

ภาคผนวก

ตารางสถิติ

1. ตาราง Ranciom digits.
2. ตาราง Squares and Square Roots.
3. ตาราง Individual Terms of the Binomtal Distribution
4. ตาราง J Cumulative Binomial Probabilities
5. ตาราง Areas Under the Normal Curve
6. ตาราง t Distribution
7. ตาราง χ^2 distributions.
8. ตาราง R

RANDOM DIGITS

Table I Ten Thousand Random Digits

Ten Thousand Random Digits

	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99
00	88758	66605	33843	43623	62774	25517	09560	41880	85126	60755	70896	44520	64720	49898	78088	76740	47460	83150	78905	59870
01	35661	42832	16240	77410	20686	26656	59698	86241	13152	49187	56809	42909	25853	47624	29486	14196	75841	00353	42390	24847
02	26335	03771	46115	88133	40721	06787	95962	60841	91788	86386	66109	84775	07515	49949	61482	91836	48126	80778	21302	24975
03	60826	74718	56527	29508	91975	13695	25215	72237	06337	73439	18071	36263	14053	52526	44347	04923	68100	57805	19521	15345
04	95044	99896	13763	31764	93970	60987	14692	71039	34165	21297	98732	15120	91754	12657	74675	78500	01247	49719	47635	55514
05	83746	47694	06143	42741	38338	97694	69300	99864	19641	15083	36075	83967	22268	77971	31169	68584	21336	72541	66359	39708
06	27998	42562	63402	10056	81668	48744	08400	83124	19896	18805	04110	45061	78062	18911	27855	09419	56459	00695	70323	04538
07	82685	32323	74625	14510	85927	28017	80588	14756	54937	76379	75658	58509	24479	10202	13150	95946	55087	38308	18718	95561
08	18386	13862	10988	04197	18770	72757	71418	81133	69503	44037	87403	19142	27208	35149	34889	27003	14181	44813	17784	41036
09	21717	13141	22707	68165	58440	19187	08421	23872	03036	34208	00005	52142	65021	64438	69610	12154	98422	65320	79996	01935
10	18446	83052	31842	08634	11887	86070	08464	20565	74390	36541	43674	47103	48614	70823	78252	82403	93424	05236	54588	27757
11	66027	75177	47398	66423	70160	16232	67343	36205	50036	59411	68597	68874	35567	98463	99671	05634	81533	47406	17228	44455
12	51420	96779	54309	87456	78967	79638	68869	49062	02196	55109	91874	70208	06308	40719	02772	69589	79936	07514	44350	35190
13	27045	62626	73159	91149	96509	44204	92237	29969	49315	11804	73854	19470	53014	29375	62256	77488	74388	53949	49607	19816
14	13094	17725	14103	00067	68843	63565	93578	24756	10814	15185	65926	34117	55344	68155	38099	56009	03513	05926	35384	42328
15	92382	62518	17752	53163	63852	44840	02592	88572	03107	90169	40005	35246	49440	40295	44390	83043	26090	80201	02934	49260
16	16215	50809	49326	77232	90155	69955	93892	70445	00906	57002	46686	29890	14821	69783	34733	11803	64845	32065	14527	38702
17	09342	14528	64727	71403	84156	34083	35613	35670	10549	07468	02717	61518	39583	72863	50707	96115	07416	05041	36756	61065
18	38148	79001	03509	79424	39625	73315	18811	86230	99682	82896	17048	22281	35573	28944	96889	51823	57268	03856	27658	91950
19	23689	19997	72382	15247	80205	58090	43804	94548	82693	22799	73084	35248	42151	93928	17343	88322	28683	11252	10355	61575
20	25407	37726	73099	51057	68733	75768	77991	72641	95386	70138	97844	62947	62230	30500	92816	85232	27222	91701	11057	83257
21	25349	69456	19693	85568	93876	18661	69018	10332	83137	88257	07611	71163	82212	20653	21499	51496	40715	78952	33029	64207
22	02322	77491	56095	03055	37738	18216	81781	32245	84081	16436	47744	04603	44522	62783	39347	72310	41460	31052	46814	94297
23	15072	33261	99219	43307	39239	79712	94753	41450	30944	53912	54293	43576	88116	67416	34908	15238	40561	73940	56850	31078
24	27002	31036	85278	74547	84809	56252	09373	69471	15606	77209	67556	93979	73363	00300	11217	74405	18937	79000	68834	48307
25	66181	83316	40886	54316	29505	86032	34563	93204	72973	90760	86581	73041	95809	73986	49408	53316	90841	73808	53421	82315
26	09779	01822	45537	13128	51128	82703	75350	25179	86194	40638	28020	86282	83365	76600	11261	74354	20968	60770	12141	09539
27	10791	07706	87481	26107	24857	27805	42710	63471	08804	23455	42578	32471	37840	30872	75074	79027	57813	62831	54715	26693
28	74833	55767	31312	76411	67389	04691	39687	13596	88730	86850	47290	15997	86163	10571	81911	92124	92971	80860	41012	58666
29	17583	24038	83701	28570	63561	00098	60784	76098	84217	34997	24856	63911	13221	77028	06573	33667	30732	47280	12926	67276
30	45601	46977	39325	09286	41133	34031	94867	11849	75171	57682	16352	24836	60799	76281	83402	44709	78930	82969	84468	36910
31	60683	33112	65995	64203	18070	65437	13624	90896	80945	71987	89060	79852	97854	28324	39638	86936	06702	74304	39873	19496
32	29956	81169	18877	15296	94368	16317	34239	03643	66081	12242	07637	30412	04921	26471	09605	07355	20466	49793	40539	21077
33	91713	84235	75296	69875	82414	05197	66596	13083	46278	73498	37711	47786	37468	31963	16908	50283	80884	08252	72655	58926
34	85704	86588	82837	67822	95963	83021	90732	32661	64751	83903	82994	53232	58202	73318	62471	49650	15888	73370	98748	69181
35	17921	26111	35373	86494	48266	01888	65735	05315	79328	13367	31722	67288	12110	04776	15168	68862	92347	90789	66961	04162
36	13929	71341	80488	89827	48277	07229	71953	16128	65074	28782	93819	78050	19364	38037	25706	90879	05215	00260	14426	88207
37	03248	18880	21667	01311	61806	80201	47889	83052	31029	06023	65557	24496	04713	23688	26623	41356	47049	60676	72236	01214
38	50583	17972	12690	00452	93766	16414	01212	27964	02786	28786	88001	91382	05129	36041	10257	55558	89979	58061	28957	10701
39	10636	46975	09449	45986	34672	46916	63881	83117	53947	95218	96648	70303	18191	62404	26558	92804	15415	02865	52449	78509
40	43896	41278	42205	10425	66560	59967	90139	73563	29875	79033	04118	51573	59356	02426	35010	37104	98315	44602	96478	08433
41	76714	80963	74907	16890	15492	27489	06067	22287	19760	13056	19317	27753	39431	26996	04465	69695	61374	06317	42225	62025
42	22393	46719	02083	62428	45177	57562	49243	31748	64278	05731	37182	91221	17307	68507	85725	81898	22588	22241	80337	89033
43	70942	92042	22776	47761	13503	16037	30875	80754	47491	96012	82990	03607	29560	60413	59743	75000	03806	13741	79671	25416
44	92011	60326	86346	26738	01983	04186	41388	03848	78354	14964	97294	21991	11217	98087	79124	52275	31088	32085	23089	21498
45	66456	00126	45685	67607	70796	04889	98128	13599	93710	23974	86771	69504	13345	42544	59616	07867	78717	82840	74665	21515
46	96292	44348	20898	02227	76512	53185	03057	61375	10760	26889	26046	55559	12200	95106	56496	76662	44880	89457	84209	01332
47	19680	07146	53951	10935	23333	76233	13706	20502	60405	09745	39689	05999	92290	79024	70271	93352	90272	94495	26842	54477
48	67347	51442	24536	60151	05498	64678	87569	65066	17790	55413	83265	89573	01437	43786	52986	49041	17952	35035	88985	84671
49	95888	59255	06898	99137	50871	81265	42223	83303	48694	81953	15128	35791	11296	45319	06330	82027	90808	54351	43091	30387

