Tables referenced in MacKinnon, D.P., Lockwood, C.M., Hoffman, J.M., West, S.G., & Sheets, V. (2002). A comparison of methods to test mediation and other intervening variable effects. *Psychological Method, 7*(1), 83-104.

Note that $se_{\hat{a}\hat{b}}$ in these tables is the second order exact formula (Equation 10 in the article), whereas the critical value of .97 for two-tailed alpha of .05 cited on page 90 in the article is for the empirical distributions with the standard error in Equation 9, the first order formula. The two-tailed critical value for alpha of .05 and the exact standard error from the tables listed below is approximately .90

Cumulative Frequency distribution, 10,000 replications, no mediated effect, all continuous variables

	Sample Size									
cum %	50		100		200		500		1000	
	$\hat{a}\hat{b}/se_{\hat{a}\hat{b}}$	$z'_{\hat{a}\hat{b}}$	$\hat{a}\hat{b}/se_{\hat{a}\hat{b}}$	$z'_{\hat{a}\hat{b}}$	$\hat{a}\hat{b}/se_{\hat{a}\hat{b}}$	$z'_{\hat{a}\hat{b}}$	$\hat{a}\hat{b}/se_{\hat{a}\hat{b}}$	$z'_{\hat{a}\hat{b}}$	$\hat{a}\hat{b}/se_{\hat{a}\hat{b}}$	$z'_{\hat{a}\hat{b}}$
1	-1.100	-3.100	-1.074	-3.041	-1.112	-3.094	-1.051	-2.824	-1.095	-3.113
2	-0.952	-2.425	-0.938	-2.413	-0.969	-2.509	-0.916	-2.286	-0.964	-2.452
3	-0.871	-2.105	-0.852	-2.041	-0.871	-2.132	-0.830	-1.943	-0.859	-2.094
4	-0.796	-1.851	-0.787	-1.821	-0.760	-1.872	-0.768	-1.722	-0.796	-1.836
5	-0.738	-1.647	-0.747	-1.660	-0.713	-1.673	-0.705	-1.573	-0.736	-1.641
6	-0.688	-1.486	-0.700	-1.538	-0.663	-1.522	-0.669	-1.423	-0.693	-1.477
7	-0.650	-1.360	-0.657	-1.392	-0.617	-1.400	-0.633	-1.306	-0.649	-1.376
8	-0.610	-1.241	-0.621	-1.288	-0.580	-1.278	-0.594	-1.216	-0.608	-1.222
9	-0.573	-1.161	-0.586	-1.187	-0.548	-1.171	-0.558	-1.122	-0.575	-1.139
10	-0.546	-1.079	-0.555	-1.098	-0.518	-1.065	-0.532	-1.031	-0.547	-1.056
11	-0.516	-0.996	-0.528	-1.031	-0.492	-0.993	-0.508	-0.959	-0.519	-0.998
12	-0.491	-0.930	-0.507	-0.958	-0.468	-0.925	-0.486	-0.892	-0.494	-0.938
13	-0.466	-0.860	-0.474	-0.892	-0.443	-0.866	-0.464	-0.834	-0.474	-0.871
14	-0.437	-0.802	-0.453	-0.829	-0.421	-0.808	-0.441	-0.782	-0.443	-0.818
15	-0.417	-0.749	-0.428	-0.761	-0.401	-0.756	-0.417	-0.735	-0.425	-0.760
16	-0.393	-0.683	-0.401	-0.706	-0.386	-0.695	-0.397	-0.684	-0.404	-0.700
17	-0.376	-0.638	-0.384	-0.665	-0.364	-0.649	-0.375	-0.642	-0.383	-0.655
18	-0.353	-0.598	-0.361	-0.617	-0.351	-0.619	-0.359	-0.600	-0.368	-0.623
19	-0.336	-0.565	-0.343	-0.570	-0.333	-0.585	-0.341	-0.555	-0.349	-0.593
20	-0.321	-0.535	-0.324	-0.528	-0.318	-0.543	-0.325	-0.518	-0.334	-0.551
21	-0.304	-0.500	-0.307	-0.496	-0.299	-0.510	-0.308	-0.484	-0.316	-0.515
22	-0.288	-0.467	-0.290	-0.462	-0.282	-0.470	-0.290	-0.455	-0.302	-0.485
23	-0.274	-0.434	-0.271	-0.433	-0.265	-0.447	-0.269	-0.426	-0.287	-0.459

