Standard Practice for
Random Sampling of Construction Materials[1]

1. Scope

1.1 This practice covers the determination of random locations (or timing) at which samples of construction materials can be taken. For the exact physical procedures for securing the sample, such as a description of the sampling tool, the number of increments needed for a sample, or the size of the sample, reference should be made to the appropriate standard method. The selection procedures in Section 4 utilize the table of four-digit numbers given in Table 1.

1.2 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards:*

C 172 Practice for Sampling Freshly Mixed Concrete[2]

C 183 Practice for Sampling and the Amount of Testing of Hydraulic Cement[3]

D 75 Practice for Sampling Aggregates[4]

D 140 Practice for Sampling Bituminous Materials[4]

D 345 Test Method for Sampling and Testing Calcium Chloride for Roads and Structural Applications[4]

D 979 Practice for Sampling Bituminous Paving Mixtures[4]

D 5361 Practice for Sampling Compacted Bituminous Mixtures for Laboratory Testing[4]

E 105 Practice for Probability Sampling of Materials[5]

E 122 Practice for Choice of Sample Size to Estimate a Measure of Quality for a Lot or Process[5]

E 141 Practice for Acceptance of Evidence Based on the Results of Probability Sampling[5]

3. Significance and Use

3.1 This practice is useful for determining the location or time, or both, to take a sample in order to eliminate any intentional or minimize any unintentional bias on the part of the person taking the sample.

NOTE 1—The effectiveness of this practice in achieving random samples is limited only by the conscientiousness of the user in following the stipulated procedures.

3.2 A less detailed procedure is included in 5.8 for normal usage and is considered the most practical means except where the sampling is deemed extremely critical or where dispute is anticipated.

3.3 The selection procedures and examples in this standard provide a practical approach for ensuring that construction material samples are obtained in a random manner. Additional details concerning the number of sample increments, the number of samples, the quantities of material in each, and the procedures for extracting sample increments or samples from the construction lot or process are contained in Practices C 172, C 183, D 75, D 140, D 979, D 5361, and Test Method D 345.

3.4 This standard contains examples citing road and paving materials. The concepts outlined therein are applicable to the random sampling of any construction material and can easily be adapted thereto.

3.5 Additional sampling guidance is provided in Practice E 105 concerning probability sampling, Practice E 122 concerning choosing sample sizes to estimate the average quality of a lot or process (see Note 2), and in Practice E 141 for acceptance of evidence based on results of probability sampling.

NOTE 2—The guidance contained in Practice E 122 is not available in other documents referenced in this section.

3.6 The best and most practical method for ensuring that samples of construction materials include the full range of a construction process is by incorporating a stratified-random sampling procedure into the sampling process. To implement a stratified-random sampling procedure, divide the lot to be sampled into the desired number of equal sublots and randomly sample each sublot in accordance with this standard.

NOTE 3—If the sublots are of unequal size, it will likely be necessary to weight the samples in order to maintain a fair and defensible sampling process.

TABLE 1 Table of Random Numbers

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	0.0747	0.9908	0.7128	0.1100	0.9586	0.6746	0.0618	0.6843	0.3724	0.5563	0.8697	0.3662	0.2156	0.8643	0.5692	0.3350	0.1634	0.9557	0.5128	0.0931
2	0.1579	0.5348	0.1094	0.0785	0.0694	0.3623	0.3153	0.4182	0.5431	0.2079	0.3439	0.9225	0.7096	0.0488	0.4475	0.9850	0.8570	0.6543	0.3945	0.2898
3	0.6545	0.2054	0.3654	0.4849	0.2375	0.7008	0.2302	0.8945	0.1050	0.0939	0.1701	0.3628	0.7326	0.3496	0.7584	0.3922	0.1801	0.3785	0.4230	0.6340
4	0.7771	0.5684	0.3641	0.2839	0.6441	0.3994	0.8714	0.7783	0.2312	0.4262	0.0885	0.5032	0.7120	0.3271	0.0299	0.9276	0.7909	0.4995	0.8441	0.1960
5	0.5950	0.6068	0.5177	0.7500	0.8845	0.0654	0.5100	0.7197	0.6332	0.0401	0.6457	0.6288	0.0941	0.9641	0.8883	0.9752	0.5257	0.0424	0.3186	0.0906
6	0.5446	0.6811	0.6317	0.8782	0.6486	0.6956	0.8084	0.8824	0.6280	0.4053	0.2713	0.7759	0.7327	0.8682	0.4024	0.6919	0.9935	0.2236	0.7590	0.7186
7	0.6074	0.4514	0.8458	0.8805	0.3272	0.4951	0.0502	0.3469	0.3596	0.2388	0.8058	0.8202	0.4848	0.0831	0.2729	0.7151	0.2286	0.2231	0.7040	0.4219
8	0.5230	0.3413	0.7700	0.2934	0.2938	0.2554	0.2626	0.2379	0.0901	0.5202	0.1786	0.0856	0.6858	0.6744	0.9953	0.9740	0.7905	0.3979	0.4505	0.7848
9	0.0520	0.2910	0.5071	0.4171	0.5374	0.5522	0.7310	0.2841	0.0657	0.0249	0.0365	0.7750	0.0494	0.3423	0.3946	0.7372	0.3917	0.2911	0.8452	0.8042
10	0.0748	0.5330	0.7781	0.8309	0.7996	0.6697	0.3624	0.5200	0.8251	0.3677	0.5843	0.2496	0.4569	0.5922	0.6591	0.2317	0.4693	0.9533	0.5194	0.0535
11	0.3358	0.7229	0.8300	0.1384	0.6163	0.4872	0.8737	0.5689	0.6916	0.4636	0.7601	0.8562	0.0905	0.2191	0.9436	0.3117	0.6782	0.0551	0.6850	0.0933
12	0.7081	0.5302	0.5939	0.1827	0.1605	0.7077	0.7009	0.3198	0.8479	0.8650	0.4269	0.8879	0.6123	0.8640	0.7456	0.9556	0.8055	0.2979	0.6098	0.4045
13	0.8174	0.2389	0.0459	0.8230	0.7066	0.4224	0.2721	0.2914	0.8115	0.0845	0.4523	0.1408	0.1431	0.1857	0.6462	0.2633	0.1187	0.3307	0.1954	0.5531
14	0.0716	0.3396	0.9098	0.7288	0.6059	0.3393	0.2086	0.7414	0.0848	0.2351	0.3197	0.7290	0.9382	0.6355	0.6787	0.6030	0.3747	0.6819	0.1364	0.3636
15	0.2529	0.8794	0.6920	0.3417	0.9636	0.3280	0.7914	0.8085	0.5540	0.7864	0.4288	0.1275	0.8081	0.2968	0.8627	0.4526	0.0200	0.2935	0.8056	0.0040
16	0.4752	0.2411	0.2463	0.2470	0.5404	0.1266	0.1145	0.4639	0.2283	0.4260	0.1380	0.4722	0.5792	0.9899	0.4385	0.1651	0.4184	0.1371	0.8905	0.4740
17	0.6979	0.3783	0.7200	0.2276	0.0572	0.8382	0.9163	0.6868	0.2053	0.5727	0.1066	0.1643	0.7234	0.3692	0.2995	0.3164	0.9847	0.0700	0.8433	0.8966
18	0.5614	0.3988	0.5652	0.1268	0.4177	0.8427	0.3762	0.6873	0.5737	0.7606	0.1704	0.3697	0.8076	0.8456	0.5040	0.5266	0.3728	0.4110	0.1436	0.9623
19	0.2788	0.6972	0.4797	0.2441	0.7747	0.6485	0.5865	0.3128	0.7903	0.7055	0.3607	0.4959	0.7487	0.5484	0.3194	0.7554	0.1183	0.7472	0.0318	0.4008
20	0.2812	0.5934	0.9148	0.9333	0.5009	0.9757	0.6600	0.9859	0.1909	0.7268	0.2068	0.6592	0.4497	0.1861	0.0135	0.2533	0.9124	0.4643	0.8099	0.1805
21	0.6309	0.8515	0.3480	0.1368	0.7117	0.1757	0.0988	0.4791	0.9198	0.0708	0.2446	0.3615	0.1746	0.7166	0.4975	0.6699	0.0348	0.7029	0.9215	0.4443
22	0.5220	0.5869	0.2445	0.6146	0.2442	0.9419	0.4498	0.8941	0.6362	0.5454	0.0960	0.8411	0.0698	0.5648	0.4896	0.9944	0.5984	0.2254	0.6556	0.8225
23	0.0367	0.0788	0.7110	0.5432	0.8802	0.4543	0.0061	0.9173	0.7080	0.7466	0.6456	0.6714	0.8891	0.7929	0.4613	0.5567	0.2219	0.6831	0.0439	0.1030
24	0.2365	0.6469	0.8719	0.7650	0.8271	0.5516	0.2984	0.1590	0.3044	0.7751	0.9164	0.5354	0.0701	0.5013	0.6013	0.3348	0.7550	0.1065	0.0102	0.8375
25	0.8922	0.7232	0.3066	0.3543	0.8840	0.0639	0.8259	0.4115	0.1595	0.3081	0.1912	0.6520	0.6833	0.3086	0.1654	0.7115	0.7264	0.2409	0.8952	0.6575
26	0.0943	0.1662	0.1803	0.8264	0.1687	0.7838	0.2524	0.4905	0.1142	0.4811	0.1718	0.3565	0.0952	0.5150	0.1531	0.4150	0.8746	0.6829	0.8359	0.1222
27	0.9332	0.1245	0.0262	0.3072	0.1351	0.0877	0.6815	0.8976	0.4724	0.9748	0.0434	0.5911	0.5598	0.7725	0.2647	0.7465	0.3009	0.4672	0.9710	0.9893
28	0.9446	0.6190	0.5937	0.3910	0.6759	0.8892	0.2855	0.0004	0.7832	0.1356	0.9162	0.7360	0.1013	0.4191	0.2380	0.8184	0.1405	0.5434	0.4854	0.9227
29	0.0630	0.2919	0.5379	0.8272	0.1324	0.6053	0.4478	0.0055	0.9065	0.0014	0.3814	0.0727	0.5280	0.6696	0.5537	0.5501	0.5440	0.0378	0.1409	0.7881
30	0.6668	0.8500	0.7617	0.2571	0.2540	0.4675	0.3331	0.0855	0.9079	0.0268	0.8455	0.9960	0.5665	0.7374	0.7797	0.0783	0.8599	0.2454	0.4307	0.4235
31	0.6406	0.6335	0.2593	0.7228	0.5771	0.9646	0.4596	0.8743	0.5377	0.8009	0.6740	0.2918	0.8753	0.1852	0.9272	0.1961	0.2731	0.0775	0.0377	0.0258
32	0.2988	0.2182	0.0113	0.8098	0.6283	0.5566	0.4806	0.0771	0.5818	0.6700	0.9389	0.8163	0.5862	0.1366	0.8261	0.9044	0.4760	0.9724	0.4503	0.4051
33	0.6889	0.2370	0.7518	0.7689	0.8429	0.2292	0.1696	0.1057	0.3036	0.1040	0.3345	0.2410	0.1404	0.9982	0.4077	0.3571	0.2290	0.1882	0.4284	0.2932
34	0.1398	0.7363	0.6408	0.1277	0.8468	0.8487	0.6217	0.6055	0.8929	0.1533	0.1627	0.5066	0.0591	0.0655	0.1285	0.5920	0.0051	0.7927	0.1480	0.7462
35	0.1854	0.9911	0.5553	0.5752	0.2484	0.8131	0.6099	0.8276	0.9034	0.4942	0.4624	0.9470	0.9441	0.0539	0.4048	0.3369	0.4748	0.2541	0.6429	0.1190
36	0.3035	0.2702	0.5624	0.3048	0.1477	0.8296	0.6968	0.6153	0.5983	0.2902	0.2174	0.8274	0.7860	0.0141	0.1342	0.5597	0.2327	0.2449	0.5768	0.7622
37	0.7579	0.7321	0.2534	0.9571	0.0215	0.2168	0.0617	0.0928	0.6293	0.5167	0.7073	0.6981	0.4296	0.6983	0.6984	0.8936	0.2720	0.5696	0.8189	0.0579
38	0.4876	0.4334	0.3236	0.4658	0.8652	0.8921	0.5114	0.7652	0.2528	0.7677	0.5511	0.2017	0.7097	0.8948	0.5753	0.7743	0.2817	0.9943	0.1874	0.3299
39	0.7680	0.3214	0.9594	0.4506	0.2975	0.2802	0.2635	0.1547	0.3633	0.6018	0.4974	0.7401	0.1218	0.5993	0.8663	0.6436	0.5925	0.5308	0.9360	0.6319
40	0.7817	0.8220	0.9475	0.9127	0.6915	0.4584	0.4788	0.5493	0.8437	0.1611	0.3686	0.5466	0.7931	0.9261	0.1749	0.8672	0.0372	0.3913	0.6677	0.1995
41	0.0729	0.9746	0.9929	0.8474	0.9447	0.4406	0.4870	0.3088	0.2927	0.2451	0.2693	0.3587	0.9601	0.5293	0.4998	0.3239	0.6544	0.1973	0.6690	0.2497
42	0.9706	0.5872	0.2386	0.1284	0.3553	0.6965	0.1784	0.8344	0.8521	0.9206	0.8580	0.6996	0.3555	0.7439	0.4123	0.6228	0.8439	0.9931	0.6970	0.1508
43	0.3713	0.4437	0.3558	0.6056	0.1722	0.8451	0.1562	0.9356	0.3748	0.8933	0.9741	0.8813	0.0184	0.3142	0.2396	0.8780	0.0506	0.7934	0.4754	0.9945
44	0.2486	0.5881	0.4711	0.4247	0.4139	0.3592	0.4101	0.1279	0.2326	0.1848	0.3285	0.2948	0.7429	0.5835	0.9345	0.8812	0.7191	0.7079	0.9803	0.4049
45	0.3179	0.0628	0.4342	0.9208	0.6107	0.3191	0.5897	0.1465	0.4713	0.1867	0.7419	0.7609	0.1216	0.2498	0.0449	0.0632	0.4057	0.6186	0.5988	0.5121
46	0.1669	0.8308	0.3289	0.3237	0.0224	0.6422	0.5053	0.0059	0.5207	0.4540	0.5799	0.5093	0.6188	0.7458	0.7865	0.0331	0.5898	0.3007	0.5316	0.8819

