Designation: D3665 – 12

Standard Practice for Random Sampling of Construction Materials[1]

This standard is issued under the fixed designation D3665; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

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 6 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:*[2]

C172 Practice for Sampling Freshly Mixed Concrete
C183 Practice for Sampling and the Amount of Testing of Hydraulic Cement
D75 Practice for Sampling Aggregates
D140 Practice for Sampling Bituminous Materials
D345 Test Method for Sampling and Testing Calcium Chloride for Roads and Structural Applications
D979 Practice for Sampling Bituminous Paving Mixtures
D5361 Practice for Sampling Compacted Bituminous Mixtures for Laboratory Testing
E105 Practice for Probability Sampling of Materials
E122 Practice for Calculating Sample Size to Estimate, With Specified Precision, the Average for a Characteristic of a Lot or Process
E141 Practice for Acceptance of Evidence Based on the Results of Probability Sampling

3. Terminology

3.1 *Definitions of Terms Specific to This Standard:*

3.1.1 *representative sample, n*—(*1*) a random sample; or (*2*) an unbiased sample.

3.1.1.1 *random sample, n*—a sample obtained from a lot of material in such a manner that all parts of the lot have a known probability of being included in the sample.

3.1.1.1 *Discussion*—An example of random sample is the case where specifications limit roadway sampling to within one foot of the edge, therefore the probability of inclusion of samples within one foot of the edge is zero.

3.1.1.2 *unbiased sample, n*—a sample obtained from a lot of material in such a manner that all parts of the lot have an equal probability of being included in the sample.

4. Significance and Use

4.1 This practice is useful for determining the location or time, or both, to take a sample in order to 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.

4.2 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 C172, C183, D75, D140, D979, D5361, and Test Method D345.

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

4.4 Additional sampling guidance is provided in Practice E105 concerning probability sampling, Practice E122 concerning choosing sample sizes to estimate the average quality of a lot or process (see Note 2), and in Practice E141 for acceptance of evidence based on results of probability sampling.

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[1] This practice is under the jurisdiction of ASTM Committee D04 on Road and Paving Materials and is the direct responsibility of Subcommittee D04.30 on Methods of Sampling.

Current edition approved June 1, 2012. Published June 2012. Originally approved in 1978. Last previous edition approved in 2006 as D3665 – 07. DOI: 10.1520/D3665-12.

[2] For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

NOTE 2—The guidance contained in Practice E122 is not available in other documents referenced in this section.

4.5 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

Row	Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	0.0356	0.8697	0.2205	0.4538	0.8827	0.4225	0.4008	0.4615	0.7901	0.6500	0.3838	0.6723	0.3978	0.8775	0.5588	0.8829	0.8980	0.3108	0.8204	0.5809
2	0.8580	0.2990	0.4644	0.4871	0.8163	0.9263	0.4562	0.6337	0.3934	0.4141	0.9521	0.2879	0.6361	0.2021	0.7589	0.1870	0.9183	0.6149	0.4569	0.0378
3	0.8868	0.7446	0.6652	0.8173	0.4798	0.0117	0.3324	0.0097	0.6668	0.0963	0.0875	0.8582	0.7717	0.2669	0.0231	0.3648	0.2685	0.9928	0.9793	0.4411
4	0.7940	0.9892	0.5329	0.1233	0.0121	0.1633	0.2466	0.6142	0.3381	0.0445	0.3771	0.5309	0.9193	0.6072	0.1577	0.4387	0.7038	0.8757	0.2657	0.3006
5	0.0305	0.8423	0.6766	0.4190	0.2374	0.8753	0.4063	0.3408	0.9021	0.9039	0.5236	0.8083	0.3872	0.6830	0.8937	0.1957	0.8938	0.5609	0.7841	0.9078
6	0.1990	0.1379	0.1276	0.8425	0.7700	0.0468	0.4882	0.7197	0.6832	0.7265	0.1392	0.4944	0.1193	0.2191	0.9428	0.0598	0.1253	0.0438	0.2364	0.8283
7	0.7772	0.5641	0.3472	0.7382	0.3921	0.6947	0.1795	0.8053	0.3994	0.8987	0.9821	0.3976	0.9681	0.0133	0.4219	0.2847	0.6499	0.7325	0.2250	0.7163
8	0.8062	0.3416	0.7687	0.1519	0.3264	0.6758	0.9357	0.1854	0.4155	0.1200	0.6862	0.9827	0.8000	0.5474	0.6931	0.0730	0.7022	0.4352	0.8045	0.9308
9	0.0653	0.1296	0.4614	0.5070	0.1989	0.9625	0.9050	0.9109	0.3074	0.0470	0.8219	0.9812	0.8277	0.3898	0.1725	0.6658	0.2857	0.7811	0.1973	0.1144
10	0.4181	0.4971	0.3942	0.4448	0.2319	0.5155	0.9658	0.1595	0.1979	0.3377	0.2642	0.3430	0.0945	0.2011	0.5689	0.1731	0.4044	0.3248	0.2343	0.7948
11	0.9174	0.0714	0.3789	0.6153	0.5821	0.9347	0.5790	0.4254	0.8405	0.8805	0.5125	0.1703	0.5123	0.9250	0.5521	0.2550	0.6623	0.5314	0.3974	0.8612
12	0.3636	0.0533	0.7853	0.8393	0.2079	0.6486	0.7869	0.2127	0.2143	0.8966	0.2007	0.7918	0.5869	0.1063	0.8177	0.7662	0.8717	0.6379	0.8377	0.1199
13	0.5300	0.7917	0.4838	0.5933	0.1910	0.7645	0.3495	0.6484	0.9602	0.4602	0.1401	0.5121	0.4541	0.9585	0.7676	0.3336	0.9076	0.2465	0.8121	0.7186
14	0.2863	0.9575	0.2481	0.0518	0.1765	0.9679	0.1299	0.9131	0.3051	0.7447	0.3026	0.2638	0.8831	0.6835	0.9893	0.9380	0.2478	0.8369	0.8063	0.3094
15	0.0919	0.8835	0.1516	0.0738	0.7219	0.3144	0.1118	0.5779	0.3448	0.8988	0.4771	0.3194	0.5435	0.7660	0.2173	0.7613	0.7741	0.6532	0.7655	0.5319
16	0.2116	0.7835	0.9001	0.3824	0.2247	0.0826	0.5451	0.8301	0.6777	0.5574	0.1168	0.6111	0.6003	0.3233	0.1176	0.7856	0.7148	0.2957	0.5507	0.7956
17	0.5583	0.4657	0.9500	0.9321	0.7194	0.0313	0.1899	0.5829	0.9650	0.6273	0.6164	0.0801	0.8359	0.6847	0.2880	0.9049	0.7390	0.6729	0.5807	0.4152
18	0.3455	0.6793	0.5516	0.6413	0.0806	0.9489	0.2105	0.5373	0.5276	0.7742	0.6070	0.1399	0.4579	0.5358	0.8796	0.3889	0.9118	0.6181	0.3749	0.1136
19	0.9809	0.1277	0.2121	0.6564	0.8096	0.1339	0.1651	0.8728	0.5060	0.2562	0.0575	0.4796	0.1025	0.8165	0.4659	0.6653	0.2532	0.6848	0.5896	0.6978
20	0.3544	0.3332	0.1076	0.9623	0.9570	0.9005	0.7518	0.2124	0.7816	0.0524	0.3852	0.2564	0.3572	0.2538	0.2743	0.2239	0.2928	0.4689	0.6561	0.5525
21	0.3107	0.4720	0.8457	0.7880	0.3941	0.8184	0.7261	0.8509	0.8218	0.6054	0.2363	0.3096	0.9851	0.6575	0.3180	0.2515	0.0205	0.4551	0.9801	0.4422
22	0.3105	0.8302	0.4188	0.3404	0.6603	0.8052	0.7317	0.0376	0.4959	0.8992	0.4175	0.1798	0.6674	0.0772	0.9646	0.1547	0.9817	0.3133	0.9012	0.0555
23	0.2795	0.5932	0.5858	0.6159	0.3832	0.7783	0.5636	0.6465	0.0149	0.0369	0.7373	0.5268	0.1544	0.0465	0.9359	0.5398	0.4154	0.6665	0.5770	0.7976
24	0.1222	0.4230	0.9137	0.6906	0.6160	0.5612	0.2425	0.9598	0.2475	0.1652	0.2774	0.4059	0.7871	0.4323	0.2282	0.7970	0.1964	0.8050	0.5935	0.6852
25	0.3933	0.4639	0.9741	0.9616	0.5343	0.6853	0.0568	0.0109	0.5199	0.2707	0.7138	0.4932	0.4308	0.1584	0.0059	0.0467	0.8550	0.7407	0.3616	0.8418
26	0.6375	0.9508	0.6063	0.6271	0.0392	0.9462	0.7996	0.9033	0.8493	0.5789	0.3668	0.9685	0.3273	0.9763	0.7681	0.3785	0.3716	0.6096	0.5991	0.4977
27	0.8828	0.8225	0.7213	0.8026	0.9042	0.2941	0.4287	0.6298	0.3062	0.4836	0.1267	0.3965	0.5990	0.4737	0.1563	0.8610	0.2998	0.1816	0.4540	0.1608
28	0.4528	0.0677	0.9607	0.6735	0.7048	0.3927	0.6913	0.3480	0.7553	0.4496	0.4527	0.3829	0.3461	0.4393	0.0062	0.9974	0.3989	0.2966	0.0273	0.2672
29	0.8241	0.9913	0.6051	0.1978	0.7680	0.0890	0.9716	0.5439	0.2246	0.5703	0.5120	0.7354	0.6625	0.2479	0.4592	0.3497	0.7953	0.2891	0.1571	0.4415
30	0.7673	0.7565	0.8132	0.3048	0.7381	0.1866	0.3811	0.1395	0.9473	0.4633	0.2630	0.0805	0.5110	0.5886	0.6523	0.8708	0.1482	0.9179	0.7410	0.1800
31	0.1455	0.2822	0.5090	0.0486	0.1449	0.3154	0.6839	0.6125	0.2583	0.0908	0.4781	0.4029	0.3166	0.9201	0.9360	0.1265	0.6174	0.4998	0.7994	0.4431
32	0.5559	0.4417	0.9958	0.1375	0.3938	0.3579	0.3056	0.4888	0.9534	0.5698	0.4302	0.1562	0.3409	0.4339	0.5964	0.1856	0.9748	0.8212	0.8917	0.6114
33	0.3869	0.0389	0.8325	0.1481	0.9486	0.4295	0.2151	0.9310	0.6474	0.4319	0.8648	0.1625	0.7669	0.1420	0.1235	0.7456	0.4629	0.8687	0.8111	0.2848
34	0.6846	0.5393	0.5101	0.6459	0.3384	0.7169	0.7646	0.5726	0.7334	0.8675	0.5246	0.5501	0.7638	0.0602	0.5551	0.7096	0.8306	0.1124	0.9806	0.8261
35	0.7412	0.1670	0.9434	0.5619	0.7958	0.7664	0.5776	0.7392	0.8174	0.2921	0.4320	0.4198	0.4405	0.8766	0.5255	0.6235	0.2760	0.8997	0.3319	0.8305
36	0.2962	0.8959	0.1923	0.2913	0.3496	0.7490	0.3268	0.6689	0.5693	0.6985	0.8471	0.3621	0.2606	0.9251	0.4396	0.9781	0.9281	0.4138	0.5440	0.4003
37	0.5891	0.2476	0.5682	0.7971	0.7684	0.7739	0.9110	0.5279	0.2185	0.2267	0.5786	0.5259	0.6820	0.5864	0.8436	0.2467	0.2174	0.1038	0.3551	0.0790
38	0.6755	0.6776	0.0063	0.7536	0.4472	0.7270	0.6630	0.7563	0.9819	0.7059	0.4127	0.5392	0.2353	0.2671	0.2581	0.4313	0.1492	0.7071	0.4245	0.5256
39	0.0304	0.3065	0.7253	0.5462	0.4887	0.9677	0.0836	0.7073	0.6673	0.8901	0.6168	0.1682	0.6479	0.5838	0.9895	0.9052	0.8041	0.3085	0.7294	0.5430
40	0.1217	0.6469	0.1386	0.6736	0.8927	0.8188	0.3325	0.1298	0.1470	0.9798	0.4001	0.5649	0.4773	0.1993	0.5547	0.3928	0.1065	0.4847	0.7819	0.3952
41	0.7083	0.2750	0.5020	0.2919	0.1907	0.9975	0.1699	0.1580	0.2987	0.2015	0.4603	0.0733	0.8926	0.1103	0.1701	0.5732	0.7292	0.1786	0.8474	0.9932
42	0.0138	0.7882	0.5022	0.1523	0.0226	0.4346	0.6656	0.1293	0.6284	0.5922	0.2738	0.5046	0.0043	0.3289	0.6412	0.5496	0.0359	0.8640	0.7372	0.0145
43	0.9341	0.1961	0.2243	0.5299	0.3272	0.0774	0.3768	0.3298	0.3886	0.4275	0.0606	0.7166	0.3356	0.5960	0.3007	0.0351	0.9280	0.7488	0.5522	0.1032
44	0.8614	0.7227	0.3796	0.7818	0.6428	0.7740	0.6341	0.5229	0.2931	0.3303	0.8021	0.4166	0.0175	0.0163	0.1924	0.0722	0.0368	0.3633	0.9159	0.6930
45	0.5385	0.5289	0.9784	0.8562	0.5176	0.7345	0.9587	0.0743	0.6001	0.0235	0.5561	0.3000	0.6912	0.5096	0.0435	0.5320	0.2085	0.1597	0.4799	0.5171
46	0.5979	0.6094	0.0863	0.2458	0.9090	0.2937	0.8195	0.1778	0.1189	0.6117	0.6220	0.7426	0.8556	0.4642	0.7908	0.4669	0.5250	0.5791	0.6536	0.2349
47	0.9057	0.1826	0.2980	1.0000	0.6281	0.9134	0.7457	0.4114	0.1380	0.8544	0.9832	0.2391	0.3897	0.6078	0.5774	0.8249	0.3363	0.7580	0.3101	0.8290
48	0.4315	0.5204	0.7018	0.5839	0.8344	0.3552	0.3506	0.2907	0.2367	0.7180	0.4895	0.7000	0.3876	0.6223	0.8169	0.7256	0.5919	0.1493	0.6872	0.6166
49	0.3747	0.3067	0.5837	0.3798	0.2122	0.1231	0.7528	0.5004	0.8587	0.2019	0.5503	0.8136	0.2197	0.3593	0.9098	0.6697	0.8790	0.9954	0.8384	0.2616
50	0.2108	0.5876	0.3779	0.3313	0.9510	0.7574	0.7844	0.0986	0.9460	0.8196	0.6916	0.3286	0.4119	0.1974	0.4312	0.7993	0.5471	0.0599	0.7504	0.1550
51	0.2546	0.6608	0.5509	0.3473	0.5846	0.8948	0.2115	0.3412	0.1180	0.0740	0.9903	0.9390	0.3151	0.6119	0.5192	0.2134	0.3132	0.5544	0.9249	0.4246
52	0.8546	0.5976	0.4030	0.6020	0.4150	0.1462	0.3160	0.2477	0.9297	0.7111	0.7067	0.7858	0.5707	0.0520	0.1583	0.2253	0.7338	0.5280	0.2334	0.0896
53	0.3835	0.8346	0.1555	0.9635	0.5912	0.5211	0.2264	0.1373	0.6416	0.2488	0.5816	0.8532	0.9682	0.1575	0.2873	0.8617	0.8485	0.2526	0.5128	0.1782
54	0.3164	0.9559	0.6894	0.3290	0.0857	0.1933	0.3185	0.0699	0.0431	0.2781	0.6186	0.0907	0.5089	0.1892	0.2572	0.9905	0.0665	0.1066	0.9961	0.9930