ST 103

345

Ten Thousand Random Digits										Ten Thousand Random Digits										
	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99
50	54441	64681	93190	00993	62130	44484	46293	60717	50239	76319	58649	85086	16502	97541	76611	94229	34987	86718	87208	05426
51	08573	52937	84274	95106	89117	65849	41356	65549	78787	50442	97306	52449	55596	66739	36525	97563	29469	31235	79276	10831
52	81067	68052	14270	19718	88499	63303	13533	91882	51136	60828	09942	79344	78160	11015	55777	22047	57615	15717	86239	36578
53	39737	58891	75278	98046	52284	40164	72442	77824	72900	14886	83842	28631	74893	47911	92170	38181	30416	54860	44120	73031
54	34958	76090	08827	61623	31114	86952	83645	91786	29633	78294	73778	30395	20163	76111	13712	33449	99224	18206	51418	70006
55	61417	72424	92626	71952	69709	81259	58472	43409	84454	88648	88381	56550	47467	59663	61117	39716	32927	06168	06217	45477
56	99187	14149	57474	32268	85424	90378	34682	47606	89295	02420	31044	21404	15968	21357	30772	81482	38807	67231	84283	63552
57	13130	13064	36485	48133	35319	05720	76317	70953	50823	06793	00909	63837	91328	81106	11740	50193	86806	21931	18054	49601
58	65563	11831	82402	46929	91446	72037	17205	89600	59084	55718	69882	37028	41732	37425	80832	03320	20690	32653	90145	03029
59	28737	49502	06060	52100	43704	50839	22538	56768	83467	19313	26059	78324	22501	73825	16927	31545	15695	74216	98372	28547
60	50353	74022	59767	49927	45882	74099	18758	57510	58560	07050	38573	98078	38982	33078	93524	45606	53463	20391	81637	37269
61	65208	96466	29917	22862	69972	35178	32911	08172	06277	62795	70624	00063	81455	16924	12848	23801	55481	78978	26795	10553
62	21323	38148	26696	81741	25131	20087	67452	19670	35898	50636	49806	23976	05640	29804	38988	25024	76951	02341	63219	75864
63	67875	29831	59330	46570	69768	36671	01031	95959	68417	68665	05461	67523	48316	14613	08541	35231	38312	14969	67279	50502
64	82631	26260	86554	31881	70512	37899	80851	40568	54284	24056	76582	62153	53801	51219	30424	32599	49099	83959	68408	20147
65	91989	39633	59039	12526	37730	68848	71399	28513	69018	10289	16660	80470	75062	75588	24384	27874	20018	11428	32265	07692
66	12950	31418	93425	69756	34036	55097	97241	92480	49746	42461	60166	42424	97470	88451	81270	80070	72959	26220	59939	31127
67	00328	27427	95474	97217	05034	26676	49629	13594	50525	13485	28953	03272	31460	41691	57736	72052	22762	96323	27616	53123
68	63986	16698	82804	04524	39919	32381	67488	05223	89537	59490	47536	86439	95210	96386	38704	15484	07426	70675	06888	81203
69	55775	75005	57912	20977	35722	51931	89565	77579	93085	06467	73457	26657	36983	72410	30244	97711	25652	09373	66218	64077
70	24761	56877	56357	78809	40748	69727	56652	12462	40528	75269	11190	66193	66287	09116	48140	37669	02932	50799	17255	06181
71	43820	80926	26795	57553	28319	25376	51795	26123	51102	89853	57062	78964	44455	14036	36098	40773	11688	33150	07459	36127
72	66669	02880	02987	33615	54206	20013	75872	88678	17726	60640	99624	67254	67302	18991	97687	54099	94884	42283	63258	50651
73	49944	66725	19779	50416	42800	71733	82052	28504	15593	51799	97521	83669	85968	16135	90133	51312	17831	75016	80278	68953
74	71003	87598	61296	95019	21568	86134	66096	65403	47166	78638	40273	04838	13661	64757	17461	78085	60094	27010	80945	66439
75	52715	04593	69484	93411	38046	13000	04293	60830	03914	75357	57260	06176	49963	29760	69546	61336	39429	41985	18572	98128
76	21998	31729	89963	11573	49442	69467	40265	56066	36024	25705	03451	47098	63495	71227	79304	29753	99131	18419	71791	81515
77	58970	96827	18377	31564	23555	86338	79250	43168	96929	97732	62331	20492	15393	84270	24396	32962	21632	92965	38670	44923
78	67592	59149	42554	42719	13553	48560	81167	10747	92552	19867	32290	51079	06512	38806	93327	80086	19088	59887	98416	24918
79	18298	18429	09357	96436	11237	88039	81020	00428	75731	37779	28014	80428	92853	31333	32648	16734	43418	90124	15086	48444
80	88420	28841	42628	84647	59024	52032	31251	72017	43875	48320	18950	16091	29543	65817	07002	79115	94115	20271	50250	25061
81	07627	88424	23381	29680	14027	75905	27037	22113	77873	78711	17403	69503	01866	13049	07263	13039	83844	80143	39048	62654
82	37917	93581	04979	21041	95252	62450	05937	81670	44894	47262	27999	50489	66613	21843	71746	65868	16208	46781	93402	12323
83	14783	95119	68464	08726	74818	91700	05961	23554	74649	50540	87076	53174	12165	84495	47947	60706	64034	31635	65169	93070
84	05378	32640	64562	15303	13168	23189	88198	63617	58566	56047	89044	45974	14924	46906	26052	51851	84197	61694	57429	63395
85	19640	96709	22047	07825	40583	99500	39989	96593	32254	37158	98048	64400	24705	75711	36232	57624	41424	77366	52790	84705
86	20514	11081	51131	56469	33947	77703	35679	45774	06776	67062	09345	12956	49770	80311	32319	48238	16952	92088	51222	82865
87	96763	56249	81243	62416	84451	14696	38195	70435	45948	67690	07086	77628	76195	47584	62411	40397	71857	54823	26536	56792
88	49439	61075	31558	59740	52759	55323	95226	01385	20158	54054	93128	25657	46872	11206	06831	87944	97914	64670	45760	34353
89	16294	50548	71317	32168	86071	47314	63393	56367	46910	51269	85137	70964	29947	27795	25547	37682	96105	26848	05989	64326
90	31381	94301	79273	32843	05862	36211	93960	00671	67631	23952	32798	39024	13814	98546	46585	84108	74603	94812	73968	68766
91	98032	87203	03227	66021	99666	98368	39222	36056	81992	20121	62496	25371	89880	52078	47781	95260	83464	65942	91761	53727
92	40700	31826	94774	11366	81391	33602	69608	84119	93204	26825	62707	31825	40987	97656	89714	52177	23778	07482	91678	40128
93	68692	68849	29366	77540	14978	06508	10824	65416	23629	63029	05500	28982	86124	19554	80818	94935	61924	31828	79369	23507
94	19047	10784	19607	20296	31804	72984	60060	50353	23260	58909	79476	31445	59498	85132	24582	26024	24002	63718	79164	43556
95	82867	69266	50733	62630	00956	61500	89913	30049	82321	62367	10653	29954	97568	91541	33139	84525	72271	02546	64818	14381
96	26528	28928	52600	72997	80943	04084	86662	90025	14360	64867	30524	06495	00886	40666	68574	49574	19705	16429	90981	08109
97	51166	00607	49962	30724	81707	14548	25844	47336	57492	02207	69050	22019	74066	14500	14506	06423	38332	34191	82663	85323
98	97245	15440	55182	15368	85136	98869	33712	95152	30973	98658	27908	78802	63446	07674	98871	63831	72449	42705	26513	19883
99	54998	88830	95639	45104	72676	28220	82576	57381	34438	24565	64520	16618	47409	19574	78136	46047	01277	79146	95759	36781

Source: Prepared by Fred Gruenberger, Numerical Analysis Laboratory, University of Wisconsin, Madison, Wis., 1952.

Table II Squares and Square Roots

n	n^2	\sqrt{n}	$\sqrt{10n}$	n	n^2	\sqrt{n}	$\sqrt{10n}$
1.0	1.00	1.000	3.162	5.5	30.25	2.345	7.416
1.1	1.21	1.049	3.317	5.6	31.36	2.366	7.483
1.2	1.44	1.095	3.464	5.7	32.49	2.387	7.550
1.3	1.69	1.140	3.606	5.8	33.64	2.408	7.616
1.4	1.96	1.183	3.742	5.9	34.81	2.429	7.681
1.5	2.25	1.225	3.873	6.0	36.00	2.449	7.746
1.6	2.56	1.265	4.000	6.1	37.21	2.470	7.810
1.7	2.89	1.304	4.123	6.2	38.44	2.490	7.874
1.8	3.24	1.342	4.243	6.3	39.69	2.510	7.937
1.9	3.61	1.378	4.359	6.4	40.96	2.530	8.000
2.0	4.00	1.414	4.472	6.5	42.25	2.550	8.062
2.1	4.41	1.449	4.583	6.6	43.56	2.569	8.124
2.2	4.84	1.483	4.690	6.7	44.89	2.588	8.185
2.3	5.29	1.517	4.796	6.8	46.24	2.608	8.246
2.4	5.76	1.549	4.899	6.9	47.61	2.627	8.307
2.5	6.25	1.581	5.000	7.0	49.00	2.646	8.367
2.6	6.76	1.612	5.099	7.1	50.41	2.665	8.426
2.7	7.29	1.643	5.196	7.2	51.84	2.683	8.485
2.8	7.84	1.673	5.292	7.3	53.29	2.702	8.544
2.9	8.41	1.703	5.385	7.4	54.76	2.720	8.602
3.0	9.00	1.732	5.477	7.5	56.25	2.739	8.660
3.1	9.61	1.761	5.568	7.6	57.76	2.757	8.718
3.2	10.24	1.789	5.657	7.7	59.29	2.775	8.775
3.3	10.89	1.817	5.745	7.8	60.84	2.793	8.832
3.4	11.56	1.844	5.831	7.9	62.41	2.811	8.888
3.5	12.25	1.871	5.916	8.0	64.00	2.828	8.944
3.6	12.96	1.897	6.000	8.1	65.61	2.846	9.000
3.7	13.69	1.924	6.083	8.2	67.24	2.864	9.055
3.8	14.44	1.949	6.164	8.3	68.89	2.881	9.110
3.9	15.21	1.975	6.245	8.4	70.56	2.898	9.165
4.0	16.00	2.000	6.325	8.5	72.25	2.915	9.220
4.1	16.81	2.025	6.403	8.6	73.96	2.933	9.274
4.2	17.64	2.049	6.481	8.7	75.69	2.950	9.327
4.3	18.49	2.074	6.557	8.8	77.44	2.966	9.381
4.4	19.36	2.098	6.633	8.9	79.21	2.983	9.434
4.5	20.25	2.121	6.708	9.0	81.00	3.000	9.487
4.6	21.16	2.145	6.782	9.1	82.81	3.017	9.539
4.7	22.09	2.168	6.856	9.2	84.64	3.033	9.592
4.8	23.04	2.191	6.928	9.3	86.49	3.050	9.644
4.9	24.01	2.214	7.000	9.4	88.36	3.066	9.695
5.0	25.00	2.236	7.071	9.5	90.25	3.082	9.747
5.1	26.01	2.258	7.141	9.6	92.16	3.098	9.798
5.2	27.04	2.280	7.211	9.7	94.09	3.114	9.849
5.3	28.09	2.302	7.280	9.8	96.04	3.130	9.899
5.4	29.16	2.324	7.348	9.9	98.01	3.146	9.950