TABLE 1 Continued

47	0.8606	0.6998	0.7262	0.9596	0.3752	0.6680	0.8865	0.7282	0.7260	0.2978	0.7030	0.3520	0.0284	0.4605	0.5233	0.9753	0.8413	0.2208	0.2321
48	0.2921	0.3652	0.9289	0.6231	0.2505	0.6322	0.3325	0.4549	0.3467	0.9969	0.2412	0.2644	0.5970	0.2578	0.7180	0.0395	0.2301	0.8133	0.4175
49	0.2945	0.6689	0.7694	0.0342	0.2303	0.3648	0.1010	0.9168	0.0259	0.2229	0.0864	0.5503	0.0736	0.6732	0.6538	0.4627	0.6473	0.2548	0.0571
50	0.5978	0.5914	0.5210	0.2474	0.7589	0.4715	0.9110	0.4563	0.0683	0.6866	0.8100	0.7730	0.0444	0.9570	0.9705	0.4684	0.0355	0.8252	0.8726
51	0.1507	0.5050	0.8412	0.5442	0.9337	0.3083	0.2678	0.2192	0.4834	0.3795	0.6225	0.9562	0.4044	0.5024	0.9703	0.7922	0.7734	0.0826	0.6793
52	0.7444	0.9194	0.4130	0.9534	0.8193	0.6766	0.0721	0.1843	0.8768	0.9736	0.1637	0.8460	0.5258	0.4486	0.8162	0.9904	0.8543	0.8094	0.2807
53	0.0126	0.1474	0.2118	0.5538	0.5273	0.9977	0.4820	0.6939	0.2728	0.6969	0.3981	0.1775	0.3026	0.5505	0.0356	0.1488	0.2636	0.6749	0.1999
54	0.5605	0.6620	0.8266	0.5841	0.4267	0.5307	0.3407	0.5876	0.4166	0.1043	0.8745	0.2539	0.6413	0.2356	0.2203	0.2761	0.9887	0.9783	0.1766
55	0.0937	0.8387	0.6747	0.7612	0.5783	0.2466	0.9294	0.1136	0.2364	0.2740	0.4366	0.3653	0.1492	0.2151	0.6274	0.9394	0.4957	0.8779	0.3501
56	0.5380	0.6102	0.7370	0.5890	0.2758	0.7223	0.3554	0.5742	0.0658	0.9992	0.7717	0.3238	0.3650	0.4640	0.8063	0.8832	0.3056	0.2085	0.8704
57	0.7027	0.9635	0.6633	0.4997	0.7711	0.8226	0.5463	0.2822	0.9240	0.6397	0.7460	0.8380	0.7949	0.8423	0.6438	0.5340	0.9464	0.1370	0.0751
58	0.3282	0.5104	0.0391	0.5707	0.3488	0.6893	0.2000	0.5767	0.0868	0.0529	0.6433	0.9890	0.7843	0.1780	0.8631	0.5090	0.0115	0.6294	0.8167
59	0.6948	0.2944	0.1715	0.0158	0.0622	0.7561	0.6808	0.4140	0.8114	0.3363	0.9397	0.5282	0.5744	0.0143	0.4601	0.3683	0.8917	0.9717	0.4765
60	0.3680	0.0120	0.7593	0.4348	0.1198	0.5772	0.5542	0.5356	0.4234	0.1514	0.5877	0.1661	0.0861	0.3674	0.2438	0.2999	0.2455	0.1598	0.0186
61	0.3666	0.4702	0.5449	0.9512	0.3968	0.6048	0.9625	0.5151	0.1109	0.7336	0.6291	0.7782	0.2500	0.3411	0.5361	0.3144	0.2936	0.5391	0.7337
62	0.4779	0.3843	0.3070	0.8244	0.2025	0.1873	0.7618	0.9541	0.0795	0.5357	0.8630	0.1490	0.4371	0.9228	0.9105	0.2092	0.2547	0.7648	0.6051
63	0.1569	0.4033	0.8388	0.1427	0.2234	0.0984	0.7973	0.4004	0.0137	0.8728	0.2943	0.7041	0.4833	0.9555	0.3485	0.9844	0.8756	0.3212	0.8539
64	0.9296	0.4026	0.3679	0.1983	0.6062	0.8032	0.7876	0.7873	0.7805	0.2171	0.7495	0.3877	0.7607	0.3906	0.9517	0.8392	0.9016	0.9220	0.6876
65	0.5129	0.2856	0.6878	0.1093	0.0917	0.8091	0.1132	0.6369	0.5430	0.4728	0.7196	0.0438	0.3914	0.1964	0.0066	0.3990	0.8635	0.4213	0.5562
66	0.6498	0.2866	0.8215	0.7569	0.8258	0.6713	0.7454	0.2531	0.5081	0.0485	0.7222	0.9314	0.6954	0.8166	0.4544	0.9367	0.3612	0.3774	0.9309
67	0.4401	0.6613	0.8031	0.9413	0.2343	0.6336	0.6982	0.9691	0.0470	0.3005	0.3544	0.1872	0.7753	0.4403	0.9101	0.7849	0.8465	0.4373	0.3699
68	0.5944	0.2501	0.9476	0.7253	0.8045	0.4499	0.6298	0.8618	0.1360	0.5653	0.6385	0.1603	0.1194	0.4467	0.6067	0.0178	0.4399	0.8087	0.0718
69	0.9048	0.3332	0.9516	0.0400	0.8240	0.1274	0.0778	0.1891	0.5864	0.5888	0.3758	0.7005	0.9135	0.3221	0.2133	0.2405	0.8734	0.9854	0.2052
70	0.4308	0.7707	0.7304	0.2390	0.2115	0.1442	0.3487	0.1340	0.3618	0.8733	0.5575	0.3831	0.4248	0.5899	0.6072	0.9599	0.1942	0.5332	0.0201
71	0.1392	0.5901	0.3090	0.5788	0.8175	0.8394	0.8911	0.8303	0.3097	0.1597	0.9800	0.2061	0.9449	0.3895	0.8316	0.0242	0.9563	0.5458	0.6672
72	0.5487	0.2821	0.4374	0.5410	0.7217	0.5819	0.2809	0.3042	0.0480	0.7861	0.5351	0.2358	0.3726	0.8557	0.2585	0.4065	0.1906	0.1325	0.3523
73	0.2947	0.4902	0.1557	0.4568	0.5087	0.5816	0.2711	0.8052	0.4062	0.9235	0.7742	0.8556	0.0844	0.1230	0.6888	0.4823	0.0923	0.9997	0.5276
74	0.7147	0.9137	0.5699	0.6089	0.5649	0.9588	0.4168	0.1416	0.3746	0.6560	0.7185	0.3434	0.1388	0.1932	0.4558	0.5022	0.4424	0.1169	0.0083
75	0.4926	0.3771	0.9265	0.6507	0.1613	0.7691	0.4678	0.3727	0.9567	0.8987	0.0145	0.9876	0.7888	0.2779	0.8666	0.2150	0.3281	0.3402	0.0018
76	0.4674	0.0198	0.5795	0.0649	0.8135	0.9230	0.7243	0.1768	0.8337	0.0237	0.5271	0.4446	0.5688	0.1897	0.6642	0.0709	0.7551	0.7175	0.7440
77	0.3293	0.1251	0.7933	0.6176	0.2683	0.5346	0.3693	0.5331	0.0181	0.2805	0.9618	0.8447	0.1794	0.9773	0.9602	0.9731	0.6823	0.0128	0.9258
78	0.0652	0.9838	0.4617	0.5622	0.8400	0.6345	0.6449	0.6037	0.1133	0.5418	0.9017	0.2848	0.7521	0.1641	0.3135	0.9613	0.3782	0.7488	0.6530
79	0.9192	0.1755	0.4934	0.9169	0.4889	0.8808	0.5973	0.8731	0.4021	0.7300	0.5621	0.3228	0.1539	0.2982	0.1131	0.6837	0.6909	0.6092	0.6800
80	0.3599	0.5328	0.1188	0.7354	0.3300	0.7343	0.1345	0.8282	0.4039	0.9426	0.5593	0.2835	0.4028	0.4111	0.6763	0.9351	0.5491	0.0146	0.8687
81	0.6161	0.1653	0.6206	0.2232	0.7515	0.5096	0.9421	0.4847	0.1702	0.9030	0.5485	0.4105	0.2295	0.4418	0.6566	0.8471	0.9508	0.0635	0.3982
82	0.5796	0.4016	0.0741	0.3600	0.2489	0.8673	0.2184	0.9103	0.8605	0.9399	0.4040	0.2013	0.2796	0.8235	0.1333	0.1339	0.8406	0.9892	0.3472
83	0.3215	0.8868	0.6038	0.8110	0.5565	0.4338	0.3352	0.6682	0.3576	0.5102	0.3868	0.8377	0.5732	0.1679	0.8735	0.8572	0.2213	0.2180	0.3427
84	0.5602	0.0173	0.3999	0.4352	0.7140	0.4794	0.2970	0.5664	0.3617	0.2694	0.4170	0.0601	0.6798	0.9341	0.5178	0.8021	0.1992	0.3019	0.6480
85	0.9372	0.6589	0.9282	0.2983	0.7088	0.4070	0.6947	0.2557	0.0570	0.8775	0.4147	0.2382	0.2087	0.4347	0.0738	0.7188	0.6080	0.0187	0.5629
86	0.3892	0.7718	0.7345	0.8721	0.5769	0.1898	0.5975	0.4881	0.7586	0.3839	0.6715	0.9723	0.6164	0.4804	0.2820	0.7682	0.9307	0.1217	0.8480
87	0.2065	0.0765	0.9466	0.0772	0.9158	0.6097	0.9762	0.3629	0.6987	0.9973	0.6523	0.2669	0.2031	0.8397	0.5006	0.7623	0.9954	0.9735	0.7704
88	0.7992	0.6325	0.6902	0.6895	0.5526	0.7721	0.4660	0.0517	0.4878	0.8039	0.3418	0.7893	0.0839	0.2577	0.8982	0.9895	0.0358	0.1233	0.6721
89	0.2340	0.3265	0.9096	0.3970	0.4952	0.7245	0.2177	0.3874	0.0989	0.4196	0.3815	0.7037	0.9487	0.1102	0.5633	0.7006	0.5581	0.7433	0.0071
90	0.3337	0.8152	0.1734	0.6126	0.4688	0.3318	0.7621	0.9503	0.6045	0.8306	0.9869	0.4350	0.3698	0.4699	0.4236	0.2106	0.5698	0.6103	0.2894
91	0.4703	0.9472	0.9548	0.9946	0.7408	0.3305	0.0816	0.5943	0.2962	0.8129	0.9750	0.4470	0.1229	0.5589	0.1433	0.3665	0.9938	0.6666	0.5107
92	0.8669	0.8504	0.0420	0.9482	0.7545	0.9114	0.9005	0.9224	0.3451	0.1089	0.1810	0.7678	0.2699	0.8655	0.6891	0.8180	0.2737	0.5592	0.8177
93	0.2346	0.3801	0.2655	0.7637	0.7842	0.1301	0.0703	0.3258	0.1058	0.3000	0.6673	0.6535	0.9290	0.0274	0.8054	0.9642	0.2479	0.3807	0.6894
94	0.2088	0.2786	0.3220	0.8361	0.2130	0.1551	0.6518	0.7365	0.7852	0.6064	0.1382	0.6807	0.8698	0.4680	0.2867	0.0903	0.8587	0.2714	0.5058
95	0.8481	0.6247	0.5632	0.6675	0.3809	0.5411	0.9183	0.4527	0.9331	0.7709	0.4610	0.6783	0.2274	0.9252	0.6667	0.3926	0.4410	0.8749	0.0946

TABLE 1 Continued

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
96	0.5504	0.3395	0.4908	0.5972	0.7803	0.8684	0.3251	0.5187	0.4900	0.6371	0.7024	0.3064	0.5083	0.0871	0.5272	0.4226	0.4925	0.2143	0.8181	0.4355
97	0.5011	0.9713	0.0759	0.3213	0.5479	0.0286	0.9488	0.0961	0.4072	0.4431	0.2600	0.2112	0.8159	0.4557	0.6106	0.1875	0.8278	0.0343	0.6772	0.0472
98	0.3330	0.3833	0.3011	0.3025	0.8370	0.3893	0.9858	0.3856	0.7198	0.8616	0.6686	0.3478	0.4228	0.9794	0.8507	0.9031	0.3429	0.4037	0.8527	0.1752
99	0.5283	0.6328	0.6261	0.0374	0.2622	0.2679	0.5403	0.5261	0.6574	0.7889	0.9112	0.6007	0.7442	0.8965	0.1240	0.1341	0.9045	0.9915	0.3114	0.5756
100	0.1383	0.2684	0.8603	0.8311	0.0448	0.1927	0.7452	0.3259	0.1688	0.4119	0.7062	0.0524	0.4555	0.3955	0.9094	0.4504	0.4275	0.6933	0.4719	0.6156
1	0.4032	0.4317	0.5014	0.0457	0.1686	0.5467	0.1120	0.7830	0.8776	0.3841	0.0056	0.9343	0.8078	0.7761	0.7501	0.8744	0.6352	0.7163	0.6262	0.0904
2	0.4390	0.7072	0.8041	0.0212	0.2193	0.6384	0.1195	0.2257	0.9806	0.0122	0.6527	0.7766	0.3433	0.5381	0.1840	0.6884	0.6135	0.9519	0.5728	0.7015
3	0.0818	0.0315	0.8113	0.1197	0.2139	0.2159	0.6311	0.9797	0.5199	0.6258	0.3773	0.3156	0.8023	0.1036	0.8544	0.3203	0.0027	0.6928	0.6254	0.2959
4	0.1947	0.8558	0.1970	0.0629	0.2574	0.5385	0.4208	0.2080	0.4950	0.6278	0.8632	0.3817	0.1175	0.6310	0.5926	0.7785	0.7240	0.2243	0.9458	0.0222
5	0.1248	0.6276	0.1007	0.3949	0.6423	0.9369	0.8990	0.3603	0.1130	0.8708	0.1985	0.6505	0.7961	0.4665	0.1796	0.5279	0.3428	0.3967	0.3330	0.8946
6	0.1529	0.2969	0.6870	0.0275	0.8232	0.4281	0.6253	0.2908	0.0782	0.8077	0.3111	0.9679	0.5846	0.5322	0.4207	0.9047	0.0129	0.5527	0.0266	0.2568
7	0.3696	0.8613	0.9755	0.3533	0.4291	0.8383	0.8856	0.3622	0.7173	0.0320	0.0244	0.3604	0.1330	0.7560	0.8931	0.4479	0.8716	0.8221	0.7968	0.8446
8	0.6323	0.7710	0.4935	0.0235	0.0012	0.2665	0.1320	0.1581	0.2221	0.5604	0.7890	0.0846	0.7907	0.2483	0.0250	0.9591	0.3514	0.5500	0.4439	0.4102
9	0.2744	0.9018	0.9544	0.4817	0.8815	0.9585	0.3034	0.8083	0.0663	0.6612	0.6500	0.6158	0.7492	0.0532	0.3315	0.4517	0.0745	0.4435	0.1570	0.3997
10	0.0870	0.5560	0.8242	0.8141	0.4341	0.6577	0.2725	0.7486	0.7921	0.3865	0.2874	0.1738	0.3730	0.2961	0.9608	0.0684	0.8070	0.8262	0.2044	0.4159
11	0.3531	0.6654	0.0322	0.4803	0.9119	0.8124	0.8118	0.8450	0.6399	0.9193	0.4758	0.0830	0.0209	0.0938	0.0566	0.9242	0.9547	0.5785	0.5641	0.7603
12	0.5535	0.0732	0.0837	0.1736	0.3167	0.6651	0.8531	0.7212	0.1578	0.6737	0.4388	0.9864	0.6166	0.7713	0.2656	0.5284	0.9994	0.7788	0.3753	0.0270
13	0.0511	0.8869	0.2165	0.9620	0.7303	0.8778	0.6041	0.0013	0.4445	0.7966	0.0558	0.7758	0.9999	0.7727	0.3243	0.9857	0.5205	0.3754	0.2602	0.6855
14	0.9936	0.9937	0.3757	0.0804	0.6011	0.1544	0.1862	0.3084	0.4582	0.5755	0.4668	0.8810	0.4916	0.8495	0.5026	0.9600	0.6932	0.7305	0.5082	0.7963
15	0.5111	0.5606	0.6661	0.4822	0.0382	0.1129	0.4069	0.2616	0.1626	0.3340	0.7017	0.5916	0.7107	0.3506	0.0692	0.9675	0.3950	0.4629	0.8457	0.3864
16	0.5170	0.4137	0.5241	0.3687	0.0461	0.2090	0.9963	0.6022	0.7058	0.5408	0.2832	0.8861	0.5468	0.6065	0.7994	0.5520	0.6784	0.3162	0.5776	0.4607
17	0.7162	0.7211	0.3829	0.1011	0.4941	0.8419	0.3845	0.2639	0.2845	0.8169	0.4938	0.7826	0.6641	0.9902	0.0540	0.3522	0.7786	0.3835	0.3249	0.4098
18	0.6906	0.5291	0.4232	0.5618	0.1201	0.3108	0.1820	0.6416	0.6096	0.5941	0.8703	0.1108	0.4186	0.8801	0.9614	0.5711	0.3729	0.1642	0.1623	0.6400
19	0.1795	0.5164	0.4279	0.4937	0.1215	0.1446	0.3175	0.8212	0.2745	0.4897	0.1520	0.6287	0.6475	0.9411	0.8351	0.4521	0.4530	0.7675	0.8770	0.2050
20	0.6329	0.0149	0.2117	0.5415	0.5398	0.4041	0.4784	0.4287	0.0998	0.0062	0.6914	0.9561	0.7292	0.3132	0.3796	0.5874	0.0084	0.9870	0.0124	0.2922
21	0.3879	0.8954	0.3051	0.1453	0.8305	0.9658	0.6757	0.1835	0.0640	0.7774	0.9366	0.3082	0.9957	0.5176	0.2383	0.2116	0.5016	0.2603	0.3180	0.2950
22	0.6307	0.3722	0.4973	0.1390	0.0631	0.6468	0.0236	0.7142	0.6375	0.2472	0.1379	0.9490	0.5861	0.9531	0.5748	0.3657	0.0754	0.7787	0.2708	0.5323
23	0.1122	0.1361	0.4686	0.8273	0.4289	0.7509	0.0673	0.0929	0.0217	0.5347	0.8884	0.2819	0.8829	0.5935	0.6814	0.0445	0.3309	0.6938	0.5393	0.5977
24	0.8048	0.1365	0.5080	0.7480	0.1517	0.2677	0.3511	0.8836	0.8367	0.9527	0.2666	0.5609	0.9855	0.0977	0.4747	0.6899	0.5268	0.6944	0.8604	0.0975
25	0.6537	0.7856	0.4160	0.4690	0.2362	0.8127	0.2670	0.7451	0.2561	0.8517	0.3189	0.2482	0.7094	0.6313	0.3121	0.9824	0.4217	0.2937	0.0118	0.0380
26	0.9353	0.8393	0.8171	0.3127	0.5063	0.8849	0.9149	0.4416	0.1561	0.3889	0.7368	0.7089	0.2712	0.1498	0.4714	0.9293	0.5569	0.2596	0.1288	0.8960
27	0.9400	0.2036	0.5127	0.6694	0.4093	0.0667	0.8332	0.0969	0.7207	0.8182	0.4460	0.6539	0.1400	0.4634	0.8827	0.2551	0.2661	0.9078	0.8573	0.1192
28	0.2239	0.4029	0.3063	0.4398	0.7552	0.2757	0.2926	0.1656	0.4827	0.4384	0.9593	0.8218	0.0005	0.7715	0.4100	0.4190	0.7591	0.6785	0.5402	0.2570
29	0.2876	0.9702	0.9232	0.4473	0.7585	0.0533	0.3639	0.1608	0.5327	0.6304	0.0715	0.6877	0.4894	0.3257	0.2853	0.6597	0.1596	0.0289	0.8314	0.0384
30	0.0227	0.6122	0.3334	0.9033	0.4106	0.1189	0.3207	0.0103	0.3849	0.0636	0.8319	0.7542	0.3109	0.4716	0.7307	0.7821	0.8267	0.0790	0.2227	0.7906
31	0.6717	0.4566	0.2084	0.0065	0.5738	0.1802	0.0117	0.9153	0.6812	0.5234	0.4880	0.5455	0.2228	0.7150	0.0078	0.6183	0.6207	0.6975	0.8321	0.9155
32	0.2266	0.1962	0.4700	0.8862	0.5265	0.6863	0.6008	0.7971	0.5203	0.5042	0.7600	0.0522	0.7091	0.2842	0.0319	0.3014	0.6120	0.6599	0.7167	0.1202
33	0.9701	0.6054	0.3389	0.1003	0.9371	0.9075	0.3569	0.3707	0.7032	0.0607	0.6004	0.9766	0.8923	0.0656	0.4578	0.1785	0.7679	0.8126	0.7093	0.0197
34	0.7918	0.8516	0.5097	0.9952	0.0521	0.8701	0.9980	0.3959	0.3884	0.1472	0.0907	0.6432	0.2980	0.8320	0.9818	0.0432	0.2885	0.6705	0.0396	0.6610
35	0.9393	0.4509	0.4913	0.4492	0.6892	0.3479	0.4775	0.2395	0.9688	0.7417	0.5616	0.4407	0.3092	0.2399	0.4183	0.0793	0.2173	0.5495	0.4345	0.7998
36	0.8219	0.2727	0.3934	0.6346	0.4340	0.7053	0.1407	0.8595	0.9318	0.7281	0.2686	0.2663	0.2738	0.1017	0.0643	0.8061	0.9374	0.6875	0.0131	0.0405
37	0.6559	0.4027	0.7634	0.1451	0.3670	0.6286	0.7511	0.3060	0.5211	0.1018	0.1377	0.1186	0.7478	0.5372	0.3119	0.4400	0.8366	0.9340	0.7908	0.3567
38	0.3882	0.4816	0.5613	0.3277	0.0584	0.7067	0.3786	0.7016	0.6198	0.7428	0.4598	0.9161	0.5270	0.5028	0.3269	0.8853	0.5043	0.0353	0.2536	0.9726
39	0.6865	0.5929	0.2014	0.4038	0.8234	0.5155	0.6427	0.1415	0.9506	0.7674	0.1044	0.1156	0.1486	0.8583	0.0699	0.1919	0.4507	0.3152	0.7726	0.1055
40	0.3980	0.8975	0.7476	0.7936	0.7941	0.3924	0.2102	0.2098	0.5498	0.7827	0.2385	0.5623	0.3768	0.8885	0.5660	0.0927	0.1878	0.0050	0.4181	0.0413
41	0.5157	0.2668	0.5693	0.0309	0.6246	0.7859	0.6927	0.9676	0.5954	0.3224	0.4580	0.1928	0.6716	0.5335	0.6360	0.4625	0.6069	0.7174	0.4476	0.0327
42	0.3790	0.4076	0.8277	0.6199	0.2223	0.3498	0.0442	0.5037	0.3043	0.0359	0.1629	0.4903	0.1357	0.3394	0.5525	0.7708	0.9525	0.3632	0.3101	0.3248