TABLE 1 *Continued*

Row	Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
55	0.3130	0.1475	0.9099	0.8060	0.0338	0.0625	0.0549	0.7349	0.3866	0.1752	0.5421	0.3931	0.6343	0.7156	0.8422	0.6514	0.7890	0.2924	0.1809	0.2692
56	0.7911	0.5716	0.0373	0.5861	0.1039	0.6798	0.8594	0.8317	0.0354	0.9736	0.8922	0.1227	0.5902	0.0797	0.7425	0.5556	0.2123	0.5029	0.1628	0.4869
57	0.9198	0.5400	0.0666	0.5460	0.4048	0.6112	0.4347	0.4186	0.9478	0.2586	0.9874	0.3600	0.0458	0.6272	0.1150	0.8650	0.4912	0.7474	0.5485	0.5702
58	0.8727	0.2502	0.4855	0.8685	0.4243	0.0791	0.4340	0.3848	0.9395	0.5653	0.0472	0.2773	0.5950	0.7770	0.2336	0.3219	0.4946	0.2358	0.0136	0.0330
59	0.7465	0.3035	0.9044	0.4627	0.0384	0.1256	0.9422	0.5983	0.0072	0.1259	0.0720	0.9546	0.0802	0.9629	0.8070	0.5780	0.2286	0.7404	0.7060	0.5826
60	0.4104	0.6921	0.0984	0.2920	0.0793	0.4349	0.4265	0.1730	0.0200	0.6064	0.1326	0.3555	0.9144	0.9922	0.7804	0.9459	0.1830	0.6811	0.4276	0.1316
61	0.1097	0.5659	0.6392	0.7802	0.6662	0.9464	0.3442	0.5566	0.8280	0.3671	0.7720	0.2833	0.3675	0.5129	0.0057	0.6463	0.6825	0.9235	0.6927	0.8999
62	0.6980	0.2260	0.4972	0.5389	0.6865	0.8203	0.1190	0.7523	0.7272	0.8088	0.2812	0.5218	0.1928	0.5062	0.5475	0.7935	0.9849	0.9666	0.1818	0.5131
63	0.2575	0.4500	0.9663	0.5629	0.8838	0.9085	0.5323	0.9553	0.3917	0.3432	0.6702	0.2046	0.6926	0.4418	0.2776	0.6738	0.2440	0.0118	0.5408	0.2125
64	0.3624	0.3423	0.8596	0.9755	0.4846	0.2517	0.5338	0.2676	0.9436	0.0976	0.4101	0.6086	0.0988	0.8668	0.4033	0.6795	0.6756	0.6212	0.7569	0.8055
65	0.8222	0.3631	0.3881	0.1022	0.3509	0.3887	0.2423	0.0577	0.5044	0.0706	0.7210	0.1573	0.5187	0.6372	0.4913	0.2858	0.4022	0.6483	0.1513	0.0025
66	0.4763	0.7779	0.3295	0.3471	0.0343	0.8435	0.6146	0.7817	0.4859	0.9916	0.8565	0.6196	0.8975	0.5998	0.2786	0.4389	0.7016	0.8589	0.5397	0.5203
67	0.5000	0.3427	0.8329	0.7514	0.2399	0.0183	0.7310	0.1436	0.5292	0.9037	0.0788	0.1806	0.5431	0.2875	0.5711	0.7307	0.5442	0.6565	0.9530	0.0185
68	0.9548	0.1317	0.3692	0.4280	0.6592	0.4038	0.3528	0.8551	0.7266	0.3088	0.6732	0.5436	0.5466	0.8979	0.5938	0.3667	0.3893	0.2952	0.1834	0.9225
69	0.8356	0.8715	0.8547	0.9212	0.8239	0.9386	0.6624	0.7850	0.0251	0.5142	0.9767	0.3939	0.6128	0.1647	0.3986	0.7305	0.6303	0.0500	0.6599	0.2715
70	0.5882	0.4558	0.9680	0.0627	0.2540	0.8893	0.4651	0.4861	0.2700	0.6421	0.9886	0.7685	0.9915	0.6972	0.6910	0.0873	0.9426	0.1312	0.3072	0.7391
71	0.2190	0.2271	0.2717	0.8276	0.0281	0.0763	0.2096	0.2451	0.4664	0.3208	0.1955	0.6079	0.7944	0.8260	0.4383	0.2789	0.2603	0.5531	0.0493	0.0605
72	0.2922	0.3093	0.5865	0.6215	0.4248	0.6450	0.6577	0.5731	0.3370	0.4061	0.0015	0.1508	0.1521	0.7616	0.2696	0.4490	0.8759	0.9814	0.3013	0.7892
73	0.1178	0.2965	0.1617	0.0297	0.3905	0.6713	0.4404	0.0547	0.6434	0.5139	0.6859	0.8806	0.4007	0.3244	0.1673	0.0682	0.2059	0.5847	0.1912	0.4636
74	0.1295	0.9782	0.2906	0.7815	0.7230	0.8611	0.4665	0.8308	0.3943	0.9129	0.6077	0.8336	0.8872	0.0830	0.1108	0.6274	0.3890	0.7675	0.5106	0.0111
75	0.5141	0.4623	0.5513	0.1438	0.1105	0.6557	0.5569	0.1110	0.2860	0.1020	0.3874	0.8288	0.6560	0.7091	0.6709	0.4762	0.7987	0.2315	0.1603	0.4196
76	0.5853	0.2747	0.6473	0.1026	0.2089	0.7015	0.5067	0.9451	0.1237	0.8133	0.6585	0.9194	0.0652	0.3249	0.0839	0.6641	0.0777	0.0878	0.9695	0.2816
77	0.4110	0.7807	0.8754	0.0541	0.4752	0.1526	0.5600	0.3168	0.0832	0.2293	0.3028	0.9696	0.4793	0.8392	0.1596	0.0992	0.1000	0.8046	0.9888	0.6655
78	0.5167	0.3983	0.4426	0.2527	0.1635	0.7252	0.1413	0.5606	0.8347	0.3875	0.7909	0.3786	0.8440	0.6594	0.5679	0.0012	0.5987	0.6515	0.9223	0.6139
79	0.1982	0.7567	0.1148	0.4870	0.0481	0.7068	0.3919	0.1331	0.2492	0.6501	0.0915	0.1450	0.8342	0.5792	0.6415	0.6476	0.2287	0.8181	0.3400	0.9688
80	0.4634	0.2602	0.5578	0.8942	0.7539	0.6455	0.6581	0.2793	0.9686	0.8559	0.1873	0.0860	0.1960	0.0564	0.8298	0.3618	0.3732	0.8265	0.1721	0.8501
81	0.0302	0.0719	0.0167	0.0066	0.7998	0.3643	0.4237	0.1904	0.8221	0.6369	0.7124	0.3628	0.0736	0.1422	0.1706	0.6000	0.3198	0.1669	0.2584	0.1477
82	0.4443	0.0143	0.7629	0.2361	0.8920	0.2954	0.5552	0.1488	0.9424	0.6084	0.2342	0.5625	0.2093	0.4201	0.5200	0.3414	0.3344	0.4109	0.7896	0.2328
83	0.0371	0.5697	0.8631	0.3015	0.4035	0.1266	0.6039	0.4485	0.1219	0.0303	0.1945	0.0559	0.4743	0.3084	0.4158	0.4693	0.1518	0.7710	0.4770	0.8066
84	0.4628	0.9706	0.7231	0.8601	0.3323	0.7347	0.0638	0.4956	0.4456	0.1691	0.4845	0.7761	0.6120	0.7964	0.9644	0.5884	0.9319	0.1410	0.2855	0.6175
85	0.9703	0.0829	0.5777	0.0586	0.8210	0.3002	0.3538	0.1160	0.2048	0.8852	0.9675	0.4803	0.1872	0.5223	0.8844	0.3855	0.3053	0.7120	0.7271	0.1683
86	0.8854	0.1850	0.7879	0.4043	0.6102	0.3582	0.5545	0.7288	0.0560	0.3410	0.1994	0.1654	0.2351	0.6783	0.2870	0.1052	0.7837	0.5800	0.5473	0.4377
87	0.3926	0.9017	0.7648	0.4238	0.7319	0.3531	0.5156	0.8029	0.4416	0.6563	0.9300	0.6920	0.6705	0.1062	0.3373	0.3542	0.3192	0.6976	0.3904	0.5391
88	0.1483	0.8554	0.5339	0.2454	0.5523	0.2567	0.0027	0.1445	0.6596	0.6345	0.3376	0.3545	0.9863	0.4532	0.1732	0.4079	0.9972	0.7152	0.3207	0.0498
89	0.7592	0.0971	0.6478	0.9858	0.9982	0.5885	0.8618	0.0453	0.6996	0.9081	0.2507	0.7709	0.0726	0.2402	0.7986	0.2821	0.0991	0.1210	0.8321	0.9303
90	0.6955	0.4163	0.4354	0.4244	0.4400	0.4936	0.2681	0.5122	0.4102	0.7316	0.1716	0.0904	0.4994	0.0655	0.2223	0.2513	0.9519	0.5237	0.2393	0.1736
91	0.4981	0.3125	0.6190	0.6731	0.9411	0.4116	0.3540	0.4132	0.1003	0.7107	0.8116	0.2221	0.6071	0.8360	0.0785	0.9453	0.0647	0.5115	0.0965	0.1802
92	0.2735	0.9790	0.3025	0.9467	0.2054	0.3637	0.7631	0.4447	0.8102	0.9413	0.2262	0.6778	0.2302	0.3177	0.5076	0.2923	0.5963	0.9988	0.9525	0.0238
93	0.6992	0.9299	0.0799	0.0193	0.3644	0.4494	0.1173	0.4441	0.4373	0.1261	0.5941	0.5752	0.3128	0.1081	0.7692	0.4842	0.4970	0.3292	0.3476	0.3851
94	0.3389	0.9630	0.2560	0.8841	0.9929	0.8908	0.6696	0.8924	0.9382	0.0367	0.3055	0.9999	0.2511	0.1208	0.5943	0.3966	0.2596	0.4973	0.5530	0.5827
95	0.4852	0.9074	0.3696	0.8701	0.9397	0.0403	0.4249	0.6616	0.3225	0.7302	0.9705	0.9594	0.8812	0.4216	0.1661	0.3439	0.0767	0.9278	0.3924	0.1397
96	0.5510	0.7836	0.0538	0.5080	0.8871	0.1212	0.5427	0.9899	0.8366	0.6305	0.7112	0.1986	0.3317	0.8271	0.8652	0.5811	0.5261	0.0779	0.6770	0.4655
97	0.6467	0.3791	0.5148	0.7082	0.2222	0.6147	0.2534	0.3685	0.6991	0.0669	0.3753	0.0400	0.8690	0.8703	0.9918	0.4433	0.8540	0.9216	0.3677	0.9164
98	0.8176	0.9404	0.0668	0.3498	0.1048	0.4597	0.5452	0.6403	0.5333	0.5977	0.7547	0.9387	0.1502	0.9701	0.3656	0.3819	0.7510	0.1971	0.5264	0.2433
99	0.9236	0.6258	0.1937	0.6027	0.2285	0.6666	0.9315	0.9538	0.9956	0.9491	0.1849	0.7845	0.6481	0.1051	0.5417	0.8270	0.6803	0.6724	0.2746	0.2333
100	0.5321	0.3037	0.4026	0.9737	0.9327	0.9430	0.1858	0.5202	0.6936	0.9253	0.7967	0.7937	0.2537	0.7593	0.8661	0.8025	0.5725	0.0406	0.1330	0.8593