cum %	Sample Size									
	50		100		200		500		1000	
	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$
24	-0.261	-0.402	-0.256	-0.401	-0.250	-0.412	-0.254	-0.393	-0.269	-0.428
25	-0.245	-0.375	-0.240	-0.369	-0.235	-0.386	-0.239	-0.361	-0.253	-0.395
26	-0.232	-0.351	-0.226	-0.343	-0.221	-0.360	-0.224	-0.337	-0.241	-0.365
27	-0.217	-0.326	-0.212	-0.316	-0.204	-0.328	-0.210	-0.313	-0.228	-0.339
28	-0.205	-0.301	-0.198	-0.294	-0.192	-0.302	-0.197	-0.288	-0.214	-0.317
29	-0.191	-0.279	-0.186	-0.270	-0.179	-0.278	-0.184	-0.265	-0.201	-0.297
30	-0.181	-0.260	-0.175	-0.252	-0.165	-0.256	-0.173	-0.246	-0.187	-0.276
31	-0.167	-0.243	-0.164	-0.232	-0.152	-0.233	-0.159	-0.221	-0.178	-0.252
32	-0.156	-0.224	-0.156	-0.214	-0.139	-0.215	-0.147	-0.205	-0.164	-0.232
33	-0.143	-0.205	-0.144	-0.194	-0.128	-0.197	-0.138	-0.187	-0.151	-0.212
34	-0.134	-0.185	-0.131	-0.176	-0.117	-0.178	-0.128	-0.172	-0.138	-0.196
35	-0.123	-0.169	-0.120	-0.162	-0.107	-0.160	-0.116	-0.159	-0.129	-0.178
36	-0.113	-0.152	-0.110	-0.147	-0.099	-0.144	-0.103	-0.140	-0.117	-0.161
37	-0.102	-0.138	-0.099	-0.132	-0.090	-0.130	-0.094	-0.124	-0.106	-0.146
38	-0.092	-0.124	-0.087	-0.120	-0.081	-0.118	-0.082	-0.109	-0.097	-0.130
39	-0.083	-0.108	-0.079	-0.106	-0.073	-0.106	-0.073	-0.096	-0.087	-0.117
40	-0.074	-0.097	-0.070	-0.091	-0.065	-0.096	-0.064	-0.085	-0.078	-0.103
41	-0.065	-0.085	-0.060	-0.078	-0.059	-0.085	-0.057	-0.073	-0.069	-0.094
42	-0.057	-0.073	-0.052	-0.067	-0.052	-0.075	-0.049	-0.062	-0.062	-0.079
43	-0.049	-0.064	-0.043	-0.055	-0.044	-0.065	-0.041	-0.051	-0.054	-0.066
44	-0.042	-0.054	-0.036	-0.044	-0.037	-0.054	-0.034	-0.042	-0.045	-0.055
45	-0.035	-0.045	-0.029	-0.035	-0.029	-0.044	-0.027	-0.034	-0.038	-0.046
46	-0.028	-0.034	-0.022	-0.027	-0.022	-0.035	-0.021	-0.026	-0.030	-0.036
47	-0.022	-0.026	-0.016	-0.019	-0.017	-0.027	-0.016	-0.019	-0.023	-0.028
48	-0.016	-0.019	-0.011	-0.012	-0.009	-0.019	-0.010	-0.012	-0.017	-0.019
48	-0.009	-0.011	-0.005	-0.006	-0.003	-0.011	-0.006	-0.007	-0.011	-0.012
50	-0.002	-0.003	0.000	-0.001	0.001	-0.004	0.000	-0.001	-0.005	-0.006
51	0.001	0.001	0.002	0.003	0.005	0.001	0.004	0.004	-0.002	-0.002
52	0.006	0.008	0.009	0.010	0.010	0.006	0.010	0.012	0.002	0.002
53	0.011	0.013	0.015	0.017	0.011	0.012	0.018	0.021	0.007	0.008

cum %	Sample Size									
	50		100		200		500		1000	
	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$
54	0.017	0.020	0.021	0.025	0.015	0.018	0.025	0.030	0.012	0.015
55	0.024	0.030	0.027	0.033	0.021	0.025	0.032	0.040	0.018	0.022
56	0.031	0.039	0.034	0.043	0.029	0.035	0.040	0.050	0.024	0.029
57	0.041	0.049	0.042	0.052	0.037	0.045	0.047	0.060	0.032	0.039
58	0.048	0.062	0.050	0.064	0.044	0.056	0.055	0.072	0.039	0.048
59	0.056	0.071	0.060	0.074	0.052	0.066	0.064	0.086	0.048	0.059
60	0.064	0.084	0.067	0.084	0.060	0.079	0.075	0.095	0.056	0.071
61	0.075	0.097	0.075	0.097	0.069	0.091	0.083	0.109	0.066	0.083
62	0.085	0.109	0.084	0.111	0.080	0.104	0.092	0.123	0.075	0.094
63	0.095	0.127	0.096	0.125	0.090	0.118	0.104	0.138	0.084	0.111
64	0.105	0.142	0.105	0.141	0.099	0.132	0.116	0.153	0.092	0.126
65	0.116	0.158	0.115	0.159	0.110	0.148	0.126	0.171	0.103	0.142
66	0.126	0.175	0.125	0.175	0.121	0.165	0.137	0.186	0.115	0.158
67	0.136	0.194	0.137	0.192	0.133	0.181	0.147	0.206	0.127	0.171
68	0.148	0.212	0.150	0.211	0.142	0.200	0.158	0.225	0.137	0.190
69	0.160	0.235	0.163	0.231	0.156	0.221	0.168	0.245	0.147	0.209
70	0.172	0.255	0.177	0.247	0.167	0.238	0.182	0.264	0.159	0.225
71	0.185	0.273	0.189	0.268	0.178	0.253	0.196	0.280	0.172	0.249
72	0.198	0.292	0.201	0.290	0.189	0.279	0.207	0.305	0.184	0.273
73	0.211	0.317	0.213	0.314	0.203	0.304	0.219	0.332	0.202	0.296
74	0.223	0.339	0.225	0.334	0.217	0.328	0.232	0.358	0.217	0.325
75	0.235	0.362	0.238	0.359	0.233	0.354	0.247	0.383	0.233	0.351
76	0.247	0.385	0.252	0.387	0.250	0.382	0.262	0.406	0.251	0.376
77	0.260	0.416	0.267	0.413	0.265	0.414	0.278	0.437	0.262	0.408
78	0.271	0.441	0.283	0.446	0.280	0.438	0.290	0.462	0.276	0.442
79	0.289	0.469	0.303	0.495	0.297	0.469	0.306	0.495	0.296	0.478
80	0.308	0.499	0.321	0.530	0.311	0.506	0.321	0.527	0.317	0.515
81	0.326	0.536	0.340	0.577	0.331	0.539	0.339	0.563	0.334	0.555
82	0.343	0.570	0.361	0.613	0.349	0.573	0.357	0.605	0.353	0.600
83	0.364	0.610	0.383	0.658	0.368	0.609	0.380	0.645	0.377	0.641