TABLE 1 Continued

#																				
43	0.7620	0.9737	0.7215	0.0596	0.4211	0.3643	0.4587	0.6826	0.4991	0.0965	0.5094	0.4314	0.2949	0.1478	0.8760	0.1311	0.9831	0.9791	0.6405	0.9681
44	0.1825	0.9300	0.4214	0.0843	0.4626	0.9154	0.5221	0.4346	0.2733	0.9212	0.1730	0.9498	0.8363	0.4360	0.2350	0.8295	0.3343	0.4113	0.1149	0.2985
45	0.0789	0.9961	0.5826	0.7863	0.8034	0.9480	0.0690	0.9538	0.5933	0.2645	0.3341	0.3886	0.3715	0.8093	0.2429	0.8376	0.9558	0.8564	0.9485	0.6698
46	0.5355	0.5392	0.7265	0.3820	0.6130	0.3130	0.4174	0.7168	0.6565	0.4015	0.9406	0.9793	0.0073	0.4391	0.4581	0.3836	0.7686	0.7870	0.9590	0.7806
47	0.4515	0.1126	0.5065	0.2270	0.7071	0.1665	0.1565	0.7043	0.7134	0.4946	0.0092	0.0893	0.2689	0.4382	0.7277	0.9629	0.2824	0.8513	0.7769	0.1258
48	0.5054	0.9179	0.6087	0.1807	0.3794	0.0030	0.7508	0.3936	0.1563	0.4761	0.8015	0.1826	0.1949	0.8074	0.6656	0.1205	0.5441	0.8705	0.6483	0.9195
49	0.4075	0.0393	0.6079	0.1812	0.6114	0.6178	0.7278	0.7481	0.1155	0.4377	0.6725	0.2685	0.2245	0.4343	0.9928	0.1280	0.4440	0.9696	0.5510	0.3452
50	0.9781	0.5989	0.6904	0.2376	0.1312	0.6301	0.4422	0.5215	0.1062	0.8904	0.9440	0.3118	0.7378	0.2314	0.3102	0.5067	0.3840	0.5004	0.0867	0.2201
51	0.4970	0.0686	0.6734	0.2707	0.9511	0.9828	0.4839	0.6150	0.4910	0.7407	0.1374	0.0959	0.9827	0.2510	0.4962	0.2004	0.6424	0.5494	0.6060	0.8185
52	0.0866	0.8830	0.9509	0.6601	0.9086	0.7602	0.2284	0.8046	0.3951	0.8299	0.5376	0.9771	0.1586	0.6513	0.5118	0.9965	0.9747	0.3039	0.4286	0.9060
53	0.2998	0.2033	0.9361	0.7179	0.6801	0.7087	0.4107	0.4785	0.0338	0.3944	0.3685	0.2074	0.0932	0.7095	0.1060	0.3527	0.4068	0.0681	0.9573	0.4567
54	0.9995	0.2579	0.1449	0.4519	0.5341	0.5400	0.0305	0.0993	0.3375	0.4858	0.3548	0.0767	0.5135	0.4890	0.2041	0.1236	0.4738	0.6751	0.2973	0.2453
55	0.2875	0.8239	0.9550	0.8685	0.7366	0.4929	0.6508	0.4575	0.4306	0.7530	0.2624	0.6271	0.8766	0.2144	0.7752	0.2664	0.5227	0.3475	0.6454	0.6027
56	0.7744	0.8738	0.6410	0.2766	0.4167	0.7447	0.4421	0.8200	0.0911	0.1918	0.3923	0.7919	0.6995	0.4841	0.8088	0.9671	0.5252	0.7098	0.0773	0.3515
57	0.2190	0.9507	0.7369	0.7069	0.8026	0.5224	0.5936	0.6252	0.2430	0.7295	0.8208	0.5426	0.7099	0.5528	0.9950	0.6529	0.3536	0.8496	0.5964	0.6991
58	0.3572	0.0386	0.0604	0.5086	0.1137	0.2813	0.7213	0.4052	0.6885	0.7022	0.9898	0.6949	0.3532	0.8499	0.7351	0.9008	0.7007	0.2759	0.5137	0.5457
59	0.4203	0.2039	0.6619	0.6296	0.6964	0.5694	0.3744	0.4801	0.6115	0.2319	0.4104	0.3233	0.9883	0.3962	0.6002	0.3421	0.9004	0.1978	0.7164	0.2006
60	0.3852	0.8575	0.3556	0.1719	0.9084	0.1519	0.5746	0.8501	0.7047	0.0968	0.2592	0.0052	0.5568	0.2110	0.4898	0.1143	0.4169	0.8942	0.0465	0.5638
61	0.8188	0.8797	0.2189	0.7505	0.4091	0.0746	0.9380	0.4851	0.6324	0.1161	0.5174	0.9039	0.2005	0.4795	0.9108	0.6239	0.8096	0.4277	0.4493	0.9989
62	0.2222	0.2611	0.6572	0.8338	0.1860	0.5882	0.9201	0.8918	0.8173	0.5117	0.6907	0.1740	0.6259	0.4125	0.1228	0.3093	0.4588	0.6900	0.4297	0.5706
63	0.8915	0.0972	0.4237	0.7628	0.9373	0.3372	0.5386	0.7375	0.7250	0.0505	0.6088	0.7794	0.5326	0.9316	0.4153	0.0761	0.3446	0.2628	0.1542	0.2263
64	0.3538	0.2774	0.2357	0.0924	0.9106	0.6775	0.7431	0.0363	0.2660	0.8256	0.1207	0.0942	0.3958	0.7775	0.7103	0.8784	0.9515	0.5645	0.5844	0.7385
65	0.2530	0.2402	0.0294	0.2248	0.5812	0.6073	0.1290	0.2662	0.4448	0.5572	0.1756	0.5474	0.9499	0.2062	0.0147	0.3122	0.5998	0.7324	0.2100	0.8565
66	0.4071	0.4842	0.8629	0.1376	0.5034	0.6827	0.1170	0.6243	0.3775	0.7851	0.8080	0.8008	0.6733	0.0530	0.1037	0.6648	0.7386	0.4086	0.2452	0.6205
67	0.8345	0.4357	0.3540	0.2538	0.3255	0.7046	0.6524	0.0954	0.6137	0.6245	0.8730	0.2461	0.1787	0.0879	0.7318	0.8092	0.2877	0.3227	0.4243	0.2361
68	0.5757	0.2145	0.9082	0.7564	0.0278	0.4141	0.7820	0.7118	0.0021	0.3626	0.1441	0.9811	0.1006	0.9711	0.5045	0.6001	0.0550	0.8949	0.4336	0.6302
69	0.4771	0.4272	0.5959	0.4767	0.4256	0.4142	0.1177	0.8357	0.5324	0.3672	0.9933	0.6739	0.8620	0.5986	0.7340	0.5626	0.2166	0.6138	0.8030	0.6250
70	0.8720	0.8696	0.1655	0.5784	0.6499	0.2776	0.9633	0.7313	0.0447	0.4912	0.6848	0.1945	0.6125	0.8523	0.0498	0.2335	0.2610	0.2022	0.3245	0.6773
71	0.1957	0.5619	0.9611	0.4220	0.4593	0.2400	0.7886	0.6671	0.8284	0.1475	0.5886	0.0199	0.4552	0.6989	0.3149	0.7790	0.4545	0.9012	0.6490	0.4696
72	0.1244	0.4777	0.4444	0.5191	0.6314	0.3918	0.9981	0.9052	0.7269	0.2810	0.7306	0.9942	0.4212	0.5659	0.8584	0.7257	0.4090	0.9278	0.6924	0.3486
73	0.9978	0.8888	0.7930	0.9129	0.9218	0.2553	0.8241	0.1813	0.1509	0.8843	0.8346	0.0379	0.6085	0.2032	0.0089	0.5450	0.9699	0.0219	0.7063	0.4879
74	0.3960	0.8718	0.6388	0.9467	0.2216	0.0189	0.2101	0.9448	0.4278	0.2353	0.3225	0.0805	0.9830	0.8017	0.9335	0.7003	0.8691	0.2089	0.5650	0.3410
75	0.9877	0.0702	0.6532	0.4654	0.5212	0.6401	0.2838	0.4423	0.5781	0.9984	0.9587	0.4619	0.5172	0.7647	0.3416	0.0337	0.4862	0.4292	0.3100	0.3415
76	0.4955	0.2659	0.6638	0.9102	0.3825	0.9140	0.3008	0.7999	0.2164	0.4311	0.5168	0.4059	0.0921	0.7023	0.6593	0.3229	0.5294	0.6957	0.1051	0.0567
77	0.5263	0.6958	0.1386	0.0884	0.4542	0.5719	0.7810	0.7703	0.2511	0.4953	0.0755	0.7763	0.3383	0.6351	0.1513	0.6308	0.2755	0.1989	0.7807	0.2183
78	0.5486	0.6437	0.4412	0.8138	0.5802	0.5981	0.1762	0.2104	0.7877	0.0175	0.3908	0.9384	0.1652	0.7665	0.6003	0.9996	0.6376	0.7347	0.7778	0.5507
79	0.7076	0.1880	0.3095	0.5585	0.8156	0.0739	0.7057	0.8670	0.3813	0.3173	0.6019	0.4867	0.0328	0.0626	0.4628	0.9878	0.0402	0.8847	0.0822	0.8101
80	0.2996	0.9323	0.5580	0.5019	0.0231	0.8889	0.9759	0.6771	0.4602	0.2621	0.3954	0.4524	0.7846	0.1081	0.8848	0.1700	0.7082	0.5995	0.5743	0.2742
81	0.2710	0.3076	0.3373	0.2992	0.8715	0.2526	0.0088	0.3975	0.8709	0.4481	0.2320	0.9014	0.7510	0.3706	0.5928	0.2253	0.5360	0.2381	0.3676	0.0840
82	0.9692	0.9672	0.9785	0.8654	0.9020	0.6830	0.6108	0.3183	0.2955	0.3743	0.0873	0.0428	0.7829	0.2392	0.9543	0.4472	0.4743	0.5394	0.5483	0.9001
83	0.6541	0.7676	0.7261	0.7126	0.6880	0.9852	0.6134	0.0025	0.4759	0.3346	0.7494	0.1689	0.5237	0.1856	0.3077	0.8881	0.5305	0.3912	0.0136	0.4163
84	0.8533	0.6540	0.5828	0.1692	0.3374	0.2566	0.2952	0.8002	0.2966	0.4089	0.3316	0.5827	0.7833	0.9040	0.3387	0.6704	0.8880	0.5678	0.8748	0.6090
85	0.8301	0.1315	0.9776	0.5927	0.8122	0.9875	0.4964	0.0407	0.3400	0.4642	0.4018	0.8935	0.3974	0.4161	0.2262	0.8822	0.6363	0.4155	0.6052	0.3456
86	0.0423	0.6645	0.8791	0.8341	0.9551	0.1443	0.8016	0.6368	0.9046	0.6221	0.8214	0.9622	0.7358	0.3577	0.2434	0.8497	0.1173	0.6016	0.1753	0.8440
87	0.2172	0.1965	0.3442	0.2903	0.7435	0.3235	0.7878	0.6357	0.3788	0.4695	0.3780	0.6551	0.6143	0.2373	0.4781	0.8713	0.7105	0.4689	0.7189	0.9925
88	0.7330	0.6962	0.9564	0.7404	0.7400	0.3899	0.9896	0.0909	0.7687	0.9486	0.5673	0.2625	0.5712	0.7159	0.3987	0.3199	0.8638	0.2051	0.9000	0.6803
89	0.3858	0.3398	0.0057	0.1153	0.4865	0.0478	0.5739	0.2207	0.1901	0.7822	0.1850	0.4425	0.8642	0.0210	0.1660	0.6519	0.0111	0.5166	0.7203	0.6872
90	0.4838	0.1272	0.8111	0.1764	0.9468	0.6974	0.0499	0.7532	0.9147	0.9532	0.8399	0.8854	0.2413	0.3961	0.2916	0.6845	0.3062	0.7255	0.9592	0.8488