Table II Squares, Square Roots, and Reciprocals

n	n²	√n	√10n	1/n	n	n²	√n	√10n	1/n
1	1	1.000	3.162	1.00000	51	2601	7.141	22.583	.01961
2	4	1.414	4.472	.50000	52	2704	7.211	22.804	.01923
3	9	1.732	5.477	.33333	53	2809	7.280	23.022	.01887
4	16	2.000	6.325	.25000	54	2916	7.348	23.238	.01852
5	25	2.236	7.071	.20000	55	3025	7.416	23.452	.01819
6	36	2.449	7.746	.16667	56	3136	7.483	23.664	.01786
7	49	2.646	8.367	.14286	57	3249	7.550	23.875	.01754
8	64	2.828	8.944	.12500	58	3364	7.616	24.083	.01724
9	81	3.000	9.487	.11111	59	3481	7.681	24.290	.01695
10	100	3.162	10.000	.10000	60	3600	7.746	24.495	.01667
11	121	3.317	10.488	.09091	61	3721	7.810	24.698	.01639
12	144	3.464	10.954	.08333	62	3844	7.874	24.900	.01613
13	169	3.606	11.402	.07692	63	3969	7.937	25.100	.01587
14	196	3.742	11.832	.07143	64	4096	8.000	25.298	.01562
15	225	3.873	12.247	.06667	65	4225	8.062	25.495	.01538
16	256	4.000	12.649	.06250	66	4356	8.124	25.690	.01515
17	289	4.123	13.038	.05882	67	4489	8.185	25.884	.01493
18	324	4.243	13.416	.05556	68	4624	8.246	26.077	.01471
19	361	4.359	13.784	.05263	69	4761	8.307	26.268	.01449
20	400	4.472	14.142	.05000	70	4900	8.367	26.458	.01428
21	441	4.583	14.491	.04762	71	5041	8.426	26.648	.01408
22	484	4.690	14.832	.04545	72	5184	8.485	26.833	.01388
23	529	4.796	15.166	.04348	73	5329	8.544	27.019	.01370
24	576	4.899	15.492	.04167	74	5476	8.602	27.203	.01351
25	625	5.000	15.811	.04000	75	5625	8.660	27.386	.01333
26	676	5.099	16.125	.03846	76	5776	8.718	27.568	.01316
27	729	5.196	16.432	.03704	77	5929	8.775	27.749	.01299
28	784	5.292	16.733	.03571	78	6084	8.832	27.928	.01282
29	841	5.385	17.029	.03448	79	6241	8.888	28.107	.01266
30	900	5.477	17.321	.03333	80	6400	8.944	28.284	.01250
31	961	5.568	17.607	.03226	81	6561	9.000	28.460	.01235
32	1024	5.657	17.889	.03125	82	6724	9.055	28.636	.01220
33	1089	5.745	18.166	.03030	83	6889	9.110	28.810	.01205
34	1156	5.831	18.439	.02941	84	7056	9.165	28.983	.01190
35	1225	5.916	18.708	.02857	85	7225	9.220	29.155	.01176
36	1296	6.000	18.974	.02778	86	7396	9.274	29.326	.01163
37	1369	6.083	19.235	.02703	87	7569	9.327	29.496	.01149
38	1444	6.164	19.494	.02632	88	7744	9.381	29.665	.01136
39	1521	6.245	19.748	.02564	89	7921	9.434	29.833	.01124
40	1600	6.325	20.000	.02500	90	8100	9.487	30.000	.01111
41	1681	6.403	20.248	.02439	91	8281	9.539	30.166	.01099
42	1764	6.481	20.494	.02381	92	8464	9.592	30.332	.01087
43	1849	6.557	20.736	.02326	93	8649	9.644	30.496	.01075
44	1936	6.633	20.976	.02273	94	8836	9.695	30.659	.01064
45	2025	6.708	21.213	.02222	95	9025	9.747	30.822	.01053
46	2116	6.782	21.448	.02174	96	9216	9.798	30.984	.01042
47	2209	6.856	21.679	.02128	97	9409	9.849	31.145	.01031
48	2304	6.928	21.909	.02083	98	9604	9.899	31.305	.01020
49	2401	7.000	22.136	.02041	99	9801	9.950	31.464	.01010
50	2500	7.071	22.361	.02000	100	10000	10.000	31.623	.01000

Table III Individual Terms of the Binomial Distribution

n	x	p																		
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
1	0	.9500	.9000	.8500	.8000	.7500	.7000	.6500	.6000	.5500	.5000	.4500	.4000	.3500	.3000	.2500	.2000	.1500	.1000	.0500
	1	.0500	.1000	.1500	.2000	.2500	.3000	.3500	.4000	.4500	.5000	.5500	.6000	.6500	.7000	.7500	.8000	.8500	.9000	.9500
2	0	.9025	.8100	.7225	.6400	.5625	.4900	.4225	.3600	.3025	.2500	.2025	.1600	.1225	.0900	.0625	.0400	.0225	.0100	.0025
	1	.0950	.1800	.2550	.3200	.3750	.4200	.4550	.4800	.4950	.5000	.4950	.4800	.4550	.4200	.3750	.3200	.2550	.1800	.0950
	2	.0025	.0100	.0225	.0400	.0625	.0900	.1225	.1600	.2025	.2500	.3025	.3600	.4225	.4900	.5625	.6400	.7225	.8100	.9025
3	0	.8574	.7290	.6141	.5120	.4219	.3430	.2746	.2160	.1664	.1250	.0911	.0640	.0429	.0270	.0156	.0900	.0034	.0010	.0001
	1	.1354	.2430	.3251	.3840	.4219	.4410	.4436	.4320	.4084	.3750	.3341	.2880	.2389	.1890	.1406	.0960	.0574	.0270	.0071
	2	.0071	.0270	.0574	.0960	.1406	.1890	.2389	.2880	.3341	.3750	.4084	.4320	.4436	.4410	.4219	.3840	.3251	.2430	.1354
	3	.0001	.0010	.0034	.0080	.0156	.0270	.0429	.0640	.0911	.1250	.1664	.2160	.2746	.3430	.4219	.5120	.6141	.7290	.8574
4	0	.8145	.6561	.5220	.4096	.3164	.2401	.1785	.1296	.0915	.0625	.0410	.0256	.0150	.0081	.0039	.0016	.0005	.0001	.0000
	1	.1715	.2916	.3685	.4096	.4219	.4116	.3845	.3456	.2995	.2500	.2005	.1536	.1115	.0756	.0469	.0256	.0115	.0036	.0005
	2	.0135	.0486	.0975	.1536	.2109	.2646	.3105	.3456	.3675	.3750	.3675	.3456	.3105	.2646	.2109	.1536	.0975	.0486	.0135
	3	.0005	.0036	.0115	.0256	.0469	.0756	.1115	.1536	.2005	.2500	.2995	.3456	.3845	.4116	.4219	.4096	.3685	.2916	.1715
	4	.0000	.0001	.0005	.0016	.0039	.0081	.0150	.0256	.0410	.0625	.0915	.1296	.1785	.2401	.3164	.4096	.5220	.6561	.8145
5	0	.7738	.5905	.4437	.3277	.2373	.1681	.1160	.0778	.0503	.0313	.0185	.0102	.0053	.0024	.0010	.0003	.0001	.0000	.0000
	1	.2036	.3281	.3915	.4096	.3955	.3602	.3124	.2592	.2059	.1563	.1128	.0768	.0488	.0284	.0146	.0064	.0022	.0004	.0000
	2	.0214	.0729	.1382	.2048	.2637	.3087	.3364	.3456	.3369	.3125	.2757	.2304	.1811	.1323	.0879	.0512	.0244	.0081	.0011
	3	.0011	.0081	.0244	.0512	.0879	.1323	.1811	.2304	.2757	.3125	.3369	.3456	.3364	.3087	.2637	.2048	.1382	.0729	.0214
	4	.0000	.0004	.0022	.0064	.0146	.0283	.0488	.0768	.1128	.1562	.2059	.2592	.3124	.3601	.3955	.4096	.3915	.3281	.2036
	5	.0000	.0000	.0001	.0003	.0010	.0024	.0053	.0102	.0185	.0312	.0503	.0778	.1160	.1681	.2373	.3277	.4437	.5905	.7738
6	0	.7351	.5314	.3771	.2621	.1780	.1176	.0754	.0467	.0277	.0156	.0083	.0041	.0018	.0007	.0002	.0001	.0000	.0000	.0000
	1	.2321	.3543	.3993	.3932	.3560	.3025	.2437	.1866	.1359	.0938	.0609	.0369	.0205	.0102	.0044	.0015	.0004	.0001	.0000
	2	.0305	.0984	.1762	.2458	.2966	.3241	.3280	.3110	.2780	.2344	.1861	.1382	.0951	.0595	.0330	.0154	.0055	.0012	.0001
	3	.0021	.0146	.0415	.0819	.1318	.1852	.2355	.2765	.3032	.3125	.3032	.2765	.2355	.1852	.1318	.0819	.0415	.0146	.0021
	4	.0001	.0012	.0055	.0154	.0330	.0595	.0951	.1382	.1861	.2344	.2780	.3110	.3280	.3241	.2966	.2458	.1762	.0984	.0305
	5	.0000	.0001	.0004	.0015	.0044	.0102	.0205	.0369	.0609	.0937	.1359	.1866	.2437	.3025	.3560	.3932	.3993	.3543	.2321
	6	.0000	.0000	.0000	.0001	.0002	.0007	.0018	.0041	.0083	.0156	.0277	.0467	.0754	.1176	.1780	.2621	.3771	.5314	.7351