cum %	Sample Size									
	50		100		200		500		1000	
	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$
84	0.388	0.656	0.401	0.701	0.384	0.648	0.400	0.693	0.401	0.690
85	0.405	0.702	0.425	0.745	0.403	0.703	0.417	0.737	0.422	0.734
86	0.425	0.759	0.448	0.804	0.425	0.755	0.440	0.788	0.445	0.794
87	0.448	0.813	0.471	0.866	0.451	0.809	0.460	0.848	0.466	0.856
88	0.474	0.859	0.496	0.927	0.479	0.876	0.482	0.917	0.494	0.922
89	0.499	0.918	0.525	1.000	0.503	0.943	0.513	0.982	0.522	0.979
90	0.524	1.010	0.549	1.074	0.529	1.016	0.539	1.043	0.550	1.056
91	0.558	1.085	0.579	1.156	0.559	1.111	0.574	1.122	0.574	1.153
92	0.587	1.193	0.614	1.253	0.599	1.202	0.603	1.206	0.615	1.245
93	0.621	1.298	0.652	1.375	0.640	1.299	0.633	1.306	0.651	1.357
94	0.666	1.406	0.690	1.493	0.677	1.428	0.672	1.437	0.694	1.482
95	0.712	1.562	0.728	1.621	0.726	1.618	0.717	1.597	0.741	1.619
96	0.770	1.748	0.784	1.831	0.791	1.831	0.766	1.783	0.796	1.803
97	0.824	1.982	0.853	2.119	0.868	2.112	0.829	2.039	0.864	2.067
98	0.922	2.346	0.948	2.411	0.958	2.475	0.943	2.365	0.950	2.400
99	1.075	3.036	1.070	2.970	1.091	3.041	1.083	2.914	1.108	3.124
100	1.819	7.088	1.770	7.946	1.973	8.294	1.954	9.273	2.204	10.227

Cumulative Frequency distribution, 10,000 replications, small mediated effect (α=.14, β=.14), all continuous variables

cum %	Sample Size									
	50		100		200		500		1000	
	$\alpha\beta/se_{\alpha\beta}$	$z_\alpha z_\beta$	$\alpha\beta/se_{\alpha\beta}$	$z_\alpha z_\beta$	$\alpha\beta/se_{\alpha\beta}$	$z_\alpha z_\beta$	$\alpha\beta/se_{\alpha\beta}$	$z_\alpha z_\beta$	$\alpha\beta/se_{\alpha\beta}$	$z_\alpha z_\beta$
1	-0.968	-2.635	-0.825	-2.311	-0.477	-1.141	0.479	1.406	1.669	7.177
2	-0.803	-1.994	-0.634	-1.600	-0.272	-0.600	0.757	2.143	1.821	8.264
3	-0.698	-1.633	-0.518	-1.208	-0.155	-0.310	0.862	2.565	1.912	8.895
4	-0.631	-1.364	-0.436	-0.986	-0.054	-0.129	0.933	2.940	1.978	9.497
5	-0.543	-1.183	-0.371	-0.769	0.001	0.003	1.012	3.249	2.037	10.027
6	-0.494	-1.035	-0.323	-0.633	0.066	0.108	1.061	3.503	2.102	10.516
7	-0.449	-0.910	-0.280	-0.525	0.124	0.223	1.115	3.750	2.157	10.897
8	-0.418	-0.806	-0.238	-0.424	0.172	0.341	1.166	3.969	2.199	11.175
9	-0.373	-0.715	-0.189	-0.335	0.215	0.439	1.205	4.190	2.239	11.517
10	-0.343	-0.645	-0.149	-0.268	0.266	0.523	1.245	4.374	2.271	11.817
11	-0.313	-0.568	-0.120	-0.201	0.300	0.608	1.287	4.509	2.305	12.119
12	-0.288	-0.499	-0.082	-0.135	0.334	0.709	1.321	4.674	2.333	12.348
13	-0.259	-0.438	-0.051	-0.082	0.370	0.804	1.351	4.842	2.364	12.566
14	-0.238	-0.393	-0.026	-0.043	0.406	0.893	1.379	5.003	2.391	12.782
15	-0.215	-0.346	-0.004	-0.004	0.437	0.978	1.409	5.167	2.412	13.021
16	-0.189	-0.309	0.017	0.028	0.467	1.053	1.434	5.346	2.436	13.225
17	-0.165	-0.272	0.045	0.067	0.495	1.131	1.462	5.510	2.457	13.514
18	-0.145	-0.232	0.069	0.103	0.520	1.201	1.487	5.638	2.483	13.725
19	-0.124	-0.199	0.093	0.144	0.545	1.279	1.510	5.780	2.501	13.964
20	-0.107	-0.166	0.115	0.182	0.570	1.350	1.536	5.918	2.519	14.124
21	-0.089	-0.132	0.137	0.226	0.599	1.421	1.558	6.065	2.542	14.324
22	-0.074	-0.107	0.161	0.269	0.623	1.507	1.578	6.182	2.561	14.521
23	-0.059	-0.083	0.181	0.311	0.645	1.577	1.601	6.290	2.582	14.699
24	-0.042	-0.060	0.201	0.348	0.672	1.650	1.618	6.396	2.597	14.840
25	-0.029	-0.038	0.224	0.390	0.693	1.729	1.638	6.526	2.616	14.991
26	-0.014	-0.021	0.239	0.441	0.717	1.802	1.656	6.660	2.629	15.150
27	-0.005	-0.006	0.257	0.475	0.738	1.875	1.674	6.782	2.647	15.326
28	0.001	0.001	0.279	0.510	0.757	1.948	1.690	6.919	2.662	15.509
29	0.013	0.018	0.298	0.546	0.777	2.006	1.709	7.027	2.680	15.719