TABLE 1 *Continued*

	Column																			
Row	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
101	0.8233	0.7388	0.5986	0.6155	0.2751	0.8798	0.8013	0.4487	0.4273	0.4025	0.9056	0.2003	0.0206	0.2199	0.3909	0.8834	0.0526	0.7861	0.1005	0.9221
102	0.1517	0.3460	0.3386	0.7947	0.9274	0.1421	0.7284	0.4885	0.6441	0.8266	0.0166	0.7989	0.6382	0.0687	0.5877	0.3329	0.6929	0.2734	0.3689	0.1769
103	0.2512	0.3873	0.8084	0.8119	0.8399	0.6701	0.0262	0.4792	0.9121	0.0214	0.3781	0.4554	0.0964	0.6555	0.0731	0.9117	0.5951	0.1468	0.0256	0.4566
104	0.0405	0.1318	0.7157	0.7306	0.4130	0.0922	0.1909	0.9618	0.6975	0.6720	0.3767	0.2355	0.6678	0.3686	0.5413	0.3032	0.6075	0.6016	0.6280	0.7568
105	0.8373	0.4153	0.1808	0.0447	0.2384	0.0488	0.7275	0.0391	0.2730	0.7114	0.4954	0.1739	0.3915	0.2208	0.4774	0.4679	0.6081	0.8960	0.3163	0.7145
106	0.1030	0.1814	0.4089	0.2788	0.8811	0.5749	0.0029	0.7351	0.8147	0.9799	0.2819	0.7851	0.5324	0.2728	0.3614	0.5769	0.3142	0.6126	0.9222	0.1853
107	0.7923	0.6374	0.2536	0.9670	0.4923	0.3561	0.8863	0.3520	0.7224	0.7748	0.2768	0.6520	0.2689	0.9540	0.3654	0.9973	0.9577	0.8353	0.9811	0.3564
108	0.5011	0.2210	0.7279	0.2389	0.7196	0.4757	0.0081	0.0073	0.0755	0.7531	0.4892	0.6869	0.8131	0.5384	0.9628	0.6136	0.7951	0.9672	0.8318	0.4449
109	0.0306	0.0056	0.2265	0.4641	0.2504	0.9667	0.7639	0.5965	0.0798	0.0912	0.7395	0.7632	0.3936	0.4898	0.2449	0.4310	0.6885	0.4180	0.8972	0.1433
110	0.7103	0.1238	0.7026	0.4722	0.8468	0.0325	0.0824	0.4534	0.0761	0.7643	0.0694	0.4091	0.8365	0.1186	0.8367	0.9289	0.7571	0.4804	0.3258	0.7123
111	0.2215	0.4413	0.1061	0.2042	0.7193	0.0999	0.9445	0.3138	0.7350	0.9241	0.6026	0.0952	0.6324	0.4375	0.1794	0.0487	0.7508	0.3809	0.9127	0.0216
112	0.7703	0.7957	0.1425	0.0505	0.2371	0.8263	0.1398	0.6491	0.4128	0.3790	0.4921	0.1403	0.5486	0.0242	0.7267	0.1812	0.7866	0.4473	0.4545	0.6383
113	0.1780	0.3215	0.8424	0.7342	0.5508	0.2828	0.7130	0.2673	0.9166	0.1342	0.1770	0.2407	0.5394	0.3801	0.8018	0.0215	0.9218	0.9256	0.4728	0.3710
114	0.5371	0.1478	0.2339	0.9326	0.0967	0.5563	0.1408	0.5581	0.9217	0.0810	0.2900	0.4073	0.2459	0.4893	0.2721	0.7452	0.4779	0.1021	0.6352	0.0460
115	0.2516	0.2767	0.1192	0.6424	0.3150	0.5696	0.3444	0.7801	0.0905	0.3119	0.2655	0.0444	0.5410	0.3560	0.3977	0.4408	0.7229	0.5227	0.7141	0.1644
116	0.3438	0.2422	0.4611	0.9047	0.5010	0.1374	0.4588	0.9161	0.4242	0.5248	0.4519	0.1839	0.0573	0.5562	0.8934	0.1940	0.4947	0.4808	0.8351	0.8439
117	0.4501	0.3339	0.4385	0.7348	0.8815	0.3059	0.8744	0.8531	0.8848	0.0921	0.7494	0.0076	0.0924	0.8462	0.7810	0.1737	0.7084	0.9032	0.2297	0.3773
118	0.0662	0.2220	0.6300	0.4837	0.3364	0.0248	0.5401	0.9564	0.5382	0.6296	0.2862	0.6707	0.3405	0.0858	0.6106	0.9902	0.2803	0.3269	0.1981	0.1216
119	0.4584	0.8819	0.3970	0.2310	0.6801	0.2418	0.7848	0.3402	0.1797	0.8310	0.9645	0.2160	0.3118	0.8816	0.5592	0.5179	0.2404	0.9143	0.0019	0.2083
120	0.7657	0.9234	0.9173	0.5366	0.8983	0.2667	0.1889	0.4361	0.0821	0.5973	0.1992	0.6647	0.6093	0.5032	0.7427	0.3988	0.5372	0.6042	0.2431	0.3910
121	0.4701	0.7286	0.5529	0.0241	0.3665	0.2889	0.3856	0.4524	0.2797	0.4764	0.4241	0.4578	0.6431	0.3802	0.3659	0.6214	0.6334	0.6340	0.1568	0.4145
122	0.6889	0.7886	0.4520	0.8792	0.0565	0.5601	0.5586	0.8910	0.9361	0.6911	0.5311	0.8673	0.7367	0.2955	0.8293	0.9523	0.8104	0.0903	0.6244	0.7466
123	0.7746	0.7203	0.1441	0.0071	0.4434	0.1695	0.6304	0.6227	0.4510	0.1527	0.2866	0.8118	0.2633	0.8257	0.1938	0.9502	0.9711	0.4526	0.2289	0.1609
124	0.7800	0.2759	0.9959	0.7991	0.5880	0.5340	0.7337	0.9647	0.0287	0.9760	0.5009	0.4304	0.5488	0.7102	0.5213	0.8284	0.8161	0.9937	0.0084	0.4006
125	0.5185	0.5939	0.7839	0.4425	0.6407	0.4756	0.9810	0.8808	0.4508	0.7027	0.1894	0.3664	0.7534	0.3351	0.9957	0.8097	0.9779	0.0698	0.6464	0.8319
126	0.0576	0.2213	0.6492	0.0100	0.6615	0.9605	0.7796	0.6193	0.8537	0.2704	0.5249	0.6957	0.3598	0.7601	0.3382	0.2864	0.9055	0.6404	0.7374	0.4903
127	0.3127	0.1672	0.8012	0.5638	0.7208	0.8304	0.8519	0.8726	0.7086	0.1014	0.8094	0.4294	0.8278	0.1125	0.4316	0.2706	0.8626	0.1191	0.1750	0.3739
128	0.0994	0.2658	0.4766	0.6179	0.3766	0.1648	0.7080	0.4066	0.3008	0.4937	0.4260	0.8679	0.0333	0.7462	0.5444	0.9454	0.9227	0.9102	0.8858	0.1107
129	0.2325	0.7663	0.5349	0.7424	0.5744	0.5862	0.1693	0.7794	0.0454	0.4866	0.4708	0.2429	0.0321	0.3121	0.2311	0.2139	0.1859	0.4560	0.3327	0.3895
130	0.5284	0.9785	0.6622	0.8905	0.6009	0.9141	0.9071	0.2280	0.9154	0.4406	0.3165	0.1183	0.2496	0.5691	0.9506	0.5049	0.6513	0.2259	0.0407	0.4403
131	0.1711	0.2165	0.4124	0.6182	0.1495	0.6091	0.6627	0.8584	0.5015	0.7654	0.5445	0.0760	0.0050	0.9555	0.8250	0.6583	0.7220	0.2576	0.5152	0.6040
132	0.8292	0.9837	0.7389	0.8395	0.3358	0.5590	0.2970	0.0179	0.9889	0.2731	0.8458	0.8495	0.9232	0.9887	0.8564	0.1340	0.0615	0.2416	0.3369	0.8019
133	0.3982	0.1369	0.7511	0.9103	0.8007	0.6657	0.1906	0.9668	0.9878	0.4662	0.1791	0.0112	0.7857	0.8913	0.3602	0.3114	0.9712	0.9396	0.5257	0.1310
134	0.3914	0.2257	0.3769	0.3092	0.9455	0.0513	0.4860	0.6809	0.2024	0.3287	0.4863	0.4088	0.0010	0.8552	0.3944	0.3320	0.7546	0.1011	0.2725	0.4585
135	0.8275	0.2411	0.9702	0.8371	0.7870	0.1004	0.5675	0.8541	0.3005	0.3687	0.4023	0.3328	0.5972	0.6989	0.4290	0.8658	0.9063	0.2809	0.9939	0.3271
136	0.4904	0.2445	0.3076	0.8450	0.3309	0.9800	0.7234	0.4288	0.7872	0.1542	0.2187	0.1280	0.9505	0.3581	0.5114	0.9331	0.5670	0.6997	0.7037	0.4094
137	0.9723	0.3683	0.5178	0.7332	0.5897	0.2025	0.1016	0.0659	0.9507	0.7778	0.2304	0.1246	0.5424	0.1821	0.2014	0.9995	0.6107	0.5162	0.3586	0.1158
138	0.4673	0.3854	0.2680	0.0410	0.6364	0.1009	0.5315	0.1627	0.5290	0.0152	0.7314	0.8324	0.7190	0.5164	0.1417	0.6593	0.5808	0.9836	0.8409	0.3261
139	0.6232	0.5975	0.3158	0.8077	0.8198	0.9128	0.2117	0.6331	0.1658	0.0574	0.1072	0.0808	0.5931	0.3807	0.6948	0.0639	0.9633	0.9948	0.7379	0.2381
140	0.1229	0.3171	0.9588	0.8016	0.8191	0.1220	0.4330	0.7049	0.2452	0.4194	0.4935	0.1019	0.5728	0.2518	0.0855	0.1396	0.8572	0.9756	0.8784	0.0838
141	0.3534	0.3993	0.8814	0.9834	0.3265	0.5332	0.0581	0.0049	0.4739	0.0834	0.6727	0.7963	0.1842	0.4951	0.8877	0.8818	0.1828	0.5909	0.3775	0.0225
142	0.0358	0.6695	0.1679	0.4727	0.5784	0.5536	0.6663	0.6502	0.9808	0.3516	0.6056	0.5889	0.4480	0.6903	0.9351	0.0480	0.7012	0.4503	0.8993	0.5903
143	0.7023	0.5079	0.5143	0.2732	0.5710	0.8108	0.4694	0.3018	0.4255	0.3043	0.8071	0.0324	0.8089	0.4148	0.0434	0.5135	0.2177	0.6088	0.8557	0.2708
144	0.8361	0.5883	0.5205	0.5387	0.9324	0.0998	0.4171	0.8592	0.6851	0.5944	0.6445	0.1167	0.7453	0.9542	0.6035	0.1140	0.4010	0.6660	0.8235	0.3841
145	0.0708	0.7824	0.3239	0.0275	0.7604	0.8777	0.4481	0.9730	0.4395	0.1412	0.8755	0.6100	0.4568	0.2070	0.8517	0.3195	0.1050	0.8206	0.0240	0.0278
146	0.9544	0.9123	0.3752	0.4475	0.0414	0.5845	0.9138	0.4906	0.4747	0.3755	0.9766	0.7775	0.0865	0.0705	0.6277	0.3709	0.7029	0.5873	0.1760	0.5479
147	0.3608	0.3380	0.4976	0.6914	0.8939	0.1747	0.8086	0.8609	0.4915	0.1893	0.4576	0.5962	0.5282	0.6440	0.6346	0.0572	0.9718	0.9869	0.2497	0.5232
148	0.0959	0.5968	0.6667	0.6472	0.0825	0.2620	0.4457	0.1464	0.7330	0.7140	0.3422	0.7721	0.6422	0.4309	0.0322	0.7377	0.6519	0.0283	0.5378	0.2910
149	0.2646	0.3061	0.6401	0.0473	0.2736	0.3655	0.0180	0.7789	0.6021	0.5739	0.6173	0.2335	0.8807	0.0269	0.8432	0.1996	0.5672	0.2484	0.9783	0.1503
150	0.4548	0.4017	0.5012	0.3348	0.7063	0.2682	0.5433	0.0895	0.1574	0.8211	0.0840	0.4368	0.8246	0.0489	0.9901	0.4675	0.3511	0.6864	0.1286	0.1742

TABLE 1 *Continued*

Row	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
151	0.2400	0.9470	0.1355	0.0053	0.8095	0.2549	0.7104	0.8787	0.3935	0.3830	0.1093	0.9148	0.1096	0.5575	0.5735	0.0229	0.6202	0.6466	0.1236	0.0150
152	0.7136	0.7122	0.6791	0.1843	0.0632	0.2487	0.4024	0.0020	0.8526	0.3280	0.2972	0.6189	0.2178	0.3867	0.0675	0.3243	0.7814	0.2153	0.9482	0.7591
153	0.4864	0.0771	0.5350	0.2235	0.5518	0.5154	0.0769	0.7281	0.9933	0.6328	0.5833	0.6944	0.9693	0.0080	0.0693	0.4854	0.9469	0.2067	0.6409	0.6037
154	0.8741	0.6436	0.1895	0.9495	0.1027	0.5310	0.8607	0.0867	0.8718	0.3697	0.7129	0.2763	0.6261	0.2874	0.2555	0.0427	0.5761	0.5316	0.9515	0.6330
155	0.6373	0.7914	0.4616	0.5231	0.9776	0.3672	0.1639	0.7747	0.6110	0.0120	0.6133	0.9862	0.2927	0.2524	0.8107	0.0451	0.4262	0.4353	0.5416	0.4455
156	0.3702	0.5095	0.3230	0.2631	0.9034	0.1860	0.6833	0.4561	0.4174	0.9579	0.5709	0.1164	0.6393	0.2192	0.8124	0.0105	0.6617	0.9986	0.7873	0.0436
157	0.1499	0.7173	0.8067	0.9552	0.6949	0.2276	0.6871	0.0044	0.4522	0.0803	0.9558	0.1195	0.0033	0.3694	0.5815	0.7464	0.5082	0.5747	0.6219	0.8494
158	0.2136	0.0711	0.1535	0.7403	0.6559	0.5159	0.8087	0.4239	0.3609	0.7053	0.3823	0.3695	0.9554	0.0931	0.9442	0.2179	0.3820	0.2930	0.0417	0.8408
159	0.9065	0.4369	0.1494	0.8101	0.2457	0.6266	0.2896	0.0370	0.6211	0.9946	0.3850	0.9304	0.6288	0.2916	0.2887	0.4966	0.2600	0.1623	0.4258	0.3975
160	0.1613	0.1581	0.7905	0.0501	0.8175	0.2022	0.3971	0.3601	0.5061	0.6789	0.8496	0.7614	0.1540	0.3346	0.4873	0.9045	0.8855	0.3719	0.2130	0.9007
161	0.5801	0.1069	0.3623	0.5907	0.3122	0.7863	0.8315	0.6570	0.4459	0.8412	0.6954	0.4327	0.6815	0.9403	0.8514	0.1947	0.4424	0.6275	0.1226	0.7119
162	0.3575	0.1471	0.6595	0.9269	0.6806	0.5685	0.4953	0.9064	0.6444	0.4474	0.5660	0.8646	0.6025	0.7997	0.9043	0.0134	0.4205	0.4274	0.5023	0.3305
163	0.9867	0.0285	0.2568	0.0622	0.5326	0.3536	0.8281	0.6262	0.2983	0.5639	0.8527	0.0162	0.5146	0.3828	0.7014	0.5251	0.1405	0.4617	0.6621	0.4917
164	0.4046	0.0259	0.9985	0.9245	0.5580	0.6728	0.1177	0.8085	0.6525	0.0847	0.6333	0.0820	0.2823	0.4370	0.4993	0.2589	0.2324	0.2110	0.7862	0.8773
165	0.5971	0.2490	0.0978	0.4544	0.5428	0.3097	0.0388	0.9531	0.4032	0.9942	0.2144	0.3730	0.9229	0.0318	0.3653	0.3960	0.3541	0.0843	0.6613	0.3484
166	0.2133	0.0856	0.7072	0.3459	0.3507	0.6034	0.0042	0.6831	0.2172	0.2978	0.2249	0.0091	0.1461	0.2500	0.9567	0.0766	0.6576	0.3877	0.5395	0.0548
167	0.9860	0.5763	0.2217	0.9571	0.3270	0.7020	0.8229	0.8427	0.2112	0.8776	0.7771	0.4908	0.2780	0.7002	0.5669	0.2914	0.0353	0.5217	0.7688	0.2867
168	0.0663	0.9018	0.4929	0.7168	0.0845	0.7822	0.5482	0.7433	0.2628	0.3242	0.3365	0.3883	0.4943	0.5796	0.6765	0.4514	0.7554	0.3355	0.1100	0.9520
169	0.1147	0.6887	0.6940	0.7467	0.6108	0.8856	0.2525	0.5898	0.5921	0.8681	0.7781	0.0007	0.5016	0.9209	0.2514	0.5407	0.5040	0.0673	0.6387	0.5680
170	0.1588	0.4624	0.6405	0.6938	0.0691	0.3713	0.5997	0.9769	0.3172	0.4919	0.1876	0.6050	0.5145	0.0881	0.6253	0.7243	0.6022	0.7003	0.5245	0.9415
171	0.1336	0.2131	0.0146	0.7469	0.8357	0.2506	0.8977	0.0973	0.1247	0.3020	0.5713	0.8672	0.7171	0.1453	0.3733	0.6981	0.5570	0.7418	0.6813	0.4226
172	0.0911	0.6038	0.4362	0.4210	0.0258	0.3678	0.3491	0.1174	0.5083	0.2195	0.2756	0.6898	0.1452	0.1984	0.0336	0.6259	0.9509	0.3947	0.7108	0.1327
173	0.7611	0.4379	0.7139	0.1539	0.9907	0.9358	0.6154	0.5181	0.5305	0.2103	0.7842	0.8134	0.9450	0.9312	0.8380	0.7667	0.7798	0.7167	0.9356	0.8666
174	0.4867	0.6332	0.3499	0.5454	0.5306	0.7745	0.1127	0.8825	0.1514	0.2806	0.0504	0.9286	0.4271	0.5478	0.8600	0.4050	0.9968	0.7505	0.9871	0.2306
175	0.5112	0.4266	0.2934	0.0339	0.6162	0.6509	0.2722	0.8454	0.8729	0.2463	0.5487	0.8374	0.7434	0.9497	0.8333	0.8227	0.3155	0.5775	0.3447	0.8820
176	0.0265	0.8056	0.0506	0.1119	0.7785	0.2757	0.6310	0.8943	0.1976	0.0090	0.2794	0.1126	0.3362	0.0432	0.8595	0.2485	0.7876	0.2890	0.8451	0.6638
177	0.6682	0.1079	0.7025	0.7805	0.6512	0.0023	0.4479	0.1357	0.9484	0.7982	0.7767	0.9493	0.4949	0.0142	0.5673	0.8307	0.9152	0.3378	0.4840	0.0531
178	0.8078	0.3188	0.0584	0.4232	0.3588	0.1677	0.3023	0.2034	0.2434	0.3135	0.3806	0.0102	0.1321	0.9441	0.4462	0.6552	0.9536	0.0540	0.4080	0.4147
179	0.1632	0.8624	0.4570	0.0125	0.4218	0.7057	0.6969	0.6224	0.7144	0.9773	0.9172	0.5604	0.8362	0.0236	0.9673	0.1762	0.0604	0.6752	0.7830	0.1801
180	0.5169	0.4965	0.1142	0.8760	0.8804	0.9393	0.4165	0.9707	0.8795	0.8005	0.0130	0.4410	0.3012	0.4146	0.2761	0.8667	0.0101	0.2592	0.0582	0.2016
181	0.3658	0.4234	0.4805	0.5271	0.8549	0.0696	0.0553	0.8372	0.5091	0.0197	0.2340	0.0496	0.4438	0.3031	0.9568	0.0411	0.2784	0.7626	0.4476	0.8069
182	0.9617	0.9068	0.0849	0.1929	0.6247	0.3482	0.2758	0.1883	0.0360	0.7665	0.8990	0.6058	0.7290	0.9320	0.1344	0.9392	0.7867	0.1087	0.0482	0.4343
183	0.5260	0.4350	0.3057	0.5105	0.3247	0.1418	0.9926	0.5546	0.5993	0.6306	0.7636	0.9238	0.0910	0.2057	0.0561	0.9496	0.6045	0.9381	0.7516	0.2227
184	0.2727	0.9488	0.3211	0.0279	0.0187	0.1558	0.5353	0.0237	0.7333	0.9935	0.1559	0.8267	0.3425	0.8363	0.4364	0.7245	0.3707	0.2820	0.9729	0.6239
185	0.6909	0.6231	0.1035	0.7904	0.4765	0.9153	0.3577	0.1364	0.0335	0.2565	0.3395	0.6494	0.8909	0.0085	0.7411	0.7165	0.1388	0.7928	0.2362	0.9632
186	0.1281	0.1064	0.1719	0.9582	0.8763	0.1952	0.6325	0.1776	0.1263	0.1071	0.7471	0.1446	0.2181	0.4176	0.6256	0.9562	0.7408	0.7786	0.9075	0.2037
187	0.2798	0.4281	0.2236	0.6858	0.7143	0.9124	0.9252	0.1724	0.6183	0.9231	0.4928	0.3070	0.0521	0.8403	0.4016	0.8130	0.2028	0.2049	0.0323	0.2832
188	0.1082	0.1323	0.2114	0.5328	0.2653	0.0585	0.1252	0.6457	0.0570	0.8335	0.5874	0.9855	0.9104	0.6958	0.5848	0.2903	0.3918	0.8145	0.3420	0.6290
189	0.2322	0.9744	0.2971	0.7620	0.0456	0.8093	0.6692	0.7945	0.4250	0.5771	0.6226	0.9700	0.0941	0.9038	0.6349	0.8234	0.4064	0.8048	0.3630	0.1543
190	0.4604	0.1586	0.2953	0.8750	0.3187	0.8385	0.3759	0.5852	0.9979	0.4045	0.7241	0.6884	0.3415	0.8201	0.4269	0.1622	0.2074	0.3932	0.4090	0.2211
191	0.6371	0.7719	0.5945	0.4931	0.5446	0.7431	0.6606	0.0064	0.2577	0.0078	0.9643	0.8220	0.7212	0.8780	0.5298	0.4968	0.1611	0.6804	0.8874	0.5013
192	0.9011	0.2601	0.6953	0.8103	0.9921	0.9561	0.9053	0.5585	0.5293	0.8205	0.4454	0.0539	0.5754	0.1620	0.0702	0.9461	0.3923	0.7079	0.9694	0.0583
193	0.0725	0.0637	0.7550	0.0495	0.0916	0.9722	0.3590	0.9440	0.9757	0.4004	0.7797	0.3052	0.8721	0.0267	0.4391	0.3725	0.1083	0.3500	0.5870	0.5207
194	0.2455	0.6052	0.8073	0.4097	0.6044	0.5476	0.0654	0.4795	0.3237	0.0218	0.0724	0.1745	0.6819	0.4707	0.6964	0.3083	0.4401	0.8429	0.8100	0.7061
195	0.0809	0.2835	0.8162	0.2943	0.0601	0.7248	0.0676	0.9882	0.4356	0.6124	0.0626	0.4483	0.2314	0.2296	0.6398	0.1649	0.0563	0.2356	0.2071	0.1694
196	0.3342	0.6526	0.5216	0.9014	0.5812	0.3218	0.2167	0.4105	0.8991	0.2450	0.1759	0.9282	0.8880	0.4754	0.6184	0.1787	0.3446	0.9843	0.3622	0.3485
197	0.5875	0.1311	0.2272	0.0880	0.5607	0.9752	0.0515	0.3354	0.8503	0.7712	0.4478	0.2375	0.2737	0.4797	0.3086	0.8378	0.9248	0.6844	0.6140	0.7423
198	0.1033	0.4117	0.5794	0.3027	0.9621	0.7043	0.6397	0.5758	0.1740	0.3245	0.1149	0.4670	0.4098	0.2323	0.7361	0.3527	0.0016	0.6200	0.8571	0.8686
199	0.2872	0.9927	0.6710	0.0390	0.2058	0.6122	0.3232	0.4482	0.2004	0.8262	0.4939	0.6802	0.7828	0.0452	0.5753	0.9662	0.9477	0.3217	0.7077	0.2678
200	0.1232	0.2036	0.5221	0.1351	0.9721	0.1852	0.6534	0.6915	0.1764	0.9654	0.3645	0.1155	0.5457	0.4815	0.9046	0.0852	0.9522	0.7346	0.1727	0.6746

