 5	4 4	0 1	0.007936	0.007936 0.158730	9	8 8	6	5	0.666667 1.000000	0.666667 0.333333
9	5	4	2	0.166667 0.642857	0.138730	9	8	6 7	6 6	0.777778	0.333333
9	5	4	3	0.960317	0.317460	9	8	7	7	1.000000	0.222222
9	5	4	4	1.000000	0.039683	9	8	8	7	0.888889	0.888889
9 9	5 5	5 5	1 2	0.039683 0.357143	0.039683 0.317460	9 10	8 1	8 1	8	1.000000 0.900000	0.111111 0.900000
9	5	5	3	0.833333	0.317400	10	1	1	1	1.000000	0.100000
9	5	5	4	0.992063	0.158730	10	2	i	0	0.800000	0.800000
9	5	5	5	1.000000	0.007936	10	2	1	1	1.000000	0.200000
9 9	6 6	1 1	0 1	0.333333 1.000000	0.333333 0.666667	10 10	2	2 2	0 1	0.622222 0.977778	0.622222 0.355556
9	6	2	0	0.083333	0.083333	10	$\frac{2}{2}$	2	2	1.000000	0.022222
9	6	$\frac{2}{2}$	1	0.583333	0.500000	10	3	1	õ	0.700000	0.700000
9	6	2	2	1.000000	0.416667	10	3	1	1	1.000000	0.300000
9 9	6	3	0 1	0.011905 0.226190	0.011905	10	3	2	0	0.466667	0.466667
9	6 6	3	2	0.761905	0.214286 0.535714	10 10	3 3	2 2	$\frac{1}{2}$	0.933333 1.000000	0.466667 0.066667
9	6	3	3	1.000000	0.238095	10	3	3	$\bar{0}$	0.291667	0.291667
9	6	4	1	0.047619	0.047619	10	3	3	1	0.816667	0.525000
9 9	6 6	4 4	2 3	0.404762 0.880952	0.357143 0.476190	10 10	3	3	2	0.991667 1.000000	0.175000
9	6	4	4	1.000000	0.476190	10	3 4	1	0	0.600000	0.008333 0.600000
9	6	5	2	0.119048	0.119048	10	4	î	ĭ	1.000000	0.400000
9	6	5	3	0.595238	0.476190	10	4	2	0	0.333333	0.333333
9	6 6	5 5	4 5	0.952381 1.000000	0.357143 0.047619	10	4	2 2	1 2	0.866667	0.533333
9	6	6	3	0.238095	0.047019	10 10	4 4	3	$\overset{2}{0}$	1.000000 0.166667	0.133333 0.166667
9	6	6	4	0.773809	0.535714	10	4		1	0.666667	0.500000
9	6	6	5	0.988095	0.214286	10	4	3	2	0.966667	0.300000
9	6 7	6	6	1.000000	0.011905 0.222222	10 10	4 4	3	3	1.000000	0.033333
9 9 9	7	1 1	0 1	0.222222 1.000000	0.22222	10	4	4	0 1	0.071429 0.452381	0.071429 0.380952
9	7	2	0	0.027778	0.027778	10	4	4	2	0.880952	0.428571
						l					

N	n	k	x	F(x)	P(x)	N	n	k	x	F(x)	P(x)
10	4	4	3	0.995238	0.114286	10	6	3	0	0.033333	0.033333
10	4 5	4	4	1.000000	0.004762	10	6	3	1	0.333333	0.300000
10		1	0	0.500000	0.500000	10	6		2	0.833333	0.500000
10	5	1	1	1.000000	0.500000	10	6	3	3	1.000000	0.166667
10	5	2 2	0	0.222222	0.222222	10	6	4	0	0.004762	0.004762
10	5		1	0.777778	0.555556	10	6	4	1	0.119048	0.114286
10	5	2	2	1.000000	0.222222	10	6	4	2	0.547619	0.428571
10	5	3	0	0.083333	0.083333	10	6	4	3	0.928571	0.380952
10	5	3	1	0.500000	0.416667	10	6	4	4	1.000000	0.071429
10	5	3	2	0.916667	0.416667	10	6	5	1	0.023810	0.023810
10	5	3	3	1.000000	0.083333	10	6	5	2	0.261905	0.238095
10	5	4	0	0.023810	0.023810	10	6	5	3	0.738095	0.476190
10	5	4	1	0.261905	0.238095	10	6	5	4	0.976190	0.238095
10	5	4	2	0.738095	0.476190	10	6	5	5	1.000000	0.023810
10	5	4		0.976190	0.238095	10	6	6	2	0.071429	0.071429
10	5	4	4	1.000000	0.023810	10	6	6	3	0.452381	0.380952
10	5	5 5	0	0.003968	0.003968	10	6	6	4	0.880952	0.428571
10	5		1	0.103175	0.099206	10	6	6	5	0.995238	0.114286
10	5	5	2	0.500000	0.396825	10	6	6	6	1.000000	0.004762
10	5	5	3	0.896825	0.396825	10	7	1	0	0.300000	0.300000
10	5	5	4	0.996032	0.099206	10	7	1	1	1.000000	0.700000
10	5	5	5	1.000000	0.003968	10	7	2	0	0.066667	0.066667
10	6	1	0	0.400000	0.400000	10	7	2 2	1	0.533333	0.466667
10	6	1	1	1.000000	0.600000	10	7	2	2	1.000000	0.466667
10	6	2	0	0.133333	0.133333	10	7	3	0	0.008333	0.008333
10	6	2	1	0.666667	0.533333	10	7	3	Ŏ	0.008333	0.008333
10	6	2	2	1.000000	0.333333		•	-	-		

ESTADÍSTICA I 16.