TABLE 1 Continued

	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
91	0.7322	0.5000	0.3806	0.3644	0.2113	0.3902	0.3978	0.5716	0.9275	0.3701	0.3274	0.1549	0.6609	0.2957	0.3897	0.8493	0.9805	0.5367	0.2187	0.2893
92	0.6281	0.7065	0.7353	0.6941	0.6354	0.9825	0.5583	0.1485	0.5175	0.7491	0.8679	0.3583	0.6290	0.0728	0.5814	0.0207	0.7613	0.1141	0.9822	0.4496
93	0.9029	0.7845	0.6488	0.9231	0.3890	0.7920	0.6035	0.6905	0.2467	0.3502	0.7698	0.1631	0.4603	0.1765	0.6614	0.9610	0.9167	0.3705	0.0689	0.5169
94	0.0821	0.8707	0.0427	0.6764	0.3660	0.4701	0.2753	0.6182	0.2831	0.9774	0.5460	0.7201	0.3131	0.3278	0.1148	0.8172	0.6874	0.3655	0.6128	0.6646
95	0.4330	0.3787	0.3163	0.4432	0.6718	0.4512	0.9210	0.6277	0.0682	0.5370	0.5798	0.2563	0.5239	0.5027	0.4548	0.7970	0.3590	0.5630	0.7479	0.3147
96	0.6786	0.1128	0.5480	0.3401	0.4451	0.3585	0.5770	0.4395	0.5824	0.9836	0.8334	0.4663	0.6616	0.9268	0.5579	0.0926	0.0293	0.6083	0.9650	0.0541
97	0.6769	0.8477	0.3126	0.2555	0.9176	0.6926	0.9884	0.2306	0.9346	0.0369	0.1111	0.2237	0.9546	0.0575	0.0484	0.1727	0.5119	0.8415	0.4644	0.4814
98	0.4917	0.8389	0.2963	0.3342	0.0104	0.9694	0.0114	0.7720	0.4202	0.5999	0.3430	0.1948	0.6342	0.8798	0.0546	0.8874	0.5235	0.7297	0.2836	0.0108
99	0.2803	0.7395	0.7598	0.2525	0.9576	0.6006	0.8924	0.9266	0.2355	0.0678	0.4488	0.6047	0.6285	0.4056	0.6912	0.5750	0.2366	0.5670	0.3244	0.8838
100	0.2289	0.7760	0.0180	0.7002	0.0806	0.6596	0.8104	0.2837	0.4968	0.0441	0.8907	0.4066	0.5966	0.7723	0.1822	0.4840	0.0001	0.4821	0.6144	0.9916
	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1	0.6241	0.5620	0.8967	0.2393	0.1313	0.7516	0.4120	0.1889	0.4108	0.5931	0.5101	0.8903	0.1026	0.3314	0.8313	0.8547	0.9217	0.5666	0.2055	0.0487
2	0.7770	0.6555	0.8809	0.9477	0.3306	0.8645	0.5092	0.1140	0.2752	0.1763	0.0510	0.6348	0.9841	0.0744	0.4198	0.8617	0.0671	0.0638	0.4731	0.9756
3	0.1256	0.9330	0.8461	0.5600	0.7219	0.9886	0.0515	0.5002	0.2026	0.9134	0.5339	0.3625	0.9410	0.2415	0.9188	0.0934	0.7169	0.9784	0.1913	0.6113
4	0.2001	0.0168	0.4084	0.6396	0.5396	0.3703	0.0153	0.1076	0.5046	0.9615	0.7059	0.0332	0.4614	0.2503	0.6618	0.4864	0.3054	0.2331	0.6590	0.9540
5	0.6194	0.5231	0.8763	0.0896	0.5088	0.6552	0.4417	0.0252	0.3682	0.1571	0.4790	0.0357	0.9874	0.0935	0.4259	0.5685	0.9026	0.0185	0.1264	0.5204
6	0.4537	0.3208	0.8825	0.7640	0.1460	0.4595	0.6012	0.5681	0.6316	0.0888	0.1864	0.5793	0.3182	0.4114	0.9882	0.8668	0.5764	0.4162	0.4329	0.2436
7	0.0017	0.5124	0.1447	0.4324	0.6127	0.3336	0.5544	0.0373	0.9249	0.0125	0.1712	0.9634	0.4449	0.5555	0.5550	0.1847	0.8011	0.6711	0.1049	0.3462
8	0.9328	0.7671	0.5749	0.3609	0.5834	0.7964	0.5152	0.5946	0.0271	0.9496	0.3998	0.6109	0.3721	0.1160	0.2185	0.9668	0.1005	0.9510	0.4254	0.4255
9	0.5734	0.7044	0.2420	0.6578	0.7116	0.3846	0.9815	0.3230	0.1845	0.5134	0.7160	0.4376	0.1000	0.2318	0.8568	0.3931	0.1139	0.7170	0.5676	0.2293
10	0.4251	0.1241	0.7815	0.5811	0.2194	0.0029	0.2244	0.5735	0.0069	0.3160	0.4138	0.0042	0.3606	0.1134	0.8364	0.7706	0.7254	0.0205	0.9559	0.4121
11	0.7777	0.8436	0.3089	0.1811	0.5647	0.6039	0.1424	0.4987	0.0313	0.1516	0.4257	0.7975	0.8742	0.8831	0.5036	0.0064	0.9043	0.5371	0.0436	0.4971
12	0.7767	0.9856	0.4242	0.0720	0.7543	0.2348	0.4010	0.3357	0.9751	0.8938	0.3996	0.7052	0.6512	0.8328	0.9151	0.4869	0.0385	0.8826	0.1612	0.6730
13	0.6817	0.5554	0.8789	0.6046	0.7187	0.3634	0.9842	0.9116	0.4661	0.9184	0.4426	0.4465	0.9304	0.9758	0.0982	0.6049	0.0272	0.6515	0.0835	0.1568
14	0.1106	0.4667	0.0471	0.0458	0.9056	0.4241	0.1967	0.1931	0.9560	0.8795	0.0041	0.5687	0.1329	0.8589	0.7104	0.2275	0.8444	0.2773	0.2015	0.6679
15	0.3580	0.7102	0.8418	0.0298	0.0072	0.5243	0.8912	0.1723	0.0333	0.8752	0.9302	0.8028	0.2132	0.0786	0.8649	0.5691	0.0556	0.9808	0.1479	0.1993
16	0.5762	0.3295	0.5153	0.6992	0.0852	0.0351	0.6825	0.3977	0.1996	0.3528	0.6170	0.5099	0.5029	0.9063	0.0953	0.4194	0.6506	0.1484	0.3120	0.7405
17	0.5443	0.8463	0.9125	0.0578	0.3080	0.5991	0.1658	0.4369	0.1070	0.2993	0.4304	0.0241	0.0588	0.1935	0.3740	0.5160	0.2569	0.4583	0.0283	0.0711
18	0.4501	0.0481	0.3068	0.1487	0.6579	0.3943	0.0347	0.4883	0.9451	0.5909	0.3574	0.1683	0.9542	0.0611	0.9619	0.9670	0.4310	0.4978	0.2682	0.0164
19	0.8255	0.9492	0.5085	0.7882	0.2781	0.1110	0.6564	0.6864	0.1690	0.8727	0.9429	0.5225	0.6550	0.4824	0.7631	0.1853	0.7981	0.4436	0.8950	0.1425
20	0.9142	0.8963	0.4149	0.9715	0.8828	0.2816	0.8238	0.6546	0.4620	0.4632	0.7054	0.6567	0.8302	0.9768	0.7844	0.0387	0.0512	0.2209	0.9175	0.4092
21	0.8811	0.0026	0.5075	0.3850	0.5578	0.7396	0.4381	0.1039	0.8732	0.5146	0.8623	0.9991	0.7247	0.4652	0.7382	0.7522	0.9962	0.8900	0.5240	0.9023
22	0.5300	0.4331	0.8525	0.8254	0.2097	0.3422	0.8102	0.2562	0.5845	0.3717	0.5529	0.2560	0.0172	0.0614	0.1252	0.4516	0.5856	0.7947	0.6169	0.9132
23	0.6382	0.1454	0.1591	0.5337	0.3143	0.4000	0.3466	0.1657	0.9069	0.4063	0.1078	0.0416	0.5774	0.7989	0.1220	0.9423	0.1182	0.6628	0.9669	0.8641
24	0.8585	0.3381	0.5428	0.7525	0.0468	0.3404	0.9872	0.4592	0.6155	0.3594	0.6412	0.1397	0.5039	0.5842	0.2690	0.5076	0.1585	0.1716	0.2071	0.1211
25	0.8292	0.8901	0.1024	0.6306	0.4055	0.1991	0.5953	0.5295	0.6953	0.1914	0.5640	0.1681	0.0527	0.4813	0.1602	0.9990	0.7997	0.8800	0.3344	0.7737
26	0.9097	0.2235	0.6171	0.5472	0.3870	0.7132	0.9920	0.8926	0.2716	0.2646	0.4600	0.6497	0.2261	0.9223	0.6416	0.1045	0.7114	0.5038	0.0362	0.9022
27	0.7294	0.3750	0.7925	0.4394	0.7266	0.5969	0.7857	0.3984	0.1059	0.9403	0.1552	0.4755	0.6021	0.8833	0.9213	0.8157	0.6440	0.9926	0.7995	0.8894
28	0.0691	0.5247	0.9921	0.5766	0.9260	0.4886	0.9772	0.6218	0.9497	0.3450	0.8443	0.6936	0.0038	0.4511	0.8995	0.9621	0.1894	0.6603	0.9388	0.7875
29	0.2930	0.1310	0.7471	0.4122	0.5012	0.1411	0.3691	0.0523	0.0232	0.9454	0.2850	0.4874	0.9011	0.0580	0.3588	0.9204	0.8818	0.6043	0.8414	0.5116
30	0.3499	0.6659	0.8659	0.9802	0.6394	0.0221	0.7131	0.5363	0.4316	0.1157	0.7702	0.6702	0.3112	0.5980	0.5669	0.2468	0.8132	0.4295	0.2862	0.2598
31	0.2043	0.7977	0.3688	0.7445	0.0991	0.1632	0.6467	0.1724	0.4238	0.9416	0.0723	0.5559	0.0756	0.3188	0.0869	0.5464	0.0627	0.3391	0.6187	0.8594
32	0.1023	0.8140	0.8005	0.6897	0.3145	0.9010	0.7793	0.2775	0.0412	0.5232	0.5461	0.6685	0.2020	0.0435	0.3869	0.3965	0.4302	0.6913	0.7692	0.1147
33	0.9315	0.2394	0.4413	0.2407	0.2206	0.7666	0.0777	0.0983	0.8073	0.7799	0.7901	0.4828	0.9013	0.9226	0.8250	0.9236	0.8574	0.3828	0.7239	0.4064
34	0.2076	0.1672	0.0735	0.9041	0.5521	0.1067	0.0239	0.6238	0.4904	0.1468	0.6020	0.2706	0.5260	0.9900	0.6403	0.8103	0.9021	0.2308	0.0985	0.4641
35	0.4825	0.8486	0.7469	0.1434	0.3003	0.0625	0.5851	0.4994	0.7390	0.8792	0.2588	0.5892	0.5582	0.0443	0.5349	0.8969	0.1553	0.9956	0.1403	0.9575
36	0.4736	0.1278	0.6806	0.6409	0.8467	0.0308	0.7816	0.2360	0.1953	0.2035	0.3067	0.2518	0.9718	0.2544	0.6367	0.3001	0.1900	0.7610	0.2722	0.4670
37	0.1769	0.6168	0.5320	0.4772	0.9284	0.3261	0.5359	0.4576	0.5558	0.1828	0.3129	0.0316	0.4796	0.2794	0.5303	0.1069	0.7656	0.6695	0.4386	0.9535
38	0.7001	0.0559	0.1097	0.7597	0.1014	0.2111	0.2170	0.0688	0.8971	0.0851	0.9796	0.1839	0.0610	0.0297	0.7143	0.2131	0.9274	0.0075	0.6950	0.6615