TABLE 1 *Continued*

Row	Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
201	0.9119	0.4293	0.6792	0.2999	0.3584	0.7300	0.5458	0.0271	0.5643	0.1170	0.6342	0.8512	0.9305	0.5738	0.2850	0.2802	0.8916	0.0807	0.5119	0.3183
202	0.2886	0.7696	0.5313	0.2331	0.3708	0.4760	0.5041	0.8566	0.4182	0.9270	0.6988	0.1638	0.0307	0.6336	0.5722	0.7492	0.8437	0.4891	0.8453	0.5554
203	0.7437	0.6531	0.7216	0.7706	0.4732	0.0914	0.4113	0.3539	0.7764	0.2242	0.9991	0.9499	0.1112	0.8568	0.9593	0.2135	0.6854	0.9850	0.6573	0.8358
204	0.0032	0.0018	0.4187	0.5930	0.1304	0.4653	0.8710	0.5745	0.9989	0.2140	0.3529	0.3510	0.2104	0.8386	0.4386	0.6145	0.6073	0.1434	0.0900	0.2295
205	0.5283	0.2365	0.6672	0.8411	0.6681	0.5656	0.1303	0.8724	0.0311	0.2060	0.4301	0.7961	0.6952	0.2733	0.3997	0.8122	0.2359	0.2097	0.5414	0.1607
206	0.8930	0.4504	0.8226	0.3714	0.0894	0.2915	0.5226	0.8040	0.4948	0.6242	0.4142	0.9346	0.7198	0.1589	0.2660	0.3335	0.8978	0.7984	0.0887	0.1723
207	0.5594	0.6935	0.1674	0.5683	0.4355	0.8670	0.1758	0.1223	0.6049	0.2426	0.6579	0.7318	0.5344	0.3064	0.6115	0.2842	0.2766	0.8528	0.7808	0.3587
208	0.2248	0.1139	0.7172	0.6314	0.4525	0.4535	0.6747	0.2498	0.3259	0.8015	0.7436	0.3190	0.9100	0.6376	0.6454	0.0936	0.6507	0.8677	0.0429	0.1980
209	0.9949	0.2098	0.4738	0.2294	0.9879	0.1823	0.5198	0.0129	0.4565	0.4282	0.3797	0.6141	0.0379	0.6257	0.7627	0.5814	0.0249	0.0317	0.6138	0.4134
210	0.5662	0.3115	0.9316	0.7762	0.6105	0.3470	0.7159	0.7301	0.6788	0.1729	0.1365	0.1768	0.6316	0.0092	0.9479	0.3134	0.8251	0.2547	0.7127	0.0523
211	0.5887	0.3992	0.6635	0.0415	0.1641	0.0985	0.0933	0.0286	0.4209	0.8657	0.3284	0.0536	0.3567	0.0980	0.1804	0.9246	0.3343	0.7988	0.6029	0.9768
212	0.4445	0.2958	0.0974	0.0404	0.8182	0.6838	0.3251	0.0977	0.6637	0.9146	0.8125	0.8149	0.8106	0.9717	0.1696	0.7907	0.1534	0.6497	0.4082	0.6651
213	0.5642	0.3352	0.2595	0.2898	0.7572	0.8682	0.4753	0.4156	0.0408	0.6607	0.5273	0.4217	0.0437	0.4111	0.5035	0.0786	0.9264	0.5591	0.9230	0.6574
214	0.3075	0.8731	0.7732	0.8500	0.4421	0.1333	0.0201	0.2810	0.9335	0.0284	0.4392	0.3619	0.1531	0.5219	0.3291	0.5126	0.6967	0.7640	0.1746	0.4306
215	0.0028	0.6090	0.4556	0.3772	0.2379	0.6326	0.2376	0.9590	0.9691	0.9518	0.7622	0.6784	0.0817	0.3537	0.1347	0.5984	0.9437	0.8923	0.5331	0.2101
216	0.5924	0.2175	0.5214	0.7160	0.7360	0.1713	0.3626	0.8297	0.9136	0.8154	0.8963	0.9353	0.5183	0.9111	0.8192	0.6246	0.2291	0.1218	0.1419	0.4957
217	0.2790	0.6268	0.0393	0.4783	0.9964	0.6276	0.5195	0.4877	0.3549	0.3585	0.0901	0.1457	0.0534	0.9092	0.2662	0.3896	0.4574	0.1775	0.1258	0.9897
218	0.5917	0.4511	0.9900	0.7482	0.9022	0.8914	0.4021	0.7704	0.3703	0.7249	0.8809	0.9072	0.9626	0.7291	0.0893	0.1692	0.4643	0.6265	0.8576	0.2421
219	0.3429	0.0889	0.5088	0.6207	0.4056	0.9405	0.4324	0.5765	0.2508	0.5497	0.3147	0.9456	0.5543	0.8539	0.3845	0.9333	0.4685	0.0002	0.9909	0.3639
220	0.2424	0.5420	0.1448	0.8705	0.4834	0.9115	0.4157	0.5352	0.5655	0.7898	0.7521	0.3345	0.0617	0.4328	0.4776	0.3604	0.8785	0.0859	0.2461	0.4452
221	0.5297	0.3650	0.4777	0.8553	0.2073	0.4883	0.0512	0.5047	0.0683	0.4121	0.2161	0.8482	0.1939	0.0951	0.7441	0.0703	0.1305	0.2414	0.8669	0.0461
222	0.4013	0.7179	0.8521	0.0228	0.7755	0.2714	0.4344	0.1070	0.4170	0.5490	0.0660	0.9595	0.0342	0.4429	0.1861	0.2936	0.7708	0.2068	0.1198	0.4745
223	0.1553	0.1159	0.4986	0.2677	0.0678	0.2301	0.5495	0.9596	0.6553	0.3199	0.1163	0.4222	0.8524	0.9205	0.8822	0.5441	0.8502	0.1117	0.0293	0.0315
224	0.3078	0.9910	0.2030	0.5335	0.4924	0.7833	0.0969	0.7397	0.6435	0.4640	0.2775	0.0035	0.6530	0.0157	0.0765	0.0040	0.5954	0.1407	0.5270	0.8242
225	0.9996	0.2959	0.0631	0.8892	0.5064	0.6841	0.4989	0.9349	0.7133	0.3340	0.1863	0.7930	0.7765	0.0484	0.3526	0.3285	0.8031	0.1505	0.8867	0.9414
226	0.1836	0.7493	0.5966	0.1287	0.3033	0.8337	0.9998	0.3548	0.3833	0.3920	0.0199	0.5243	0.9709	0.5613	0.5844	0.7513	0.0161	0.3740	0.3038	0.1345
227	0.2837	0.4502	0.1958	0.9684	0.8585	0.3583	0.4769	0.3690	0.5593	0.0544	0.3148	0.7479	0.7035	0.9394	0.2232	0.2695	0.6892	0.0746	0.6243	0.1630
228	0.2273	0.5209	0.0375	0.8623	0.2711	0.0906	0.7005	0.7594	0.6443	0.9427	0.1983	0.2350	0.1088	0.9432	0.4184	0.7689	0.9796	0.7329	0.9224	0.3178
229	0.1916	0.8788	0.1773	0.9574	0.0664	0.4523	0.2712	0.6687	0.7652	0.1549	0.8581	0.6618	0.1437	0.3421	0.1879	0.7683	0.5819	0.8282	0.2224	0.9339
230	0.0401	0.2169	0.6131	0.1757	0.8051	0.6218	0.5646	0.7483	0.7595	0.9764	0.4337	0.1833	0.5550	0.0770	0.8605	0.5075	0.6900	0.5354	0.3663	0.4360
231	0.5369	0.9410	0.3330	0.5077	0.6700	0.5616	0.9354	0.2258	0.5854	0.1841	0.5640	0.0926	0.5002	0.6462	0.3436	0.9665	0.3235	0.9597	0.8054	0.5481
232	0.0443	0.6510	0.6571	0.7562	0.4710	0.5247	0.2035	0.5085	0.9604	0.8799	0.2674	0.3334	0.7263	0.5557	0.5617	0.8438	0.8696	0.3129	0.8878	0.5666
233	0.6335	0.8197	0.9865	0.8968	0.1315	0.8092	0.4978	0.0956	0.1576	0.0732	0.0170	0.7283	0.8214	0.0594	0.1273	0.6628	0.5831	0.4172	0.0061	0.9636
234	0.4470	0.4590	0.8709	0.0357	0.3297	0.2904	0.8074	0.1908	0.0554	0.6282	0.0816	0.0151	0.8613	0.7481	0.9323	0.8334	0.4206	0.8879	0.5186	0.1743
235	0.3071	0.0126	0.3778	0.6706	0.7792	0.4572	0.0232	0.9369	0.2563	0.0947	0.7046	0.1656	0.2553	0.8678	0.3793	0.5824	0.1525	0.7399	0.9197	0.8850
236	0.0070	0.6099	0.7598	0.9325	0.6238	0.3884	0.1055	0.8733	0.5949	0.3858	0.7206	0.1541	0.3413	0.7507	0.2702	0.9653	0.3252	0.5595	0.9367	0.5783
237	0.5104	0.7074	0.9202	0.0110	0.0783	0.6684	0.8994	0.8793	0.6693	0.9431	0.6036	0.5052	0.0396	0.2198	0.2077	0.2126	0.1763	0.7621	0.8264	0.8543
238	0.4297	0.8364	0.1359	0.3737	0.7635	0.8376	0.1643	0.0949	0.8861	0.6861	0.0426	0.2398	0.0609	0.5953	0.4850	0.1241	0.0168	0.6390	0.0566	0.5411
239	0.3479	0.0828	0.0158	0.8719	0.8286	0.7076	0.2651	0.6863	0.4076	0.5730	0.4823	0.9642	0.1194	0.4721	0.8316	0.7893	0.7240	0.9398	0.3748	0.5956
240	0.4169	0.2032	0.5538	0.1710	0.2268	0.1360	0.5830	0.9950	0.3937	0.5069	0.0879	0.5855	0.6522	0.7353	0.1090	0.9733	0.8049	0.2435	0.1636	0.5357
241	0.7693	0.3388	0.3505	0.1741	0.8634	0.1381	0.0656	0.9125	0.0123	0.2597	0.4435	0.8279	0.5539	0.6389	0.8912	0.5006	0.4901	0.2137	0.1965	0.8513
242	0.2045	0.8919	0.5834	0.7698	0.2997	0.5165	0.2394	0.0399	0.1925	0.2118	0.4179	0.7215	0.3100	0.6611	0.1214	0.9155	0.0611	0.0128	0.4681	0.1969
243	0.9526	0.5365	0.6480	0.3770	0.3263	0.7164	0.4542	0.0569	0.2050	0.4115	0.7670	0.1250	0.6151	0.7920	0.0221	0.2614	0.9861	0.2495	0.6686	0.4200
244	0.3641	0.7376	0.1132	0.6771	0.7339	0.3034	0.5548	0.5491	0.1805	0.5978	0.5025	0.1820	0.0127	0.5063	0.0882	0.4830	0.0545	0.5867	0.3254	0.9725
245	0.8464	0.5361	0.7995	0.7289	0.9953	0.8008	0.7952	0.7226	0.7522	0.5419	0.4674	0.0819	0.0139	0.2679	0.9728	0.8671	0.8929	0.0189	0.0642	0.2605
246	0.9199	0.3831	0.2183	0.9516	0.0670	0.1599	0.9592	0.0469	0.3146	0.8932	0.0220	0.4067	0.7916	0.2932	0.5456	0.4325	0.7260	0.5347	0.4296	0.1162
247	0.5674	0.5596	0.8530	0.3524	0.5422	0.3861	0.1404	0.0813	0.8034	0.7269	0.3399	0.6659	0.5450	0.9841	0.2531	0.3634	0.9734	0.5360	0.5026	0.5913
248	0.8042	0.7182	0.2061	0.2372	0.3095	0.2283	0.8300	0.8918	0.6875	0.0004	0.6588	0.0280	0.8312	0.2749	0.1054	0.0230	0.8332	0.1479	0.4848	0.9847
249	0.9419	0.8340	0.9622	0.4750	0.1538	0.2902	0.0309	0.1855	0.4868	0.9242	0.9770	0.0181	0.3962	0.0835	0.0742	0.4741	0.5535	0.3885	0.7566	0.4499
250	0.4164	0.0970	0.6810	0.7758	0.9581	0.6533	0.0923	0.4731	0.9805	0.0939	0.3475	0.4600	0.2084	0.5906	0.9112	0.3956	0.9165	0.4077	0.5785	0.9687