Tabla 4

## Función de Distribución Normal (0,1)

z	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
-3.5	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
-3.4	0.0003 0.0005	0.0003	0.0003	0.0003	0.0003 0.0004	0.0003	0.0003	0.0003 0.0004	0.0003	0.0002 0.0003
-3.3 -3.2	0.0003	0.0003	0.0005 0.0006	0.0004 0.0006	0.0004	0.0004 0.0006	0.0004 0.0006	0.0004	0.0004 0.0005	0.0003
-3.1	0.0010	0.0009	0.0009	0.0009	0.0008	0.0008	0.0008	0.0008	0.0007	0.0007
-3.0	0.0013	0.0013	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0010	0.0010
-2.9	0.0019	0.0018	0.0018	0.0017	0.0016	0.0016	0.0015	0.0015	0.0014	0.0014
-2.8	0.0026	0.0025	0.0024	0.0023	0.0023	0.0022	0.0021	0.0021	0.0020	0.0019
-2.7	0.0035	0.0034	0.0033	0.0032	0.0031	0.0030	0.0029	0.0028	0.0027	0.0026
-2.6	0.0047	0.0045	0.0044	0.0043	0.0041	0.0040	0.0039	0.0038	0.0037	0.0036
-2.5	0.0062	0.0060	0.0059	0.0057	0.0055	0.0054	0.0052	0.0051	0.0049	0.0048
-2.4 -2.3	0.0082 0.0107	0.0080 0.0104	$0.0078 \\ 0.0102$	0.0075 0.0099	0.0073 0.0096	0.0071 0.0094	0.0069 0.0091	0.0068 0.0089	0.0066 0.0087	0.0064 0.0084
-2.3	0.0139	0.0104	0.0102	0.0129	0.0125	0.0122	0.0011	0.0005	0.0007	0.0004
-2.1	0.0179	0.0174	0.0170	0.0166	0.0162	0.0158	0.0154	0.0150	0.0146	0.0143
-2.0	0.0228	0.0222	0.0217	0.0212	0.0207	0.0202	0.0197	0.0192	0.0188	0.0183
-1.9	0.0287	0.0281	0.0274	0.0268	0.0262	0.0256	0.0250	0.0244	0.0239	0.0233
-1.8	0.0359	0.0351	0.0344	0.0336	0.0329	0.0322	0.0314	0.0307	0.0301	0.0294
-1.7	0.0446	0.0436	0.0427	0.0418	0.0409	0.0401	0.0392	0.0384	0.0375	0.0367
-1.6	0.0548	0.0537	0.0526	0.0516	0.0505	0.0495	0.0485	0.0475	0.0465	0.0455
-1.5	0.0668	0.0655	0.0643	0.0630	0.0618	0.0606	0.0594	0.0582	0.0571	0.0559
-1.4	0.0808	0.0793	0.0778	0.0764	0.0749	0.0735	0.0721	0.0708	0.0694	0.0681
-1.3	0.0968	0.0951	0.0934	0.0918	0.0901	0.0885	0.0869	0.0853	0.0838	0.0823
-1.2	0.1151	0.1131	0.1112	0.1093	0.1075	0.1056	0.1038	0.1020	0.1003	0.0985
-1.1	0.1357	0.1335	0.1314	0.1292	0.1271	0.1251	0.1230	0.1210	0.1190	0.1170
-1.0	0.1587	0.1562	0.1539	0.1515	0.1492	0.1469	0.1446	0.1423	0.1401	0.1379
-0.9 -0.8	0.1841 0.2119	0.1814 0.2090	0.1788 0.2061	0.1762 0.2033	0.1736 0.2005	0.1711 0.1977	0.1685 0.1949	0.1660 0.1922	0.1635 0.1894	0.1611 0.1867
-0.7	0.2420	0.2389	0.2358	0.2327	0.2297	0.1277	0.2236	0.1722	0.1074	0.1307
-0.6	0.2743	0.2709	0.2676	0.2643	0.2611	0.2578	0.2546	0.2514	0.2483	0.2451
-0.5	0.3085	0.3050	0.3015	0.2981	0.2946	0.2912	0.2877	0.2843	0.2810	0.2776
-0.4	0.3446	0.3409	0.3372	0.3336	0.3300	0.3264	0.3228	0.3192	0.3156	0.3121
-0.3	0.3821	0.3783	0.3745	0.3707	0.3669	0.3632	0.3594	0.3557	0.3520	0.3483
-0.2	0.4207	0.4168	0.4129	0.4090	0.4052	0.4013	0.3974	0.3936	0.3897	0.3859
-0.1	0.4602	0.4562	0.4522	0.4483	0.4443	0.4404	0.4364	0.4325	0.4286	0.4247
-0.0	0.5000	0.4960	0.4920	0.4880	0.4840	0.4801	0.4761	0.4721	0.4681	0.4641
0.0	0.5000	0.5040	0.5080	0.5120	0.5160	0.5199	0.5239	0.5279	0.5319	0.5359
0.1	0.5398	0.5438	0.5478	0.5517	0.5557	0.5596	0.5636	0.5675	0.5714	0.5753
0.2	0.5793	0.5832	0.5871	0.5910	0.5948	0.5987	0.6026	0.6064	0.6103	0.6141
0.3	0.6179	0.6217	0.6255	0.6293	0.6331	0.6368	0.6406	0.6443	0.6480	0.6517
0.4	0.6554	0.6591	0.6628	0.6664	0.6700	0.6736	0.6772	0.6808	0.6844	0.6879
0.5	0.6915	0.6950	0.6985	0.7019	0.7054	0.7088	0.7123	0.7157	0.7190	0.7224
0.6	0.7257	0.7291	0.7324	0.7357	0.7389	0.7422	0.7454	0.7486	0.7517	0.7549
0.7	0.7580	0.7611	0.7642	0.7673	0.7703	0.7734	0-7764	0.7794	0.7823	0.7852
0.8	0.7881	0.7910	0.7939 0.8212	0.7967	0.7995 0.8264	0.8023 0.8289	0.8051	0.8078 0.8340	0.8106	0.8133 0.8389
0.9	0.8159 0.8413	0.8186 0.8438	0.8461	0.8238 0.8485	0.8508	0.8531	0.8315	0.8577	0.8365 0.8599	0.8621
1.0 1.1	0.8413	0.8438	0.8461	0.8485	0.8508	0.8531	0.8554 0.8770	0.8577	0.8599	0.8621
1.1	0.8849	0.8869	0.8888	0.8907	0.8729	0.8944	0.8962	0.8980	0.8997	0.8830
1.3	0.9032	0.9049	0.9066	0.9082	0.9099	0.9115	0.9131	0.9147	0.9162	0.9177
1.4	0.9192	0.9207	0.9222	0.9236	0.9251	0.9265	0.9279	0.9292	0.9306	0.9319
1.5	0.9332	0.9345	0.9357	0.9370	0.9382	0.9394	0.9406	0.9418	0.9429	0.9441
1.0			,., ,							