30	0.025	0.035	0.316	0.580	0.794	2.073	1.726	7.138	2.694	15.888
31	0.037	0.052	0.332	0.623	0.816	2.140	1.744	7.252	2.708	16.076
32	0.049	0.069	0.344	0.666	0.834	2.208	1.760	7.372	2.723	16.221
33	0.064	0.089	0.360	0.709	0.848	2.281	1.776	7.480	2.737	16.376
34	0.078	0.112	0.375	0.758	0.866	2.351	1.790	7.583	2.757	16.515
35	0.093	0.137	0.395	0.802	0.884	2.426	1.805	7.690	2.771	16.690
36	0.107	0.163	0.414	0.850	0.903	2.482	1.820	7.794	2.785	16.813
37	0.124	0.188	0.432	0.890	0.920	2.541	1.835	7.894	2.802	16.985
38	0.136	0.219	0.450	0.935	0.939	2.600	1.852	8.009	2.816	17.147
39	0.150	0.241	0.468	0.980	0.957	2.678	1.868	8.131	2.829	17.317
40	0.168	0.269	0.487	1.018	0.977	2.755	1.881	8.247	2.843	17.491
41	0.188	0.299	0.505	1.063	0.990	2.816	1.895	8.382	2.857	17.628
42	0.200	0.324	0.520	1.111	1.004	2.882	1.908	8.474	2.873	17.754
43	0.215	0.356	0.536	1.154	1.018	2.934	1.922	8.578	2.886	17.944
44	0.228	0.381	0.555	1.199	1.034	3.003	1.936	8.680	2.900	18.108
45	0.244	0.407	0.572	1.244	1.051	3.084	1.950	8.781	2.911	18.256
46	0.258	0.440	0.589	1.287	1.064	3.149	1.964	8.875	2.923	18.417
47	0.275	0.474	0.604	1.332	1.078	3.227	1.981	8.964	2.937	18.554
48	0.290	0.508	0.621	1.385	1.091	3.294	1.992	9.067	2.955	18.698
48	0.305	0.547	0.636	1.429	1.105	3.357	2.006	9.178	2.967	18.860
50	0.321	0.583	0.652	1.480	1.120	3.433	2.019	9.290	2.980	19.007
51	0.337	0.615	0.666	1.532	1.137	3.503	2.033	9.395	2.992	19.177
52	0.355	0.648	0.680	1.588	1.153	3.576	2.047	9.513	3.004	19.289
53	0.369	0.685	0.696	1.648	1.172	3.647	2.059	9.655	3.018	19.466
54	0.385	0.717	0.711	1.702	1.188	3.734	2.074	9.766	3.031	19.627
55	0.404	0.760	0.731	1.757	1.202	3.817	2.088	9.879	3.044	19.790
56	0.420	0.795	0.747	1.823	1.219	3.893	2.102	9.982	3.057	19.943
57	0.437	0.830	0.770	1.883	1.235	3.970	2.117	10.114	3.067	20.086
58	0.452	0.874	0.786	1.937	1.255	4.047	2.131	10.235	3.080	20.239
59	0.465	0.918	0.798	1.975	1.270	4.126	2.145	10.349	3.095	20.444
60	0.479	0.954	0.813	2.030	1.284	4.207	2.157	10.461	3.110	20.643
61	0.497	0.992	0.832	2.092	1.303	4.274	2.171	10.567	3.123	20.820