TABLE 1 *Continued*

Row	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
251	0.2841	0.3120	0.0854	0.1506	0.4784	0.3699	0.4638	0.1353	0.7299	0.4555	0.6286	0.5464	0.2719	0.9772	0.4992	0.8695	0.2644	0.0633	0.2503	0.1489
252	0.0981	0.8742	0.5969	0.2216	0.1530	0.9150	0.8144	0.8680	0.8413	0.6928	0.0350	0.8006	0.9608	0.4663	0.0155	0.7750	0.9036	0.6426	0.0463	0.4712
253	0.4844	0.8794	0.3493	0.1537	0.2884	0.5267	0.6329	0.1497	0.4626	0.2814	0.9746	0.7323	0.3985	0.3817	0.8984	0.5628	0.8469	0.6446	0.5806	0.3635
254	0.4974	0.7582	0.6010	0.3418	0.6516	0.9020	0.4318	0.6354	0.7840	0.7825	0.5868	0.3082	0.9610	0.8802	0.1784	0.1927	0.8529	0.5699	0.7577	0.0188
255	0.6013	0.5687	0.7223	0.3812	0.5242	0.9840	0.7722	0.6365	0.3266	0.0892	0.6245	0.6956	0.1358	0.6698	0.5927	0.4991	0.5767	0.9859	0.4813	0.6868
256	0.3504	0.2464	0.0474	0.7328	0.2113	0.2284	0.9306	0.1897	0.2441	0.7543	0.5645	0.3673	0.2883	0.6540	0.4825	0.6327	0.7150	0.8516	0.3818	0.6661
257	0.9255	0.2686	0.6605	0.4536	0.9611	0.0450	0.8801	0.6827	0.2729	0.7228	0.9674	0.3765	0.4512	0.8620	0.6933	0.3651	0.9294	0.4049	0.8967	0.5608
258	0.1329	0.2652	0.2509	0.0735	0.1243	0.4359	0.0347	0.3862	0.5467	0.8345	0.2051	0.7366	0.6018	0.3742	0.7875	0.4761	0.9009	0.7176	0.3308	0.8875
259	0.8915	0.3757	0.7605	0.9699	0.7929	0.5124	0.5511	0.2818	0.0657	0.3888	0.3954	0.7931	0.6438	0.1507	0.3996	0.1567	0.7524	0.8434	0.1443	0.7034
260	0.2869	0.2829	0.4240	0.3080	0.3860	0.4987	0.0591	0.1045	0.3599	0.2888	0.4835	0.8786	0.2189	0.1668	0.6987	0.0471	0.4810	0.8826	0.2587	0.3466
261	0.2278	0.2868	0.9106	0.7752	0.5712	0.5504	0.8186	0.5244	0.3117	0.3226	0.9634	0.6922	0.9586	0.5028	0.2942	0.4802	0.1120	0.3159	0.0775	0.6742
262	0.6347	0.6278	0.7965	0.8542	0.6612	0.4399	0.6163	0.0156	0.2979	0.2989	0.8860	0.2769	0.0778	0.6489	0.7671	0.9537	0.8135	0.3152	0.9627	0.3469
263	0.4596	0.7099	0.3603	0.0868	0.0413	0.1141	0.3417	0.1426	0.5031	0.2982	0.7001	0.0036	0.0001	0.4251	0.9759	0.7978	0.4886	0.7803	0.4261	0.5534
264	0.2218	0.1111	0.8011	0.3113	0.0690	0.2909	0.3220	0.3554	0.1942	0.3288	0.8009	0.5274	0.8258	0.7637	0.3594	0.8268	0.8676	0.2225	0.6004	0.7585
265	0.8995	0.3112	0.4516	0.7854	0.7827	0.2066	0.0737	0.5468	0.7559	0.7602	0.6896	0.0913	0.4366	0.9498	0.3682	0.9917	0.1997	0.5835	0.9875	0.1239
266	0.8444	0.4995	0.5170	0.1324	0.6529	0.3813	0.6366	0.7237	0.2892	0.5345	0.5974	0.5287	0.6356	0.6496	0.7744	0.0490	0.1442	0.0439	0.2063	0.7586
267	0.9778	0.2380	0.4440	0.5312	0.2006	0.9188	0.8950	0.5168	0.8157	0.9831	0.9132	0.5492	0.5208	0.1015	0.0332	0.6350	0.6942	0.6015	0.0191	0.5567
268	0.1772	0.2991	0.2233	0.4305	0.0935	0.4740	0.9162	0.1524	0.5074	0.6165	0.2420	0.7221	0.0784	0.3275	0.2753	0.3721	0.8684	0.1500	0.8441	0.5477
269	0.0177	0.7321	0.5161	0.2723	0.2838	0.0917	0.1017	0.8269	0.0412	0.5719	0.6645	0.9934	0.6569	0.6829	0.9345	0.3847	0.4645	0.7343	0.2120	0.1188
270	0.6362	0.1496	0.4002	0.4630	0.2318	0.8291	0.8849	0.7729	0.0308	0.2499	0.5684	0.7537	0.7089	0.8023	0.9584	0.7430	0.2647	0.3406	0.9504	0.5173
271	0.6348	0.9698	0.2521	0.4378	0.2552	0.2573	0.7170	0.3804	0.1244	0.6760	0.9963	0.7530	0.2090	0.0160	0.3953	0.2370	0.6759	0.9945	0.0942	0.2740
272	0.0888	0.3010	0.0695	0.4567	0.8452	0.4580	0.0862	0.2196	0.9638	0.1242	0.1152	0.4563	0.6676	0.5515	0.6095	0.0442	0.7087	0.6648	0.1857	0.5524
273	0.6812	0.2882	0.4083	0.4432	0.3968	0.4071	0.0872	0.5573	0.6225	0.4005	0.1512	0.6769	0.8244	0.5582	0.6968	0.1484	0.7355	0.4341	0.2383	0.4941
274	0.6358	0.9175	0.5307	0.5239	0.1414	0.5871	0.4817	0.3277	0.2824	0.7264	0.5505	0.2204	0.1869	0.7098	0.4039	0.6977	0.2973	0.2699	0.9402	0.3638
275	0.4983	0.4207	0.6302	0.3729	0.4505	0.4149	0.3191	0.7308	0.4300	0.2147	0.7078	0.3318	0.2853	0.1431	0.4036	0.3535	0.6201	0.2309	0.8883	0.7468
276	0.1290	0.8779	0.8964	0.4143	0.5453	0.9726	0.0364	0.7336	0.3236	0.7218	0.0077	0.0979	0.0331	0.3946	0.9145	0.9580	0.9864	0.6609	0.8448	0.6842
277	0.5301	0.0337	0.7398	0.3700	0.3948	0.6539	0.6367	0.0628	0.3131	0.8172	0.7357	0.7855	0.5212	0.3573	0.4332	0.3098	0.3003	0.2109	0.4314	0.9435
278	0.0707	0.8732	0.1905	0.6860	0.1871	0.2539	0.3256	0.2807	0.3612	0.4442	0.1975	0.0093	0.6959	0.6085	0.2182	0.4620	0.6856	0.4711	0.6748	0.9923
279	0.8662	0.0940	0.7282	0.7125	0.7506	0.7331	0.5318	0.3815	0.3311	0.8397	0.6317	0.3182	0.9114	0.0003	0.7821	0.5197	0.8746	0.6493	0.3911	0.3530
280	0.8846	0.4427	0.3580	0.2963	0.8774	0.8907	0.4899	0.9108	0.3596	0.4955	0.7730	0.4704	0.0419	0.8389	0.0600	0.9029	0.1707	0.8768	0.5423	0.1774
281	0.8761	0.4897	0.8326	0.0551	0.8578	0.0402	0.6800	0.5054	0.1898	0.8508	0.8839	0.6762	0.2967	0.1881	0.2008	0.7032	0.3488	0.0532	0.9514	0.2392
282	0.3547	0.0636	0.4571	0.8642	0.2202	0.7485	0.5272	0.1255	0.5092	0.1129	0.9842	0.4126	0.0957	0.2670	0.2206	0.4253	0.4920	0.4285	0.2274	0.7262
283	0.3955	0.3197	0.5981	0.1864	0.6654	0.5584	0.9266	0.6970	0.2489	0.4453	0.2558	0.7402	0.1646	0.0144	0.1400	0.9512	0.1459	0.1297	0.8155	0.2645
284	0.8446	0.4594	0.0424	0.9789	0.7276	0.1385	0.4672	0.9191	0.4583	0.8751	0.1819	0.9244	0.4299	0.2950	0.5056	0.0938	0.2830	0.8272	0.7460	0.1260
285	0.9794	0.5688	0.9547	0.4786	0.6055	0.3044	0.1205	0.3222	0.1209	0.0897	0.9301	0.8483	0.1678	0.6824	0.1919	0.3274	0.6855	0.5985	0.7992	0.6285
286	0.6396	0.1143	0.4699	0.4678	0.1376	0.0643	0.6194	0.8688	0.9149	0.0650	0.1230	0.2969	0.8817	0.6504	0.8511	0.1552	0.1179	0.5405	0.4363	0.3300
287	0.4881	0.4012	0.3046	0.2307	0.8783	0.1629	0.7461	0.6221	0.4178	0.6714	0.6960	0.3878	0.3374	0.4450	0.6843	0.9059	0.6197	0.1915	0.3347	0.4824
288	0.4658	0.4833	0.0713	0.1047	0.6313	0.8047	0.8348	0.8120	0.9815	0.8957	0.7653	0.2013	0.3091	0.7724	0.1878	0.6498	0.0728	0.0603	0.6447	0.1018
289	0.8022	0.7344	0.2598	0.6360	0.6399	0.8123	0.5700	0.0345	0.0929	0.6541	0.4622	0.1569	0.1393	0.9710	0.1043	0.7273	0.9030	0.2412	0.9283	0.9416
290	0.2918	0.4381	0.2771	0.9533	0.6688	0.7472	0.2765	0.7826	0.6995	0.2839	0.6836	0.4348	0.7973	0.2988	0.1075	0.5263	0.1738	0.2604	0.1270	0.8394
291	0.6210	0.1486	0.4789	0.5576	0.1447	0.5661	0.1309	0.9207	0.4486	0.9093	0.9383	0.4484	0.7849	0.3189	0.0592	0.7439	0.2852	0.4009	0.1712	0.9606
292	0.7030	0.5175	0.2933	0.3030	0.7155	0.0762	0.8989	0.4605	0.8463	0.3445	0.2413	0.5172	0.8699	0.0580	0.6116	0.3489	0.7478	0.7777	0.4420	0.2428
293	0.6546	0.1201	0.7442	0.0995	0.3494	0.4988	0.3514	0.5957	0.3393	0.1722	0.3490	0.3467	0.2345	0.5241	0.4491	0.6222	0.4338	0.7985	0.2607	0.4742
294	0.0509	0.2804	0.4376	0.9363	0.1640	0.0449	0.7233	0.4286	0.5277	0.0363	0.0529	0.7475	0.4212	0.9485	0.0382	0.2406	0.7463	0.8479	0.6046	0.5803
295	0.3387	0.9178	0.1106	0.8080	0.1902	0.2993	0.3706	0.0054	0.4384	0.2792	0.5611	0.8309	0.6069	0.2142	0.6584	0.4060	0.0298	0.6691	0.6786	0.8902
296	0.7225	0.3566	0.9802	0.1844	0.1439	0.8158	0.7445	0.3964	0.2018	0.4818	0.0329	0.6744	0.2817	0.3136	0.8420	0.1605	0.3050	0.1779	0.7968	0.1785
297	0.4139	0.6461	0.6391	0.4547	0.1469	0.3652	0.2468	0.3973	0.9418	0.1383	0.4985	0.6866	0.9438	0.7576	0.6828	0.4619	0.3081	0.7341	0.7852	0.3483
298	0.1248	0.8632	0.2742	0.9978	0.7790	0.3783	0.7812	0.9527	0.2332	0.6363	0.5901	0.2834	0.8475	0.7175	0.5500	0.0037	0.5579	0.0975	0.6161	0.1185
299	0.0635	0.8137	0.3821	0.8890	0.6715	0.4714	0.0781	0.1196	0.4632	0.3331	0.1616	0.5888	0.7946	0.9550	0.8449	0.3066	0.7045	0.9061	0.8490	0.6805
300	0.9116	0.4829	0.0672	0.4371	0.4467	0.7401	0.6377	0.9027	0.0874	0.2033	0.8487	0.3774	0.0932	0.5093	0.5190	0.6614	0.8873	0.7954	0.9750	0.1007