Z	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
1.6	0.9452	0.9463	0.9474	0.9484	0.9495	0.9505	0.9515	0.9525	0.9535	0.9545
1.7	0.9554	0.9564	0.9573	0.9582	0.9591	0.9599	0.9608	0.9616	0.9625	0.9633
1.8	0.9641	0.9649	0.9656	0.9664	0.9671	0.9678	0.9686	0.9693	0.9699	0.9706
1.9	0.9713	0.9719	0.9726	0.9732	0.9738	0.9744	0.9750	0.9756	0.9761	0.9767
2.0	0.9772	0.9778	0.9783	0.9788	0.9793	0.9798	0.9803	0.9808	0.9812	0.9817
2.1	0.9821	0.9826	0.9830	0.9834	0.9838	0.9842	0.9846	0.9850	0.9854	0.9857
2.2	0.9861	0.9864	0.9868	0.9871	0.9875	0.9878	0.9881	0.9884	0.9887	0.9890
2.3	0.9893	0.9896	0.9898	0.9901	0.9904	0.9906	0.9909	0.9911	0.9913	0.9916
2.4	0.9918	0.9920	0.9922	0.9925	0.9927	0.9929	0.9931	0.9932	0.9934	0.9936
2.5	0.9938	0.9940	0.9941	0.9943	0.9945	0.9946	0.9948	0.9949	0.9951	0.9952
2.6	0.9953	0.9955	0.9956	0.9957	0.9959	0.9960	0.9961	0.9962	0.9963	0.9964
2.7	0.9965	0.9966	0.9967	0.9968	0.9969	0.9970	0.9971	0.9972	0.9973	0.9974
2.8	0.9974	0.9975	0.9976	0.9977	0.9977	0.9978	0.9979	0.9979	0.9980	0.9981
2.9	0.9981	0.9982	0.9982	0.9983	0.9984	0.9984	0.9985	0.9985	0.9986	0.9986
3.0	0.9987	0.9987	0.9987	0.9988	0.9988	0.9989	0.9989	0.9989	0.9990	0.9990
3.1	0.9990	0.9991	0.9991	0.9991	0.9992	0.9992	0.9992	0.9992	0.9993	0.9993
3.2	0.9993	0.9993	0.9994	0.9994	0.9994	0.9994	0.9994	0.9995	0.9995	0.9995
3.3	0.9995	0.9995	0.9995	0.9996	0.9996	0.9996	0.9996	0.9996	0.9996	0.9997
3.4	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9998
3.5	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998

ESTADÍSTICA I 18.

	Ì				p					ĺ
g.l.	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
1	0.00	0.00	0.00	0.00	0.02	2.71	3.84	5.02	6.64	7.90
2	0.01	0.02	0.05	0.10	0.21	4.60	5.99	7.38	9.22	10.59
3	0.07	0.11	0.22	0.35	0.58	6.25	7.82	9.36	11.32	12.82
4	0.21	0.30	0.48	0.71	1.06	7.78	9.49	11.15	13.28	14.82
5	0.41	0.55	0.83	1.15	1.61	9.24	11.07	12.84	15.09	16.76
6	0.67	0.87	1.24	1.63	2.20	10.65	12.60	14.46	16.81	18.55
7	0.99	1.24	1.69	2.17	2.83	12.02	14.07	16.02	18.47	20.27
8	1.34 1.73	1.64 2.09	2.18 2.70	2.73 3.32	3.49 4.17	13.36 14.69	15.51 16.93	17.55 19.03	20.08 21.65	21.94 23.56
10	2.15	2.55	3.24	3.94	4.86	15.99	18.31	20.50	23.19	25.15
11	2.60	3.05	3.81	4.57	5.58	17.28	19.68	21.93	24.75	26.71
12 13	3.06 3.56	3.57 4.10	4.40 5.01	5.22 5.89	6.30 7.04	18.55 19.81	21.03 22.37	23.35 24.75	26.25 27.72	28.25 29.88
14	4.07	4.65	5.62	6.57	7.79	21.07	23.69	26.13	29.17	31.38
15	4.59	5.23	6.26	7.26	8.55	22.31	25.00	.27.50	30.61	32.86
16	5.14	5.81	6.90	7.96	9.31	23.55	26.30	28.86	32.03	34.32
17 18	5.69 6.25	6.40 7.00	7.56 8.23	8.67 9.39	10.08 10.86	24.77 25.99	27.59 28.88	30.20 31.54	33.43 34.83	35.77 37.21
19	6.82	7.63	8.23 8.90	9.39	11.65	23.99	30.15	32.87	36.22	38.63
20	7.42	8.25	9.59	10.85	12.44	28.42	31.42	34.18	37.59	40.05
21 22	8.02 8.62	8.89 9.53	10.28 10.98	11.59 12.34	13.24 14.04	29.62 30.82	32.68 33.93	35.49 36.79	38.96 40.31	41.45 42.84
23	9.25	10.19	11.69	13.09	14.04	32.01	35.93	38.09	40.51	44.23
24	9.87	10.85	12.40	13.84	15.66	33.20	36.42	39.38	43.00	45.60
25 26	10.50 11.13	11.51	13.11 13.84	14.61 15.38	16.47 17.29	34.38 35.57	37.66 38.89	40.66	44.34 45.66	46.97 48.33
27	11.79	12.19 12.87	14.57	16.15	18.11	36.74	40.12	41.94 43.21	46.99	49.69
28	12.44	13.55	15.30	16.92	18.94	37.92	41.34	44.47	48.30	51.04
29 30	13.09 13.77	14.24 14.94	16.04 16.78	17.70 18.49	19.77 20.60	39.09 40.26	42.56 43.78	45.74 46.99	49.61 50.91	52.38 53.71
35	17.16	18.49	20.56 24.42	22.46 26.51	24.79	46.06	49.81	53 22	57.36 63.71	60.31
40	20.67	22.14			29.06	51.80	55.75	59.34		66.80
45 50	24.28 27.96	25.88 29.68	28.36 32.35	30.61 34.76	33.36 37.69	57.50 63.16	61.65 67.50	65.41 71.42	69.98 76.17	73.20 79.52
60	35.50	37.46	40.47	43.19	46.46	74.39	79.08	83.30	88.40	91.98
70 80	43.25 51.14	45.42 53.52	48.75 57.15	51.74 60.39	55.33 64.28	85.52 96.57	90.53	95.03 106.63	100.44 112.34	104.24 116.35
80 90	51.14	53.52 61.74	57.15 65.64	69.13	64.28 73.29	96.57 107.56	101.88 113.14	106.63	112.34	128.32
100	67.30	70.05	74.22	77.93	82.36	118.49	124.34	129.56	135.82	140.19

