

at a random point on the table and either direction. Write down the ing those that are higher than the e appeared before in the series. If s, pairs of columns or rows can be he same process followed as that

5	5	2	9	0	6	3	1	6	4
0	3	6	2	5	1	2	7	5	2
5	2	6	9	8	3	4	0	1	0
4	1	7	1	3	7	9	3	3	7
3	4	8	8	1	2	7	5	3	4
9	4	6	2	1	5	2	8	1	9
2	0	6	7	0	6	0	1	3	0
0	7	4	7	9	6	6	7	7	4
6	2	5	4	5	8	5	0	9	2
1	7	7	3	5	5	4	7	7	2
3	6	3	9	7	8	7	9	1	7
9	8	6	7	5	7	9	3	1	8
8	0	2	5	6	0	6	1	2	0
7	3	1	7	9	4	5	5	2	8
5	4	9	0	3	7	4	7	0	1
0	5	9	1	8	0	5	4	9	4
5	0	7	7	6	6	8	8	5	9
0	8	1	8	7	7	6	4	7	2
5	6	6	5	0	4	6	5	6	8
5	3	3	7	4	0	5	8	2	4
1	1	8	5	3	2	8	0	9	8
9	7	5	8	9	6	4	5	9	0
8	8	2	9	8	3	2	6	2	9
8	2	6	2	0	6	9	2	2	3
4	0	4	2	2	8	7	1	8	2
2	5	0	6	9	3	3	0	1	2
2	7	3	7	4	0	0	1	2	9
3	8	5	3	3	6	5	5	3	2
1	4	9	0	5	0	9	4	4	1
4	4	9	2	3	7	2	5	7	8
5	2	6	8	7	8	2	8	0	3
4	7	6	1	1	9	1	6	5	3
4	4	9	0	5	5	4	5	2	0
3	9	9	8	7	7	2	7	9	7
2	3	9	0	9	5	9	6	5	7
0	2	3	9	7	7	5	0	6	9
1	9	2	0	6	1	5	8	4	2
9	2	8	9	8	9	8	6	5	5
9	3	6	5	9	8	3	2	4	3
2	4	3	7	1	0	7	8	2	1

TABLE A.2.  
Distribution of t<sup>2</sup>

Degrees of Freedom	Probability of Obtaining a Value as Large or Larger					
	0.400	0.200	0.100	0.050	0.010	0.001
1	1.376	3.078	6.314	12.706	63.657	
2	1.061	1.886	2.920	4.303	9.925	31.598
3	0.978	1.638	2.353	3.182	5.841	12.941
4	0.941	1.533	2.132	2.776	4.604	8.610
5	0.920	1.476	2.015	2.571	4.032	6.859
6	0.906	1.440	1.943	2.447	3.707	5.959
7	0.895	1.415	1.895	2.365	3.499	5.405
8	0.889	1.397	1.860	2.306	3.355	5.041
9	0.883	1.383	1.833	2.262	3.250	4.781
10	0.879	1.372	1.812	2.228	3.169	4.587
11	0.876	1.363	1.796	2.201	3.106	4.437
12	0.873	1.356	1.782	2.179	3.055	4.318
13	0.870	1.350	1.771	2.160	3.012	4.221
14	0.868	1.345	1.761	2.145	2.977	4.140
15	0.866	1.341	1.753	2.131	2.947	4.073
16	0.865	1.337	1.746	2.120	2.921	4.015
17	0.863	1.333	1.740	2.110	2.898	3.965
18	0.862	1.330	1.734	2.101	2.878	3.922
19	0.861	1.328	1.729	2.093	2.861	3.883
20	0.860	1.325	1.725	2.086	2.845	3.850
21	0.859	1.323	1.721	2.080	2.831	3.819
22	0.858	1.321	1.717	2.074	2.819	3.792
23	0.858	1.319	1.714	2.069	2.807	3.767
24	0.857	1.318	1.711	2.064	2.797	3.745
25	0.856	1.316	1.708	2.060	2.787	3.725
26	0.856	1.315	1.706	2.056	2.779	3.707
27	0.855	1.314	1.703	2.052	2.771	3.690
28	0.855	1.313	1.701	2.048	2.763	3.674
29	0.854	1.311	1.699	2.045	2.756	3.659
30	0.854	1.310	1.697	2.042	2.750	3.646

**TABLE A.2.**  
Continued.

Degrees of Freedom	Probability of Obtaining a Value as Large or Larger					
	0.400	0.200	0.100	0.050	0.010	0.001
35	0.852	1.306	1.690	2.030	2.724	3.591
40	0.851	1.303	1.684	2.021	2.704	3.551
45	0.850	1.301	1.680	2.014	2.690	3.520
50	0.849	1.299	1.676	2.008	2.678	3.496
55	0.849	1.297	1.673	2.004	2.669	3.476
60	0.848	1.296	1.671	2.000	2.660	3.460
70	0.847	1.294	1.667	1.994	2.648	3.435
80	0.847	1.293	1.665	1.989	2.638	3.416
90	0.846	1.291	1.662	1.986	2.631	3.402
100	0.846	1.290	1.661	1.982	2.625	3.390
120	0.845	1.289	1.658	1.980	2.617	3.373
∞	0.8416	1.2816	1.6448	1.9600	2.5758	3.2905

\*Parts of this table are taken from Table III of Fisher and Yates: *Statistical Tables for Biological, Agricultural, and Medical Research*, published by Longman Group Ltd., London (previously published by Oliver & Boyd, Edinburgh), by permission of the authors and publishers. Other parts were calculated following Chen and Makowsky (see footnote to Table A.3).

**TABLE A.3.**  
10%, 5% and 1% points for the F distribution.\*

DF For Denom	P	Degrees of Freedom for Numerator (Greater Mean Square)																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	.10	38.86	49.50	53.59	55.83	57.24	58.20	58.91	59.44	59.86	60.19	60.47	60.71	60.90	61.07	61.22	61.35	61.46	61.57	61.66	61.74
	.05	161	200	216	225	230	234	237	239	241	242	243	244	245	246	246	246	247	247	248	248
	.01	4.052	4.969	5.403	5.625	5.764	5.859	5.928	5.981	6.022	6.056	6.083	6.106	6.126	6.143	6.157	6.170	6.181	6.191	6.201	6.209
2	.10	8.53	9.00	9.16	9.24	9.29	9.33	9.35	9.37	9.38	9.39	9.40	9.41	9.41	9.42	9.42	9.43	9.43	9.44	9.44	9.44
	.05	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43	19.43	19.44	19.44	19.44	19.45
	.01	96.50	99.00	99.17	99.25	99.30	99.33	99.36	99.37	99.39	99.40	99.41	99.42	99.42	99.43	99.43	99.44	99.44	99.44	99.45	99.45