TABLE 1 *Continued*

	Column																			
Row	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
301	0.8887	0.1755	0.9619	0.3450	0.8189	0.9080	0.1954	0.9332	0.1377	0.5893	0.1913	0.1815	0.2219	0.0257	0.9708	0.8075	0.4272	0.6739	0.8036	0.1813
302	0.4460	0.8622	0.1634	0.8035	0.5151	0.6781	0.6012	0.0961	0.8949	0.4278	0.5137	0.5262	0.9738	0.5560	0.6019	0.5097	0.0095	0.9833	0.1184	0.7938
303	0.5805	0.0253	0.0115	0.8447	0.4358	0.0734	0.7503	0.4259	0.5813	0.1240	0.1224	0.1430	0.1715	0.9213	0.8110	0.7174	0.6740	0.8833	0.2186	0.3625
304	0.7606	0.7674	0.5908	0.4648	0.0430	0.4890	0.7578	0.3282	0.7974	0.6195	0.7630	0.3763	0.6503	0.1370	0.9792	0.4291	0.5193	0.0344	0.5740	0.9476
305	0.5285	0.8725	0.1406	0.4507	0.6118	0.7678	0.2069	0.6899	0.9539	0.3525	0.1302	0.6886	0.7588	0.5484	0.2593	0.2176	0.9258	0.9823	0.8079	0.2316
306	0.3849	0.1663	0.9471	0.6471	0.0394	0.4782	0.2480	0.8499	0.6636	0.3304	0.7036	0.7134	0.0752	0.4666	0.2038	0.1551	0.8791	0.7458	0.8579	0.5426
307	0.0822	0.9157	0.6233	0.7126	0.3443	0.7177	0.7039	0.1472	0.2230	0.1251	0.8082	0.2417	0.8764	0.6270	0.5729	0.0159	0.8193	0.9566	0.8720	0.6974
308	0.2569	0.1734	0.1959	0.7222	0.6388	0.5386	0.7042	0.1709	0.4197	0.7760	0.9389	0.8683	0.4133	0.2132	0.7877	0.7924	0.8953	0.0148	0.6011	0.1264
309	0.8037	0.6600	0.7495	0.2764	0.0211	0.1424	0.4894	0.9006	0.5376	0.1068	0.3591	0.7100	0.9429	0.5599	0.1467	0.2624	0.6260	0.4575	0.2023	0.5718
310	0.1697	0.0122	0.2799	0.6834	0.1637	0.8865	0.5132	0.5841	0.5514	0.6704	0.2996	0.8460	0.6993	0.8038	0.1300	0.0290	0.9678	0.7421	0.3513	0.5929
311	0.9846	0.6177	0.9408	0.3322	0.7400	0.8700	0.6891	0.1659	0.0983	0.6370	0.3754	0.6002	0.8830	0.5099	0.1601	0.3981	0.9857	0.2469	0.0925	0.9377
312	0.9170	0.6708	0.6511	0.8944	0.5842	0.3642	0.6152	0.8740	0.0811	0.2964	0.9838	0.5564	0.0475	0.1700	0.7934	0.3424	0.5081	0.5160	0.4768	0.3255
313	0.3990	0.9914	0.7313	0.7052	0.7419	0.4334	0.5920	0.5390	0.0418	0.5233	0.0024	0.5359	0.8472	0.9990	0.0759	0.6888	0.9019	0.4461	0.4677	0.6217
314	0.4963	0.3726	0.4342	0.8343	0.2897	0.6932	0.4706	0.7501	0.2171	0.1504	0.0954	0.8209	0.0756	0.8535	0.6283	0.5412	0.3592	0.9822	0.0773	0.3196
315	0.1368	0.0348	0.0380	0.6754	0.3991	0.3967	0.3321	0.5895	0.4106	0.2663	0.8756	0.5695	0.5037	0.2992	0.3814	0.2255	0.8349	0.8889	0.2091	0.6774
316	0.2528	0.6966	0.1145	0.1037	0.5258	0.6430	0.4905	0.2625	0.7385	0.4390	0.1631	0.0595	0.9203	0.8238	0.4938	0.2805	0.3501	0.5657	0.9845	0.4999
317	0.8627	0.6874	0.3735	0.4193	0.8602	0.8523	0.0372	0.8885	0.5432	0.3808	0.1684	0.2940	0.0578	0.1829	0.1963	0.1718	0.5618	0.2666	0.8866	0.2170
318	0.2212	0.7274	0.4221	0.1416	0.5967	0.9754	0.9448	0.4581	0.4053	0.8604	0.5005	0.5502	0.7727	0.5265	0.7255	0.8536	0.0661	0.4839	0.5690	0.0850
319	0.8510	0.7782	0.2040	0.1520	0.4057	0.5723	0.6679	0.8200	0.6477	0.5934	0.3145	0.0089	0.6353	0.5928	0.0710	0.9820	0.3762	0.5230	0.5225	0.4202
320	0.6380	0.4807	0.2791	0.0768	0.7590	0.0385	0.3465	0.5057	0.7897	0.6586	0.6749	0.8314	0.9941	0.6448	0.4684	0.1197	0.1294	0.5597	0.4122	0.5304
321	0.5879	0.1053	0.9615	0.4879	0.3784	0.7277	0.5278	0.7913	0.4419	0.7888	0.7757	0.6158	0.2473	0.5804	0.1123	0.4020	0.1565	0.9292	0.6308	0.2635
322	0.6103	0.0048	0.3891	0.0104	0.8606	0.7246	0.1292	0.5724	0.7295	0.3203	0.7634	0.4896	0.5671	0.3906	0.9804	0.9062	0.7570	0.4865	0.6857	0.9176
323	0.4493	0.0764	0.0006	0.7370	0.8824	0.8243	0.4713	0.2292	0.6578	0.3391	0.3972	0.1059	0.3087	0.4303	0.9731	0.4907	0.4398	0.9866	0.1349	0.7774
324	0.8505	0.7878	0.1970	0.2542	0.7949	0.7499	0.1391	0.5918	0.7205	0.5100	0.9697	0.2611	0.7093	0.0962	0.6568	0.0047	0.3140	0.5818	0.8194	0.2801
325	0.9649	0.0519	0.0250	0.0478	0.5947	0.9031	0.0815	0.6908	0.1536	0.4821	0.5003	0.1279	0.7759	0.3646	0.2949	0.5900	0.6216	0.7950	0.1285	0.4828
326	0.4518	0.7188	0.0346	0.0833	0.6433	0.7200	0.4211	0.2545	0.9984	0.6787	0.1429	0.0648	0.1602	0.3949	0.7287	0.6005	0.7359	0.4874	0.2613	0.3750
327	0.1036	0.6234	0.8407	0.9126	0.7019	0.8656	0.4034	0.1840	0.8971	0.5857	0.2650	0.6904	0.7515	0.0264	0.8117	0.9743	0.7024	0.3760	0.6263	0.4380
328	0.0616	0.4191	0.2251	0.3201	0.9337	0.4914	0.7933	0.8590	0.8287	0.6439	0.7754	0.5822	0.7298	0.8771	0.7470	0.7031	0.6178	0.0079	0.1211	0.2591
329	0.6572	0.9184	0.2241	0.8236	0.3606	0.9511	0.2168	0.1444	0.5793	0.9651	0.5621	0.1454	0.3661	0.5520	0.7384	0.8313	0.0597	0.8810	0.1587	0.7623
330	0.6470	0.7686	0.4857	0.9096	0.5018	0.8533	0.3202	0.2102	0.1308	0.1582	0.1044	0.3698	0.9920	0.0776	0.1080	0.6008	0.2510	0.9211	0.9200	0.0252
331	0.9620	0.7540	0.3969	0.1922	0.8456	0.6437	0.8706	0.8068	0.5127	0.0844	0.9655	0.9000	0.3745	0.9147	0.9374	0.2446	0.8253	0.5764	0.7128	0.3676
332	0.2158	0.8832	0.6156	0.8341	0.1528	0.2899	0.4489	0.7201	0.6355	0.0086	0.5715	0.3109	0.0172	0.9906	0.4717	0.9328	0.3734	0.8789	0.2977	0.9277
333	0.5087	0.0341	0.6485	0.2726	0.4940	0.8881	0.7487	0.7380	0.8415	0.2012	0.1058	0.7691	0.2561	0.4729	0.3106	0.8159	0.3316	0.6877	0.7959	0.4118
334	0.0681	0.1480	0.3929	0.1034	0.8836	0.0528	0.5615	0.9528	0.7117	0.3474	0.4214	0.0083	0.9142	0.9475	0.8311	0.1115	0.1387	0.2554	0.4849	0.5704
335	0.2617	0.4037	0.5107	0.3998	0.0567	0.6414	0.6741	0.5275	0.3486	0.4749	0.6946	0.9069	0.2951	0.5415	0.4028	0.9257	0.9490	0.5296	0.0614	0.9671
336	0.1307	0.1319	0.7912	0.2694	0.5970	0.0543	0.6294	0.1985	0.5637	0.3743	0.2082	0.9852	0.2881	0.0276	0.2961	0.0195	0.4199	0.4539	0.6726	0.9609
337	0.0386	0.0227	0.1213	0.2618	0.8151	0.7884	0.7587	0.5048	0.2138	0.1490	0.2027	0.1799	0.5533	0.6556	0.7941	0.2684	0.4096	0.4926	0.5988	0.8428
338	0.3060	0.9786	0.4161	0.5334	0.1953	0.3279	0.1487	0.5750	0.0869	0.6351	0.0997	0.4469	0.8641	0.7017	0.8327	0.7185	0.4103	0.5743	0.8643	0.3963
339	0.0198	0.6024	0.7387	0.1187	0.8466	0.0243	0.3449	0.8002	0.2387	0.8945	0.5379	0.0087	0.0716	0.3894	0.0758	0.8398	0.4062	0.8689	0.7110	0.1987
340	0.5620	0.4746	0.1335	0.2594	0.4086	0.7476	0.7092	0.3260	0.5118	0.6794	0.2039	0.7199	0.0176	0.1042	0.3718	0.6104	0.1337	0.0140	0.5418	0.8143
341	0.8615	0.1182	0.3333	0.1390	0.8941	0.8207	0.8616	0.4806	0.0291	0.3315	0.4195	0.8567	0.7838	0.1440	0.5648	0.7113	0.5677	0.3711	0.4233	0.3383
342	0.0944	0.6417	0.6321	0.9997	0.1077	0.9795	0.6208	0.2017	0.4889	0.5206	0.3042	0.5678	0.5925	0.4660	0.8842	0.1744	0.5512	0.3210	0.9084	0.9524
343	0.5717	0.5892	0.2840	0.7090	0.4185	0.7356	0.6719	0.0075	0.9870	0.7369	0.7041	0.7358	0.2622	0.6925	0.6098	0.4911	0.7541	0.8998	0.4656	0.8004
344	0.6971	0.0579	0.1811	0.9412	0.9254	0.0996	0.9689	0.3550	0.2878	0.4599	0.2146	0.7158	0.9208	0.1137	0.6315	0.8797	0.9830	0.0051	0.7422	0.4140
345	0.0395	0.0421	0.6751	0.6449	0.5721	0.9311	0.0507	0.4078	0.7519	0.8498	0.7064	0.5235	0.4311	0.7749	0.4477	0.0937	0.0697	0.2609	0.5375	0.9777
346	0.0440	0.6041	0.5537	0.3104	0.6640	0.4862	0.7561	0.6293	0.1028	0.6633	0.0966	0.7791	0.7044	0.6591	0.7214	0.5577	0.6994	0.1091	0.4586	0.4858
347	0.7793	0.4151	0.5489	0.0571	0.1884	0.5836	0.1917	0.2639	0.1024	0.0312	0.7069	0.7097	0.2166	0.6312	0.2851	0.4692	0.8674	0.0624	0.8925	0.7187
348	0.0196	0.9603	0.9338	0.6087	0.4031	0.0031	0.5982	0.1789	0.4979	0.6320	0.2386	0.1361	0.2397	0.2844	0.3169	0.4709	0.8467	0.9423	0.4289	0.7417
349	0.1564	0.8921	0.5210	0.0055	0.3223	0.1705	0.6411	0.5399	0.5288	0.9739	0.5866	0.5252	0.0096	0.6961	0.8254	0.9196	0.4497	0.7728	0.7386	0.4204
350	0.2072	0.9243	0.3312	0.2661	0.0260	0.9762	0.2244	0.7142	0.2556	0.8714	0.9079	0.1121	0.5797	0.9010	0.0593	0.9742	0.4107	0.5916	0.7672	0.2543

TABLE 1 *Continued*

Row	Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
351	0.0246	0.4772	0.8164	0.8653	0.2405	0.8461	0.4736	0.3746	0.2041	0.0282	0.6230	0.6567	0.9749	0.9195	0.7105	0.6007	0.5899	0.3022	0.7532	0.0780
352	0.2665	0.5337	0.5140	0.2626	0.4853	0.5434	0.1890	0.7320	0.8655	0.3204	0.6716	0.2106	0.4637	0.4969	0.4329	0.1157	0.2483	0.7549	0.0508	0.2648
353	0.5598	0.9317	0.9880	0.5499	0.4652	0.2360	0.2688	0.4930	0.9947	0.0745	0.5033	0.5859	0.0094	0.8903	0.2226	0.4284	0.2078	0.7583	0.9364	0.4841
354	0.6937	0.0459	0.4058	0.1511	0.8115	0.7617	0.6941	0.6924	0.8402	0.8577	0.9087	0.4412	0.5191	0.3984	0.0141	0.9578	0.6768	0.0174	0.9215	0.6999
355	0.6066	0.9342	0.6537	0.6187	0.9987	0.1767	0.4402	0.8497	0.1888	0.5038	0.5622	0.3553	0.7868	0.6589	0.2347	0.3987	0.9965	0.0462	0.8574	0.8633
356	0.4546	0.9190	0.1153	0.2649	0.8232	0.7364	0.4307	0.7529	0.2357	0.4557	0.9569	0.6521	0.7906	0.2410	0.0619	0.4451	0.7642	0.4723	0.9589	0.9365
357	0.5402	0.3299	0.2871	0.6468	0.4564	0.8884	0.9237	0.0169	0.3744	0.6460	0.6733	0.6249	0.4051	0.7324	0.7725	0.5158	0.4996	0.7975	0.9955	0.2337
358	0.6982	0.9355	0.7239	0.6287	0.6626	0.0987	0.4975	0.9066	0.3397	0.8837	0.7659	0.8911	0.7254	0.1662	0.3068	0.3827	0.3143	0.9868	0.1988	0.8295
359	0.0920	0.0709	0.3451	0.0477	0.7679	0.0361	0.7095	0.1522	0.3379	0.7925	0.5961	0.2710	0.9140	0.9366	0.4488	0.9967	0.6148	0.6311	0.5995	0.2783
360	0.9013	0.0649	0.8896	0.5330	0.8947	0.4322	0.6524	0.9293	0.1761	0.8355	0.7552	0.0362	0.7121	0.1056	0.3200	0.8090	0.9732	0.0587	0.2107	0.3434
361	0.0846	0.8477	0.9599	0.6780	0.1660	0.8906	0.9028	0.2894	0.5447	0.6562	0.8185	0.8575	0.9535	0.6394	0.8713	0.1882	0.2623	0.9848	0.7416	0.6767
362	0.4725	0.0960	0.1031	0.5948	0.7542	0.4263	0.7443	0.8294	0.1532	0.3515	0.4236	0.4922	0.0041	0.4495	0.8603	0.0704	0.9676	0.6062	0.2164	0.5374
363	0.2585	0.9262	0.0277	0.4224	0.7718	0.4964	0.9336	0.6763	0.4437	0.7304	0.2619	0.2836	0.5762	0.5042	0.5228	0.6634	0.5065	0.5751	0.9446	0.0416
364	0.3338	0.3278	0.3859	0.7383	0.3234	0.7409	0.3179	0.6402	0.3679	0.0902	0.8583	0.3390	0.3795	0.0748	0.7695	0.0792	0.5138	0.0365	0.5788	0.2945
365	0.0222	0.6901	0.3879	0.8981	0.5295	0.0556	0.4800	0.7625	0.0644	0.6083	0.8996	0.0423	0.2629	0.2099	0.2474	0.9290	0.0851	0.8951	0.8156	0.5923
366	0.0310	0.3468	0.2610	0.3940	0.7207	0.1175	0.8693	0.3017	0.8769	0.3213	0.1491	0.4661	0.9276	0.3367	0.8745	0.1384	0.2636	0.6251	0.4831	0.6171
367	0.7010	0.7548	0.4843	0.3870	0.2566	0.5147	0.8840	0.1825	0.5116	0.2065	0.3016	0.3839	0.0727	0.5039	0.2352	0.0870	0.9375	0.5066	0.5017	0.3047
368	0.9004	0.6378	0.4409	0.4468	0.1900	0.7450	0.0491	0.7624	0.9268	0.5073	0.0589	0.2010	0.7154	0.9329	0.6419	0.0219	0.4902	0.1837	0.0409	0.6823
369	0.5254	0.1098	0.6761	0.8730	0.8178	0.7311	0.6135	0.3950	0.6028	0.9951	0.1557	0.4559	0.7365	0.7736	0.9911	0.2341	0.9378	0.8240	0.1086	0.4135
370	0.3728	0.4997	0.0511	0.1949	0.2640	0.8339	0.2995	0.2320	0.9690	0.7297	0.0383	0.2877	0.5153	0.0270	0.1367	0.8142	0.0558	0.1726	0.5406	0.2482
371	0.2055	0.7677	0.0046	0.0497	0.7131	0.1372	0.7232	0.5269	0.0883	0.8426	0.2094	0.5736	0.2917	0.8138	0.7596	0.6883	0.0646	0.1687	0.5840	0.4509
372	0.6264	0.1619	0.0060	0.7413	0.5757	0.3314	0.6527	0.9936	0.4463	0.2748	0.5498	0.0747	0.6458	0.2744	0.6785	0.7726	0.4667	0.3632	0.5694	0.9612
373	0.1846	0.8933	0.3901	0.9465	0.1432	0.1234	0.6252	0.3951	0.1753	0.5459	0.4279	0.8146	0.3701	0.7573	0.5849	0.2111	0.9856	0.5654	0.2076	0.9189
374	0.2627	0.3063	0.7843	0.3799	0.8274	0.9818	0.8105	0.8020	0.5589	0.5455	0.1717	0.5157	0.1754	0.8127	0.9740	0.4068	0.9771	0.2845	0.2946	0.8255
375	0.5051	0.5030	0.2382	0.4601	0.2739	0.8973	0.8109	0.5220	0.2145	0.3452	0.7327	0.9780	0.1001	0.4631	0.7054	0.4177	0.4880	0.1977	0.7135	0.1010
376	0.6639	0.7115	0.5760	0.0153	0.5946	0.5633	0.2925	0.8570	0.3871	0.0886	0.1930	0.3216	0.4703	0.0245	0.2808	0.9156	0.1314	0.3310	0.0464	0.6490
377	0.4650	0.9977	0.2787	0.5380	0.0510	0.5542	0.3281	0.7551	0.9048	0.1509	0.0420	0.2926	0.5396	0.2327	0.2001	0.6255	0.8770	0.6601	0.1667	0.9600
378	0.6722	0.2656	0.4618	0.6368	0.3111	0.4203	0.7496	0.6169	0.3478	0.9265	0.6745	0.4159	0.3569	0.4933	0.7694	0.3079	0.6764	0.8961	0.9051	0.6067
379	0.0623	0.7579	0.4787	0.8637	0.3186	0.0823	0.9896	0.7192	0.5850	0.7151	0.2157	0.4950	0.2523	0.1204	0.7600	0.6631	0.9443	0.0535	0.5294	0.5676
380	0.9168	0.1456	0.0871	0.0651	0.8507	0.8187	0.3090	0.8663	0.8017	0.1089	0.1366	0.8183	0.5180	0.7864	0.4767	0.9839	0.5571	0.5166	0.7486	0.5253
381	0.2856	0.4069	0.1689	0.6604	0.7181	0.2825	0.9894	0.1272	0.7737	0.2201	0.6550	0.4235	0.4085	0.5098	0.0557	0.8478	0.5651	0.4521	0.0679	0.7244
382	0.3913	0.2785	0.8160	0.7189	0.2693	0.8455	0.5705	0.4074	0.7195	0.4372	0.7813	0.3440	0.6068	0.3231	0.2876	0.7497	0.1013	0.0114	0.4820	0.1950
383	0.9267	0.3227	0.2447	0.5706	0.2599	0.1046	0.0946	0.1999	0.2100	0.1113	0.7558	0.0005	0.1271	0.4183	0.4700	0.7799	0.2443	0.5144	0.4537	0.8712
384	0.5281	0.4612	0.8076	0.0877	0.4506	0.6845	0.8560	0.0319	0.9503	0.0192	0.1154	0.5541	0.9640	0.9962	0.6206	0.1515	0.1566	0.1666	0.9774	0.7612
385	0.2128	0.4414	0.6357	0.7371	0.9417	0.0688	0.2401	0.8534	0.0171	0.7477	0.5823	0.0751	0.6344	0.6790	0.9273	0.8958	0.1074	0.7405	0.6538	0.5469
386	0.0039	0.6048	0.8350	0.4785	0.7050	0.4092	0.4589	0.8723	0.8691	0.5368	0.0106	0.8404	0.5027	0.9583	0.1606	0.6456	0.4100	0.4702	0.5955	0.3029
387	0.8480	0.1554	0.7831	0.7894	0.8735	0.0891	0.4321	0.0492	0.3868	0.0517	0.2338	0.3419	0.8970	0.0953	0.2207	0.6558	0.1269	0.8215	0.2683	0.3670
388	0.5019	0.5130	0.4856	0.6582	0.9296	0.3758	0.6867	0.4649	0.1702	0.1831	0.2119	0.1615	0.2095	0.6129	0.1991	0.1278	0.8702	0.6818	0.1023	0.9083
389	0.4827	0.2427	0.9898	0.8338	0.7690	0.7714	0.0021	0.3045	0.5443	0.6307	0.5958	0.5108	0.0088	0.6006	0.6237	0.7211	0.8202	0.0244	0.7235	0.8459
390	0.4335	0.2009	0.5463	0.7846	0.7711	0.4223	0.0387	0.7926	0.4680	0.4229	0.5308	0.3518	0.9452	0.7979	0.7784	0.3441	0.6725	0.4515	0.0295	0.0861
391	0.2453	0.3865	0.5188	0.3562	0.3137	0.7969	0.9980	0.6990	0.2493	0.3836	0.4123	0.0948	0.8289	0.7599	0.6395	0.3826	0.3396	0.6963	0.8400	0.1161
392	0.3368	0.3004	0.3267	0.7257	0.6703	0.2395	0.7607	0.2056	0.1099	0.5911	0.2000	0.8821	0.6597	0.8558	0.8765	0.5630	0.1788	0.0479	0.8707	0.9163
393	0.3175	0.7649	0.0209	0.6880	0.6423	0.5409	0.7980	0.3995	0.4573	0.1642	0.9791	0.7500	0.7658	0.2505	0.5828	0.4593	0.8654	0.8396	0.8481	0.7859
394	0.8847	0.3437	0.1012	0.7733	0.5587	0.6518	0.9876	0.9943	0.3250	0.1029	0.4430	0.6580	0.8619	0.0124	0.1756	0.3684	0.3139	0.4397	0.7070	0.1645
395	0.5404	0.1225	0.3240	0.9483	0.7597	0.1134	0.9086	0.0814	0.9399	0.9994	0.0684	0.1822	0.5999	0.2448	0.5526	0.9313	0.6840	0.2377	0.7065	0.3764
396	0.1435	0.1131	0.9082	0.0499	0.7751	0.0165	0.4916	0.2571	0.7972	0.7641	0.7735	0.6547	0.3666	0.1284	0.7910	0.1735	0.8599	0.6772	0.5686	0.1708
397	0.5007	0.8128	0.4682	0.4788	0.2612	0.1968	0.7021	0.0485	0.2052	0.5624	0.3353	0.2163	0.6998	0.7258	0.8904	0.0194	0.8476	0.3174	0.4011	0.6675
398	0.3517	0.9816	0.9826	0.5914	0.2501	0.9247	0.4018	0.1411	0.8228	0.0853	0.0982	0.5341	0.7743	0.9421	0.2299	0.5086	0.4131	0.0178	0.7326	0.7414
399	0.5992	0.9401	0.7420	0.2548	0.1288	0.8899	0.3900	0.8931	0.9714	0.0254	0.6757	0.6643	0.7217	0.0299	0.5605	0.0621	0.2559	0.2313	0.2578	0.7118
400	0.4876	0.3576	0.2348	0.8518	0.4705	0.5383	0.6602	0.3533	0.9713	0.3283	0.3892	0.2960	0.4961	0.0674	0.0958	0.2245	0.5008	0.6566	0.3691	0.8129