**Tabla 6**Función de Distribución t-Student

				p			
g.l.	0.80	0.90	0.95	0.975	0.99	0.995	0.999
1	1.376	3.078	6.31	12.70	31.82	63.65	318.39
2	1.061	1.886	2.920	4.303	6.965	9.925	22.32
3	0.978	1.638	2.353	3.182	4.541	5.841	10.21
4 5	0.941	1.533	2.132	2.776	3.747	4.604	7.173
5	0.920	1.476	2.015	2.571	3.365	4.032	5.893
6	0.906	1.440	1.943	2.447	3.143	3.707	5.208
7	0.896	1.415	1.895	2.365	2.998	3.499	4.785
8	0.889	1.397	1.860	2.306	2.896	3.355	4.501
9	0.883	1.383	1.833	2.262	2.821	3.250	4.297
10	0.879	1.372	1.812	2.228	2.764	3.169	4.144
11	0.876	1.363	1.796	2.201 2.179	2.718	3.106	4.025
12	0.873	1.356	1.782		2.681	3.055	3.930
13	0.870 0.868	1.350 1.345	1.771 1.761	2.160 2.145	2.650 2.624	3.012 2.977	3.852 3.787
14 15	0.866	1.345	1.753	2.145	2.624	2.917 2.947	3.733
16	0.865	1.337	1.733	2.131	2.583	2.947	3.686
10 17	0.863	1.333	1.740	2.120	2.567	2.898	3.646
18	0.862	1.330	1.734	2.110	2.552	2.878	3.610
19	0.861	1.328	1.729	2.093	2.532	2.861	3.579
20	0.860	1.325	1.725	2.086	2.528	2.845	3.552
21	0.859	1.323	1.721	2.080	2.518	2.831	3.527
22	0.858	1.321	1.717	2.074	2.508	2.819	3.505
23	0.858	1.319	1.714	2.069	2.500	2.807	3.485
24	0.857	1.318	1.711	2.064	2.492	2.797	3.467
25	0.856	1.316	1.708	2.060	2.485	2.787	3.450
26	0.856	1.315	1.706	2.056	2.479	2.779	3.435
27	0.855	1.314	1.703	2.052	2.473	2.771	3.421
28	0.855	1.313	1.701	2.048	2.467	2.763	3.408
29	0.854	1.311	1.699	2.045	2.462	2.756	3.396
30	0.854	1.310	1.697	2.042	2.457	2.750	3.385
35	0.852	1.306	1.690	2.030	2.438	2.724	3.340
40	0.851	1.303	1.684	2.021	2.423	2.704	3.307
45	0.850	1.301	1.679	2.014	2.412	2.690	3.281
50	0.849	1.299	1.676	2.009	2.403	2.678	3.261
60	0.848	1.296	1.671	2.000	2.390	2.660	3.232
70 80	0.847 0.846	1.294 1.292	1.667 1.664	1.994 1.990	2.381 2.374	2.648 2.639	3.211 3.195
80 90	0.846	1.292	1.662	1.990	2.369	2.632	3.183
90 100	0.845	1.291	1.660	1.984	2.364	2.626	3.174
200	0.843	1.286	1.652	1.964	2.345	2.601	3.174
500 500	0.842	1.283	1.648	1.965	2.334	2.586	3.107
1000	0.842	1.282	1.646	1.962	2.330	2.581	3.098

Esta distribución es simétrica:  $t_{n,p} = t_{n,1-p}$ 

ESTADÍSTICA I 20.

Tabla 7
Función de Distribución F de Snedecor

P = 0.9

				Grados	de liberta	$d 1 gl_1$				
$gl_2$	1	2	3	4	5	6	7	8	9	10
1	39.86	49.50	53.59	55.83	57.24	58.20	58.91	59.44	59.86	60.19
2	8.53	9.00	9.16	9.24	9.29	9.33	9.35	9.37	9.38	9.39
3	5.54	5.46	5.39	5.34	5.31	5.28	5.27	5.25	5.24	5.23
4 5	4.54	4.32 3.78	4.19 3.62	4.11 3.52	4.05 3.45	4.01 3.40	3.98 3.37	3.95 3.34	3.94 3.32	3.92 3.30
6	4.06 3.78	3.78 3.46	3.02	3.32	3.45	3.40	3.01	2.98	3.32 2.96	2.94
7	3.59	3.26	3.07	2.96	2.88	2.83	2.79	2.75	2.72	2.70
8	3.46	3.11	2.92	2.81	2.73	2.67	2.62	2.59	2.56	2.54
9	3.36	3.01	2.81	2.69	2.61	2.55	2.51	2.47	2.44	2.42
10	3.29	2.92	2.73	2.61	2.52	2.46	2.41	2.38	2.35	2.32
11	3.23	2.86	2.66	2.54	2.45	2.39	2.34	2.30	2.27	2.25
12 13	3.18 3.14	2.81 2.76	2.61	2.48	1.39 2.35	2.33	2.28 2.23	2.24 2.20	2.21 2.16	2.19 2.14
13	3.14	2.76	2.56 2.52	2.43 2.39	2.33	2.28 2.24	2.23	2.20	2.10	2.14
15	3.10	2.73	2.32	2.36	2.27	2.24	2.19	2.13	2.12	2.10
16	3.05	2.67	2.46	2.33	2.24	2.18	2.13	2.09	2.06	2.03
17	3.03	2.64	2.44	2.31	2.22	2.15	2.10	2.06	2.03	2.00
18	3.01	2.62	2.42	2.29	2.20	2.13	2.08	2.04	2.00	1.98
19	2.99	2.61	2.40	2.27	2.18	2.11	2.06	2.02	1.98	1.96
20	2.97	2.59	2.38	2.25	2.16	2.09	2.04	2.00	1.96	1.94
21	2.96 2.95	2.57 2.56	2.36 2.35	2.23 2.22	2.14 2.13	2.08 2.06	$\frac{2.02}{2.01}$	1.98 1.97	1.95 1.93	1.92 1.90
22 23	2.94	2.55	2.34	2.21	2.11	2.05	1.99	1.95	1.92	1.89
24	2.93	2.54	2.33	2.19	2.10	2.04	1.98	1.94	1.91	1.88
2 <del>5</del>	2.92	2.53	2.32	2.18	2.09	2.02	1.97	1.93	1.89	1.87
26	2.91	2.52	2.31	2.17	2.08	2.01	1.96	1.92	1.88	1.86
27	2.90	2.51	2.30	2.17	2.07	2.00	1.95	1.91	1.87	1.85
28	2.89	2.50	2.29	2.16	2.06	2.00	1.94	1.90	1.87	1.84
29	2.89	2.50	2.28	2.15	2.06	1.99	1.93	1.89	1.86	1.83
30	2.88 2.85	2.49 2.46	2.28 2.25	2.14 2.11	2.05 2.02	1.98	1.93	1.88	1.85 1.82	1.82 1.79
35 40	2.85	2.46	2.23	2.11	2.02	1.95 1.93	1.90 1.87	1.85 1.83	1.82	1.79
50	2.84	2.44	2.23	2.09	1.97	1.93	1.84	1.80	1.79	1.73
60	2.79	2.41	2.18	2.04	1.97	1.87	1.82	1.77	1.74	1.73
80	2.77	2.37	2.15	2.02	1.92	1.85	1.79	1.75	1.71	1.68
100	2.76	2.36	2.14	2.00	1.91	1.83	1.78	1.73	1.69	1.66
200	2.73	2.33	2.11	1.97	1.88	1.80	1.75	1.70	1.66	1.63
500	2.72	2.31	2.09	1.96	1.86	1.79	1.73	1.68	1.64	1.61
1000	2.71	2.31	2.09	1.95	1.85	1.78	1.72	1.68	1.64	1.61