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0	.6983	.4783	.3206	.2097	.1335	.0824	.0490	.0280	.0152	.0078	.0037	.0016	.0006	.0002	.0001	.0000	.0000	.0000	.0000
1	.2573	.3720	.3960	.3670	.3115	.2471	.1848	.1306	.0872	.0547	.0320	.0172	.0084	.0036	.0013	.0004	.0001	.0000	.0000
2	.0406	.1240	.2097	.2753	.3115	.3177	.2985	.2613	.2140	.1641	.1172	.0774	.0466	.0250	.0115	.0043	.0012	.0002	.0000
3	.0036	.0230	.0617	.1147	.1730	.2269	.2679	.2903	.2918	.2734	.2388	.1935	.1442	.0972	.0577	.0287	.0109	.0026	.0002
4	.0002	.0026	.0109	.0287	.0577	.0972	.1442	.1935	.2388	.2734	.2918	.2903	.2679	.2269	.1730	.1147	.0617	.0230	.0036
5	.0000	.0002	.0012	.0043	.0115	.0250	.0466	.0774	.1172	.1641	.2140	.2613	.2985	.3177	.3115	.2753	.2097	.1240	.0406
6	.0000	.0000	.0001	.0004	.0013	.0036	.0084	.0172	.0320	.0547	.0872	.1306	.1848	.2471	.3115	.3670	.3960	.3720	.2573
7	.0000	.0000	.0000	.0000	.0001	.0002	.0006	.0016	.0037	.0078	.0152	.0280	.0490	.0824	.1335	.2097	.3206	.4783	.6983

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0	.6634	.4305	.2725	.1678	.1001	.0576	.0319	.0168	.0084	.0039	.0017	.0007	.0002	.0001	.0000	.0000	.0000	.0000	.0000
1	.2793	.3826	.3847	.3355	.2670	.1977	.1373	.0896	.0548	.0313	.0164	.0079	.0033	.0012	.0004	.0001	.0000	.0000	.0000
2	.0515	.1488	.2376	.2936	.3115	.2965	.2587	.2090	.1569	.1094	.0703	.0413	.0217	.0100	.0038	.0011	.0002	.0000	.0000
3	.0054	.0331	.0839	.1468	.2076	.2541	.2786	.2787	.2568	.2188	.1719	.1239	.0808	.0467	.0231	.0092	.0026	.0004	.0000
4	.0004	.0046	.0185	.0459	.0865	.1361	.1875	.2322	.2627	.2734	.2627	.2322	.1875	.1361	.0865	.0459	.0185	.0046	.0004
5	.0000	.0004	.0026	.0092	.0231	.0467	.0808	.1239	.1719	.2188	.2568	.2787	.2786	.2541	.2076	.1468	.0839	.0331	.0054
6	.0000	.0000	.0002	.0011	.0038	.0100	.0217	.0413	.0703	.1094	.1569	.2090	.2587	.2965	.3115	.2936	.2376	.1488	.0515
7	.0000	.0000	.0000	.0001	.0004	.0012	.0033	.0079	.0164	.0312	.0548	.0896	.1373	.1977	.2670	.3355	.3847	.3826	.2793
8	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0007	.0017	.0039	.0084	.0168	.0319	.0576	.1001	.1678	.2725	.4305	.6634

9

0	.6302	.3874	.2316	.1342	.0751	.0404	.0207	.0101	.0046	.0020	.0008	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000
1	.2986	.3874	.3679	.3020	.2253	.1556	.1004	.0605	.0339	.0176	.0083	.0035	.0013	.0004	.0001	.0000	.0000	.0000	.0000
2	.0629	.1722	.2597	.3020	.3003	.2668	.2162	.1612	.1110	.0703	.0407	.0212	.0098	.0039	.0012	.0003	.0000	.0000	.0000
3	.0077	.0446	.1069	.1762	.2336	.2668	.2716	.2508	.2119	.1641	.1160	.0743	.0424	.0210	.0087	.0028	.0006	.0001	.0000
4	.0006	.0074	.0283	.0661	.1168	.1715	.2194	.2508	.2600	.2461	.2128	.1672	.1181	.0735	.0389	.0165	.0050	.0008	.0000
5	.0000	.0008	.0050	.0165	.0389	.0735	.1181	.1672	.2128	.2461	.2600	.2508	.2194	.1715	.1168	.0661	.0283	.0074	.0006
6	.0000	.0001	.0006	.0028	.0087	.0210	.0424	.0743	.1160	.1641	.2119	.2508	.2716	.2668	.2336	.1762	.1069	.0446	.0077
7	.0000	.0000	.0000	.0003	.0012	.0039	.0098	.0212	.0407	.0703	.1110	.1612	.2162	.2668	.3003	.3020	.2597	.1722	.0629
8	.0000	.0000	.0000	.0000	.0001	.0004	.0013	.0035	.0083	.0176	.0339	.0605	.1004	.1556	.2253	.3020	.3679	.3874	.2986
9	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0008	.0020	.0046	.0101	.0207	.0404	.0751	.1342	.2316	.3874	.6302

10

0	.5987	.3487	.1969	.1074	.0563	.0282	.0135	.0060	.0025	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.3151	.3874	.3474	.2684	.1877	.1211	.0725	.0403	.0207	.0098	.0042	.0016	.0005	.0001	.0000	.0000	.0000	.0000	.0000
2	.0746	.1937	.2759	.3020	.2816	.2335	.1757	.1209	.0763	.0439	.0229	.0106	.0043	.0014	.0004	.0001	.0000	.0000	.0000
3	.0105	.0574	.1298	.2013	.2503	.2668	.2522	.2150	.1665	.1172	.0746	.0425	.0212	.0090	.0031	.0008	.0001	.0000	.0000
4	.0010	.0112	.0401	.0881	.1460	.2001	.2377	.2508	.2384	.2051	.1596	.1115	.0689	.0368	.0162	.0055	.0012	.0001	.0000
5	.0001	.0015	.0085	.0264	.0584	.1029	.1536	.2007	.2340	.2461	.2340	.2007	.1536	.1029	.0584	.0264	.0085	.0015	.0001
6	.0000	.0001	.0012	.0055	.0162	.0368	.0689	.1115	.1596	.2051	.2384	.2508	.2377	.2001	.1460	.0881	.0401	.0112	.0010
7	.0000	.0000	.0001	.0008	.0031	.0090	.0212	.0425	.0746	.1172	.1665	.2150	.2522	.2668	.2503	.2013	.1298	.0574	.0105
8	.0000	.0000	.0000	.0001	.0004	.0014	.0043	.0106	.0229	.0439	.0763	.1209	.1757	.2335	.2816	.3020	.2759	.1937	.0746
9	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0016	.0042	.0098	.0207	.0403	.0725	.1211	.1877	.2684	.3474	.3874	.3151
10	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010	.0025	.0060	.0135	.0282	.0563	.1074	.1969	.3487	.5987

ST 103

Table III (Continued)

n	x	p																						
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95				
11	0	.5688	.3138	.1673	.0859	.0422	.0198	.0088	.0036	.0014	.0005	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	1	.3293	.3835	.3248	.2362	.1549	.0932	.0518	.0266	.0125	.0054	.0021	.0007	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000		
	2	.0867	.2131	.2866	.2953	.2581	.1998	.1395	.0887	.0513	.0269	.0126	.0052	.0018	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
	3	.0137	.0710	.1517	.2215	.2581	.2568	.2254	.1774	.1259	.0806	.0462	.0234	.0102	.0037	.0011	.0002	.0000	.0000	.0000	.0000	.0000	.0000	
	4	.0014	.0158	.0536	.1107	.1721	.2201	.2428	.2365	.2060	.1611	.1128	.0701	.0379	.0173	.0064	.0017	.0003	.0000	.0000	.0000	.0000	.0000	
	5	.0001	.0025	.0132	.0388	.0803	.1321	.1830	.2207	.2360	.2256	.1931	.1471	.0985	.0566	.0268	.0097	.0023	.0003	.0000	.0000	.0000	.0000	
	6	.0000	.0003	.0023	.0097	.0268	.0566	.0985	.1471	.1931	.2256	.2360	.2207	.1711	.1128	.0701	.0379	.0173	.0064	.0017	.0003	.0000	.0000	
	7	.0000	.0000	.0003	.0017	.0064	.0173	.0379	.0701	.1128	.1611	.2060	.2365	.2428	.2201	.1721	.1107	.0536	.0158	.0014	.0000	.0000	.0000	
	8	.0000	.0000	.0000	.0002	.0011	.0037	.0102	.0234	.0462	.0806	.1259	.1774	.2254	.2568	.2581	.2215	.1517	.0710	.0137	.0000	.0000	.0000	
	9	.0000	.0000	.0000	.0000	.0001	.0005	.0018	.0052	.0126	.0269	.0513	.0887	.1395	.1998	.2581	.2953	.2866	.2131	.0867	.0000	.0000	.0000	
	10	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0007	.0021	.0054	.0125	.0266	.0518	.0932	.1549	.2362	.3248	.3835	.3293	.0000	.0000	.0000	
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0005	.0014	.0036	.0088	.0198	.0422	.0859	.1673	.3138	.5688	.0000	.0000	.0000	
12	0	.5404	.2824	.1422	.0687	.0317	.0138	.0057	.0022	.0008	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000		
	1	.3413	.3766	.3012	.2062	.1267	.0712	.0368	.0174	.0075	.0029	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
	2	.0988	.2301	.2924	.2835	.2323	.1678	.1088	.0639	.0339	.0161	.0068	.0025	.0008	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	3	.0173	.0852	.1720	.2362	.2581	.2397	.1954	.1419	.0923	.0537	.0277	.0125	.0048	.0015	.0004	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	4	.0021	.0213	.0683	.1329	.1936	.2311	.2367	.2128	.1700	.1208	.0762	.0420	.0199	.0078	.0024	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	5	.0002	.0038	.0193	.0532	.1032	.1585	.2039	.2270	.2225	.1934	.1489	.1009	.0591	.0291	.0115	.0033	.0006	.0000	.0000	.0000	.0000	.0000	.0000
	6	.0000	.0005	.0040	.0155	.0401	.0792	.1281	.1766	.2124	.2256	.2124	.1766	.1281	.0792	.0401	.0155	.0040	.0005	.0000	.0000	.0000	.0000	.0000
	7	.0000	.0000	.0006	.0033	.0115	.0291	.0591	.1009	.1489	.1934	.2225	.2270	.2039	.1585	.1032	.0532	.0193	.0038	.0002	.0000	.0000	.0000	.0000
	8	.0000	.0000	.0001	.0005	.0024	.0078	.0199	.0420	.0762	.1208	.1700	.2128	.2367	.2311	.1936	.1329	.0683	.0213	.0021	.0000	.0000	.0000	.0000
	9	.0000	.0000	.0000	.0001	.0004	.0015	.0048	.0125	.0277	.0537	.0923	.1419	.1954	.2397	.2581	.2362	.1720	.0852	.0173	.0000	.0000	.0000	.0000
	10	.0000	.0000	.0000	.0000	.0000	.0002	.0008	.0025	.0068	.0161	.0339	.0639	.1088	.1678	.2323	.2835	.2924	.2301	.0988	.0000	.0000	.0000	.0000
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010	.0029	.0075	.0174	.0368	.0712	.1267	.2062	.3012	.3766	.3413	.0000	.0000	.0000	.0000
12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0008	.0022	.0057	.0138	.0317	.0687	.1422	.2824	.5404	.0000	.0000	.0000	.0000	