TABLE 1 *Continued*

Row	Column 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
401	0.7999	0.6289	0.4582	0.9372	0.2456	0.8504	0.5351	0.0718	0.8417	0.3153	0.5553	0.3738	0.1560	0.6551	0.1875	0.0494	0.2901	0.1835	0.0296	0.2582
402	0.5133	0.4084	0.5996	0.7085	0.0754	0.8843	0.9287	0.5429	0.8140	0.6209	0.7731	0.2843	0.7702	0.4136	0.4695	0.9041	0.6814	0.9348	0.6323	0.3454
403	0.4691	0.7644	0.3688	0.7101	0.1887	0.1749	0.9343	0.2588	0.2237	0.1289	0.3857	0.6750	0.0210	0.7609	0.4822	0.3727	0.4040	0.6711	0.6180	0.8969
404	0.7526	0.8213	0.6092	0.9529	0.3024	0.9350	0.8651	0.8704	0.9487	0.1612	0.7491	0.6032	0.6319	0.5058	0.6779	0.7608	0.3375	0.0525	0.5043	0.8664
405	0.9433	0.6065	0.9601	0.0757	0.2697	0.4458	0.7368	0.8870	0.9314	0.4918	0.5014	0.6033	0.9407	0.9853	0.4268	0.5773	0.5342	0.4984	0.7132	0.6205
406	0.8891	0.7033	0.5755	0.0466	0.7480	0.7919	0.5528	0.3837	0.0796	0.1874	0.6031	0.1092	0.7238	0.2486	0.6229	0.2329	0.1865	0.9101	0.0301	0.7459
407	0.7363	0.6188	0.7738	0.3563	0.9097	0.2184	0.9169	0.9872	0.5802	0.1476	0.5635	0.3077	0.5134	0.1306	0.3957	0.6053	0.6773	0.3257	0.7847	0.3359
408	0.0744	0.1793	0.9545	0.3724	0.2188	0.4621	0.4925	0.8982	0.5327	0.0618	0.9284	0.3306	0.0701	0.6629	0.8112	0.8416	0.5772	0.1657	0.7147	0.5425
409	0.4909	0.8598	0.3407	0.5634	0.9309	0.6495	0.3559	0.7394	0.0590	0.7927	0.1320	0.7062	0.6191	0.4120	0.8894	0.0739	0.2419	0.4543	0.6808	0.1341
410	0.1845	0.6816	0.7191	0.8876	0.1498	0.7444	0.7007	0.5302	0.7303	0.7309	0.2254	0.7889	0.0818	0.2643	0.0968	0.7915	0.8862	0.9002	0.4070	0.0514
411	0.5291	0.1792	0.0208	0.5799	0.9439	0.8639	0.0300	0.8573	0.3720	0.1593	0.0441	0.9089	0.0837	0.6849	0.4819	0.5626	0.3394	0.8383	0.1594	0.2155
412	0.3162	0.0268	0.6717	0.3980	0.9275	0.8248	0.6782	0.8484	0.6549	0.2436	0.4945	0.9391	0.5059	0.8489	0.0712	0.8940	0.4676	0.6905	0.9463	0.0537
413	0.7278	0.7666	0.0671	0.4962	0.4498	0.9883	0.8635	0.6427	0.5461	0.1501	0.4958	0.3049	0.1206	0.9557	0.6292	0.6213	0.4439	0.3372	0.9501	0.8762
414	0.7375	0.6254	0.1533	0.5746	0.7977	0.4687	0.3615	0.5177	0.1207	0.1067	0.3565	0.3568	0.3184	0.9285	0.1510	0.3961	0.3792	0.7429	0.0381	0.9919
415	0.2703	0.2403	0.6113	0.4167	0.9025	0.7527	0.8747	0.3238	0.5549	0.5494	0.4719	0.0067	0.9187	0.2861	0.9226	0.9406	0.1382	0.9067	0.9210	0.7236
416	0.6902	0.4686	0.9186	0.9220	0.5448	0.2234	0.1941	0.2956	0.0014	0.7705	0.2020	0.4264	0.4168	0.9788	0.8044	0.8057	0.7081	0.2905	0.6386	0.9026
417	0.0804	0.6685	0.4647	0.0955	0.8952	0.4041	0.5322	0.3810	0.3922	0.7766	0.3103	0.0184	0.8442	0.3704	0.3930	0.8752	0.2228	0.6587	0.0689	0.1203
418	0.2317	0.8141	0.5614	0.9298	0.5001	0.8064	0.5572	0.4317	0.8401	0.6420	0.8065	0.1783	0.4125	0.1363	0.2777	0.2938	0.0700	0.4878	0.7004	0.8190
419	0.1249	0.1473	0.5113	0.8354	0.2975	0.9669	0.1275	0.4345	0.5623	0.6127	0.9803	0.6743	0.4734	0.2303	0.8813	0.1585	0.0433	0.6451	0.2390	0.6646
420	0.2432	0.9344	0.9844	0.5517	0.2442	0.4465	0.9877	0.5904	0.0008	0.4690	0.6198	0.1291	0.9938	0.8608	0.4047	0.5878	0.2444	0.6488	0.6878	0.0052
421	0.1911	0.5045	0.8597	0.5356	0.3124	0.3722	0.5370	0.6170	0.0990	0.0613	0.2086	0.0340	0.7520	0.0787	0.7903	0.9735	0.4065	0.0546	0.9576	0.5663
422	0.6241	0.7066	0.4436	0.4095	0.6137	0.8171	0.2031	0.2985	0.8406	0.8168	0.6089	0.9160	0.2214	0.4213	0.4733	0.6297	0.7058	0.9624	0.1328	0.1914
423	0.5189	0.4744	0.5795	0.5741	0.9543	0.6694	0.0918	0.4055	0.8976	0.0274	0.1590	0.5737	0.9113	0.3116	0.7146	0.8647	0.1474	0.2718	0.4423	0.8621
424	0.8629	0.1283	0.0182	0.0204	0.3193	0.0131	0.0074	0.2438	0.7983	0.3173	0.6017	0.8897	0.9373	0.8716	0.9551	0.6907	0.9648	0.3902	0.2796	0.1561
425	0.9745	0.8545	0.0530	0.6945	0.8199	0.2462	0.1790	0.1946	0.4751	0.0207	0.1838	0.0137	0.6670	0.4683	0.5336	0.6619	0.8113	0.5768	0.5480	0.9532
426	0.9261	0.5872	0.8166	0.7701	0.2846	0.2724	0.6979	0.1626	0.8936	0.2141	0.7895	0.6632	0.0934	0.5072	0.2947	0.1932	0.1621	0.3842	0.5224	0.9409
427	0.7936	0.0202	0.9661	0.3411	0.2908	0.4688	0.8711	0.5024	0.9613	0.8252	0.9295	0.0680	0.0069	0.0261	0.8379	0.2129	0.4019	0.1655	0.5363	0.9340
428	0.1460	0.3228	0.1146	0.3492	0.1094	0.2687	0.9884	0.3212	0.4607	0.3556	0.7939	0.0943	0.7581	0.6590	0.1896	0.1803	0.7428	0.2939	0.4093	0.9015
429	0.6301	0.3805	0.0119	0.8628	0.8561	0.8935	0.4609	0.2330	0.7557	0.2270	0.0147	0.7451	0.1720	0.2494	0.7268	0.5377	0.6962	0.5036	0.7013	0.3246
430	0.3229	0.0034	0.8665	0.3712	0.1943	0.8886	0.1650	0.0116	0.1891	0.2754	0.3487	0.7829	0.0132	0.0377	0.1748	0.6030	0.6939	0.5667	0.6453	0.7756
431	0.2053	0.8028	0.6057	0.9890	0.6076	0.2895	0.7280	0.4162	0.3523	0.4826	0.5936	0.8382	0.4326	0.8059	0.3597	0.9091	0.3574	0.3662	0.0848	0.4513
432	0.9095	0.5905	0.5937	0.5506	0.1202	0.5364	0.7902	0.1681	0.2366	0.9139	0.2668	0.1545	0.9657	0.1728	0.8630	0.3392	0.8391	0.2277	0.2180	0.0950
433	0.6167	0.7874	0.9379	0.2826	0.0620	0.7512	0.3102	0.2974	0.2634	0.9322	0.7615	0.1057	0.5668	0.1766	0.8782	0.6132	0.8465	0.6101	0.1428	0.3907
434	0.4075	0.9727	0.5692	0.8433	0.4595	0.4718	0.5647	0.6699	0.9807	0.1101	0.7647	0.7619	0.0068	0.8081	0.1664	0.2675	0.7544	0.8430	0.9060	0.5820
435	0.0692	0.6452	0.4646	0.7753	0.2529	0.2385	0.9881	0.7697	0.1995	0.9272	0.7960	0.2298	0.1578	0.7183	0.8003	0.3001	0.0753	0.3660	0.4801	0.0658
436	0.5787	0.7883	0.4812	0.6775	0.8586	0.8555	0.5603	0.1049	0.9492	0.7149	0.7865	0.4730	0.2641	0.3640	0.7942	0.1680	0.8167	0.3123	0.6598	0.7137
437	0.5832	0.8638	0.9854	0.9279	0.6322	0.9206	0.8900	0.1156	0.3908	0.6157	0.8170	0.4112	0.0741	0.8965	0.0320	0.8698	0.9447	0.5766	0.2312	0.2415
438	0.3176	0.3787	0.5240	0.0266	0.2148	0.8027	0.4000	0.3463	0.2854	0.6923	0.4137	0.4910	0.3481	0.0011	0.2075	0.3617	0.4668	0.8748	0.2827	0.1274
439	0.8563	0.1796	0.8946	0.5094	0.8419	0.7525	0.1228	0.1751	0.9444	0.6517	0.5238	0.7734	0.6649	0.3398	0.2263	0.2981	0.4367	0.3680	0.7713	0.1095
440	0.6228	0.8736	0.2782	0.1934	0.6712	0.2800	0.4654	0.6822	0.8772	0.3519	0.4980	0.7556	0.1215	0.0355	0.5856	0.6669	0.5348	0.0422	0.3296	0.9384
441	0.4144	0.7484	0.1301	0.1998	0.9572	0.9130	0.2002	0.9761	0.6043	0.3350	0.0795	0.7932	0.2062	0.0899	0.2570	0.3863	0.6408	0.7075	0.4967	0.8645
442	0.0527	0.0239	0.6338	0.8515	0.9458	0.7885	0.1624	0.2321	0.9240	0.6671	0.3428	0.5472	0.4884	0.4552	0.5810	0.0685	0.6385	0.6267	0.9370	0.3751
443	0.9474	0.9302	0.5942	0.9758	0.8247	0.5201	0.3736	0.8256	0.7990	0.2541	0.2439	0.3705	0.7899	0.9135	0.9307	0.9715	0.3620	0.4072	0.1354	0.4256
444	0.4716	0.5215	0.4791	0.1346	0.5568	0.2044	0.5825	0.2047	0.9825	0.3794	0.1885	0.9993	0.5734	0.2064	0.9813	0.9829	0.7242	0.9891	0.9054	0.1967
445	0.6410	0.8743	0.9371	0.7340	0.5381	0.9885	0.7533	0.3110	0.2470	0.8421	0.2088	0.0289	0.8299	0.4220	0.2240	0.3780	0.8180	0.7628	0.6950	0.3816
446	0.7285	0.6475	0.8486	0.4446	0.7545	0.3221	0.3361	0.9704	0.8014	0.7202	0.2369	0.8488	0.0667	0.2373	0.2986	0.6730	0.8520	0.7047	0.9133	0.2194
447	0.8985	0.7668	0.6543	0.1135	0.0316	0.6917	0.0233	0.5781	0.5071	0.9035	0.5234	0.3589	0.5346	0.2772	0.6236	0.0190	0.2621	0.3349	0.9591	0.4735
448	0.3607	0.0723	0.4517	0.8473	0.6203	0.3011	0.1901	0.9873	0.1868	0.1714	0.7716	0.5851	0.8853	0.8331	0.2308	0.9494	0.1591	0.4715	0.8986	0.6826
449	0.0503	0.0065	0.6850	0.3669	0.2081	0.2615	0.8859	0.4671	0.1268	0.0030	0.3502	0.8030	0.2472	0.4794	0.9457	0.6951	0.5817	0.3723	0.1389	0.2976
450	0.2266	0.4283	0.9719	0.4252	0.4697	0.7564	0.2944	0.9940	0.2533	0.8882	0.7795	0.8259	0.2701	0.6047	0.4407	0.7575	0.3558	0.9024	0.0842	0.3629