P=0.9

				Grados	de libert	ad 1 $gl_1$				
$gl_2$	11	12	15	20	25	30	40	50	100	1000
1	60.47	60.71	61.22	61.74	62.06	62.26	62.53	62.69	63.00	63.29
2	9.40	9.41	9.42	9.44	9.45	9.46	9.47	9.47	9.48	9.49
3	5.22	5.22	5.20	5.19	5.17	5.17	5.16	5.15	5.14	5.13
4	3.91	3.90	3.87	3.84	3.83	3.82	3.80	3.80	3.78	3.76
5	3.28 2.92	3.27 2.90	3.24 2.87	3.21 2.84	3.19 2.81	3.17 2.80	3.16 2.78	3.15 2.77	3.13 2.75 2	3.11 2.72
6 7	2.92	2.67	2.63	2.59	2.57	2.56	2.78	2.77	2.73 2 2.50 2	2.72
8	2.52	2.50	2.46	2.42	2.40	2.38	2.34	2.35	2.32 2	2.30
9	2.40	2.38	2.34	2.30	2.27	2.25	2.23	2.22	2.19	2.16
10	2.30	2.28	2.24	2.20	2.17	2.16	2.13	2.12	2.09	2.06
11	2.23	2.21	2.17	2.12	2.10	2.08	2.05	2.04	2.00	1.98
12	2.17	2.15	2.10	2.06	2.03	2.01	1.99	1.97	1.94	1.91
13	2.12	2.10	2.05	2.01	1.98	1.96	1.93	1.92	1.88	1.85
14	2.07	2.05	2.01	1.96	1.93	1.91	1.89	1.87	1.83	1.80
15	2.04 2.01	2.02 1.99	1.97 1.94	1.92 1.89	1.89 1.86	1.87 1.84	1.85 1.81	1.83 1.79	1.79 1.76	1.76 1.72
16 17	1.98	1.96	1.94	1.86	1.83	1.84	1.78	1.79	1.73	1.69
18	1.95	1.93	1.89	1.84	1.80	1.78	1.75	1.74	1.70	1.66
19	1.93	1.91	1.86	1.81	1.78	1.76	1.73	1.71	1.67	1.64
20	1.91	1.89	1.84	1.79	1.76	1.74	1.71	1.69	1.65	1.61
21	1.90	1.87	1.83	1.78	1.74	1.72	1.69	1.67	1.63	1.59
22	1.88	1.86	1.81	1.76	1.73	1.70	1.67	1.65	1.61	1.57
23	1.87	1.84	1.80	1.74	1.71	1.69	1.66	1.64	1.59	1.55
24	1.85	1.83	1.78	1.73	1.70	1.67	1.64	1.62	1.58	1.54
25	1.84	1.82	1.77	1.72	1.68	1.66	1.63	1.61	1.56	1.52
26 27	1.83 1.82	1.81 1.80	1.76 1.75	1.71 1.70	1.67 1.66	1.65 1.64	1.61 1.60	1.59 1.58	1.55 1.54	1.51 1.50
28	1.82	1.79	1.73	1.69	1.65	1.63	1.59	1.57	1.54	1.48
28 29	1.80	1.79	1.74	1.68	1.64	1.62	1.58	1.56	1.53	1.46
30	1.79	1.77	1.72	1.67	1.63	1.61	1.57	1.55	1.51	1.46
35	1.76	1.74	1.69	1.63	1.60	1.57	1.53	1.51	1.47	1.42
40	1.74	1.71	1.66	1.61	1.57	1.54	1.51	1.48	1.43	1.38
50	1.70	1.68	1.63	1.57	1.53	1.50	1.46	1.44	1.39	1.33
60	1.68	1.66	1.60	1.54	1.50	1.48	1.44	1.41	1.36	1.30
80	1.65	1.63	1.57	1.51	1.47	1.44	1.40	1.38	1.32	1.25
100	1.64	1.61	1.56	1.49	1.45	1.42	1.38	1.35	1.29	1.22
200	1.60 1.58	1.58 1.56	1.52 1.50	1.46 1.44 .	1.41 1.39	1.38 1.36	1.34 1.31	1.31 1.28	1.24 1.21	1.16 1.11
500	1.58	1.55	1.30	1.44 .	1.39	1.35	1.31	1.28	1.21	1.11
1000	1.36	1.33	1.49	1.43	1.30	1.55	1.50	1.27	1.20	1.00

ESTADÍSTICA I 22.

P=0.95

				Grados d	e libertad	$1 gl_1$				
$gl_2$	1	2	3	4	5	6	7	8	9	10
1	161.4	199.50	215.7	224.5	230.1	233.9	236.7	238.8	240.5	241.8
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40
3	10.13 7.71	9.55 6.94	9.28 6.59	9.12 6.39	9.01 6.26	8.94 6.16	8.89 6.09	8.85 6.04	8.81 6.00	8.79 5.97
4 5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.73
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35
9	5.12	4.26	3.86	3.63	3.48	3.37 3.22	3.29	3.23	3.18	3.14
10	4.96 4.84	4.10 3.98	3.71 3.59	3.48 3.36	3.33 3.20	3.22	3.14 3.01	3.07 2.95	3.02 2.90	2.98 2.85
11 12	4.75	3.89	3.49	3.26	3.20	3.09	2.91	2.93	2.80	2.83
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49
17	4.45 4.41	3.59 3.55	3.20 3.16	2.96 2.93	2.81 2.77	2.70 2.66	2.61 2.58	2.55 2.51	2.49 2.46	2.45 2.41
18	4.41	3.52	3.13	2.93	2.77	2.63	2.58	2.48	2.40	2.41
19 20	4.35	3.49	3.13	2.90	2.74	2.60	2.54	2.46	2.42	2.36
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25
25	4.24 4.23	3.39 3.37	2.99 2.98	2.76 2.74	2.60	2.49 2.47	2.40	2.34	2.28 2.27	2.24 2.22
26 27	4.23	3.37	2.98	2.74	2.59 2.57	2.47	2.39 2.37	2.32 2.31	2.27	2.22
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08
50	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.03
60	4.00 3.96	3.15 3.11	2.76 2.72	2.53 2.49	2.37 2.33	2.25 2.21	2.17 2.13	2.10 2.06	2.04 2.00	1.99 1.95
80 100	3.96	3.11	2.72	2.49	2.33	2.21	2.13	2.06	2.00 1.97	1.93
200	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.98	1.93	1.88
500	3.86	3.01	2.62	2.39	2.23	2.12	2.03	1.96	1.90	1.85
1000	3.85	3.01	2.61	2.38	2.22	2.11	2.02	1.95	1.89	1.84