62	0.512	1.029	0.845	2.156	1.320	4.352	2.185	10.694	3.138	20.979
63	0.531	1.076	0.864	2.220	1.333	4.440	2.199	10.817	3.151	21.119
64	0.544	1.112	0.878	2.285	1.347	4.513	2.217	10.973	3.165	21.297
65	0.558	1.158	0.896	2.342	1.364	4.589	2.230	11.116	3.181	21.501
66	0.573	1.211	0.912	2.406	1.379	4.680	2.250	11.212	3.194	21.687
67	0.585	1.250	0.928	2.464	1.394	4.764	2.264	11.366	3.208	21.886
68	0.601	1.294	0.945	2.537	1.411	4.855	2.279	11.479	3.223	22.036
69	0.618	1.346	0.963	2.601	1.426	4.976	2.293	11.612	3.239	22.220
70	0.635	1.401	0.978	2.688	1.439	5.058	2.309	11.746	3.254	22.406
71	0.655	1.445	0.996	2.749	1.456	5.173	2.323	11.894	3.271	22.611
72	0.674	1.504	1.012	2.825	1.474	5.277	2.339	12.058	3.287	22.870
73	0.692	1.559	1.031	2.891	1.491	5.403	2.356	12.200	3.304	23.093
74	0.710	1.618	1.051	2.972	1.511	5.494	2.371	12.342	3.319	23.328
75	0.728	1.698	1.070	3.072	1.527	5.626	2.384	12.482	3.335	23.563
76	0.750	1.767	1.087	3.149	1.546	5.729	2.399	12.600	3.351	23.762
77	0.771	1.828	1.107	3.231	1.565	5.835	2.415	12.805	3.373	23.981
78	0.791	1.910	1.128	3.320	1.583	5.980	2.435	13.005	3.393	24.272
79	0.818	1.976	1.148	3.418	1.605	6.084	2.457	13.193	3.408	24.479
80	0.834	2.086	1.169	3.535	1.625	6.209	2.478	13.407	3.428	24.750
81	0.858	2.181	1.189	3.644	1.644	6.348	2.499	13.606	3.447	24.995
82	0.884	2.279	1.212	3.745	1.664	6.479	2.520	13.805	3.468	25.279
83	0.907	2.364	1.233	3.851	1.683	6.609	2.543	14.064	3.490	25.591
84	0.931	2.467	1.252	3.976	1.707	6.790	2.565	14.303	3.513	25.852
85	0.959	2.557	1.275	4.096	1.728	6.933	2.590	14.517	3.538	26.150
86	0.981	2.662	1.303	4.214	1.750	7.096	2.615	14.710	3.558	26.491
87	1.012	2.755	1.330	4.361	1.778	7.285	2.640	14.958	3.586	26.773
88	1.040	2.872	1.358	4.523	1.811	7.548	2.665	15.266	3.612	27.202
89	1.068	3.007	1.386	4.729	1.842	7.807	2.695	15.625	3.635	27.564
90	1.092	3.160	1.422	4.898	1.873	8.040	2.722	15.927	3.665	28.038
91	1.130	3.313	1.462	5.116	1.914	8.283	2.762	16.372	3.698	28.511
92	1.165	3.513	1.499	5.351	1.950	8.569	2.804	16.801	3.733	29.086
93	1.209	3.713	1.537	5.568	1.987	8.850	2.844	17.215	3.772	29.575

94	1.261	3.945	1.580	5.871	2.028	9.173	2.881	17.696	3.806	30.106
95	1.316	4.236	1.632	6.216	2.074	9.588	2.921	18.168	3.847	30.809
96	1.379	4.628	1.696	6.635	2.147	10.167	2.974	18.786	3.903	31.627
97	1.456	5.075	1.781	7.173	2.222	10.837	3.043	19.553	3.978	32.771
98	1.563	5.793	1.885	7.954	2.315	11.568	3.136	20.669	4.093	34.647
99	1.712	6.637	2.006	9.126	2.484	13.101	3.283	22.698	4.220	36.839
100	2.531	13.368	2.928	17.860	3.103	19.895	4.273	39.002	4.859	47.934

Cumulative Frequency distribution, 10,000 replications, medium mediated effect ("=.39, $=.39), all continuous variables

cum %	Sample Size									
	50		100		200		500		1000	
	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$
1	0.012	0.036	1.076	3.751	2.401	13.640	4.845	49.307	7.399	112.344
2	0.255	0.649	1.271	4.881	2.556	15.141	4.965	51.419	7.569	116.566
3	0.386	1.061	1.399	5.477	2.675	16.269	5.059	53.218	7.651	119.110
4	0.507	1.342	1.486	5.979	2.760	17.146	5.130	54.516	7.725	121.375
5	0.593	1.615	1.558	6.446	2.820	17.873	5.193	55.740	7.783	122.930
6	0.660	1.844	1.614	6.925	2.885	18.540	5.238	56.863	7.829	124.297
7	0.724	2.050	1.676	7.265	2.931	19.052	5.286	57.880	7.864	125.651
8	0.775	2.198	1.733	7.520	2.970	19.579	5.327	58.667	7.908	126.779
9	0.819	2.362	1.774	7.785	3.007	19.961	5.366	59.367	7.937	127.913
10	0.863	2.499	1.809	8.032	3.046	20.402	5.400	59.997	7.965	128.820
11	0.908	2.660	1.840	8.256	3.081	20.792	5.422	60.656	7.999	129.868
12	0.943	2.832	1.867	8.463	3.114	21.134	5.450	61.304	8.024	130.766
13	0.974	2.999	1.899	8.662	3.141	21.464	5.474	61.720	8.053	131.582
14	1.011	3.144	1.931	8.824	3.171	21.749	5.498	62.251	8.078	132.437
15	1.039	3.293	1.956	9.080	3.193	22.056	5.521	62.705	8.106	133.282
16	1.071	3.412	1.977	9.288	3.220	22.428	5.540	63.233	8.129	133.960
17	1.096	3.532	2.003	9.499	3.239	22.736	5.562	63.672	8.148	134.624
18	1.124	3.632	2.025	9.708	3.262	23.003	5.581	64.102	8.171	135.263
19	1.151	3.746	2.051	9.874	3.281	23.267	5.603	64.525	8.191	136.038
20	1.174	3.825	2.077	10.040	3.304	23.523	5.620	64.909	8.212	136.731
21	1.199	3.952	2.097	10.199	3.321	23.797	5.637	65.272	8.231	137.401
22	1.216	4.064	2.115	10.364	3.340	24.018	5.658	65.666	8.253	137.882
23	1.233	4.183	2.137	10.533	3.356	24.241	5.671	66.119	8.268	138.427
24	1.255	4.280	2.158	10.726	3.374	24.443	5.688	66.485	8.284	139.100
25	1.276	4.409	2.175	10.898	3.391	24.643	5.706	66.888	8.303	139.640
26	1.295	4.518	2.193	11.034	3.413	24.829	5.723	67.214	8.320	140.093
27	1.313	4.617	2.211	11.197	3.430	25.070	5.742	67.605	8.335	140.653
28	1.333	4.729	2.232	11.361	3.446	25.285	5.757	67.919	8.347	141.281
29	1.356	4.822	2.252	11.524	3.459	25.521	5.772	68.285	8.363	141.714