Table IV Cumulative Binomial Probabilities

n	x	P																		
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
1	0	.9500	.9000	.8500	.8000	.7500	.7000	.6500	.6000	.5500	.5000	.4500	.4000	.3500	.3000	.2500	.2000	.1500	.1000	.0500
	1	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
2	0	.9025	.8100	.7225	.6400	.5625	.4900	.4225	.3600	.3025	.2500	.2025	.1600	.1225	.0900	.0625	.0400	.0225	.0100	.0025
	1	.9975	.9900	.9775	.9600	.9375	.9100	.8775	.8400	.7975	.7500	.6975	.6400	.5775	.5100	.4375	.3600	.2775	.1900	.0975
	2	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
3	0	.8574	.7290	.6141	.5120	.4219	.3430	.2746	.2160	.1664	.1250	.0911	.0640	.0429	.0270	.0156	.0080	.0034	.0010	.0001
	1	.9928	.9720	.9393	.8960	.8438	.7840	.7183	.6480	.5748	.5000	.4253	.3520	.2818	.2160	.1563	.1040	.0608	.0280	.0073
	2	.9999	.9990	.9966	.9920	.9844	.9730	.9571	.9360	.9089	.8750	.8336	.7840	.7254	.6570	.5781	.4880	.3859	.2710	.1426
	3	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
4	0	.8145	.6561	.5220	.4096	.3164	.2401	.1785	.1296	.0915	.0625	.0410	.0256	.0150	.0081	.0039	.0016	.0005	.0001	.0000
	1	.9860	.9477	.8905	.8192	.7383	.6517	.5630	.4752	.3910	.3125	.2415	.1792	.1265	.0837	.0508	.0272	.0120	.0037	.0005
	2	.9995	.9963	.9880	.9728	.9492	.9163	.8735	.8208	.7585	.6875	.6090	.5248	.4370	.3483	.2617	.1808	.1095	.0523	.0140
	3	1.0000	.9999	.9995	.9984	.9961	.9919	.9850	.9744	.9590	.9375	.9085	.8704	.8215	.7599	.6836	.5904	.4780	.3439	.1855
	4	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
5	0	.7738	.5905	.4437	.3277	.2373	.1681	.1160	.0778	.0503	.0313	.0185	.0102	.0053	.0024	.0010	.0003	.0001	.0000	.0000
	1	.9974	.9185	.8352	.7373	.6328	.5282	.4284	.3370	.2562	.1875	.1312	.0870	.0540	.0308	.0156	.0067	.0022	.0005	.0000
	2	.9988	.9914	.9734	.9421	.8965	.8369	.7648	.6826	.5931	.5000	.4069	.3174	.2352	.1631	.1035	.0579	.0266	.0086	.0012
	3	1.0000	.9995	.9978	.9933	.9844	.9692	.9460	.9130	.8688	.8125	.7438	.6630	.5716	.4718	.3672	.2627	.1648	.0815	.0226
	4	1.0000	1.0000	.9999	.9997	.9990	.9976	.9947	.9898	.9815	.9688	.9497	.9222	.8840	.8319	.7627	.6723	.5563	.4095	.2262
	5	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
6	0	.7351	.5314	.3771	.2621	.1780	.1176	.0754	.0467	.0277	.0156	.0083	.0041	.0018	.0007	.0002	.0001	.0000	.0000	.0000
	1	.9672	.8857	.7765	.6554	.5339	.4202	.3191	.2333	.1636	.1094	.0692	.0410	.0223	.0109	.0046	.0016	.0004	.0001	.0000
	2	.9978	.9842	.9527	.9011	.8306	.7443	.6471	.5443	.4415	.3438	.2553	.1792	.1174	.0705	.0376	.0170	.0059	.0013	.0001
	3	.9999	.9987	.9941	.9830	.9624	.9295	.8826	.8208	.7447	.6563	.5585	.4557	.3529	.2557	.1694	.0989	.0473	.0159	.0022
	4	1.0000	.9999	.9996	.9984	.9954	.9891	.9777	.9590	.9308	.8906	.8364	.7667	.6809	.5798	.4661	.3446	.2235	.1143	.0328
	5	1.0000	1.0000	1.0000	.9999	.9998	.9993	.9982	.9959	.9917	.9844	.9723	.9533	.9246	.8824	.8220	.7379	.6229	.4686	.2649
	6	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

Table IV (Continued)

n	x	p																		
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
7	0	.6983	.4783	.3206	.2097	.1335	.0824	.0490	.0280	.0152	.0078	.0037	.0016	.0006	.0002	.0001	.0000	.0000	.0000	.0000
	1	.9556	.8503	.7166	.5767	.4449	.3294	.2338	.1586	.1024	.0625	.0357	.0188	.0090	.0038	.0013	.0004	.0001	.0000	.0000
	2	.9962	.9743	.9262	.8520	.7564	.6471	.5323	.4199	.3164	.2266	.1529	.0963	.0556	.0285	.0129	.0047	.0012	.0002	.0000
	3	.9998	.9973	.9879	.9667	.9294	.8740	.8002	.7102	.6083	.5000	.3917	.2898	.1998	.1260	.0706	.0333	.0121	.0027	.0002
	4	1.0000	.9998	.9988	.9953	.9871	.9712	.9444	.9037	.8471	.7734	.6836	.5801	.4677	.3529	.2436	.1480	.0738	.0257	.0038
	5	1.0000	1.0000	.9999	.9996	.9987	.9962	.9910	.9812	.9643	.9375	.8976	.8414	.7662	.6706	.5551	.4233	.2834	.1497	.0444
	6	1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9994	.9984	.9963	.9922	.9848	.9720	.9510	.9176	.8665	.7903	.6794	.5217	.3017
	7	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
8	0	.6634	.4305	.2725	.1678	.1001	.0576	.0319	.0168	.0084	.0039	.0017	.0007	.0002	.0001	.0000	.0000	.0000	.0000	.0000
	1	.9428	.8131	.6572	.5033	.3671	.2553	.1691	.1064	.0632	.0352	.0181	.0085	.0036	.0013	.0004	.0001	.0000	.0000	.0000
	2	.9942	.9619	.8948	.7969	.6785	.5518	.4278	.3154	.2201	.1445	.0885	.0498	.0253	.0113	.0042	.0012	.0002	.0000	.0000
	3	.9996	.9950	.9786	.9437	.8862	.8059	.7064	.5941	.4470	.3633	.2604	.1737	.1061	.0580	.0273	.0104	.0029	.0004	.0000
	4	1.0000	.9996	.9971	.9896	.9727	.9420	.8939	.8263	.7396	.6367	.5230	.4059	.2936	.1941	.1138	.0563	.0214	.0050	.0004
	5	1.0000	1.0000	.9998	.9988	.9958	.9887	.9747	.9502	.9115	.8555	.7799	.6846	.5722	.4482	.3215	.2031	.1052	.0381	.0058
	6	1.0000	1.0000	1.0000	.9999	.9996	.9987	.9964	.9915	.9819	.9648	.9368	.8936	.8309	.7447	.6329	.4967	.3428	.1869	.0572
	7	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9993	.9983	.9961	.9916	.9832	.9681	.9424	.8999	.8322	.7275	.5695	.3366
	8	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
9	0	.6302	.3874	.2316	.1342	.0751	.0404	.0207	.0101	.0046	.0020	.0008	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9288	.7748	.5995	.4362	.3003	.1960	.1211	.0705	.0385	.0195	.0091	.0038	.0014	.0004	.0001	.0000	.0000	.0000	.0000
	2	.9916	.9470	.8591	.7382	.6007	.4628	.3373	.2318	.1495	.0898	.0498	.0250	.0112	.0043	.0013	.0003	.0000	.0000	.0000
	3	.9994	.9917	.9661	.9144	.8343	.7297	.6089	.4826	.3614	.2539	.1658	.0994	.0536	.0253	.0100	.0031	.0006	.0001	.0000
	4	1.0000	.9991	.9944	.9804	.9511	.9012	.8283	.7334	.6214	.5000	.3786	.2666	.1717	.0988	.0489	.0196	.0056	.0009	.0000
	5	1.0000	.9999	.9994	.9969	.9900	.9747	.9464	.9006	.8342	.7461	.6386	.5174	.3911	.2703	.1657	.0856	.0339	.0083	.0006
	6	1.0000	1.0000	1.0000	.9997	.9987	.9957	.9888	.9750	.9502	.9102	.8505	.7682	.6627	.5372	.3993	.2618	.1409	.0530	.0084
	7	1.0000	1.0000	1.0000	1.0000	.9999	.9996	.9986	.9962	.9909	.9805	.9615	.9295	.8789	.8040	.6997	.5638	.4005	.2252	.0712
	8	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9992	.9980	.9954	.9899	.9793	.9596	.9249	.8658	.7684	.6126	.3698
	9	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
10	0	.5987	.3487	.1969	.1074	.0563	.0282	.0135	.0060	.0025	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9139	.7361	.5443	.3758	.2440	.1493	.0860	.0464	.0233	.0107	.0045	.0017	.0005	.0001	.0000	.0000	.0000	.0000	.0000
	2	.9885	.9298	.8202	.6778	.5256	.3828	.2616	.1673	.0996	.0547	.0274	.0123	.0048	.0016	.0004	.0001	.0000	.0000	.0000
	3	.9990	.9872	.9500	.8791	.7759	.6496	.5138	.3823	.2660	.1719	.1020	.0548	.0260	.0106	.0035	.0009	.0001	.0000	.0000
	4	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