P=0.95

	•			Grados	de libert	ad 1 $gl_1$				
$gl_2$	11	12	15	20	25	30	40	50	100	1000
1	242.9	243.9	245.9	248.0	249.2	250.0	251.1	251.7	253.0	254.1
2	19.40	19.41	19.43	19.45	19.46	19.46	19.47	19.48	19.49	19.50
3	8.76	8.74	8.70	8.66	8.63	8.62	8.59	8.58	8.55	8.53
4	5.94 4.70	5.91 4.68	5.86 4.62	5.80 4.56	5.77 4.52	5.74 4.50	5.72 4.46	5.70 4.44	5.66 4.41	5.63 4.37
5 6	4.70	4.00	3.94	3.87	3.84	3.81	3.77	3.75	3.71	3.67
7	3.60	3.57	3.'5)	3.44	3.40	3.38	3.34	3.32	3.27	3.23
8	3.31	3.28	3.22	3.15	3.11	3.08	3.04	3.02	2.97	2.93
ğ	3.10	3.07	3.01	2.94	2.89	2.86	2.83	2.80	2.76	2.71
10	2.94	2.91	2.85	2.77	2.73	2.70	2.66	2.64	2.59	2.54
11	2.82	2.79	2.72	2.65	2.60	2.57	2.53	2.51	2.46	2.41
12	2.72	2.69	2.62	2.54	2.50	2.47	2.43	2.40	2.35	2.30
13	2.63 2.57	2.60 2.53	2.53 2.46	2.46 2.39	2.41 2.34	2.38 2.31	2.34 2.27	2.31 2.24	2.26 2.19	2.21 2.14
14	2.57	2.33	2.40	2.39	2.34	2.31	2.27	2.24	2.19	2.14
15 16	2.46	2.42	2.35	2.28	2.23	2.19	2.15	2.13	2.07	2.02
17	2.41	2.38	2.31	2.23	2.18	2.15	2.10	2.08	2.02	1.97
18	2.37	2.34	2.27	2.19	2.14	2.11	2.06	2.04	1.98	1.92
19	2.34	2.31	2.23	2.16	2.11	2.07	2.03	2.00	1.94	1.88
20	2.31	2.28	2.20	2.12	2.07	2.04	1.99	1.97	1.91	1.85
21	2.28	2.25	2.18	2.10	2.05	2.01	1.96	1.94	1.88	1.82
22	2.26	2.23	2.15	2.07	2.02	1.98	1.94	1.91	1.85	1.79
23	2.24	2.20	2.13	2.05	2.00	1.96	1.91	1.88	1.82	1.76
24	2.22 2.20	2.18 2.16	2.11 2.09	2.03 2.01	1.97 1.96	1.94 1.92	1.89 1.87	1.86 1.84	1.80 1.78	1.74 1.72
25 26	2.20	2.16	2.09	1.99	1.94	1.92	1.85	1.82	1.76	1.72
20 27	2.17	2.13	2.06	1.97	1.92	1.88	1.84	1.81	1.74	1.68
28	2.15	2.12	2.04	1.96	1.91	1.87	1.82	1.79	1.73	1.66
29	2.14	2.10	2.03	1.94	1.89	1.85	1.81	1.77	1.71	1.65
30	2.13	2.09	2.01	1.93	1.88	1.84	1.79	1.76	1.70	1.63
35	2.07	2.04	1.96	1.88	1.82	1.79	1.74	1.70	1.63	1.57
40	2.04	2.00	1.92	1.84	1.78	1.74	1.69	1.66	1.59	1.52
50	1.99	1.95	1.87	1.78	1.73	1.69	1.63	1.60	1.52	1.45
60	1.95	1.92	1.84	1.75	1.69	1.65	1.59	1.56	1.48	1.40
80	1.91 1.89	1.88 1.85	1.79 1.77	1.70 1.68	1.64 1.62	1.60 1.57	1.54 1.52	1.51 1.48	1.43 1.39	1.34 1.30
100 200	1.89	1.83	1.77	1.68	1.62	1.57	1.32	1.48	1.39	1.30
200 500	1.84	1.80	1.72	1.62	1.50	1.32	1.40	1.41	1.32	1.21
1000	1.80	1.76	1.68	1.58	1.52	1.47	1.41	1.36	1.26	1.11
1000	1.00	1.,0	1.00	1.50	1.52	1.17	1,11	1.50	1.20	1.11

ESTADÍSTICA I 24.

P=0.975

	Grados de libertad 1 gl <sub>1</sub>												
$gl_2$	1	2	3	4	5	6	7	8	9	10			
1	647.8	799.5	864.2	899.6	921.8	937.1	948.2	956.7	963.3	968.6			
2	38.51	39.00	39.17	39.25	39.30	39.33	39.36	39.37	39.39	39.40			
3	17.44	16.04	15.44	15.10	14.88	14.73	14.62	14.54	14.47	14.42			
4	12.22	10.65	9.98	9.60	9.36	9.20	9.07	8.98	8.90	8.84			
5	10.01	8.43	7.76	7.39	7.15	6.98	6.85	6.76	6.68	6.62			
6	8.81	7.26	6.60	6.23	5.99	5.82	5.70	5.60	5.52	5.46			
7	8.07	6.54	5.89	5.52	5.29	5.12	4.99	4.90	4.82	4.76			
8	7.57 7.21	6.06	5.42	5.05 4.72	4.82	4.65 4.32	4.53 4.20	4.43	4.36	4.30			
9	6.94	5.71	5.08 4.83	4.72	4.48 4.24	4.32	3.95	4.10	4.03	3.96 3.72			
10		5.46						3.85	3.78				
11	6.72	5.26	4.63 4.47	4.28 4.12	4.04 3.89	3.88 3.73	3.76 3.61	3.66 3.51	3.59	3.53 3.37			
12	6.55 6.41	5.10 4.97	4.47	4.12	3.89 3.77	3.60	3.48	3.39	3.44 3.31	3.37			
13	6.30	4.97	4.33	3.89	3.66	3.50	3.48	3.39	3.21	3.23			
14	6.20	4.77	4.24	3.80	3.58	3.41	3.29	3.29	3.12	3.13			
15	6.12	4.69	4.08	3.73	3.50	3.34	3.22	3.12	3.05	2.99			
16	6.04	4.62	4.01	3.66	3.44	3.28	3.16	3.06	2.98	2.92			
17	5.98	4.56	3.95	3.61	3.38	3.28	3.10	3.00	2.93	2.92			
18	5.92	4.51	3.90	3.56	3.33	3.17	3.05	2.96	2.88	2.82			
19	5.87	4.46	3.86	3.50	3.33	3.17	3.03	2.90	2.83	2.62			
20 21	5.83	4.42	3.82	3.48	3.25	3.09	2.97	2.87	2.80	2.73			
21	5.79	4.38	3.78	3.44	3.22	3.05	2.93	2.84	2.76	2.70			
23	5.75	4.35	3.75	3.41	3.18	3.02	2.90	2.81	2.73	2.67			
24	5.72	4.32	3.72	3.38	3.15	2.99	2.87	2.78	2.70	2.64			
25	5.69	4.29	3.69	3.35	3.13	2.97	2.85	2.75	2.68	2.61			
26	5.66	4.27	3.67	3.33	3.10	2.94	2.82	2.73	2.65	2.59			
27	5.63	4.24	3.65	3.31	3.08	2.92	2.80	2.71	2.63	2.57			
28	5.61	4.22	3.63	3.29	3.06	2.90	2.78	2.69	2.61	2.55			
29	5.59	4.20	3.61	3.27	3.04	2.88	2.76	2.67	2.59	2.53			
30	5.57	4.18	3.59	3.25	3.03	2.87	2.75	2.65	2.57	2.51			
40	5.42	4.05	3.46	3.13	2.90	2.74	2.62	2.53	2.45	2.39			
60	5.29	3.93	3.34	3.01	2.79	2.63	2.51	2.41	2.33	2.27			
120	5.15	3.80	3.23	2.89	2.67	2.52	2.39	2.30	2.22	2.16			
1000	5.02	3.69	3.12	2.79	2.59	2.41	2.29	2.19	2.11	2.05			