30	1.375	4.936	2.268	11.700	3.475	25.690	5.787	68.624	8.379	142.116
31	1.391	5.052	2.286	11.864	3.489	25.889	5.800	69.002	8.395	142.537
32	1.406	5.148	2.300	12.016	3.507	26.131	5.814	69.360	8.407	142.970
33	1.425	5.262	2.315	12.192	3.523	26.384	5.828	69.727	8.419	143.527
34	1.442	5.358	2.332	12.335	3.539	26.610	5.842	70.064	8.434	143.941
35	1.458	5.451	2.349	12.478	3.555	26.805	5.859	70.371	8.448	144.429
36	1.474	5.524	2.366	12.644	3.569	26.998	5.872	70.692	8.461	144.897
37	1.490	5.622	2.384	12.787	3.586	27.195	5.884	70.991	8.478	145.399
38	1.506	5.705	2.402	12.923	3.600	27.384	5.899	71.273	8.491	145.881
39	1.521	5.796	2.419	13.069	3.614	27.608	5.911	71.550	8.505	146.365
40	1.535	5.893	2.435	13.212	3.626	27.781	5.925	71.807	8.517	146.827
41	1.547	5.992	2.449	13.370	3.640	27.961	5.939	72.170	8.531	147.290
42	1.562	6.098	2.467	13.528	3.649	28.167	5.954	72.477	8.545	147.737
43	1.577	6.197	2.481	13.635	3.664	28.367	5.965	72.732	8.558	148.158
44	1.591	6.302	2.495	13.790	3.680	28.578	5.980	73.067	8.572	148.603
45	1.610	6.410	2.509	13.934	3.696	28.817	5.991	73.319	8.585	148.966
46	1.626	6.509	2.524	14.060	3.709	29.019	6.004	73.628	8.597	149.396
47	1.642	6.603	2.537	14.211	3.724	29.228	6.016	73.916	8.610	149.860
48	1.658	6.699	2.551	14.344	3.737	29.424	6.026	74.240	8.624	150.371
48	1.671	6.791	2.563	14.465	3.753	29.615	6.040	74.635	8.637	150.875
50	1.687	6.892	2.579	14.606	3.766	29.812	6.050	74.903	8.653	151.290
51	1.699	6.982	2.592	14.730	3.778	30.025	6.063	75.227	8.667	151.754
52	1.714	7.072	2.607	14.893	3.792	30.238	6.077	75.484	8.677	152.273
53	1.728	7.171	2.619	15.056	3.806	30.439	6.089	75.869	8.689	152.748
54	1.743	7.256	2.631	15.184	3.818	30.661	6.105	76.166	8.703	153.239
55	1.760	7.357	2.646	15.323	3.833	30.869	6.121	76.517	8.719	153.754
56	1.772	7.456	2.659	15.488	3.846	31.042	6.136	76.899	8.733	154.214
57	1.787	7.556	2.673	15.647	3.860	31.277	6.149	77.256	8.746	154.671
58	1.800	7.655	2.687	15.819	3.872	31.533	6.163	77.578	8.761	155.163
59	1.813	7.774	2.699	15.952	3.886	31.765	6.178	77.896	8.773	155.585
60	1.827	7.891	2.715	16.111	3.902	31.990	6.190	78.295	8.788	156.011
61	1.840	8.004	2.729	16.230	3.915	32.178	6.205	78.622	8.801	156.595