	4	.9999	.9984	.9901	.9672	.9219	.8497	.7515	.6331	.5044	.3770	.2616	.1662	.0949	.0473	.0197	.0064	.0014	.0001	.0000
	5	1.0000	.9999	.9986	.9936	.9803	.9527	.9051	.8338	.7384	.6230	.4956	.3669	.2485	.1503	.0781	.0328	.0099	.0016	.0001
	6	1.0000	1.0000	.9999	.9991	.9965	.9894	.9740	.9452	.8980	.8281	.7340	.6177	.4862	.3504	.2241	.1209	.0500	.0128	.0010
	7	1.0000	1.0000	1.0000	.9999	.9996	.9984	.9952	.9877	.9726	.9453	.9004	.8327	.7384	.6172	.4744	.3222	.1798	.0702	.0115
	8	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	.9983	.9955	.9893	.9767	.9536	.9140	.8507	.7560	.6242	.4557	.2639	.0861
	9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9990	.9975	.9940	.9865	.9718	.9437	.8926	.8031	.6513	.4013
	10	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
11	0	.5688	.3138	.1673	.0859	.0422	.0198	.0088	.0036	.0014	.0005	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.8981	.6974	.4922	.3221	.1971	.1130	.0606	.0302	.0139	.0059	.0022	.0007	.0002	.0000	.0000	.0000	.0000	.0000	.0000
	2	.9848	.9104	.7788	.6174	.4552	.3127	.2001	.1189	.0652	.0327	.0148	.0059	.0020	.0006	.0001	.0000	.0000	.0000	.0000
	3	.9984	.9815	.9306	.8389	.7133	.5696	.4256	.2963	.1911	.1133	.0610	.0293	.0122	.0043	.0012	.0002	.0000	.0000	.0000
	4	.9999	.9972	.9841	.9496	.8854	.7897	.6683	.5328	.3971	.2744	.1738	.0994	.0501	.0216	.0076	.0020	.0003	.0000	.0000
	5	1.0000	.9997	.9973	.9883	.9657	.9218	.8513	.7535	.6331	.5000	.3669	.2465	.1487	.0782	.0343	.0117	.0027	.0003	.0000
	6	1.0000	1.0000	.9997	.9980	.9924	.9784	.9499	.9006	.8262	.7256	.6029	.4672	.3317	.2103	.1146	.0504	.0159	.0028	.0001
	7	1.0000	1.0000	1.0000	.9998	.9988	.9957	.9878	.9707	.9390	.8867	.8089	.7037	.5744	.4304	.2867	.1611	.0694	.0185	.0016
	8	1.0000	1.0000	1.0000	1.0000	.9999	.9994	.9980	.9941	.9852	.9673	.9348	.8811	.7999	.6873	.5448	.3826	.2212	.0896	.0152
	9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9993	.9978	.9941	.9861	.9698	.9394	.8870	.8029	.6779	.5078	.3026	.1019
	10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9995	.9986	.9964	.9912	.9802	.9578	.9141	.8327	.6862	.4312	.1000
	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	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
12	0	.5404	.2824	.1422	.0687	.0317	.0138	.0057	.0022	.0008	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.8816	.6590	.4435	.2749	.1584	.0850	.0424	.0196	.0083	.0032	.0011	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	2	.9804	.8891	.7358	.5583	.3907	.2528	.1513	.0834	.0421	.0193	.0079	.0028	.0008	.0002	.0000	.0000	.0000	.0000	.0000
	3	.9978	.9744	.9078	.7946	.6488	.4925	.3467	.2253	.1345	.0730	.0356	.0153	.0056	.0017	.0004	.0001	.0000	.0000	.0000
	4	.9998	.9957	.9761	.9274	.8424	.7237	.5833	.4382	.3044	.1938	.1117	.0573	.0255	.0095	.0028	.0006	.0001	.0000	.0000
	5	1.0000	.9995	.9954	.9806	.9456	.8822	.7873	.6652	.5269	.3872	.2607	.1582	.0846	.0386	.0143	.0039	.0007	.0001	.0000
	6	1.0000	.9999	.9993	.9961	.9857	.9614	.9154	.8418	.7393	.6128	.4731	.3348	.2127	.1178	.0544	.0194	.0046	.0005	.0000
	7	1.0000	1.0000	.9999	.9994	.9972	.9905	.9745	.9427	.8883	.8062	.6956	.5618	.4167	.2763	.1576	.0726	.0239	.0043	.0002
	8	1.0000	1.0000	1.0000	.9999	.9996	.9983	.9944	.9847	.9644	.9270	.8655	.7747	.6533	.5075	.3512	.2054	.0922	.0256	.0022
	9	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9992	.9972	.9921	.9807	.9579	.9166	.8487	.7472	.6093	.4417	.2642	.1109	.0196
	10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9989	.9968	.9917	.9804	.9576	.9150	.8416	.7251	.5565	.3410	.1184
	11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9992	.9978	.9943	.9862	.9683	.9313	.8578	.7176	.4596	.1000
	12	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
13	0	.5133	.2542	.1209	.0550	.0238	.0097	.0037	.0013	.0004	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.8646	.6213	.3983	.2336	.1267	.0637	.0296	.0126	.0049	.0017	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	2	.9755	.8661	.6920	.5017	.3326	.2025	.1132	.0579	.0269	.0112	.0041	.0013	.0003	.0001	.0000	.0000	.0000	.0000	.0000
	3	.9969	.9658	.8820	.7473	.5843	.4206	.2783	.1686	.0929	.0461	.0203	.0078	.0025	.0007	.0001	.0000	.0000	.0000	.0000

Table IV (Continued)

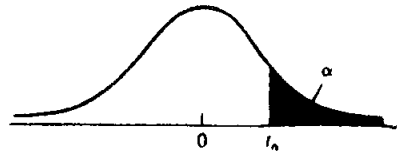
n	x	p																			
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	
13	4	.9997	.9935	.9658	.9009	.7940	.6543	.5005	.3530	.2279	.1334	.0698	.0321	.0126	.0040	.0010	.0002	.0000	.0000	.0000	
	5	1.0000	.9991	.9925	.9700	.9198	.8346	.7159	.5744	.4268	.2905	.1788	.0977	.0462	.0182	.0056	.0012	.0002	.0000	.0000	
	6	1.0000	.9999	.9987	.9930	.9757	.9376	.8705	.7712	.6437	.5000	.3563	.2288	.1295	.0624	.0243	.0070	.0013	.0001	.0000	
	7	1.0000	1.0000	.9998	.9988	.9944	.9818	.9538	.9023	.8212	.7095	.5732	.4256	.2841	.1654	.0802	.0300	.0075	.0009	.0000	
	8	1.0000	1.0000	1.0000	.9998	.9990	.9960	.9874	.9679	.9302	.8666	.7721	.6470	.4995	.3457	.2060	.0991	.0342	.0065	.0003	
	9	1.0000	1.0000	1.0000	1.0000	.9999	.9993	.9975	.9922	.9797	.9539	.9071	.8314	.7217	.5794	.4157	.2527	.1180	.0342	.0031	
	10	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9987	.9959	.9888	.9731	.9421	.8868	.7975	.6674	.4983	.3080	.1339	.0245	
	11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	.9983	.9951	.9874	.9704	.9363	.8733	.7664	.6017	.3787	.1354	
	12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9996	.9987	.9963	.9903	.9762	.9450	.8791	.7458	.4867	
	13	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	
	14	0	.4877	.2288	.1028	.0440	.0178	.0068	.0024	.0008	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
		1	.8470	.5846	.3567	.1979	.1010	.0475	.0205	.0081	.0029	.0009	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
		2	.9699	.8416	.6479	.4481	.2811	.1608	.0839	.0398	.0170	.0065	.0022	.0006	.0001	.0000	.0000	.0000	.0000	.0000	.0000
3		.9958	.9559	.8535	.6982	.5213	.3552	.2205	.1243	.0632	.0287	.0114	.0039	.0011	.0002	.0000	.0000	.0000	.0000	.0000	
4		.9996	.9908	.9533	.8702	.7415	.5842	.4227	.2793	.1672	.0898	.0426	.0175	.0060	.0017	.0003	.0000	.0000	.0000	.0000	
5		1.0000	.9985	.9885	.9561	.8883	.7805	.6405	.4859	.3373	.2120	.1189	.0583	.0243	.0083	.0022	.0004	.0000	.0000	.0000	
6		1.0000	.9998	.9978	.9884	.9617	.9067	.8164	.6925	.5461	.3953	.2586	.1501	.0753	.0315	.0103	.0024	.0003	.0000	.0000	
7		1.0000	1.0000	.9997	.9976	.9897	.9685	.9247	.8499	.7414	.6047	.4539	.3075	.1836	.0933	.0383	.0116	.0022	.0002	.0000	
8		1.0000	1.0000	1.0000	.9996	.9978	.9917	.9757	.9417	.8811	.7880	.6627	.5141	.3595	.2195	.1117	.0439	.0115	.0015	.0000	
9		1.0000	1.0000	1.0000	1.0000	.9997	.9983	.9940	.9825	.9574	.9102	.8328	.7207	.5773	.4158	.2585	.1298	.0467	.0092	.0004	
10		1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9989	.9961	.9886	.9713	.9368	.8757	.7795	.6448	.4787	.3018	.1465	.0441	.0042	
11		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9994	.9978	.9935	.9830	.9602	.9161	.8392	.7189	.5519	.3521	.1584	.0301	
12		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9991	.9971	.9919	.9795	.9525	.8990	.8021	.6433	.4154	.1530	
13		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9992	.9976	.9932	.9822	.9560	.8972	.7712	.5123	
14	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		
15	0	.4633	.2059	.0874	.0352	.0134	.0047	.0016	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
	1	.8290	.5490	.3186	.1671	.0802	.0353	.0142	.0052	.0017	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
	2	.9638	.8159	.6042	.3980	.2361	.1268	.0617	.0271	.0107	.0037	.0011	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	
	3	.9945	.9444	.8227	.6482	.4613	.2969	.1727	.0905	.0424	.0176	.0063	.0019	.0005	.0001	.0000	.0000	.0000	.0000	.0000	
	4	.9994	.9873	.9383	.8358	.6865	.5155	.3519	.2173	.1204	.0592	.0255	.0093	.0028	.0007	.0001	.0000	.0000	.0000	.0000	
5	.9999	.9978	.9832	.9389	.8516	.7216	.5643	.4032	.2608	.1509	.0769	.0338	.0124	.0037	.0006	.0001	.0000	.0000	.0000		