TABLE 1 Continued

39	0.1977	0.1566	0.1073	0.8671	0.3288	0.8724	0.2447	0.8851	0.6260	0.5112	0.2205	0.8511	0.6821	0.8318	0.5190	0.0176	0.6470	0.6141	0.8349	0.2929
40	0.7802	0.4067	0.5147	0.7772	0.0623	0.7541	0.1541	0.9295	0.4392	0.0528	0.8754	0.2307	0.8050	0.3447	0.7951	0.6446	0.7588	0.6152	0.2481	0.8740
41	0.9985	0.3377	0.8335	0.0842	0.6234	0.3749	0.0277	0.8199	0.3916	0.6761	0.1761	0.1299	0.9259	0.7983	0.3851	0.8358	0.4379	0.9809	0.6165	0.3638
42	0.9647	0.9632	0.7421	0.3139	0.3464	0.1685	0.9068	0.6617	0.0916	0.6731	0.3263	0.9682	0.8097	0.8882	0.4328	0.0269	0.9955	0.3012	0.4729	0.0536
43	0.1287	0.6374	0.8355	0.3016	0.6631	0.2804	0.9966	0.7457	0.8657	0.6434	0.8625	0.7644	0.5059	0.5656	0.6779	0.9661	0.5407	0.6338	0.1499	0.2488
44	0.6653	0.7004	0.0958	0.4945	0.5573	0.6220	0.2520	0.7078	0.2672	0.6502	0.5173	0.2958	0.9055	0.1048	0.7690	0.5310	0.2154	0.5163	0.4783	0.1707
45	0.8490	0.4061	0.4025	0.3505	0.9494	0.3151	0.5536	0.4651	0.1824	0.6381	0.5055	0.5060	0.3168	0.8125	0.7980	0.4682	0.3971	0.3649	0.5481	0.8398
46	0.8190	0.2460	0.1941	0.7402	0.2136	0.3294	0.1922	0.1214	0.7967	0.0606	0.3021	0.6450	0.5299	0.3125	0.2931	0.4035	0.0107	0.0495	0.7754	0.2210
47	0.3872	0.0997	0.6010	0.8119	0.5889	0.7284	0.6094	0.8939	0.8796	0.1074	0.4290	0.1943	0.4456	0.5422	0.2905	0.7145	0.1706	0.5142	0.1744	0.9698
48	0.4859	0.9616	0.8369	0.5064	0.0561	0.6477	0.3201	0.9677	0.0388	0.8693	0.8325	0.0039	0.8478	0.6337	0.9437	0.6762	0.5765	0.9131	0.9452	0.9256
49	0.2715	0.5800	0.1905	0.3169	0.0397	0.2181	0.4940	0.2991	0.5880	0.5290	0.3568	0.3461	0.3037	0.8006	0.6911	0.0750	0.7912	0.0464	0.5590	0.2211
50	0.1203	0.2329	0.4585	0.9325	0.7571	0.6745	0.6321	0.7683	0.6415	0.2265	0.8957	0.5960	0.6584	0.9577	0.5948	0.3184	0.4012	0.9461	0.5469	0.7490
51	0.7746	0.1899	0.8183	0.3704	0.0070	0.9395	0.0590	0.2047	0.7695	0.0110	0.8432	0.0889	0.8875	0.9415	0.4188	0.7113	0.9863	0.1075	0.7740	0.3196
52	0.3029	0.3200	0.1423	0.4285	0.0616	0.9211	0.4553	0.7285	0.0130	0.2127	0.7523	0.9432	0.2309	0.6331	0.5452	0.4126	0.4718	0.9379	0.0099	0.8491
53	0.5726	0.2971	0.7946	0.8806	0.7388	0.7473	0.4792	0.5680	0.6389	0.7273	0.5444	0.5433	0.0633	0.7263	0.0672	0.6624	0.2202	0.5149	0.5958	0.8004
54	0.7526	0.4393	0.8059	0.8108	0.7127	0.1952	0.2847	0.9473	0.5264	0.3022	0.9775	0.7172	0.0036	0.1167	0.0151	0.7732	0.8317	0.0077	0.1426	0.0762
55	0.8307	0.8546	0.2640	0.6822	0.7152	0.4074	0.5424	0.9861	0.8526	0.5005	0.0967	0.8590	0.7432	0.3769	0.0060	0.7716	0.1399	0.1445	0.7796	0.7991
56	0.9221	0.0133	0.6662	0.6797	0.5338	0.7604	0.0587	0.6075	0.7568	0.7193	0.8571	0.0857	0.6395	0.0361	0.0033	0.0874	0.0276	0.2542	0.4103	0.9853
57	0.1172	0.0105	0.2564	0.7298	0.6640	0.3069	0.5833	0.9444	0.1694	0.1267	0.6112	0.4095	0.8453	0.5760	0.7271	0.8339	0.9779	0.9684	0.4965	0.1890
58	0.7645	0.1063	0.2135	0.2550	0.6028	0.5229	0.7979	0.4189	0.4129	0.3379	0.4554	0.4901	0.0812	0.6587	0.3301	0.8243	0.4837	0.5222	0.3854	0.1232
59	0.8356	0.3242	0.7314	0.6460	0.5183	0.1772	0.8694	0.2589	0.2834	0.4559	0.5462	0.9417	0.2650	0.2909	0.1406	0.0679	0.3412	0.0980	0.0832	0.1491
60	0.2784	0.4158	0.7855	0.1593	0.9050	0.6836	0.4606	0.8057	0.3613	0.6219	0.5952	0.3004	0.7668	0.0500	0.4829	0.3405	0.9352	0.1470	0.3507	0.7776
61	0.0508	0.9569	0.9798	0.9422	0.6494	0.3473	0.2384	0.1892	0.1221	0.9248	0.7539	0.4673	0.0543	0.7448	0.0951	0.1535	0.5425	0.3586	0.9291	0.7049
62	0.2469	0.1829	0.1969	0.8612	0.8018	0.5274	0.2408	0.6353	0.0801	0.3992	0.3241	0.2584	0.2304	0.4882	0.7897	0.4378	0.1118	0.0661	0.2697	0.9704
63	0.5815	0.9648	0.3471	0.1776	0.5894	0.1809	0.7144	0.1695	0.2901	0.3937	0.0881	0.3219	0.4933	0.8343	0.8993	0.3956	0.8536	0.4727	0.2046	0.1647
64	0.8233	0.9657	0.6472	0.0925	0.9820	0.0651	0.3824	0.5277	0.0475	0.5018	0.7227	0.9867	0.0285	0.1640	0.5873	0.8483	0.6242	0.1902	0.6240	0.1002
65	0.4653	0.7736	0.0564	0.5709	0.2695	0.6223	0.4187	0.4770	0.0807	0.1550	0.3904	0.1525	0.6326	0.2432	0.3871	0.3738	0.9085	0.5023	0.7251	0.6728
66	0.5803	0.3929	0.0138	0.5617	0.4468	0.0002	0.2272	0.1001	0.7231	0.4320	0.6548	0.2354	0.8759	0.3106	0.0951	0.7111	0.2811	0.5661	0.5412	0.6542
67	0.7913	0.3292	0.9146	0.0323	0.1788	0.7153	0.8864	0.5703	0.9038	0.4222	0.8170	0.9190	0.6081	0.0902	0.7897	0.5761	0.1920	0.6461	0.7415	0.3519
68	0.6528	0.8970	0.9549	0.3920	0.0724	0.0648	0.8855	0.7811	0.4846	0.9170	0.0148	0.0451	0.3477	0.9529	0.8993	0.7416	0.4776	0.4096	0.2767	0.7341
69	0.6162	0.2857	0.1448	0.9583	0.6623	0.8154	0.9207	0.1866	0.3608	0.9948	0.4204	0.2879	0.6297	0.5148	0.1135	0.3735	0.8653	0.3772	0.1808	0.6339
70	0.8803	0.2371	0.2034	0.1326	0.8588	0.4173	0.6660	0.5162	0.8134	0.4319	0.9598	0.1015	0.9554	0.5438	0.0971	0.1213	0.7504	0.5530	0.7872	0.8857
71	0.1249	0.7158	0.6356	0.3435	0.1144	0.5947	0.1958	0.8860	0.2294	0.2581	0.5001	0.8123	0.8839	0.4358	0.9414	0.2673	0.1459	0.2843	0.2010	
72	0.7139	0.3812	0.2884	0.0624	0.3321	0.4831	0.7657	0.3218	0.9725	0.6197	0.0022	0.6414	0.6627	0.0032	0.5201	0.2601	0.6536	0.8146	0.0469	0.9704
73	0.0375	0.4844	0.7749	0.5216	0.6896	0.3116	0.4192	0.0612	0.2726	0.0605	0.5938	0.0668	0.3765	0.0410	0.8959	0.9251	0.7070	0.8678	0.4042	
74	0.4852	0.8145	0.7529	0.1419	0.0383	0.7031	0.5399	0.1615	0.7954	0.1974	0.7039	0.9888	0.7154	0.0370	0.1725	0.6635	0.8762	0.3957	0.4216	
75	0.1564	0.9165	0.0085	0.2480	0.4453	0.6442	0.4215	0.5838	0.9390	0.7546	0.1307	0.8149	0.4764	0.8686	0.0613	0.1358	0.4623	0.5140	0.6315	
76	0.4419	0.5413	0.9478	0.2506	0.3733	0.3170	0.2756	0.0474	0.8069	0.0091	0.6595	0.8421	0.1317	0.9907	0.9401	0.1714	0.0731	0.2241	0.7226	0.8739
77	0.0211	0.7074	0.8324	0.9970	0.4861	0.2718	0.4411	0.2751	0.3791	0.4577	0.0722	0.4798	0.5317	0.2316	0.4536	0.0053	0.6034	0.5775	0.5968	0.0808
78	0.4370	0.9663	0.7935	0.9405	0.7230	0.7422	0.1600	0.5288	0.1691	0.3524	0.2785	0.6222	0.0800	0.9763	0.0292	0.8209	0.7014	0.8330	0.8213	0.6033
79	0.0345	0.6649	0.1318	0.1034	0.8985	0.7636	0.4225	0.0086	0.3530	0.2334	0.7837	0.2892	0.9913	0.1466	0.9518	0.2067	0.7780	0.4300	0.3476	0.7739
80	0.6712	0.4047	0.4681	0.8105	0.8750	0.5875	0.6582	0.7274	0.9804	0.8859	0.9186	0.6237	0.2246	0.4458	0.3327	0.1080	0.7528	0.1381	0.1976	0.6042
81	0.6622	0.3287	0.3010	0.1481	0.0615	0.5073	0.7910	0.9376	0.3033	0.0876	0.1625	0.1797	0.2864	0.9028	0.6778	0.1726	0.9076			
82	0.8072	0.0190	0.2008	0.1464	0.7755	0.6688	0.4931	0.2799	0.0992	0.5615	0.5275	0.8470	0.7403	0.0109	0.9051	0.9655	0.1420			
83	0.9940	0.8186	0.8298	0.6743	0.7436	0.6849	0.1800	0.0922	0.8681	0.1082	0.7824	0.4351	0.6482	0.0962	0.3883	0.9320	0.4856			
84	0.7596	0.5809	0.4884	0.5763	0.6857	0.7272	0.6852	0.5705	0.9605	0.6014	0.6201	0.9922	0.4835	0.4799	0.9465	0.6986	0.4966			
85	0.9914	0.2674	0.6111	0.2258	0.6200	0.3760	0.6236	0.6501	0.0833	0.2883	0.7026	0.7138	0.6343	0.4873	0.6741	0.5246	0.9425			
86	0.9150	0.5628	0.6557	0.3711	0.7156	0.2687	0.4474	0.6568	0.2347	0.8722	0.3339	0.4030	0.5858	0.4800	0.5725	0.8082	0.0174	0.4609	0.4809	

TABLE 1 *Continued*

	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
87	0.3827	0.4745	0.5025	0.3804	0.2765	0.6687	0.5435	0.6117	0.7672	0.0417	0.4647	0.6854	0.6883	0.9292	0.0340	0.9377	0.6215	0.6484	0.7670	0.6312
88	0.9572	0.9972	0.2042	0.4309	0.8524	0.6973	0.5883	0.8312	0.8051	0.7350	0.1956	0.1346	0.9912	0.3457	0.6853	0.1254	0.4210	0.0712	0.6136	0.7194
89	0.5477	0.5850	0.3821	0.7738	0.0454	0.1255	0.9891	0.9810	0.4145	0.7697	0.9250	0.2881	0.0978	0.0193	0.5061	0.6678	0.7943	0.7850	0.8417	0.9064
90	0.4335	0.6683	0.2899	0.5610	0.4415	0.4749	0.1101	0.1151	0.2595	0.8846	0.8852	0.9270	0.3193	0.5219	0.1166	0.4892	0.9418	0.1693	0.8940	0.9860
91	0.2424	0.8025	0.8767	0.8424	0.7387	0.3562	0.4036	0.2439	0.1582	0.0101	0.5577	0.3408	0.5409	0.3714	0.8469	0.2018	0.8761	0.4487	0.9628	0.7010
92	0.9120	0.2259	0.8973	0.5390	0.5414	0.8712	0.4954	0.4462	0.3911	0.0516	0.4313	0.5992	0.2618	0.7204	0.9197	0.4704	0.9868	0.3667	0.6856	0.3303
93	0.5419	0.9090	0.9697	0.0194	0.8676	0.3159	0.2297	0.7898	0.7183	0.0389	0.9637	0.2473	0.4305	0.2649	0.3017	0.9439	0.2056	0.7349	0.5574	0.1588
94	0.7475	0.2037	0.6149	0.8187	0.9626	0.6465	0.5077	0.3419	0.9826	0.6268	0.7033	0.1231	0.5329	0.5008	0.7267	0.5871	0.3564	0.6202	0.6404	0.8293
95	0.1518	0.6692	0.1799	0.9365	0.7651	0.0431	0.5713	0.2873	0.1705	0.2003	0.8774	0.9659	0.8902	0.4282	0.0858	0.1064	0.4303	0.3296	0.1159	0.7548
96	0.8211	0.4615	0.6967	0.4218	0.7891	0.6664	0.4888	0.3311	0.7338	0.0112	0.5982	0.4080	0.2734	0.4299	0.3799	0.9115	0.0940	0.9263	0.8555	0.6086
97	0.3689	0.5758	0.4477	0.1649	0.3777	0.2162	0.6487	0.2195	0.2212	0.7625	0.4380	0.6701	0.1997	0.3756	0.2492	0.2827	0.7917	0.3365	0.6799	0.3952
98	0.6391	0.6264	0.6167	0.9122	0.0317	0.0707	0.8626	0.0106	0.5932	0.3939	0.6788	0.5447	0.0490	0.0257	0.4014	0.9370	0.9253	0.5364	0.5900	0.9166
99	0.4221	0.3047	0.7181	0.5967	0.8107	0.6780	0.6224	0.0794	0.0675	0.7489	0.6203	0.0999	0.6959	0.7804	0.4469	0.7216	0.6509	0.2315	0.3110	0.1208
100	0.7764	0.9901	0.2808	0.8607	0.6284	0.6816	0.9721	0.2196	0.6521	0.9680	0.8294	0.8285	0.5534	0.9986	0.6366	0.0665	0.5179	0.1981	0.6503	0.7904

	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
1	0.3550	0.2871	0.3504	0.1052	0.5794	0.1281	0.4433	0.9174	0.9816	0.4325	0.7100	0.3351	0.2986	0.9081	0.3848	0.7218	0.6886	0.0899	0.5945	0.8222
2	0.1458	0.9100	0.3684	0.7696	0.8991	0.2218	0.8438	0.1966	0.4368	0.5171	0.4979	0.8837	0.1025	0.5848	0.0229	0.9111	0.1911	0.3966	0.1555	0.4885
3	0.6820	0.1476	0.8785	0.4454	0.2886	0.3406	0.2058	0.9191	0.6140	0.8978	0.2878	0.2277	0.2224	0.4637	0.1633	0.1028	0.8385	0.6943	0.2499	0.9463
4	0.7531	0.2924	0.8592	0.6026	0.0273	0.7544	0.1253	0.1674	0.9536	0.1781	0.2575	0.6426	0.1951	0.1791	0.1666	0.8788	0.6093	0.3482	0.4510	0.3800
5	0.1855	0.7847	0.7819	0.5427	0.5214	0.1670	0.6966	0.7068	0.4631	0.0602	0.7316	0.9469	0.2657	0.9327	0.9027	0.0531	0.4520	0.9865	0.4283	0.9049
6	0.5236	0.2552	0.9932	0.1260	0.3875	0.8071	0.2359	0.6517	0.5956	0.2155	0.7461	0.8117	0.9521	0.6709	0.9305	0.8600	0.4099	0.2012	0.7615	0.3470
7	0.9801	0.5106	0.6602	0.3105	0.4705	0.4043	0.4805	0.0095	0.9355	0.0218	0.5655	0.3078	0.4972	0.3880	0.6531	0.7497	0.5552	0.9835	0.8315	0.5423
8	0.0226	0.5786	0.0714	0.9317	0.4572	0.8464	0.2746	0.1099	0.9285	0.4710	0.5145	0.9301	0.1291	0.2444	0.6263	0.2198	0.1306	0.0043	0.5599	0.1234
9	0.6300	0.5571	0.4721	0.4751	0.8454	0.8646	0.9130	0.5218	0.6349	0.7567	0.7673	0.0666	0.1743	0.7373	0.6887	0.8660	0.9036	0.1885	0.6844	0.2760
10	0.2778	0.7474	0.7398	0.5853	0.7061	0.7871	0.1592	0.5635	0.4630	0.4009	0.0230	0.9362	0.1223	0.2475	0.7331	0.5671	0.5810	0.6921	0.9934	0.7083
11	0.3779	0.3140	0.2586	0.8275	0.6871	0.8690	0.7974	0.3891	0.8538	0.0705	0.0456	0.8286	0.3767	0.7441	0.2250	0.1984	0.8065	0.6463	0.8519	0.1798
12	0.5893	0.6279	0.9015	0.2900	0.0093	0.3919	0.5143	0.0028	0.2623	0.8530	0.3642	0.6036	0.3810	0.3431	0.8934	0.7862	0.8755	0.7592	0.4088	0.7084
13	0.0719	0.7109	0.4389	0.1939	0.9839	0.4273	0.1225	0.7990	0.0740	0.7836	0.8561	0.8340	0.9754	0.4757	0.9880	0.1068	0.1171	0.2125	0.0742	0.1304
14	0.6118	0.8120	0.5312	0.2437	0.9927	0.3491	0.3246	0.0156	0.2349	0.6305	0.9244	0.3489	0.1771	0.4502	0.7090	0.5344	0.0979	0.5546	0.8090	0.2249
15	0.6196	0.7540	0.4535	0.3510	0.0836	0.6191	0.7220	0.3324	0.7950	0.5836	0.1091	0.5910	0.1834	0.6999	0.2070	0.0134	0.3157	0.5378	0.7538	0.3260
16	0.4907	0.3210	0.6009	0.7034	0.6212	0.6292	0.5584	0.6273	0.8405	0.2688	0.0394	0.2691	0.2527	0.3107	0.7952	0.2398	0.3964	0.1573	0.4003	0.4143
17	0.6398	0.0809	0.0880	0.2913	0.0780	0.1402	0.3392	0.2443	0.7801	0.1770	0.5321	0.8988	0.6024	0.6132	0.0121	0.3065	0.5855	0.9054	0.3382	0.8236
18	0.4737	0.9336	0.9674	0.3103	0.0296	0.2367	0.4133	0.2641	0.4855	0.1199	0.8930	0.6378	0.1450	0.5740	0.6994	0.0030	0.8379	0.3463	0.7484	0.8434
19	0.2416	0.7051	0.3993	0.8968	0.7762	0.0763	0.5787	0.6722	0.4562	0.4565	0.7942	0.7978	0.9483	0.7355	0.1987	0.2336	0.1830	0.6299	0.8764	0.1739
20	0.6839	0.1355	0.4408	0.4031	0.0044	0.4429	0.2546	0.4312	0.8683	0.5197	0.2513	0.6997	0.4414	0.8201	0.2696	0.0834	0.5386	0.1567	0.3635	0.9968
21	0.6124	0.6818	0.4687	0.7823	0.8674	0.3664	0.9654	0.0595	0.0894	0.2787	0.0160	0.2933	0.3474	0.4612	0.8049	0.4197	0.9788	0.1271	0.5015	0.4947
22	0.8899	0.7391	0.5736	0.1033	0.4943	0.6720	0.8245	0.0945	0.2271	0.5182	0.1818	0.1737	0.3658	0.1606	0.1671	0.5797	0.5451	0.9530	0.4597	0.5518
23	0.0183	0.6341	0.3492	0.7233	0.3932	0.7916	0.7411	0.3702	0.6632	0.4323	0.0243	0.3563	0.9118	0.8291	0.3177	0.5651	0.8850	0.6781	0.9138	0.9299
24	0.1105	0.2890	0.5017	0.8121	0.4459	0.0583	0.1778	0.7289	0.4988	0.6005	0.7958	0.1506	0.0473	0.5564	0.3171	0.8644	0.5287	0.6077	0.0261	0.1792
25	0.9271	0.7496	0.7184	0.7136	0.9481	0.5255	0.3329	0.8981	0.2989	0.1041	0.8977	0.4087	0.0024	0.2675	0.5570	0.0898	0.3941	0.6495	0.4274	0.4073
26	0.7012	0.2121	0.9348	0.8027	0.0841	0.0404	0.0781	0.5253	0.5181	0.2123	0.6554	0.2238	0.0179	0.1032	0.5751	0.2629	0.0360	0.7705	0.3678	0.8821
27	0.4132	0.2925	0.7122	0.9133	0.9690	0.7124	0.6832	0.9789	0.6583	0.3940	0.6392	0.6269	0.0827	0.2967	0.6091	0.5907	0.1328	0.8265	0.5997	0.9267
28	0.0562	0.9117	0.6282	0.6129	0.5895	0.1031	0.6626	0.7356	0.7792	0.9205	0.8636	0.9420	0.1298	0.3751	0.0819	0.5852	0.2129	0.6851	0.8224	0.9639
29	0.7953	0.2747	0.9303	0.1237	0.4914	0.2599	0.9656	0.5289	0.9136	0.5556	0.3046	0.0548	0.0015	0.0796	0.4209	0.5010	0.8887	0.9851	0.7809	0.5256
30	0.1455	0.7945	0.1146	0.8535	0.6459	0.0223	0.3661	0.7630	0.2739	0.5517	0.9324	0.7595	0.8143	0.1986	0.1998	0.5957	0.9357	0.6031	0.4826	0.6372
31	0.2024	0.0503	0.4365	0.6303	0.3024	0.2609	0.1747	0.3537	0.9257	0.5506	0.4083	0.1387	0.3855	0.8962	0.9083	0.3326	0.2764	0.5144	0.5070	0.6960
32	0.0504	0.1846	0.4353	0.8505	0.8237	0.8155	0.8038	0.3146	0.7344	0.0097	0.7902	0.7629	0.6358	0.4635	0.4853	0.1350	0.3360	0.0098	0.5884	0.7639
33	0.9790	0.7583	0.1628	0.5733	0.2704	0.5548	0.6478	0.6765	0.6802	0.5677	0.0009	0.5193	0.2142	0.7536	0.6142	0.6121	0.0600	0.4124	0.6390	0.2073
34	0.7814	0.2825	0.6625	0.9160	0.2152	0.5919	0.7210	0.1915	0.4780	0.7719	0.6257	0.3764	0.5603	0.3611	0.0079	0.3736	0.3805	0.2019	0.8106	0.4887