62	1.854	8.118	2.744	16.379	3.932	32.408	6.218	78.947	8.813	157.065
63	1.867	8.241	2.760	16.574	3.944	32.628	6.233	79.261	8.830	157.547
64	1.883	8.347	2.774	16.768	3.958	32.762	6.249	79.606	8.841	158.155
65	1.901	8.479	2.787	16.938	3.973	33.012	6.262	80.022	8.856	158.662
66	1.917	8.619	2.799	17.127	3.986	33.236	6.276	80.377	8.873	159.195
67	1.936	8.729	2.814	17.290	3.998	33.449	6.293	80.776	8.888	159.777
68	1.955	8.860	2.833	17.470	4.012	33.649	6.307	81.132	8.903	160.341
69	1.972	9.016	2.850	17.648	4.027	33.889	6.322	81.435	8.920	160.715
70	1.989	9.179	2.865	17.813	4.041	34.141	6.336	81.861	8.933	161.246
71	2.007	9.337	2.883	17.998	4.056	34.422	6.352	82.286	8.949	161.750
72	2.027	9.474	2.899	18.153	4.071	34.665	6.368	82.663	8.962	162.310
73	2.044	9.583	2.914	18.358	4.086	34.951	6.385	83.087	8.978	162.886
74	2.063	9.714	2.930	18.531	4.104	35.197	6.400	83.490	8.994	163.329
75	2.082	9.894	2.949	18.728	4.118	35.392	6.418	83.883	9.010	163.844
76	2.100	10.032	2.965	18.964	4.135	35.640	6.436	84.342	9.023	164.521
77	2.115	10.176	2.983	19.179	4.150	35.929	6.452	84.788	9.042	165.162
78	2.135	10.339	3.005	19.443	4.167	36.234	6.469	85.248	9.062	165.876
79	2.153	10.525	3.024	19.693	4.188	36.505	6.484	85.596	9.078	166.512
80	2.177	10.681	3.042	19.890	4.205	36.800	6.501	86.134	9.097	167.115
81	2.199	10.897	3.063	20.103	4.225	37.181	6.519	86.640	9.116	167.771
82	2.221	11.076	3.087	20.425	4.244	37.592	6.539	87.033	9.136	168.500
83	2.245	11.285	3.105	20.658	4.264	37.922	6.561	87.635	9.157	169.181
84	2.272	11.540	3.126	20.904	4.288	38.253	6.585	88.144	9.178	170.084
85	2.295	11.756	3.154	21.236	4.309	38.621	6.605	88.709	9.199	170.774
86	2.320	11.983	3.179	21.484	4.327	39.064	6.626	89.314	9.219	171.528
87	2.345	12.215	3.204	21.794	4.351	39.398	6.651	89.803	9.239	172.460
88	2.373	12.488	3.226	22.120	4.379	39.813	6.674	90.662	9.265	173.314
89	2.403	12.738	3.254	22.542	4.403	40.285	6.701	91.306	9.288	174.159
90	2.439	13.008	3.285	22.935	4.432	40.707	6.734	92.104	9.316	175.237
91	2.469	13.412	3.319	23.300	4.463	41.199	6.761	93.164	9.349	176.190
92	2.510	13.847	3.356	23.803	4.497	41.833	6.808	94.155	9.376	177.534
93	2.556	14.252	3.399	24.336	4.537	42.438	6.849	95.199	9.416	178.719

94	2.607	14.739	3.441	24.938	4.577	43.208	6.891	96.422	9.454	180.406
95	2.658	15.249	3.492	25.712	4.618	44.032	6.936	97.588	9.504	182.167
96	2.725	16.132	3.551	26.438	4.671	45.175	7.000	99.317	9.554	184.368
97	2.803	16.904	3.624	27.643	4.754	46.377	7.056	101.170	9.634	187.091
98	2.888	17.856	3.726	29.276	4.855	48.343	7.149	103.363	9.723	190.312
99	3.052	19.666	3.891	31.381	5.018	51.829	7.303	108.246	9.884	197.229
100	3.596	30.268	4.575	44.727	5.887	70.953	8.300	141.795	10.607	225.502

Cumulative Frequency distribution, 10,000 replications, large mediated effect ("=.59, $=.59), all continuous variables

cum %	Sample Size									
	50		100		200		500		1000	
	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$
1	1.191	4.831	2.613	16.162	4.418	41.933	7.983	130.438	11.860	285.103
2	1.411	5.964	2.791	17.920	4.596	44.776	8.135	134.519	12.021	291.577
3	1.541	6.636	2.911	19.164	4.709	46.849	8.227	137.705	12.117	296.080
4	1.636	7.238	2.987	20.136	4.787	48.104	8.292	139.963	12.184	298.945
5	1.706	7.607	3.049	20.823	4.846	49.134	8.356	141.739	12.239	301.559
6	1.768	7.946	3.110	21.386	4.891	50.141	8.404	143.451	12.293	304.146
7	1.815	8.340	3.154	22.012	4.937	51.303	8.444	144.705	12.334	306.342
8	1.860	8.684	3.200	22.552	4.987	52.255	8.476	146.180	12.369	308.450
9	1.896	9.020	3.232	22.962	5.028	52.909	8.517	147.217	12.408	310.278
10	1.935	9.282	3.265	23.346	5.065	53.514	8.543	148.057	12.442	311.912
11	1.972	9.544	3.294	23.771	5.094	53.963	8.574	149.032	12.469	313.457
12	2.009	9.761	3.324	24.156	5.122	54.472	8.605	150.151	12.500	314.919
13	2.039	10.017	3.352	24.487	5.146	55.046	8.630	151.120	12.530	316.221
14	2.065	10.298	3.385	24.825	5.171	55.570	8.657	151.974	12.556	317.325
15	2.096	10.565	3.413	25.137	5.199	56.158	8.680	152.991	12.576	318.402
16	2.124	10.714	3.435	25.642	5.221	56.586	8.703	153.757	12.595	319.525
17	2.152	10.953	3.457	25.946	5.248	57.075	8.728	154.507	12.615	320.584
18	2.177	11.141	3.484	26.304	5.273	57.495	8.752	155.286	12.632	321.596
19	2.202	11.376	3.512	26.614	5.292	57.882	8.773	155.933	12.656	322.519
20	2.227	11.543	3.535	26.883	5.311	58.407	8.793	156.692	12.677	323.601
21	2.244	11.716	3.557	27.189	5.327	58.823	8.814	157.353	12.700	324.740
22	2.267	11.908	3.575	27.438	5.346	59.209	8.833	158.126	12.723	325.767
23	2.288	12.115	3.592	27.723	5.364	59.593	8.853	158.697	12.743	326.650
24	2.305	12.316	3.610	28.082	5.384	60.003	8.872	159.368	12.760	327.554
25	2.325	12.500	3.630	28.355	5.404	60.397	8.891	159.974	12.776	328.406
26	2.343	12.667	3.647	28.548	5.422	60.716	8.909	160.626	12.793	329.335
27	2.362	12.846	3.669	28.774	5.440	61.015	8.925	161.246	12.805	330.139
28	2.383	13.038	3.688	29.053	5.453	61.357	8.940	161.829	12.824	330.978
29	2.399	13.240	3.702	29.300	5.467	61.847	8.957	162.429	12.838	331.809