P=0.975

				Grados	de libertad	$d 1 g l_1$			
$m{gl}_2$	12	15	20	24	30	40	60	120	1000
1	976.7	978.9	993.1	997.2	1001	1006	1010	1014	1018
2	39.41	39.43	39.45	39.45	39.46	39.47	39.48	39.49	39.50
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	39.41 14.34 8.75 6.52 5.37 4.67 4.20 3.87 3.62 3.43 3.28 3.15 3.05 2.96 2.89 2.82 2.77 2.72 2.68 2.64	39.43 14.25 8.66 6.43 5.27 4.57 4.10 3.77 3.52 3.33 3.18 3.05 2.95 2.86 2.79 2.72 2.67 2.62 2.57 2.53	39.45 14.17 8.56 6.33 5.17 4.47 4.00 3.67 3.42 3.23 3.07 2.95 2.84 2.76 2.68 2.62 2.56 2.51 2.46 2.42	39.45 14.12 8.51 6.28 5.12 4.42 3.95 3.61 3.37 3.17 3.02 2.89 2.70 2.63 2.56 2.50 2.45 2.41 2.37	39.46 14.08 8.46 6.23 5.07 4.36 3.89 3.56 3.31 3.12 2.96 2.84 2.73 2.64 2.57 2.50 2.44 2.39 2.35 2.31	39.47 14.04 8.41 6.18 5.01 4.31 3.84 3.51 3.26 3.06 2.91 2.78 2.67 2.59 2.51 2.44 2.39 2.33 2.29 2.25	39.48 13.99 8.36 6.12 4.96 4.25 3.78 3.45 3.20 3.00 2.85 2.72 2.61 2.52 2.45 2.38 2.32 2.27 2.21	39.49 13.95 8.31 6.07 4.90 4.20 3.73 3.39 3.14 2.94 2.79 2.66 2.55 2.46 2.38 2.32 2.26 2.20 2.16 2.11	39.50 13.90 8.26 6.02 4.85 4.14 3.67 3.33 3.08 2.88 2.72 2.60 2.49 2.40 2.32 2.25 1.19 2.13 2.09 2.04
21 22 23	2.64 2.60 2.57	2.53 2.50 2.47	2.42 2.39 2.36	2.37 2.33 2.30	2.31 2.27 2.24	2.25 2.21 2.18	2.18 2.14 2.11	2.11 2.08 2.04	2.04 2.00 1.97
24 25 26 27	2.54 2.51 2.49 2.47 2.45	2.44 2.41 2.39 2.36 2.34	2.33 2.30 2.28 2.25 2.23	2.27 2.24 2.22 2.19 2.17	2.21 2.18 2.16 2.13 2.11	2.15 2.12 2.09 2.07 2.05	2.08 2.05 2.03 2.00 1.98	2.01 1.98 1.95 1.93 1.91	1.94 1.91 1.88 1.85 1.83
28 29 30 40	2.43 2.43 2.41 2.29	2.34 2.32 2.31 2.18	2.23 2.21 2.20 2.07	2.17 2.15 2.14 2.01	2.11 2.09 2.07 1.94	2.03 2.03 2.01 1.88	1.98 1.96 1.94 1.80	1.91 1.89 1.87 1.72	1.83 1.81 1.79 1.64
60 120 1000	2.17 2.05 1.94	2.06 1.94 1.83	1.94 1.82 1.71	1.88 1.76 1.64	1.82 1.69 1.57	1.74 1.61 1.48	1.67 1.53 1.39	1.58 1.43 1.27	1.48 1.31 1.00