TABLE 1 *Continued*

35	0.9683	0.6226	0.6934	0.0415	0.1269	0.9761	0.4818	0.0321	0.8577	0.1804	0.7735	0.5965	0.1432	0.4769	0.3323	0.4085	0.0208	0.4570	0.7380	0.2709
36	0.9462	0.7130	0.9189	0.7557	0.1524	0.8401	0.2587	0.4471	0.7580	0.3150	0.6525	0.0007	0.2176	0.8639	0.1534	0.4518	0.3905	0.8548	0.0288	0.7582
37	0.0188	0.5047	0.9743	0.3094	0.9732	0.7513	0.0787	0.3578	0.1968	0.2743	0.0513	0.9930	0.5821	0.4989	0.8661	0.8895	0.1594	0.5903	0.1572	0.1678
38	0.8472	0.7729	0.7879	0.8662	0.2795	0.5251	0.2895	0.1645	0.0882	0.5870	0.3969	0.2264	0.8992	0.5634	0.3517	0.4808	0.5482	0.9139	0.1532	0.5915
39	0.1332	0.4868	0.5492	0.7507	0.1814	0.0725	0.5502	0.6993	0.6160	0.0392	0.8079	0.9037	0.5248	0.2060	0.4733	0.7146	0.1982	0.0586	0.1599	0.5062
40	0.4362	0.9245	0.9474	0.0592	0.2311	0.1622	0.2378	0.6598	0.7249	0.5139	0.4265	0.1027	0.9408	0.0455	0.2658	0.4984	0.7161	0.8374	0.7693	0.7800
41	0.7660	0.6810	0.7434	0.2613	0.7446	0.4650	0.7831	0.1930	0.9093	0.2108	0.0653	0.7018	0.1684	0.4461	0.9840	0.8067	0.7748	0.9489	0.5397	0.6571
42	0.5532	0.1300	0.0825	0.1138	0.6334	0.4753	0.4774	0.0483	0.7926	0.3057	0.3310	0.1717	0.2099	0.7779	0.6066	0.6084	0.3124	0.3602	0.4136	0.2103
43	0.3298	0.9035	0.1178	0.8566	0.2889	0.1950	0.0554	0.3991	0.8955	0.8700	0.9522	0.6489	0.8898	0.7085	0.8476	0.2870	0.8336	0.7641	0.7866	0.6380
44	0.5078	0.8012	0.5508	0.1732	0.6379	0.4725	0.5695	0.2880	0.8022	0.6229	0.3570	0.1733	0.8036	0.3240	0.6658	0.4450	0.0838	0.8919	0.3526	0.9438
45	0.3354	0.7575	0.0990	0.0023	0.0569	0.5488	0.2063	0.7895	0.6774	0.1667	0.1412	0.8729	0.3020	0.3397	0.3928	0.5208	0.0290	0.8980	0.9145	0.7502
46	0.7756	0.7854	0.8161	0.1435	0.9885	0.8408	0.5353	0.8179	0.3925	0.8593	0.9404	0.5860	0.2906	0.6272	0.2214	0.0433	0.2920	0.5131	0.2448	0.3484
47	0.2134	0.4573	0.9846	0.7654	0.0140	0.7482	0.3700	0.7576	0.2387	0.8996	0.6443	0.3673	0.8871	0.4836	0.7485	0.6789	0.0329	0.0335	0.9310	0.9306
48	0.2369	0.6131	0.7608	0.8040	0.0760	0.9765	0.8579	0.5863	0.5192	0.3378	0.4508	0.3803	0.9378	0.5416	0.4982	0.0202	0.1016	0.1114	0.1955	0.6719
49	0.3284	0.3516	0.2273	0.9329	0.1103	0.8403	0.8984	0.8396	0.7392	0.9070	0.7972	0.2582	0.7638	0.4464	0.1283	0.7659	0.7384	0.9203	0.4586	0.8695
50	0.7828	0.6333	0.0936	0.4006	0.0248	0.1438	0.4427	0.1414	0.3286	0.2994	0.9199	0.3161	0.0006	0.7685	0.7892	0.9092	0.8913	0.9845	0.2038	0.6805
51	0.9313	0.9182	0.9157	0.0003	0.7858	0.4135	0.7923	0.8191	0.3663	0.2607	0.0425	0.1663	0.4746	0.9219	0.5244	0.7605	0.1394	0.7984	0.5513	0.3972
52	0.7296	0.5637	0.3509	0.6834	0.3279	0.5866	0.0364	0.0492	0.3542	0.4590	0.7423	0.0154	0.0823	0.2287	0.2591	0.2723	0.1462	0.8615	0.2122	0.9354
53	0.1988	0.4489	0.8384	0.8164	0.2240	0.5789	0.9457	0.1577	0.6173	0.1682	0.4551	0.7426	0.3380	0.8044	0.7880	0.1497	0.0619	0.7578	0.7424	0.9716
54	0.8512	0.8410	0.4266	0.0346	0.1204	0.2421	0.9281	0.0581	0.4944	0.7535	0.6418	0.1467	0.6867	0.6650	0.5547	0.5682	0.8569	0.1319	0.1604	0.7577
55	0.0280	0.1238	0.8550	0.7042	0.5867	0.0406	0.1668	0.2941	0.8435	0.1760	0.2217	0.7924	0.3192	0.1020	0.1493	0.8279	0.8043	0.2425	0.2976	0.6824
56	0.6842	0.2096	0.9091	0.0908	0.5388	0.1556	0.2897	0.8578	0.7614	0.3459	0.7986	0.4441	0.1924	0.9881	0.5672	0.3455	0.0560	0.3832	0.5421	0.8510
57	0.1124	0.3098	0.7988	0.4539	0.2615	0.5068	0.0704	0.1079	0.4534	0.0875	0.9349	0.4293	0.6417	0.3500	0.6227	0.2605	0.7464	0.6724	0.2830	0.3640
58	0.9209	0.4666	0.7773	0.4895	0.1430	0.0467	0.2604	0.3206	0.9700	0.4179	0.6431	0.3347	0.2907	0.5595	0.5133	0.8144	0.5158	0.9181	0.4860	0.9121
59	0.6562	0.5132	0.3494	0.7699	0.3027	0.6795	0.5840	0.0542	0.0312	0.2741	0.9350	0.7627	0.2291	0.0573	0.1680	0.4082	0.8137	0.9553	0.7559	0.9152
60	0.2537	0.9123	0.2094	0.4789	0.1463	0.7106	0.0421	0.1410	0.7463	0.2406	0.2167	0.7960	0.4939	0.0514	0.8492	0.6652	0.4616	0.4961	0.1721	0.5020
61	0.7123	0.3497	0.8549	0.2854	0.7818	0.0376	0.8228	0.1200	0.7299	0.9387	0.1500	0.9042	0.3148	0.0766	0.6214	0.6145	0.0303	0.9344	0.5921	0.2763
62	0.4280	0.7642	0.8000	0.4608	0.5069	0.3113	0.6585	0.0659	0.5745	0.9604	0.8204	0.3503	0.9128	0.2567	0.0955	0.6211	0.6890	0.2278	0.8514	0.8876
63	0.1206	0.8688	0.6063	0.8196	0.2247	0.6076	0.0749	0.9552	0.8280	0.0477	0.3158	0.7556	0.8786	0.2608	0.4023	0.4594	0.0368	0.5362	0.2627	0.7853
64	0.0915	0.2197	0.7283	0.2772	0.5710	0.4223	0.7562	0.4744	0.7362	0.1893	0.5759	0.0489	0.5269	0.5690	0.2768	0.8951	0.2352	0.3138	0.6569	0.9339
65	0.0414	0.6248	0.3074	0.4240	0.9767	0.0462	0.3178	0.8151	0.0245	0.8621	0.2705	0.2965	0.9951	0.3573	0.5955	0.0900	0.9087	0.1347	0.1994	0.4969
66	0.1933	0.4528	0.2823	0.3953	0.9172	0.6504	0.5154	0.5854	0.8610	0.8777	0.4843	0.7133	0.8781	0.5089	0.8964	0.6736	0.5122	0.2342	0.9383	0.9196
67	0.5281	0.7572	0.3637	0.8353	0.9156	0.2230	0.2576	0.3822	0.9062	0.5718	0.4541	0.6955	0.8771	0.5642	0.6244	0.4245	0.5223	0.8268	0.2328	0.0139
68	0.4263	0.5030	0.3185	0.0063	0.4200	0.6752	0.5587	0.9109	0.3909	0.3725	0.9807	0.6195	0.8348	0.0325	0.1286	0.5961	0.4322	0.2790	0.1276	0.6479
69	0.8420	0.0302	0.9280	0.1336	0.6621	0.9077	0.9277	0.6846	0.9058	0.3591	0.9959	0.3075	0.2851	0.5007	0.8269	0.9974	0.2770	0.1354	0.1560	0.1259
70	0.0784	0.0225	0.1559	0.1938	0.6175	0.9396	0.3276	0.1884	0.7558	0.3155	0.2109	0.2828	0.8150	0.9308	0.5822	0.7662	0.7420	0.1327	0.9998	0.1316
71	0.9238	0.1910	0.2735	0.7394	0.3367	0.5041	0.0970	0.5437	0.7236	0.5333	0.2514	0.6364	0.8665	0.2606	0.7291	0.6940	0.5625	0.3256	0.0973	0.0883
72	0.8430	0.1247	0.8207	0.3830	0.3031	0.1587	0.8787	0.4253	0.1677	0.8609	0.5879	0.0300	0.7399	0.7021	0.1335	0.6471	0.7701	0.3187	0.3898	0.6249
73	0.8540	0.7982	0.7470	0.1496	0.2428	0.9391	0.2701	0.3718	0.8692	0.9141	0.9988	0.6861	0.8725	0.1489	0.5714	0.7808	0.9645	0.6040	0.8841	0.3549
74	0.5417	0.1543	0.0234	0.5663	0.9495	0.5301	0.0493	0.5395	0.9368	0.3273	0.9500	0.2940	0.9222	0.4773	0.4778	0.2612	0.2852	0.2233	0.8647	0.1098
75	0.7332	0.6847	0.9067	0.5730	0.9667	0.3763	0.1959	0.2188	0.6727	0.1440	0.9993	0.0263	0.8807	0.5285	0.5804	0.2124	0.9687	0.0267	0.4564	0.3481
76	0.0162	0.6481	0.4457	0.2339	0.8532	0.7206	0.6988	0.0282	0.5963	0.2422	0.9180	0.4911	0.0549	0.7563	0.5369	0.8747	0.2372	0.5806	0.8677	0.1844
77	0.6729	0.2946	0.4932	0.8231	0.1471	0.7225	0.3038	0.8010	0.8489	0.8502	0.0155	0.2724	0.8537	0.5499	0.3759	0.4756	0.3631	0.0287	0.3901	0.5048
78	0.7320	0.6606	0.4094	0.3512	0.5644	0.8972	0.7412	0.8624	0.6466	0.1703	0.5334	0.5021	0.9958	0.6881	0.9264	0.0281	0.3819	0.0419	0.8772	0.3778
79	0.1503	0.8816	0.3028	0.4420	0.9493	0.0430	0.4276	0.5591	0.5315	0.3745	0.5228	0.8060	0.6790	0.8909	0.8637	0.5576	0.5095	0.6791	0.6703	0.0987
80	0.9514	0.8322	0.9255	0.6605	0.0603	0.0161	0.7745	0.1165	0.7453	0.4022	0.8442	0.3695	0.0585	0.7649	0.8192	0.9513	0.0637	0.8586	0.0291	0.0166
81	0.9643	0.9003	0.8790	0.9435	0.4151	0.2977	0.6526	0.8508	0.1819	0.1742	0.2583	0.5994	0.2556	0.3808	0.4891	0.2519	0.0048	0.2204	0.1621	0.7028
82	0.6458	0.7315	0.0526	0.6533	0.8866	0.2953	0.1782	0.4677	0.0593	0.2298	0.4992	0.4332	0.3885	0.2493	0.1019	0.3732	0.3582	0.6925	0.7658	0.1879