6	1.0000	.9997	.9964	.9819	.9434	.8689	.7548	.6098	.4522	.3036	.1818	.0950	.0422	.0152	.0042	.0008	.0001	.0000	.0000
7	1.0000	1.0000	.9994	.9958	.9827	.9500	.8868	.7869	.6535	.5000	.3465	.2131	.1132	.0500	.0173	.0042	.0006	.0000	.0000
8	1.0000	1.0000	.9999	.9992	.9958	.9848	.9578	.9050	.8182	.6964	.5478	.3902	.2452	.1311	.0566	.0181	.0036	.0003	.0000
9	1.0000	1.0000	1.0000	.9999	.9992	.9963	.9876	.9662	.9231	.8491	.7392	.5968	.4357	.2784	.1484	.0611	.0168	.0022	.0001
10	1.0000	1.0000	1.0000	1.0000	.9999	.9993	.9972	.9907	.9745	.9408	.8796	.7827	.6481	.4845	.3135	.1642	.0617	.0127	.0006
11	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	.9981	.9937	.9824	.9576	.9095	.8273	.7031	.5387	.3518	.1773	.0556	.0055
12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9989	.9963	.9893	.9729	.9383	.8732	.7639	.6020	.3958	.1841	.0362
13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	.9983	.9948	.9858	.9647	.9198	.8329	.6814	.4510	.1710
14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	.9984	.9953	.9866	.9648	.9126	.7941	.5367
15	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
16	0	.4401	.1853	.0743	.0281	.0100	.0033	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.8108	.5147	.2839	.1407	.0635	.0261	.0098	.0033	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
2	.9571	.7892	.5614	.3518	.1971	.0994	.0451	.0183	.0066	.0021	.0006	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
3	.9930	.9316	.7899	.5981	.4050	.2459	.1339	.0651	.0281	0.106	0.035	.0009	.0002	.0000	.0000	.0000	.0000	.0000	.0000
4	.9991	.9830	.9209	.7982	.6302	.4499	.2892	.1666	.0853	.0384	.0149	.0049	.0013	.0003	.0000	.0000	.0000	.0000	.0000
5	.9999	.9967	.9765	.9183	.8103	.6598	.4900	.3288	.1976	.1051	.0486	.0191	.0062	.0016	.0003	.0000	.0000	.0000	.0000
6	1.0000	.9995	.9944	.9733	.9204	.8247	.6881	.5272	.3660	.2272	.1241	.0588	.0229	.0071	.0016	.0002	.0000	.0000	.0000
7	1.0000	.9999	.9989	.9930	.9729	.9256	.8406	.7161	.5629	.4018	.2559	.1423	.0671	.0257	.0075	.0015	.0002	.0000	.0000
8	1.0000	1.0000	.9998	.9985	.9925	.9743	.9329	.8577	.7441	.5982	.4371	.2839	.1594	.0744	.0271	.0070	.0011	.0001	.0000
9	1.0000	1.0000	1.0000	.9998	.9984	.9929	.9771	.9417	.8759	.7728	.6340	.4728	.3119	.1753	.0796	.0267	.0056	.0005	.0000
10	1.0000	1.0000	1.0000	1.0000	.9997	.9984	.9938	.9809	.9514	.8949	.8024	.6712	.5100	.3402	.1897	.0817	.0235	.0033	.0001
11	1.0000	1.0000	1.0000	1.0000	1.0000	.9997	.9987	.9951	.9851	.9616	.9147	.8334	.7108	.5501	.3698	.2018	.0791	.0170	.0009
12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9991	.9965	.9894	.9719	.9349	.8661	.7541	.5950	.4019	.2101	.0684	.0070
13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9994	.9979	.9934	.9817	.9549	.9006	.8029	.6482	.4386	.2108	.0429
14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9990	.9967	.9902	.9739	.9365	.8593	.7161	.4853	.1892
15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9990	.9967	.9900	.9719	.9257	.8147	.5599
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	1.0000	1.0000	1.0000
17	0	.4181	.1668	.0631	.0225	.0075	.0023	.0007	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.7922	.4818	.2525	.1182	.0501	.0193	.0067	.0021	.0006	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
2	.9497	.7618	.5198	.3096	.1637	.0774	.0327	.0123	.0041	.0012	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
3	.9912	.9174	.7556	.5489	.3530	.2019	.1028	.0464	.0184	.0064	.0019	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000
4	.9988	.9779	.9013	.7582	.5739	.3887	.2348	.1260	.0596	.0245	.0086	.0025	.0006	.0001	.0000	.0000	.0000	.0000	.0000
5	.9999	.9953	.9681	.8943	.7653	.5968	.4197	.2639	.1471	.0717	.0301	.0106	.0030	.0007	.0001	.0000	.0000	.0000	.0000
6	1.0000	.9992	.9917	.9623	.8929	.7752	.6188	.4478	.2902	.1662	.0826	.0348	.0120	.0032	.0006	.0001	.0000	.0000	.0000
7	1.0000	.9999	.9983	.9891	.9598	.8954	.7872	.6405	.4743	.3145	.1834	.0919	.0383	.0127	.0031	.0005	.0000	.0000	.0000
8	1.0000	1.0000	.9997	.9974	.9876	.9597	.9006	.8011	.6626	.5000	.3374	.1989	.0994	.0403	.0124	.0026	.0003	.0000	.0000
9	1.0000	1.0000	1.0000	.9995	.9969	.9873	.9617	.9081	.8166	.6855	.5257	.3595	.2128	.1046	.0402	.0109	.0017	.0001	.0000

Table IV (Continued)

		p																		
n	x	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
	10	1.0000	1.0000	1.0000	.9999	.9994	.9968	.9880	.9652	.9174	.8338	.7098	.5522	.3812	.2248	.1071	.0377	.0083	.0008	.0000
	11	1.0000	1.0000	1.0000	1.0000	.9999	.9993	.9970	.9894	.9699	.9283	.8529	.7361	.5803	.4032	.2347	.1057	.0319	.0047	.0001
	12	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9994	.9975	.9914	.9755	.9404	.8740	.7652	.6113	.4261	.2418	.0987	.0221	.0012
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	.9981	.9936	.9816	.9536	.8972	.7981	.6470	.4511	.2444	.0826	.0088
	14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9988	.9959	.9877	.9673	.9226	.8363	.6904	.4802	.2382	.0503
	15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9994	.9979	.9935	.9807	.9499	.8818	.7475	.5182	.2078
	16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9993	.9977	.9925	.9775	.9369	.8332	.5819
	17	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
18	0	.3972	.1501	.0536	.0180	.0056	.0016	.0004	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.7735	.4503	.2241	.0991	.0395	.0142	.0046	.0013	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	2	.9419	.7338	.4797	.2713	.1353	.0600	.0236	.0082	.0025	.0007	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	3	.9891	.9018	.7202	.5010	.3057	.1646	.0783	.0328	.0120	.0038	.0010	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	4	.9985	.9718	.8794	.7164	.5187	.3327	.1886	.0942	.0411	.0154	.0049	.0013	.0003	.0000	.0000	.0000	.0000	.0000	.0000
	5	.9998	.9936	.9581	.8671	.7175	.5344	.3550	.2088	.1077	.0481	.0183	.0058	.0014	.0003	.0000	.0000	.0000	.0000	.0000
	6	1.0000	.9988	.9882	.9487	.8610	.7217	.5491	.3743	.2258	.1189	.0537	.0203	.0062	.0014	.0002	.0000	.0000	.0000	.0000
	7	1.0000	.9998	.9973	.9837	.9431	.8593	.7283	.5634	.3915	.2403	.1280	.0576	.0212	.0061	.0012	.0002	.0000	.0000	.0000
	8	1.0000	1.0000	.9995	.9957	.9807	.9404	.8609	.7368	.5778	.4073	.2527	.1347	.0597	.0210	.0054	.0009	.0001	.0000	.0000
	9	1.0000	1.0000	.9999	.9991	.9946	.9790	.9403	.8653	.7473	.5927	.4222	.2632	.1391	.0596	.0193	.0043	.0005	.0000	.0000
	10	1.0000	1.0000	1.0000	.9998	.9988	.9939	.9788	.9424	.8720	.7597	.6085	.4366	.2717	.1407	.0569	.0163	.0027	.0002	.0000
	11	1.0000	1.0000	1.0000	1.0000	.9998	.9986	.9938	.9797	.9463	.8811	.7742	.6257	.4509	.2783	.1390	.0513	.0118	.0012	.0000
	12	1.0000	1.0000	1.0000	1.0000	1.0000	.9997	.9986	.9942	.9817	.9519	.8923	.7912	.6450	.4656	.2825	.1329	.0419	.0064	.0002
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9997	.9987	.9951	.9846	.9589	.9058	.8114	.6673	.4813	.2836	.1206	.0282	.0015
	14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9990	.9962	.9880	.9672	.9217	.8354	.6943	.4990	.2798	.0982	.0109
	15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9993	.9975	.9918	.9764	.9400	.8647	.7287	.5203	.2662	.0581
	16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9987	.9954	.9858	.9605	.9009	.7759	.5497	.2265
	17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9996	.9984	.9944	.9820	.9464	.8499	.6028
	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
19	0	.3774	.1351	.0456	.0144	.0042	.0011	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.7547	.4203	.1985	.0829	.0310	.0104	.0031	.0008	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	2	.9335	.7054	.4413	.2369	.1113	.0462	.0170	.0055	.0015	.0004	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	3	.9868	.8850	.6841	.4551	.2631	.1332	.0591	.0230	.0077	.0022	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000

