Critical Values for Pearson's Correlation Coefficient

Cittical		carson's CC	Proportion i			
	25	10	•		0.1	005
	.25	.10	.05	.025	.01	.005
DE	50	20	Proportion in .10		02	0.1
DF	.50	.20		.05	.02	.01
1	.7071	.9511	.9877	.9969	.9995	.9999
2	.5000	.8000	.9000	.9500	.9800	.9900
3	.4040	.6870	.8054	.8783	.9343	.9587
4	.3473	.6084	.7293	.8114	.8822	.9172
5	.3091	.5509	.6694	.7545	.8329	.8745
6	.2811	.5067	.6215	.7067	.7887	.8343
7	.2596	.4716	.5822	.6664	.7498	.7977
8	.2423	.4428	.5494	.6319	.7155	.7646
9	.2281	.4187	.5214	.6021	.6851	.7348
10	.2161	.3981	.4973	.5760	.6581	.7079
11	.2058	.3802	.4762	.5529	.6339	.6835
12	.1968	.3646	.4575	.5324	.6120	.6614
13	.1890	.3507	.4409	.5140	.5923	.6411
14	.1820	.3383	.4259	.4973	.5742	.6226
15	.1757	.3271	.4124	.4821	.5577	.6055
16	.1700	.3170	.4000	.4683	.5425	.5897
17	.1649	.3077	.3887	.4555	.5285	.5751
18	.1602	.2992	.3783	.4438	.5155	.5614
19	.1558	.2914	.3687	.4329	.5034	.5487
20	.1518	.2841	.3598	.4227	.4921	.5368
21	.1481	.2774	.3515	.4132	.4815	.5256
22	.1447	.2711	.3438	.4044	.4716	.5151
23	.1415	.2653	.3365	.3961	.4622	.5052
24	.1384	.2598	.3297	.3882	.4534	.4958
25	.1356	.2546	.3233	.3809	.4451	.4869
26	.1330	.2497	.3172	.3739	.4372	.4785
27 28	.1305	.2451 .2407	.3115 .3061	.3673	.4297	.4705
	.1281		.3001	.3610 .3550	.4226	.4629
29 20	.1258	.2366			.4158	.4556
30	.1237	.2327	.2960	.3494	.4093	.4487
32	.1217		.2869		.3972	.4357
33	.1197	.2254 .2220	.2826	.3388 .3338	.3972	.4337 .4296
34	.1179	.2220	.2785	.3336	.3862	.4238
35	.1101	.2156	.2746	.3246	.3810	.4238
36	.1128	.2126	.2740	.3202	.3760	.4182
37	.1128	.2120	.2673	.3160	.3712	.4128
38	.1113	.2070	.2638	.3120	.3665	.4076
38 39	.1098	.2070	.2605	.3081	.3621	.3978
40	.1070	.2043	.2573	.3044	.3578	.3978
41	.1070	.1993	.2542	.3008	.3536	.3887
42	.1037	.1970	.2512	.2973	.3496	.3843
42	.1044	.1970	.2483	.2940	.3457	.3801
43	.1032	.1947	.2465	.2940	.3420	.3761
45	.1020	.1923	.2429	.2876	.3420	.3701
45	.0997	.1903	.2429	.2845	.3348	.3683
47	.0997	.1863	.2403	.2816	.3314	.3646
48	.0987	.1843	.2353	.2787	.3281	.3610
46 49	.0976	.1825	.2329	.2759	.3249	.3575
50	.0966	.1823	.2329	.2732	.3249	.3542
	.0230	.1000	.4300	.2132	.3410	.3342

			Proportion i	n ONE Tail		
	.25	.10	.05	.025	.01	.005
			Proportion in			
OF	.50	.20	.10	.05	.02	.01
51	.0947	.1789	.2284	.2706	.3188	.3509
52	.0938	.1772	.2262	.2681	.3158	.3477
53	.0929	.1755	.2241	.2656	.3129	.3445
54	.0920	.1739	.2221	.2632	.3102	.3415
55	.0912	.1723	.2201	.2609	.3074	.3385
56	.0904	.1708	.2181	.2586	.3048	.3357
57	.0896	.1693	.2162	.2564	.3022	.3328
58	.0888	.1678	.2144	.2542	.2997	.3301
59	.0880	.1664	.2126	.2521	.2972	.3274
60	.0873	.1650	.2108	.2500	.2948	.3248
61	.0866	.1636	.2091	.2480	.2925	.3223
62	.0858	.1623	.2075	.2461	.2902	.3198
63	.0852	.1610	.2058	.2441	.2880	.3173
64	.0845	.1598	.2042	.2423	.2858	.3150
65	.0838	.1586	.2027	.2404	.2837	.3126
66	.0832	.1574	.2012	.2387	.2816	.3104
67	.0826	.1562	.1997	.2369	.2796	.3081
68	.0820	.1550	.1982	.2352	.2776	.3060
69	.0814	.1539	.1968	.2335	.2756	.3038
70	.0808	.1528	.1954	.2319	.2737	.3017
71	.0802	.1517	.1940	.2303	.2718	.2997
72	.0796	.1507	.1927	.2287	.2700	.2977
73	.0791	.1497	.1914	.2272	.2682	.2957
74	.0786	.1486	.1901	.2257	.2664	.2938
75	.0780	.1477	.1888	.2242	.2647	.2919
76	.0775	.1467	.1876	.2227	.2630	.2900
77	.0770	.1457	.1864	.2213	.2613	.2882
78	.0765	.1448	.1852	.2199	.2597	.2864
79	.0760	.1439	.1841	.2185	.2581	.2847
80	.0755	.1430	.1829	.2172	.2565	.2830
81	.0751	.1421	.1818	.2159	.2550	.2813
82	.0746	.1412	.1807	.2146	.2535	.2796
83	.0742	.1404	.1796	.2133	.2520	.2780
84	.0737	.1396	.1786	.2120	.2505	.2764
85	.0733	.1387	.1775	.2108	.2491	.2748
86	.0728	.1379	.1765	.2096	.2477	.2732
87	.0724	.1371	.1755	.2084	.2463	.2717
88	.0720	.1364	.1745	.2072	.2449	.2702
89	.0716	.1356	.1735	.2061	.2435	.2687
90	.0712	.1348	.1726	.2050	.2422	.2673
91	.0708	.1341	.1716	.2039	.2409	.2659
92	.0704	.1341	.1707	.2028	.2396	.2645
93	.0704	.1334	.1707	.2028	.2384	.2631
94	.0697	.1327	.1689	.2017	.2371	.2617
95	.0697					
		.1313	.1680	.1996	.2359	.2604
96	.0689	.1306	.1671	.1986	.2347	.2591
97	.0686	.1299	.1663	.1975	.2335	.2578
98	.0682	.1292	.1654	.1966	.2324	.2565
99	.0679	.1286	.1646	.1956	.2312	.2552