TABLE 1 Continued

	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
83	0.2631	0.0509	0.0963	0.2882	0.5777	0.2730	0.9539	0.5906	0.6869	0.1838	0.9338	0.4131	0.7013	0.1745	0.7976	0.7279	0.5675	0.8634	0.4734	0.4442
84	0.8257	0.6476	0.3792	0.0730	0.6116	0.2048	0.8327	0.1639	0.7025	0.3437	0.1022	0.9545	0.9239	0.9662	0.2736	0.7413	0.1877	0.3766	0.6318	0.3551
85	0.8205	0.2620	0.5250	0.7418	0.2638	0.7302	0.1793	0.4662	0.9381	0.8758	0.8290	0.1086	0.7019	0.5940	0.2509	0.0828	0.5639	0.0886	0.0981	0.4298
86	0.8109	0.9442	0.1833	0.8956	0.6573	0.2849	0.6681	0.6383	0.7325	0.6407	0.5188	0.1452	0.5084	0.5832	0.3513	0.4768	0.5724	0.0311	0.3190	0.8591
87	0.6387	0.5115	0.6990	0.1871	0.5942	0.4172	0.3205	0.3308	0.6044	0.4571	0.6879	0.3541	0.4561	0.6634	0.6629	0.9983	0.0476	0.7712	0.8611	0.3353
88	0.2815	0.7959	0.9711	0.8503	0.1163	0.1673	0.0994	0.4877	0.0737	0.5245	0.1921	0.1179	0.0944	0.3719	0.1863	0.3896	0.7555	0.5987	0.5184	0.8142
89	0.1501	0.7537	0.4206	0.3275	0.1711	0.8128	0.2939	0.4079	0.9537	0.5611	0.6000	0.3079	0.9584	0.8551	0.3490	0.6492	0.5701	0.4664	0.5979	0.6256
90	0.9214	0.1176	0.1741	0.3694	0.0799	0.8944	0.7342	0.3058	0.5297	0.0010	0.7937	0.1980	0.9871	0.9792	0.0100	0.8195	0.1117	0.2200	0.0127	0.3816
91	0.8001	0.8331	0.6753	0.0366	0.5387	0.2789	0.7520	0.1322	0.0119	0.0726	0.0429	0.8248	0.2049	0.7553	0.7611	0.7664	0.3073	0.8602	0.8178	0.5612
92	0.0123	0.3030	0.5105	0.0310	0.5195	0.8699	0.3985	0.7108	0.8283	0.4229	0.8462	0.5384	0.4819	0.5643	0.0687	0.7688	0.6637	0.2391	0.0216	0.5126
93	0.4199	0.0264	0.0000	0.5896	0.9720	0.9342	0.8706	0.3659	0.2363	0.1870	0.0046	0.7714	0.4011	0.3508	0.1975	0.4990	0.6025	0.9695	0.6547	0.8656
94	0.3385	0.8390	0.3938	0.3903	0.1618	0.3174	0.7938	0.0734	0.1348	0.0918	0.4482	0.1971	0.6493	0.6185	0.1473	0.7812	0.9247	0.3438	0.9321	0.5962
95	0.9644	0.3087	0.2972	0.0609	0.6270	0.4621	0.3266	0.5949	0.9523	0.5304	0.3262	0.2374	0.4058	0.8541	0.3620	0.0096	0.1869	0.6588	0.0054	0.8416
96	0.2798	0.8323	0.4906	0.5747	0.5313	0.1352	0.2064	0.9631	0.3616	0.5923	0.7286	0.4333	0.5003	0.4922	0.7036	0.9080	0.2397	0.0758	0.7956	0.5436
97	0.9689	0.9334	0.9319	0.4980	0.9714	0.1395	0.2487	0.5849	0.9412	0.5654	0.8563	0.5588	0.6976	0.8281	0.3032	0.8997	0.3842	0.3742	0.0256	0.1344
98	0.1832	0.5120	0.9578	0.0641	0.5296	0.9006	0.7957	0.1554	0.4671	0.1127	0.1659	0.5478	0.2009	0.8210	0.4706	0.0491	0.3226	0.4447	0.0301	0.0733
99	0.1538	0.0910	0.5368	0.6032	0.2698	0.9666	0.7869	0.3579	0.2478	0.1646	0.8877	0.3052	0.8920	0.5108	0.7430	0.9603	0.1321	0.0872	0.5217	0.6058
100	0.3197	0.1087	0.6029	0.7148	0.0446	0.0890	0.0568	0.4698	0.6177	0.6563	0.3529	0.7237	0.0677	0.8601	0.4387	0.3465	0.8402	0.5859	0.2426	0.2700
1	0.8741	0.0253	0.4697	0.2281	0.9693	0.1934	0.9612	0.2777	0.3983	0.2179	0.5607	0.1056	0.3601	0.1072	0.3436	0.0519	0.0820	0.9187	0.4127	0.2330
2	0.4250	0.0334	0.6942	0.6758	0.9640	0.1053	0.5831	0.4146	0.9364	0.3547	0.2522	0.9799	0.3627	0.3781	0.4002	0.7506	0.6804	0.4455	0.8062	0.8717
3	0.5159	0.8020	0.1990	0.0544	0.1184	0.6735	0.3907	0.5196	0.5971	0.1150	0.3669	0.4963	0.7242	0.0589	0.2680	0.6630	0.0664	0.2107	0.4599	0.4930
4	0.5708	0.3253	0.7841	0.5857	0.3223	0.9322	0.8426	0.4205	0.5453	0.2435	0.9143	0.5512	0.2260	0.0497	0.1767	0.2016	0.8897	0.8890	0.1418	0.2417
5	0.5515	0.7798	0.7885	0.1709	0.8518	0.6898	0.3844	0.8986	0.5057	0.4529	0.9579	0.1261	0.1396	0.7224	0.4899	0.2990	0.9234	0.9769	0.1972	0.5031
6	0.7205	0.1154	0.8246	0.6841	0.8066	0.1096	0.3204	0.2028	0.1713	0.9971	0.1859	0.4294	0.2093	0.1886	0.4007	0.2126	0.1343	0.7259	0.3202	0.3521
7	0.7121	0.4646	0.6148	0.5198	0.9823	0.8407	0.7791	0.4579	0.5406	0.6453	0.5352	0.8029	0.7329	0.4981	0.1353	0.9032	0.1004	0.2485	0.6639	0.2095
8	0.7722	0.7624	0.1790	0.4264	0.1088	0.5189	0.4546	0.2915	0.6057	0.9524	0.2872	0.5249	0.2419	0.6760	0.7724	0.2323	0.9821	0.0865	0.2780	0.3209
9	0.3671	0.0150	0.9903	0.0354	0.2887	0.7075	0.8928	0.4810	0.0411	0.2153	0.2521	0.2801	0.6859	0.2120	0.3050	0.3610	0.3873	0.2146	0.7379	0.5242
10	0.6657	0.2523	0.6420	0.9595	0.6693	0.7663	0.0486	0.1887	0.0779	0.9749	0.1119	0.1349	0.0887	0.6534	0.9947	0.7533	0.6425	0.4742	0.1754	0.5514
11	0.1546	0.9987	0.0693	0.2826	0.2888	0.7450	0.9066	0.4402	0.4525	0.3312	0.5226	0.2157	0.8835	0.3302	0.9733	0.2494	0.0829	0.2791	0.1937	0.3359
12	0.5141	0.0034	0.4960	0.0206	0.5717	0.6210	0.6792	0.4005	0.8872	0.5782	0.1385	0.9262	0.3319	0.9664	0.8552	0.4301	0.2477	0.3789	0.4802	0.7449
13	0.0849	0.9719	0.7256	0.3409	0.8445	0.5373	0.5098	0.0094	0.1675	0.6767	0.2160	0.2078	0.5123	0.3388	0.1644	0.6707	0.1926	0.1092	0.4638	0.2045
14	0.7565	0.4712	0.6684	0.0214	0.4936	0.5702	0.8362	0.4977	0.9905	0.2800	0.7574	0.3040	0.3449	0.3059	0.5180	0.9653	0.5342	0.3838	0.0157	0.4676
15	0.4948	0.8395	0.8147	0.3716	0.5470	0.9832	0.3709	0.3045	0.1823	0.6809	0.1168	0.1614	0.5627	0.1417	0.9777	0.5539	0.9941	0.3370	0.0534	0.4611
16	0.5908	0.6444	0.4054	0.2324	0.6581	0.0350	0.2220	0.5473	0.3708	0.2269	0.1720	0.3811	0.7301	0.9568	0.9652	0.9712	0.3085	0.7050	0.9025	0.8751
17	0.2748	0.1916	0.6522	0.1735	0.1210	0.4924	0.0011	0.6428	0.5658	0.8804	0.7483	0.4001	0.9057	0.6951	0.6496	0.1242	0.7455	0.3755	0.1708	0.2653
18	0.3559	0.6452	0.9879	0.5715	0.7784	0.3386	0.5238	0.9866	0.1289	0.9919	0.3317	0.9233	0.0170	0.3443	0.9144	0.2199	0.0850	0.3534	0.7599	0.2597
19	0.1616	0.4845	0.2256	0.5951	0.7969	0.5358	0.5721	0.0496	0.3973	0.8365	0.2797	0.1334	0.8545	0.6643	0.4409	0.2462	0.9660	0.5679	0.0090	0.0752
20	0.4996	0.7275	0.5072	0.3426	0.6070	0.3737	0.0035	0.3071	0.3441	0.4484	0.0697	0.9665	0.8878	0.9456	0.8160	0.6676	0.1378	0.4762	0.0163	0.5286
21	0.9967	0.9113	0.6516	0.8873	0.2341	0.8614	0.9909	0.9607	0.3584	0.6604	0.4976	0.5543	0.2717	0.4396	0.4020	0.6320	0.3739	0.5551	0.2508	0.2280
22	0.7317	0.3948	0.2987	0.3384	0.0159	0.5490	0.9649	0.1359	0.7915	0.6710	0.7795	0.7928	0.9491	0.7955	0.4958	0.3115	0.3355	0.1521	0.1505	0.0986
23	0.9709	0.3304	0.3136	0.1494	0.1779	0.0895	0.7352	0.1295	0.2040	0.5646	0.2814	0.5912	0.4361	0.2491	0.2178	0.8736	0.0452	0.0371	0.1061	0.2954
24	0.0019	0.3222	0.4723	0.2543	0.7570	0.4227	0.3322	0.8153	0.6393	0.7741	0.1576	0.6455	0.9923	0.1293	0.9402	0.7425	0.1635	0.3053	0.8428	0.8053
25	0.3878	0.6978	0.8680	0.2960	0.2652	0.5496	0.4986	0.8116	0.4050	0.0563	0.5206	0.1239	0.1115	0.2844	0.2377	0.2414	0.9279	0.4633	0.7896	0.3002
26	0.0674	0.7137	0.7427	0.8765	0.3867	0.0008	0.9745	0.2344	0.2792	0.9979	0.5729	0.7681	0.3976	0.9862	0.3216	0.2401	0.3444	0.8559	0.5074	0.9071
27	0.3646	0.5429	0.1104	0.7493	0.4999	0.3761	0.4404	0.1107	0.6172	0.7643	0.7208	0.1302	0.3165	0.2891	0.2215	0.5697	0.4763	0.6935	0.8553	0.1270
28	0.9837	0.3853	0.5779	0.1504	0.1548	0.4659	0.6180	0.0710	0.9375	0.6594	0.0859	0.4812	0.8297	0.8582	0.3712	0.3989	0.3328	0.4556	0.4233	0.8064
29	0.8485	0.1876	0.0482	0.9407	0.1292	0.3250	0.3935	0.3023	0.4148	0.1523	0.0753	0.0565	0.0576	0.1512	0.1439	0.9502	0.1837	0.0803	0.3560	0.7221
30	0.9088	0.4560	0.7684	0.2507	0.8522	0.7653	0.2912	0.8431	0.8086	0.9843	0.9430	0.2504	0.6430	0.0948	0.1575	0.8449	0.6586	0.1816	0.1558	0.1815

TABLE 1 *Continued*

31	0.4344	0.4156	0.6576	0.3566	0.3460	0.0116	0.5165	0.7512	0.0853	0.8352	0.1619	0.5541	0.1323	0.8075	0.9722	0.0144	0.0344	0.6918	0.3403
32	0.9565	0.7731	0.9617	0.4315	0.4339	0.3927	0.4116	0.2869	0.1046	0.0031	0.4178	0.1617	0.1363	0.9072	0.7202	0.2512	0.0557	0.5885	0.3614
33	0.0507	0.0774	0.3096	0.6794	0.3291	0.6923	0.3552	0.3361	0.5382	0.7389	0.1391	0.2642	0.7171	0.3866	0.2288	0.4428	0.1372	0.4375	0.8381
34	0.8466	0.1698	0.3493	0.0152	0.1903	0.9833	0.1865	0.5817	0.8628	0.2114	0.9254	0.3881	0.3710	0.1526	0.9126	0.0817	0.7477	0.4193	0.8253
35	0.0049	0.3731	0.4830	0.2632	0.1029	0.4622	0.8165	0.9814	0.8710	0.5350	0.7932	0.2465	0.0087	0.9392	0.0913	0.8404	0.9760	0.5476	0.1522
36	0.5103	0.0177	0.7192	0.8528	0.1282	0.7195	0.0306	0.2029	0.2846	0.7383	0.1250	0.0662	0.7252	0.5056	0.2942	0.0717	0.9780	0.0238	0.0621
37	0.1841	0.3589	0.7199	0.5823	0.2771	0.0016	0.3741	0.2617	0.7733	0.6266	0.8974	0.9216	0.0067	0.6181	0.1630	0.5267	0.9298	0.2532	0.3091
38	0.9107	0.1193	0.5439	0.3432	0.6110	0.6511	0.6435	0.6669	0.0878	0.3723	0.1125	0.8998	0.1437	0.7835	0.2793	0.9849	0.7011	0.5545	0.7438
39	0.9386	0.7911	0.5109	0.0352	0.7789	0.4875	0.2242	0.8648	0.7573	0.3861	0.4246	0.2069	0.8371	0.3371	0.7214	0.0798	0.1917	0.6553	0.3366
40	0.3933	0.8994	0.1047	0.7000	0.2338	0.8373	0.6095	0.4949	0.7364	0.8769	0.8372	0.0768	0.3217	0.8287	0.5700	0.0203	0.3453	0.7840	0.6015
41	0.7244	0.3834	0.1528	0.9479	0.6570	0.1191	0.3575	0.6922	0.1095	0.9742	0.7594	0.8675	0.0669	0.1246	0.3290	0.0165	0.3195	0.3894	0.7626
42	0.2431	0.3681	0.9450	0.4750	0.8814	0.7410	0.8482	0.2904	0.5918	0.1413	0.1083	0.2495	0.0646	0.2572	0.5259	0.6514	0.1162	0.1209	0.5887
43	0.2590	0.5318	0.5917	0.9398	0.2558	0.3268	0.2681	0.8206	0.5790	0.2749	0.9202	0.5631	0.8927	0.0597	0.5125	0.8893	0.8350	0.7092	0.6750
44	0.4923	0.9283	0.9812	0.2002	0.4185	0.0676	0.6208	0.3942	0.0947	0.4618	0.1773	0.0743	0.4730	0.2403	0.2310	0.9707	0.4034	0.4337	0.7308
45	0.5519	0.4490	0.1783	0.7334	0.3797	0.3264	0.4683	0.2427	0.6447	0.0324	0.2654	0.7517	0.7125	0.2896	0.6370	0.1257	0.1152	0.2806	0.6154
46	0.1294	0.1185	0.9269	0.5405	0.4691	0.3297	0.4438	0.0307	0.6209	0.3784	0.7965	0.9505	0.7900	0.8520	0.1164	0.7238	0.2703	0.1375	0.4019
47	0.8596	0.1896	0.7270	0.2175	0.8494	0.0860	0.6796	0.5976	0.0813	0.6179	0.1806	0.8664	0.8227	0.8908	0.5741	0.3166	0.5813	0.0192	0.6230
48	0.4694	0.1923	0.3123	0.8425	0.3283	0.6439	0.0892	0.5459	0.0479	0.3963	0.8567	0.9729	0.3445	0.9739	0.3539	0.2075	0.3518	0.2783	0.0080
49	0.3440	0.8823	0.6549	0.4786	0.3234	0.0047	0.5213	0.6608	0.0555	0.9624	0.2147	0.3211	0.4154	0.4231	0.7498	0.7393	0.7035	0.1309	0.7141
50	0.3137	0.9770	0.4604	0.6644	0.6189	0.8799	0.7524	0.6330	0.2667	0.3172	0.8783	0.3270	0.7335	0.4201	0.4857	0.9630	0.5523	0.9073	0.1758
51	0.3581	0.2252	0.6232	0.1540	0.5389	0.6756	0.4013	0.6133	0.3595	0.4782	0.8834	0.1421	0.6216	0.3776	0.9744	0.5891	0.7962	0.2490	0.5033
52	0.3349	0.0068	0.0706	0.0645	0.9246	0.9185	0.5497	0.0956	0.8867	0.8329	0.1537	0.0620	0.5985	0.8870	0.8498	0.0599	0.2082	0.6295	0.1227
53	0.8702	0.1273	0.5365	0.0037	0.4164	0.3468	0.4112	0.7813	0.1836	0.2471	0.0265	0.7459	0.6840	0.1112	0.1821	0.7246	0.0437	0.1650	0.6359
54	0.8304	0.6726	0.9566	0.4117	0.4397	0.6655	0.3770	0.2614	0.7048	0.0791	0.1511	0.0670	0.2081	0.0608	0.8289	0.0966	0.2138	0.2732	0.6931
55	0.0254	0.6233	0.9678	0.2762	0.4483	0.9795	0.8820	0.3013	0.3619	0.8247	0.0501	0.0398	0.9288	0.7527	0.1362	0.4494	0.8013	0.7768	0.0634
56	0.5830	0.7376	0.6945	0.2251	0.7406	0.1444	0.3335	0.9873	0.3448	0.8711	0.3921	0.2769	0.7587	0.7728	0.4480	0.4046	0.0228	0.6670	0.7839
57	0.8198	0.3621	0.5837	0.9520	0.4893	0.8448	0.4732	0.2860	0.4372	0.8333	0.5820	0.2337	0.2332	0.1979	0.4532	0.3134	0.3267	0.5905	0.4787
58	0.5052	0.4538	0.2011	0.1574	0.9053	0.6929	0.2535	0.2637	0.2345	0.1090	0.7635	0.1263	0.8773	0.2782	0.6151	0.7258	0.3368	0.7987	0.6961
59	0.2325	0.6491	0.4850	0.3495	0.6738	0.3826	0.0553	0.0074	0.0547	0.7669	0.3630	0.2158	0.6674	0.7667	0.8047	0.9924	0.7884	0.8368	0.5996
60	0.6611	0.7633	0.7209	0.3995	0.2305	0.0552	0.7178	0.0440	0.2300	0.0339	0.9528	0.2750	0.1373	0.6377	0.4531	0.9906	0.7443	0.7940	0.9738
61	0.5990	0.8619	0.0045	0.5209	0.7312	0.9347	0.6860	0.9730	0.1495	0.7293	0.6474	0.4720	0.5657	0.7276	0.5044	0.3176	0.1609	0.9897	0.6510
62	0.0182	0.0453	0.4547	0.4741	0.4921	0.2148	0.3006	0.9019	0.4318	0.7190	0.2565	0.2322	0.1457	0.8089	0.8035	0.3247	0.0713	0.9359	0.2829
63	0.8249	0.3860	0.4920	0.9976	0.8906	0.6255	0.1196	0.2299	0.6101	0.0336	0.7235	0.8597	0.9949	0.4739	0.5309	0.3376	0.7176	0.0349	0.3802
64	0.6971	0.7834	0.6139	0.6723	0.7129	0.1314	0.0912	0.5091	0.0460	0.6464	0.5383	0.2928	0.7581	0.0304	0.4956	0.4195	0.7566	0.2077	0.1851
65	0.0950	0.3545	0.7377	0.1624	0.1084	0.1789	0.1297	0.2573	0.2464	0.8598	0.7038	0.9061	0.3720	0.1940	0.6421	0.8203	0.2091	0.7311	0.4866
66	0.3232	0.0450	0.5847	0.5209	0.3425	0.9237	0.4268	0.6105	0.4268	0.5974	0.2861	0.2859	0.8560	0.5298	0.6267	0.4513	0.2423	0.0862	0.2502
67	0.9787	0.0770	0.6636	0.4741	0.0058	0.4815	0.9095	0.3647	0.9434	0.6327	0.4363	0.3857	0.8943	0.1530	0.8422	0.6930	0.5913	0.5731	0.9638
68	0.7155	0.7177	0.8068	0.9976	0.8844	0.1729	0.6937	0.2671	0.6708	0.1303	0.6754	0.1929	0.4118	0.3818	0.4485	0.6411	0.2333	0.4967	0.9431
69	0.1262	0.7834	0.6139	0.6835	0.4915	0.8757	0.8378	0.7149	0.5801	0.3363	0.2863	0.1158	0.9685	0.0815	0.3645	0.2648	0.3049	0.9580	0.9431
70	0.5533	0.3545	0.6157	0.8842	0.9651	0.9059	0.8409	0.9574	0.5662	0.5136	0.0220	0.5110	0.8014	0.5596	0.4574	0.1849	0.4657	0.8896	0.7333
71	0.7661	0.6174	0.0764	0.1888	0.6903	0.9427	0.4655	0.7060	0.4268	0.2440	0.4863	0.9459	0.8961	0.6748	0.7467	0.2368	0.8136	0.2007	0.2072
72	0.9326	0.1482	0.5878	0.9708	0.1883	0.3557	0.9434	0.5594	0.9095	0.7409	0.5825	0.4717	0.8506	0.9964	0.6963	0.0897	0.2517	0.9002	0.1963
73	0.8622	0.8916	0.7319	0.3061	0.0255	0.5723	0.6708	0.9917	0.6937	0.1123	0.4495	0.8914	0.7619	0.8260	0.5586	0.8689	0.1536	0.2917	0.4134
74	0.0132	0.1077	0.0647	0.6607	0.7503	0.4128	0.5801	0.0233	0.8378	0.5561	0.2619	0.1483	0.2169	0.0680	0.0802	0.7874	0.4726	0.1337	0.0914
75	0.1648	0.3876	0.1428	0.9024	0.0545	0.3420	0.5636	0.4550	0.8409	0.0518	0.6917	0.2692	0.2997	0.7182	0.2267	0.6580	0.4261	0.2594	0.5805
76	0.2549	0.4354	0.0466	0.3454	0.7165	0.0598	0.7346	0.5778	0.6838	0.4258	0.5524	0.7655	0.6082	0.8112	0.8386	0.1429	0.6980	0.3734	0.2279
77	0.5325	0.3390	0.3362	0.3141	0.0341	0.1308	0.1305	0.2433	0.7371	0.0403	0.0949	0.0594	0.0076	0.5079	0.6017	0.1601	0.8342	0.1515	0.2140
78	0.3888	0.1331	0.0891	0.6977	0.1456	0.6078	0.9385	0.3690	0.5113	0.1908	0.7309	0.3252	0.6251	0.4928	0.4985	0.9297	0.2974	0.1545	0.1296