Table VI t Distributions

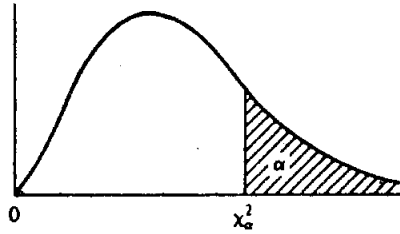


The following table provides the values of t_α that correspond to a given upper-tail area α and a specified number of degrees of freedom.

Degrees of freedom	Upper-tail area α							
	.1	.05	.025	.01	.005	.0025	.001	.0005
1	3.078	6.314	12.706	31.821	63.657	127.32	318.31	636.62
2	1.886	2.920	4.303	6.965	9.925	14.089	22.327	31.598
3	1.638	2.353	3.182	4.541	5.841	7.453	10.214	12.924
4	1.533	2.132	2.776	3.747	4.604	5.598	7.173	8.610
5	1.476	2.015	2.571	3.365	4.032	4.773	5.893	6.869
6	1.440	1.943	2.447	3.143	3.707	4.317	5.208	5.959
7	1.415	1.895	2.365	2.998	3.499	4.029	4.785	5.408
8	1.397	1.860	2.306	2.896	3.355	3.833	4.501	5.041
9	1.383	1.833	2.262	2.821	3.250	3.690	4.297	4.781
10	1.371	1.812	2.228	2.764	3.169	3.581	4.144	4.587
11	1.363	1.796	2.201	2.718	3.106	3.497	4.025	4.437
12	1.356	1.782	2.179	2.681	3.055	3.428	3.930	4.318
13	1.350	1.771	2.160	2.650	3.012	3.372	3.852	4.221
14	1.345	1.761	2.145	2.624	2.977	3.326	3.787	4.140
15	1.341	1.753	2.131	2.602	2.947	3.286	3.733	4.073
16	1.337	1.746	2.120	2.583	2.921	3.252	3.686	4.015
17	1.333	1.740	2.110	2.567	2.898	3.222	3.646	3.965
18	1.330	1.734	2.101	2.552	2.878	3.197	3.610	3.922
19	1.328	1.729	2.093	2.539	2.861	3.174	3.579	3.883
20	1.325	1.725	2.086	2.528	2.845	3.153	3.552	3.850
21	1.323	1.721	2.080	2.518	2.831	3.135	3.527	3.819
22	1.321	1.717	2.074	2.508	2.819	3.119	3.505	3.792
23	1.319	1.714	2.069	2.500	2.807	3.104	3.485	3.767
24	1.318	1.711	2.064	2.492	2.797	3.091	3.467	3.745
25	1.316	1.708	2.060	2.485	2.787	3.078	3.450	3.725
26	1.315	1.706	2.056	2.479	2.779	3.067	3.435	3.707
27	1.314	1.703	2.052	2.473	2.771	3.057	3.421	3.690
28	1.313	1.701	2.048	2.467	2.763	3.047	3.408	3.674
29	1.311	1.699	2.045	2.462	2.756	3.038	3.396	3.659
30	1.310	1.697	2.042	2.457	2.750	3.030	3.385	3.646
40	1.303	1.684	2.021	2.423	2.704	2.971	3.307	3.551
60	1.296	1.671	2.000	2.390	2.660	2.915	3.232	3.460
120	1.289	1.658	1.980	2.358	2.617	2.860	3.160	3.373
∞	1.282	1.645	1.960	2.326	2.576	2.807	3.090	3.291

Source: From Ronald A. Fisher: *Statistical Methods for Research Workers*, 14th ed. copyright © 1970 University of Adelaide.

Table VII Critical Values
of the Chi-Square Distribution



ν	α							
	0.995	0.99	0.975	0.95	0.05	0.025	0.01	0.005
1	0.00393	0.0157	0.00982	0.00393	3.841	5.024	6.635	7.879
2	0.0100	0.0201	0.0506	0.103	5.991	7.378	9.210	10.597
3	0.0717	0.115	0.216	0.352	7.815	9.348	11.345	12.838
4	0.207	0.297	0.484	0.711	9.488	11.143	13.277	14.860
5	0.412	0.554	0.831	1.145	11.070	12.832	15.086	16.750
6	0.676	0.872	1.237	1.635	12.592	14.449	16.812	18.548
7	0.989	1.239	1.690	2.167	14.067	16.013	18.475	20.278
8	1.344	1.646	2.180	2.733	15.507	17.535	20.090	21.955
9	1.735	2.088	2.700	3.325	16.919	19.023	21.666	23.589
10	2.156	2.558	3.247	3.940	18.307	20.483	23.209	25.188
11	2.603	3.053	3.816	4.575	19.675	21.920	24.725	26.757
12	3.074	3.571	4.404	5.226	21.026	23.337	26.217	28.300
13	3.565	4.107	5.009	5.892	22.362	24.736	27.688	29.819
14	4.075	4.660	5.629	6.571	23.685	26.119	29.141	31.319
15	4.601	5.229	6.262	7.261	24.996	27.488	30.578	32.801
16	5.142	5.812	6.908	7.962	26.296	28.845	32.000	34.267
17	5.697	6.408	7.564	8.672	27.587	30.191	33.409	35.718
18	6.265	7.015	8.231	9.390	28.869	31.526	34.805	37.156
19	6.844	7.633	8.907	10.117	30.144	32.852	36.191	38.582
20	7.434	8.260	9.591	10.851	31.410	34.170	37.566	39.997
21	8.034	8.897	10.283	11.591	32.671	35.479	38.932	41.401
22	8.643	9.542	10.982	12.338	33.924	36.781	40.289	42.796
23	9.260	10.196	11.689	13.091	35.172	38.076	41.638	44.181
24	9.886	10.856	12.401	13.848	36.415	39.364	42.980	45.558
25	10.520	11.524	13.120	14.611	37.652	40.646	44.314	46.928
26	11.160	12.198	13.844	15.379	38.885	41.923	45.642	48.290
27	11.808	12.879	14.573	16.151	40.113	43.194	46.963	49.645
28	12.461	13.565	15.308	16.928	41.337	44.461	48.278	50.993
29	13.121	14.256	16.047	17.708	42.557	45.722	49.588	52.336
30	13.787	14.953	16.791	18.493	43.773	46.979	50.892	53.672

* Abridged from Table 8 of *Biometrika Tables for Statisticians*, Vol. I, by permission of E. S. Pearson and the Biometrika Trustees.

Table VII Critical values of the R in the Runs Test

Given in the bodies of Table VII and Table VIII are various critical values of R for various values of n_1 and n_2 . For the one-sample run test, any value of R which is equal to or smaller than that shown in Table VII or equal to or larger than that shown in Table VIII is significant at the .05 level. For the Wald-Wolfowitz two-sample runs test, any value of R which is equal to or smaller than that shown in Table VII is significant at the .05 level.

Table VII₁

Table VIII₂

n_2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2											2	2	2	2	2	2	2	2	2
3						2	2	2	2	2	2	2	2	3	3	3	3	3	3
4					2	2	2	3	3	3	3	3	3	3	4	4	4	4	4
5				2	2	3	3	3	3	3	4	4	4	4	4	4	5	5	5
6			1	1	1	2	2	3	3	4	4	4	5	5	5	5	6	6	6
7			1	1	1	1	2	2	3	3	4	4	5	5	6	6	6	6	6
8			2	2	2	2	3	3	4	4	5	5	6	6	6	7	7	7	7
9			2	2	2	3	3	4	4	5	5	6	6	7	7	7	8	8	8
10			2	2	2	3	3	4	4	5	5	6	6	7	7	8	8	8	9
11			2	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
12			2	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	10
13	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	10
14	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
15	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	10	10	11	12
16	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	10	10	11	12
17	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	10	10	11	12
18	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	10	10	11	12
19	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	10	10	11	12
20	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	10	10	11	12

n_1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2																			
3																			
4																			
5																			
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* Adapted from Swed, Frieda S., and Eisenhart, C. 1943. Tables for testing randomness of grouping in a sequence of alternatives. *Ann. Math. Statist.*, 14, 83-85, with the kind permission of the authors and publisher.

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