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P=0.99

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	Grados de libertad $1 - gl_1$									
$gl_2$	1	2	3	4	5	6	7	8	9	10
2	98.50	99.00	99.17	99.25	99.30	99.33	99.36	99.37	99.39	99.40
3	34.12	30.82	29.46	28.71	28.24	27.91	27.67	27.50	27.34	27.22
4	21.20	18.00	16.69	15.98	15.52	15.21	14.98	14.80	14.66	14.55
5	16.26	13.27	12.06	11.39	10.97	10.67	10.46	10.29	10.16	10.05
6	13.75	10.92	9.78	9.15	8.75	8.47	8.26	8.10	7.98	7.87
7	12.25 11.26	9.55 8.65	8.45 7.59	7.85 7.01	7.46 6.63	7.19 6.37	6.99 6.18	6.84 6.03	6.72 5.91	6.62 5.81
8 9	10.56	8.02	6.99	6.42	6.06	5.80	5.61	5.47	5.35	5.26
10	10.04	7.56	6.55	5.99	5.64	5.39	5.20	5.06	4.94	4.85
11	9.65	7.21	6.22	5.67	5.32	5.07	4.89	4.74	4.63	4.54
12	9.33	6,93	5.95	5.41	5.06	4.82	4.64	4.50	4.39	4.30
13	9.07	6.70	5.74	5.21	4.86	4.62	4.44	4.30	4.19	4.10
14	8.86	6.51	5.56	5.04	4.69	4.46	4.28	4.14	4.03	3.94
15	8.68	6.36	5.42	4.89	4.56	4.32	4.14	4.00	3.89	3.80
16	8.53	6.23	5.29	4.77	4.44	4.20	4.03	3.89	3.78	3.69
17	8.40	6.11	5.18	4.67	4.34	4.10	3.93	3.79	3.68	3.59
18	8.29	6.01	5.09	4.58	4.25	4.01	3.84	3.71	3.60	3.51
19	8.18	5.93	5.01 4.94	4.50 4.43	4.17 4.10	3.94	3.77 3.70	3.63 3.56	3.52 3.46	3.43 3.37
20	8.10 8.02	5.85 5.78	4.94 4.87	4.43	4.10	3.87	3.70	3.56	3.46	3.37
21 22	7.95	5.72	4.82	4.31	3.99	3.81 3.76	3.59	3.45	3.35	3.26
23	7.88	5.66	4.76	4.26	3.94	3.71	3.54	3.41	3.30	3.21
24	7.82	5.61	4.72	4.22	3.90	3.67	3.50	3.36	3.26	3.17
25	7.77	5.57	4.68	4.18	3.85	3.63	3.46	3.32	3.22	3.13
26	7.72	5.53	4.64	4.14	3.82	3.59	3.42	3.29	3.18	3.09
27	7.68	5.49	4.60	4.11	3.78	3.56	3.39	3.26	3.15	3.06
28	7.64	5.45	4.57	4.07	3.75	3.53	3.36	3.23	3.12	3.03
29	7.60	5.42	4.54	4.04	3.73	3.50	3.33	3.20	3.09	3.00
30	7.56	5.39	4.51	4.02	3.70	3.47	3.30	3.17	3.07	2.98
35	7.42	5.27	4.40	3.91	3.59	3.37	3.20	3.07	2.96	2.88
40	7.31	5.18	4.31	3.83	3.51	3.29	3.12	2.99	2.89	2.80
50	7.17	5.06	4.20	3.72	3.41	3.19	3.02	2.89	2.78	2.70
60 80	7.08 6.96	4.98 4.88	4.13 4.04	3.65 3.56	3.34 3.26	3.12 3.04	2.95 2.87	2.82 2.74	2.72 2.64	2.63 2.55
100	6.90	4.82	3.98	3.51	3.20	2.99	2.87	2.74	2.59	2.50
200	6.76	4.71	3.88	3.41	3.11	2.89	2.73	2.60	2.50	2.41
500	6.69	4.65	3.82	3.36	3.05	2.84	2.68	2.55	2.44	2.36
1000	6.66	4.63	3.80	3.34	3.04	2.82	2.66	2.53	2.43	2.34

P=0.99

	Grados de libertad 1 $$ $$ $$ $$ $$ $$ $$ $$ $$ $$									
$gl_2$	11	12	15	20	25	30	40	50	100	1000
2	99.41	99.42	99.43	99.45	99.46	99.46	99.47	99.48	99.49	99.51
3	27.12	27.03	26.85	26.67	26.58	26.50	26.41	26.35	26.24	26.14
4	14.45	14.37	14.19	14.02	13.91	13.84	13.75	13.69	13.58	13.48
5	9.96	5.89 7.7.2	9.72	9.55	9.45	9.38 7.23	9.30	9.24	9.13	9.03
6	7.79 6.54	7.7.2 6.47	7.56 6.31	7.40 6.16	7.29 6.06	7.23 5.99	7.15 5.91	7.09 5.86	6.99 5.75	6.89 5.66
7 8	5.73	5.67	5.52	5.36	5.26	5.20	5.12	5.07	4.96	4.87
9	5.18	5.11	4.96	4.81	4.71	4.65	4.57	4.52	4.41	4.32
10	4.77	4.71	4.56	4.41	4.31	4.25	4.17	4.12	4.01	3.92
11	4.46	4.40	4.25	4.10	4.00	3.94	3.86	3.81	3.71	3.61
12	4.22	4.Í6	4.01	3.86	3.76	3.70	3.62	3.57	3.47	3.37
13	4.02	3.96 3.80	3.82	3.66	3.57 3.41	3.51	3.43 3.27	3.38 3.22	3.27	3.18
14 15	3.86 3.73	3.80 3.67	3.66 3.52	3.51 3.37	3.41	3.35 3.21	3.27	3.22	3.11 2.98	3.02 2.88
16	3.62	.3.55	3.41	3.26	3.16	3.10	3.02	2.97	2.86	2.76
17	3.52	3.46	3.31	3.16	3.07	3.00	2.92	2.87	2.76	2.66
18	3.43	'3.37	3.23	3.08	2.98	2.92	2.84	2.78	2.68	2.58
19	3.36	3.30	3.15	3.00	2.91	2.84	2.76	2.71	2.60	2.50
20	3.29	3.23	3.09	2.94	2.84	2.78	2.69	2.64	2.54	2.43
21	3.24	3.17	3.03	2.88	2.78	2.72	2.64	2.58	2.48	2.37
22	3.18 3.14	3.12 3.07	2.98 2.93	2.83 2.78	2.73 2.69	2.67 2.62	2.58 2.54	2.53 2.48	2.42 2.37	2.32 2.27
23 24	3.14	3.07	2.89	2.74	2.64	2.58	2.49	2.44	2.33	2.27
24 25	3.06	2.99	2.85	2.70	2.60	2.54	2.45	2.40	2.29	2.18
26	3.02	2.96	2.81	2.66	2.57	2.50	2.42	2.36	2.25	2.14
27	2.99	2.93	2.78	2.63	2.54	2.47	2.38	2.33	2.22	2.11
28	2.96	2.90	2.75	2.60	2.51	2.44	2.35	2.30	2.19	2.08
29	2.93	2.87	2.73	2.57	2.48	2.41	2.33	2.27	2.16	2.05
30	2.91	2.84	2.70	2.55	2.45	2.39	2.30	2.24	2.13	2.02
35	2.80	2.74	2.60	2.44	2.35	2.28	2.19	2.14	2.02	1.90
40	2.73	2.66 2.56	2.52	2.37 2.27	2.27 2.17	2.20	2.11 2.01	2.06	1.94	1.82
50 60	2.62 2.56	2.50	2.42 2.35	2.27	2.17	2.10 2.03	1.94	1.95 1.88	1.82 1.75	1.70 1.62
80	2.48	2.42	2.33	2.12	2.10	1.94	1.85	1.79	1.75	1.52
100	2.43	2.37	2.22	2.07	1.97	1.89	1.80	1.74	1.60	1.45
200	2.34	2.27	2.13	1.97	1.87	1.79	1.69	1.63	1.48	1.30
500	2.28	2.22	2.07	1.92	1.81	1.74	1.63	1.57	1.41	1.20
1000	2.27	2.20	2.06	1.90	1.79	1.72	1.61	1.54	1.38	1.16