TABLE 1 *Continued*

79	0.0920	0.8863	0.1116	0.2137	0.3356	0.3041	0.8723	0.2818	0.0650	0.8576	0.6910	0.3483	0.0538	0.3915	0.6213	0.1121	0.0854	0.0204	0.9424	0.8979
80	0.9104	0.8658	0.5345	0.0418	0.5930	0.2951	0.3535	0.8534	0.6768	0.6691	0.2676	0.9975	0.0685	0.7064	0.4735	0.9673	0.2285	0.1389	0.1868	0.0776
81	0.2580	0.5557	0.4918	0.1676	0.9764	0.0642	0.6235	0.5465	0.4078	0.3675	0.4685	0.2161	0.2105	0.4367	0.6159	0.6908	0.4144	0.1638	0.4591	0.7101
82	0.6665	0.0251	0.1035	0.7883	0.5475	0.5448	0.1607	0.1583	0.9813	0.2023	0.5306	0.3900	0.0974	0.4669	0.2313	0.1243	0.7646	0.0995	0.2030	0.5674
83	0.0847	0.8263	0.5791	0.1038	0.7323	0.4109	0.2634	0.2066	0.4081	0.0582	0.5343	0.8310	0.2458	0.6361	0.1369	0.1054	0.8216	0.3099	0.1461	0.1071
84	0.9287	0.9177	0.1009	0.7112	0.4326	0.4656	0.7359	0.1181	0.0142	0.6373	0.1180	0.5130	0.0171	0.2186	0.8197	0.6365	0.7547	0.2754	0.1759	0.6882
85	0.7468	0.3793	0.9597	0.3015	0.5902	0.0814	0.0769	0.1750	0.9159	0.6402	0.7887	0.8217	0.8391	0.6147	0.7437	0.2833	0.8983	0.4327	0.1224	0.4349
86	0.7381	0.3458	0.3338	0.9241	0.5336	0.3859	0.4359	0.1895	0.9286	0.8033	0.6071	0.1751	0.6104	0.1831	0.9178	0.8633	0.8509	0.7086	0.0196	0.9200
87	0.4927	0.6663	0.6386	0.9686	0.0408	0.3837	0.4466	0.4157	0.1174	0.1936	0.1580	0.5051	0.0082	0.4176	0.2119	0.3605	0.6985	0.0696	0.3651	0.4919
88	0.4993	0.3986	0.1113	0.6742	0.9229	0.5185	0.8288	0.8793	0.3847	0.6862	0.8354	0.0167	0.9089	0.1021	0.3947	0.3862	0.2840	0.0240	0.5161	0.8003
89	0.7287	0.4249	0.1393	0.9409	0.2956	0.5035	0.8608	0.8326	0.0246	0.5686	0.1777	0.0195	0.0326	0.8910	0.3597	0.0537	0.6061	0.0964	0.8937	0.3598
90	0.8148	0.0930	0.3593	0.5839	0.3104	0.5278	0.5314	0.3399	0.2225	0.9311	0.5780	0.7867	0.5549	0.1881	0.0824	0.1748	0.9074	0.8194	0.7616	0.8667
91	0.9484	0.1042	0.0810	0.2651	0.4983	0.4180	0.3546	0.1774	0.9734	0.0426	0.7241	0.3154	0.4383	0.7045	0.1610	0.0020	0.8858	0.8037	0.8953	0.9526
92	0.7868	0.5509	0.4649	0.3561	0.9582	0.1699	0.6770	0.1401	0.7119	0.0381	0.0330	0.6828	0.7948	0.3424	0.3320	0.7135	0.3018	0.9243	0.2630	0.0792
93	0.1367	0.4017	0.4832	0.2858	0.5319	0.0213	0.0279	0.0525	0.2021	0.4452	0.1817	0.1904	0.4430	0.5754	0.8459	0.3887	0.2559	0.2296	0.2643	0.8958
94	0.9273	0.8932	0.7534	0.2476	0.1510	0.5720	0.5456	0.4708	0.9428	0.6946	0.1710	0.0399	0.2226	0.1946	0.9445	0.4692	0.0295	0.9460	0.0247	0.4244
95	0.7157	0.9778	0.8019	0.8999	0.4097	0.7765	0.3231	0.7514	0.2964	0.7499	0.7944	0.8360	0.4522	0.8229	0.0169	0.5683	0.2141	0.7519	0.2457	0.2459
96	0.6451	0.5704	0.1944	0.1012	0.4491	0.6204	0.7020	0.4793	0.6050	0.0996	0.5668	0.0976	0.0644	0.6350	0.0695	0.2450	0.5311	0.1008	0.6265	0.3133
97	0.0463	0.8554	0.7056	0.9581	0.0863	0.9727	0.2027	0.6347	0.9455	0.4271	0.5601	0.9848	0.3414	0.6344	0.0757	0.6445	0.4060	0.2719	0.8817	0.0409
98	0.0081	0.6275	0.0797	0.5445	0.8158	0.8223	0.4270	0.9910	0.0574	0.9007	0.1584	0.1620	0.6647	0.2255	0.8024	0.1925	0.8651	0.2282	0.7339	0.4239
99	0.0660	0.8542	0.6777	0.0314	0.7357	0.4533	0.9358	0.8529	0.5773	0.9504	0.7280	0.2404	0.2057	0.9728	0.4463	0.3055	0.3525	0.7757	0.9918	0.8484
100	0.4434	0.8270	0.4679	0.1235	0.1842	0.0191	0.4648	0.1338	0.4807	0.6561	0.2981	0.5375	0.5667	0.6448	0.7348	0.6558	0.7939	0.8095	0.5156	0.1589

4. Selection Procedures

4.1 *Sampling from a Belt or Flowing Stream of Material*:

4.1.1 Determine the length of time, *t*, in minutes, for the lot of material to be sampled to pass the sampling point and determine the number of samples, *n*, to be taken from the lot. Following the instructions accompanying Table 1, pick *n* numbers to determine the times *t* to select the necessary samples.

4.1.2 *Example*:

4.1.2.1 The lot of material to be sampled from a flowing stream at a transfer point is defined as 480 min of production. Five samples are required from the lot. From Table 1, the following five numbers were picked:

0.0918
0.4205
0.2171
0.3702
0.0061

The first three digits are used directly (decimals disregarded) to determine the sample selection times. Any number over 480 should be discarded and another chosen.

4.1.2.2 Thus, samples will be taken at the following times after production begins (to the nearest 1 min and arranged in chronological order):

min
6
91
217
370
420

NOTE 4—The user may wish to decide a minimum time to allow the plant to become fully operational. In cases where the picked number results in a time less than this, the user should discard the picked number and choose another.

NOTE 5—While the above exact times were picked, in practice, the user may wish to round off actual sampling times to the nearest 5 min.

4.2 *Sampling From a Windrow of Material*:

4.2.1 Determine the total length of one windrow in metres that represents a lot of material and determine the number of samples, *n*, to be taken from the lot. Following the instruction accompanying Table 1, pick *n* numbers to determine the length, (*l*), from the start of the windrow from which samples will be taken.

4.2.2 *Example*:

4.2.2.1 A lot of material has been placed in windrows 900 m in length. It is desired to secure three samples from this lot. From Table 1 the following three numbers are picked:

0.5269
0.7044
0.1931

4.2.2.2 These numbers are then multiplied by 900 giving the number of metres from the beginning of the windrow at which to sample. Thus, samples (rounded to the nearest metre and arranged in sequence) are selected at the following intervals:

174 m (900 × 0.1931)
474 m (900 × 0.5269)
634 m (900 × 0.7044)

4.3 *Sampling In-Place Paving Material*:

4.3.1 Determine the length of one pavement representing a lot of material, the width of the pavement, *w*, and the number of samples needed for each lot, *n*. Following the instructions accompanying Table 1, pick *l* numbers corresponding to the length of pavement, followed by picking *w* numbers for width determination.

4.3.2 *Example*:

4.3.2.1 A lot is defined as 1.6 km of in-place 3.6-m wide pavement. Two samples are to be taken from each lot. Since there are 1600 m in the lot, enter the table and pick two numbers, which are then multiplied by 1600 m. In this instance, the two numbers chosen were:

0.3768
0.5295

4.3.2.2 Thus, the two samples will be taken at 603 and 847 m from the beginning of the pavement.

4.3.2.3 Determine the location from the edge of the pavement by selecting two additional numbers from Table 1, which are then multiplied by 3.6. In this case, the two numbers chosen were:

0.5127
0.7082

4.3.2.4 Therefore, the first sample should be taken 603 m from the beginning of the pavement (see 4.3.2.2) and 1.8 m from the designated (right or left) edge of the pavement.

4.3.2.5 The second sample should be taken 847 m from the beginning of the pavement and 2.5 m from the designated (right or left) edge of the pavement.

4.4 *Sampling From a Loaded Truck*:

4.4.1 Determine the number of truck loads that represent a lot of material and determine the number of samples, *n*, needed from each lot. To determine which trucks to sample, pick *n* numbers from Table 1 and multiply these numbers by the number of trucks in the lot. To determine the quadrant in each truck to be sampled, choose *n* numbers from Table 1 and multiply by 4. Select the quadrant in accordance with the following criterea. Quadrant locations of the truck are numbered as shown in Fig. 1.

Calculated Random Number, N	Quadrant
N ≤ 1.0	1
1.0 < N ≤ 2.0	2
2.0 < N ≤ 3.0	3
3.0 < N ≤ 4.0	4

4.4.2 *Example*:

4.4.2.1 Twenty trucks are considered a lot and three samples are required. Using Table 1, the following three numbers were picked:

0.2516
0.4243
0.8657

4.4.2.2 Thus, trucks numbered 5 (0.2516 × 20), 8 (0.4243 × 20), and 17 (0.8657 × 20) should be sampled.

4.4.2.3 To determine the quadrant locations, the following numbers were picked:

0.1100
0.3809
0.0641

These are multiplied by 4 with the following results:

Quadrant 1 from truck No.   5 (4 × 0.1100)
Quadrant 2 from truck No.   8 (4 × 0.3807)
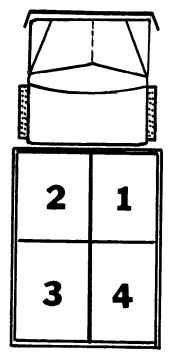Quadrant 1 from truck No. 17 (4 × 0.0641)

FIG. 1 Quadrants for Random Sampling from a Loaded Truck

5. Instructions for Using the Four-Digit Table of Numbers (Table 1)

5.1 Table 1 consists of all numbers from 0.0000 to 1.0000. Each number appears only once.

5.2 Electronic calculators or random number generators can be used to select rows and columns. Another method is to use Table 1 and a pointer. To eliminate bias when the pointer method is used, copy Table 1 from the book and place the pages on a flat surface in such a manner that the entire 100 line by 100 column table is assembled on the flat surface. Point without looking to a number in the table. The pointer may be a mechanical pencil with the lead retracted, the tip of a letter opener, or other pointed device.

5.3 After picking a number, the basis is established for locating the sought-after number in a more random, unbiased method.

5.4 Examine the first two digits of the four-digit number chosen. This number locates the column number (the horizontal line at the top) to be used in finding the sought-after number.

NOTE 6—The digits 0.0000 to 0.0099 are used for column number 100.

5.5 Once the column number is chosen, repeat the procedure in 5.2 and, using the first two digits, pick the line number (the vertical column on the left of the table).

5.6 The intersection of the results from 5.4 and 5.5 is the sought-after number.

5.7 The procedure, to be unbiased, must be followed as detailed in the foregoing or by some other locally devised method by which the user has no control over the numbers chosen. The table must be entered separately for any and all numbers selected. Repeat the selection procedure if an unusable number results.

5.8 Two alternative methods are described in 5.8.1 and 5.8.2. They are not considered as correct theoretically as the procedure described in 5.2 through 5.7; however, except in cases of dispute, they are considered to be acceptable alternatives for normal usage.

5.8.1 *Alternative 1*— Enter the table as described in 5.2, deciding beforehand that the required number of digits will be selected by moving up, down, right, or left from the number picked. Discard unusable numbers, and continue to the next number in the same direction. Decide beforehand what action to take when a number on the periphery of the table is reached and additional selections are needed.

5.8.2 *Alternative 2*— The user decides beforehand to begin in the top left corner (or top center, or bottom right, etc.) and move right and down (or left and up) picking the number of required usable numbers. Other variances might be: moving in the preplanned direction, picking every other number, or every third number, etc. Exercise care in using this method, giving numbers in the middle of the table an equal chance of being selected for any given time period.

6. Keywords

6.1 random number tables; sampling, random