TABLE 1 *Continued*

Row	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
451	0.3693	0.4081	0.3853	0.0876	0.8388	0.8895	0.9563	0.2290	0.7981	0.9614	0.7335	0.3326	0.1572	0.1348	0.8328	0.3925	0.6882	0.3776	0.2281	0.6295
452	0.1362	0.9983	0.5989	0.3014	0.2252	0.8245	0.5952	0.1665	0.6753	0.0729	0.4851	0.3959	0.4444	0.3039	0.4298	0.8974	0.3782	0.4042	0.4952	0.7473
453	0.4351	0.0425	0.7396	0.2300	0.1698	0.8851	0.4608	0.9481	0.1880	0.9969	0.3521	0.9219	0.6881	0.3846	0.0749	0.9925	0.1918	0.1886	0.5910	0.2551
454	0.0641	0.4231	0.9023	0.1002	0.1921	0.2691	0.9751	0.1926	0.3341	0.9167	0.0588	0.7040	0.3611	0.1423	0.3912	0.4108	0.7962	0.5714	0.5109	0.0327
455	0.6425	0.1948	0.8387	0.9656	0.5915	0.3435	0.4814	0.1465	0.3214	0.2159	0.0288	0.9573	0.1371	0.6192	0.7780	0.1598	0.2326	0.8368	0.0272	0.0782
456	0.6876	0.0058	0.4277	0.1325	0.8738	0.1165	0.0800	0.8320	0.3073	0.8237	0.4492	0.7449	0.3681	0.5021	0.4292	0.7362	0.2152	0.2388	0.3019	0.2752
457	0.4428	0.3036	0.0794	0.9908	0.7809	0.7106	0.0629	0.4809	0.5756	0.9122	0.0108	0.0550	0.3170	0.0223	0.6482	0.8625	0.5610	0.7109	0.6642	0.2745
458	0.0552	0.0103	0.8001	0.2238	0.8803	0.1614	0.9747	0.9472	0.3731	0.7769	0.2720	0.2378	0.1810	0.7763	0.2080	0.9233	0.1862	0.3674	0.2815	0.1962
459	0.1084	0.2770	0.7699	0.9639	0.6807	0.6121	0.7415	0.4625	0.4759	0.0224	0.3209	0.8058	0.1006	0.1463	0.8694	0.6309	0.4464	0.6610	0.2288	0.4790
460	0.0930	0.9318	0.1610	0.3276	0.6837	0.3181	0.7204	0.0516	0.9652	0.4635	0.5465	0.9981	0.5778	0.4466	0.2209	0.7153	0.1972	0.2092	0.5632	0.7768
461	0.6487	0.3557	0.6406	0.4550	0.0212	0.7247	0.6528	0.4014	0.2279	0.8734	0.9565	0.1877	0.4960	0.0864	0.1771	0.1104	0.8737	0.0715	0.7498	0.6082
462	0.7787	0.2690	0.4982	0.8216	0.6873	0.9641	0.8139	0.9040	0.7860	0.6429	0.9388	0.6185	0.0045	0.3546	0.9824	0.7352	0.8296	0.2154	0.8649	0.8869
463	0.4227	0.4087	0.6796	0.8864	0.6059	0.7448	0.0314	0.8660	0.1130	0.3843	0.5136	0.0026	0.6248	0.4208	0.8888	0.6279	0.2590	0.2831	0.6893	0.2437
464	0.4942	0.0217	0.8492	0.6544	0.3880	0.8098	0.7251	0.1956	0.7820	0.8569	0.6542	0.7651	0.3224	0.3089	0.7618	0.3262	0.8857	0.6664	0.1653	0.1832
465	0.4054	0.9334	0.9466	0.3605	0.4471	0.7881	0.1848	0.6381	0.0009	0.6432	0.4228	0.6418	0.9468	0.1671	0.5388	0.3337	0.4129	0.8153	0.1415	0.1378
466	0.3126	0.6870	0.2557	0.8898	0.6554	0.2632	0.8370	0.1282	0.9180	0.1128	0.2203	0.8352	0.2269	0.7610	0.3241	0.7393	0.0827	0.2664	0.2741	0.3385
467	0.3800	0.1394	0.3657	0.6384	0.1451	0.3825	0.5438	0.1169	0.9171	0.5266	0.9158	0.5084	0.3167	0.3595	0.8033	0.7322	0.8010	0.2893	0.3371	0.3099
468	0.8470	0.3301	0.1352	0.7773	0.6109	0.4780	0.5184	0.2580	0.1847	0.4698	0.5664	0.9560	0.1166	0.0841	0.2520	0.0326	0.4758	0.7891	0.7161	0.5103
469	0.3294	0.4696	0.9151	0.1546	0.6204	0.5681	0.6650	0.0612	0.5034	0.9637	0.3715	0.5182	0.5565	0.9214	0.8043	0.2755	0.7715	0.9835	0.6821	0.8231
470	0.9797	0.1221	0.9073	0.7707	0.0107	0.5355	0.9420	0.5843	0.7006	0.4192	0.1618	0.9204	0.0993	0.1313	0.2522	0.9182	0.1867	0.6897	0.5449	0.8778
471	0.6061	0.1592	0.1966	0.2344	0.4529	0.9400	0.0366	0.0294	0.8322	0.5881	0.9368	0.5362	0.6508	0.0789	0.5117	0.7438	0.5782	0.5470	0.1570	0.0645
472	0.3903	0.9828	0.5652	0.0135	0.9177	0.7584	0.8800	0.1172	0.1817	0.2530	0.9664	0.2043	0.7509	0.4610	0.4015	0.4591	0.9659	0.8208	0.0596	0.2929
473	0.7656	0.5286	0.0866	0.6965	0.5940	0.1920	0.2762	0.6734	0.5367	0.6799	0.2859	0.5701	0.2579	0.2005	0.3945	0.1171	0.8956	0.7250	0.8285	0.1102
474	0.3999	0.8548	0.9058	0.5658	0.2849	0.8179	0.5055	0.6680	0.9513	0.6339	0.2994	0.0972	0.8758	0.6620	0.7209	0.9362	0.0203	0.3570	0.3788	0.0927
475	0.5742	0.8230	0.5102	0.8781	0.2460	0.9077	0.8431	0.7009	0.6690	0.6240	0.6548	0.5437	0.2256	0.7788	0.8414	0.9970	0.5644	0.0099	0.0017	0.2193
476	0.0634	0.3157	0.5558	0.7489	0.6973	0.2885	0.9556	0.1332	0.3803	0.0885	0.4748	0.8928	0.3458	0.4374	0.3360	0.0446	0.2229	0.9239	0.2779	0.6014
477	0.6250	0.8525	0.7094	0.6172	0.0328	0.2231	0.2491	0.8506	0.7312	0.3543	0.3649	0.6918	0.0255	0.2984	0.7056	0.1338	0.2608	0.1686	0.7178	0.1350
478	0.3916	0.7650	0.1600	0.7517	0.4052	0.9088	0.0721	0.3462	0.8223	0.0640	0.5602	0.4577	0.7823	0.9912	0.1777	0.9904	0.0522	0.9120	0.7028	0.3009
479	0.0884	0.0082	0.6269	0.3647	0.1688	0.0428	0.1122	0.7966	0.1262	0.8588	0.4990	0.3302	0.5194	0.1676	0.5303	0.2162	0.6721	0.6506	0.8099	0.1181
480	0.6644	0.1733	0.3741	0.4549	0.6442	0.0542	0.8443	0.1008	0.6359	0.4331	0.6176	0.7315	0.6983	0.1060	0.4270	0.7922	0.6505	0.7440	0.5759	0.8152
481	0.0038	0.6535	0.3293	0.1807	0.7011	0.6879	0.1040	0.7661	0.4900	0.1458	0.1114	0.9517	0.3357	0.1138	0.7378	0.8659	0.1704	0.3512	0.7008	0.4927
482	0.0989	0.6060	0.8126	0.9775	0.6986	0.0562	0.8644	0.9271	0.5555	0.1116	0.2544	0.1356	0.1041	0.7535	0.7834	0.7776	0.2637	0.9425	0.1078	0.0398
483	0.3882	0.8410	0.7502	0.1245	0.4755	0.9330	0.3141	0.9724	0.5483	0.1556	0.2811	0.9107	0.2654	0.4189	0.1936	0.0928	0.0022	0.6984	0.8491	0.3307
484	0.5325	0.3457	0.5959	0.5493	0.8636	0.0483	0.4811	0.9480	0.1409	0.8954	0.3426	0.4099	0.1851	0.0831	0.1690	0.9971	0.5068	0.7259	0.4333	0.5890
485	0.5733	0.4934	0.4357	0.7432	0.4724	0.9003	0.9720	0.8722	0.6934	0.8692	0.6737	0.3054	0.8303	0.1935	0.8962	0.0186	0.5403	0.6718	0.6143	0.5720
486	0.2275	0.9753	0.9976	0.8522	0.0610	0.2409	0.2968	0.2935	0.6291	0.3403	0.6130	0.7293	0.1827	0.4365	0.9966	0.7055	0.1903	0.6817	0.1257	0.1334
487	0.6080	0.4778	0.7560	0.0098	0.4388	0.5863	0.8330	0.0213	0.3401	0.3253	0.9549	0.6144	0.9185	0.4533	0.9288	0.2026	0.5222	0.8323	0.3508	0.0349
488	0.2535	0.1675	0.3206	0.7406	0.9352	0.5994	0.2471	0.5078	0.6150	0.5111	0.9449	0.7051	0.5150	0.6023	0.9259	0.2368	0.3366	0.8538	0.3627	0.1951
489	0.2150	0.8032	0.2408	0.0173	0.4598	0.5540	0.4875	0.7832	0.5149	0.6074	0.4027	0.2354	0.8072	0.2156	0.1085	0.3610	0.4257	0.8591	0.4872	0.9008
490	0.6400	0.7943	0.4394	0.8091	0.7454	0.2029	0.8390	0.9016	0.0374	0.9376	0.0630	0.3756	0.2659	0.3844	0.5163	0.4215	0.5708	0.2912	0.8739	0.4530
491	0.8114	0.0334	0.5317	0.9385	0.8845	0.4606	0.0013	0.3041	0.9291	0.4247	0.0247	0.2709	0.9992	0.0717	0.0898	0.9924	0.2778	0.9692	0.2396	0.9683
492	0.2911	0.3822	0.5527	0.1073	0.0292	0.1824	0.1322	0.1579	0.3058	0.5665	0.7116	0.6797	0.7296	0.8273	0.3433	0.3456	0.4173	0.0476	0.8061	0.1254
493	0.3205	0.9094	0.1343	0.7806	0.3578	0.9631	0.7162	0.5980	0.9105	0.3453	0.5748	0.8024	0.3021	0.5519	0.9228	0.3834	0.3864	0.8217	0.2698	0.3777
494	0.2948	0.6123	0.1944	0.9070	0.6677	0.5798	0.6299	0.7184	0.7555	0.1604	0.0352	0.3958	0.7435	0.3431	0.4775	0.6545	0.3899	0.0750	0.9660	0.6895
495	0.1402	0.5631	0.6199	0.3717	0.5532	0.9181	0.2716	0.8823	0.3477	0.0909	0.9960	0.7682	0.7603	0.6890	0.3532	0.8224	0.9260	0.2087	0.2346	0.0608
496	0.8148	0.2713	0.9765	0.8955	0.7723	0.0397	0.8375	0.6134	0.2519	0.0812	0.4587	0.5050	0.9952	0.9944	0.3571	0.3149	0.5860	0.4267	0.2261	0.5926
497	0.4160	0.0502	0.1685	0.3522	0.9787	0.0154	0.4816	0.7633	0.1781	0.7088	0.0164	0.5196	0.1151	0.7921	0.6318	0.5174	0.3761	0.9192	0.1427	0.5650
498	0.0234	0.2865	0.1466	0.3840	0.0455	0.3161	0.6943	0.5727	0.8381	0.1485	0.3503	0.3979	0.2305	0.3040	0.0607	0.0113	0.6683	0.2705	0.5627	0.7455
499	0.4613	0.0448	0.2813	0.0457	0.4336	0.2200	0.8767	0.8445	0.8039	0.1548	0.7955	0.9541	0.6097	0.4726	0.8150	0.4531	0.2574	0.5894	0.3613	0.4382
500	0.7887	0.3069	0.7538	0.1133	0.2149	0.7900	0.9931	0.6919	0.4553	0.0263	0.2430	0.4832	0.3464	0.0686	0.3156	0.5053	0.1109	0.1529	0.1931	0.8749

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

5.1 Table 1 consists of 10 000 numbers from 0.0001 to 1.0000. Each number appears only once in the Table of 500 rows by 20 columns.

5.2 The Table is most effectively used when a row and column are randomly selected and the entered value from the Table is then used for sample selection.

5.2.1 Several methods of selection of row and column are available including use of the RANDOM function in pocket calculators (if available) to select row and column.

5.2.1.1 For example, for selection of row: the RANDOM function generates 0.6202. Then the row to be used is 0.6202 × the number of rows = 0.6202(500) = 310.1 or 310. Likewise for the column, the RANDOM function generates 0.9586 and the column is 0.9586(20) = 19.2 or 19. The random number to be used for the sample is in row 310, column 19 = 0.3513.

5.2.1.2 Similarly, if Microsoft Excel® is available, the RAND function can be used to generate random numbers for selection of row and column. This can be accomplished by selecting an open cell in Excel entering = followed by opening "Function" in the "Insert" Menu and completing once for row and a second for column. Selection of the random number is by the method shown in Note 4.

NOTE 4—An Excel procedure for direct determination of the random number from Table 1 is available on a disk from ASTM that includes the selection procedure as well as a screen view and printable form of Table 1.

6. Selection Procedures

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

6.1.1 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.

6.1.2 *Example:*

6.1.2.1 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.

6.1.2.2 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 5—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 6—While the above exact times were picked, in practice, the user may wish to round off actual sampling times to the nearest 5 min.

6.2 *Sampling From a Windrow of Material:*

6.2.1 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.

6.2.2 *Example:*

6.2.2.1 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

6.2.2.2 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)

6.3 *Sampling In-Place Paving Material:*

6.3.1 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.

6.3.2 *Example:*

6.3.2.1 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

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

6.3.2.3 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

6.3.2.4 Therefore, the first sample should be taken 603 m from the beginning of the pavement (see 6.3.2.2) and 1.8 m from the designated (right or left) edge of the pavement.

6.3.2.5 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.

6.4 *Sampling From a Loaded Truck:*

6.4.1 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

6.4.2 *Example:*

6.4.2.1 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

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

6.4.2.3 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 × 0.3809)
Quadrant 1 from truck No. 17 (4 × 0.0641)

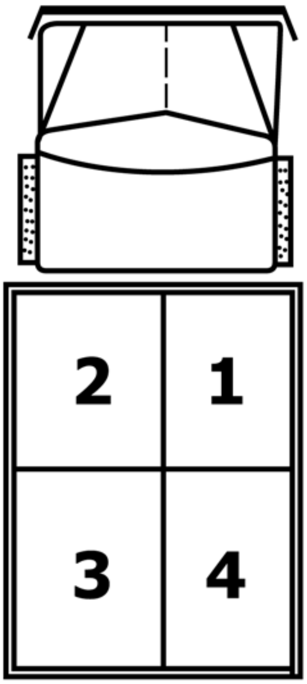

FIG. 1 Quadrants for Random Sampling from a Loaded Truck

7. Keywords

7.1 random number tables; sampling, random