30	2.415	13.383	3.717	29.491	5.480	62.185	8.971	162.931	12.851	332.405
31	2.435	13.513	3.732	29.711	5.498	62.523	8.985	163.459	12.868	333.253
32	2.454	13.667	3.748	29.930	5.513	62.832	9.000	163.936	12.880	333.965
33	2.472	13.832	3.764	30.143	5.531	63.144	9.014	164.477	12.895	334.707
34	2.488	13.945	3.777	30.146	5.548	63.471	9.029	165.012	12.909	335.440
35	2.504	14.068	3.791	30.388	5.563	63.766	9.043	165.485	12.922	336.102
36	2.518	14.220	3.805	30.641	5.579	64.052	9.060	166.002	12.939	336.912
37	2.533	14.410	3.822	30.846	5.593	64.446	9.070	166.539	12.952	337.587
38	2.550	14.583	3.835	31.052	5.606	64.810	9.085	167.051	12.964	338.344
39	2.567	14.778	3.851	31.290	5.620	65.150	9.099	167.722	12.979	339.058
40	2.583	14.943	3.867	31.515	5.633	65.452	9.113	168.220	12.996	339.850
41	2.593	15.085	3.882	31.704	5.649	65.795	9.126	168.752	13.010	340.607
42	2.608	15.243	3.897	31.938	5.665	66.092	9.143	169.189	13.024	341.419
43	2.622	15.408	3.911	32.153	5.680	66.376	9.160	169.654	13.038	341.993
44	2.637	15.524	3.925	32.365	5.694	66.818	9.173	170.100	13.052	342.778
45	2.654	15.664	3.938	32.601	5.707	67.120	9.185	170.685	13.064	343.492
46	2.670	15.849	3.952	32.903	5.721	67.392	9.186	171.302	13.079	344.193
47	2.684	16.027	3.965	33.127	5.733	67.718	9.199	171.882	13.096	344.938
48	2.700	16.219	3.980	33.321	5.749	68.015	9.215	172.295	13.110	345.649
48	2.712	16.366	3.995	33.532	5.762	68.306	9.230	172.816	13.123	346.456
50	2.729	16.536	4.012	33.780	5.776	68.607	9.245	173.366	13.136	347.033
51	2.743	16.733	4.029	33.957	5.790	68.891	9.257	173.831	13.154	347.845
52	2.759	16.947	4.041	34.161	5.802	69.221	9.269	174.341	13.168	348.707
53	2.775	17.110	4.054	34.360	5.814	69.497	9.284	174.799	13.182	349.602
54	2.791	17.258	4.070	34.607	5.829	69.891	9.298	175.283	13.197	350.190
55	2.808	17.427	4.084	34.831	5.844	70.221	9.312	175.829	13.210	351.015
56	2.824	17.555	4.098	35.034	5.858	70.517	9.326	176.280	13.222	351.710
57	2.841	17.721	4.115	35.247	5.874	70.833	9.338	176.770	13.237	352.282
58	2.855	17.880	4.129	35.486	5.887	71.154	9.351	177.245	13.251	353.062
59	2.870	18.047	4.142	35.736	5.903	71.548	9.365	177.649	13.264	353.713
60	2.887	18.203	4.155	35.931	5.916	71.842	9.374	178.115	13.279	354.547
61	2.901	18.368	4.168	36.145	5.930	72.151	9.386	178.583	13.291	355.286

62	2.914	18.564	4.183	36.412	5.946	72.495	9.398	179.164	13.308	356.123
63	2.929	18.762	4.198	36.634	5.958	72.870	9.408	179.805	13.319	356.858
64	2.946	18.955	4.211	36.861	5.972	73.168	9.422	180.315	13.337	357.765
65	2.962	19.113	4.225	37.079	5.988	73.481	9.438	180.794	13.352	358.597
66	2.977	19.323	4.237	37.347	6.002	73.834	9.454	181.277	13.367	359.414
67	2.995	19.550	4.253	37.550	6.016	74.128	9.469	181.808	13.382	360.150
68	3.011	19.733	4.270	37.769	6.028	74.479	9.483	182.439	13.398	360.785
69	3.026	19.937	4.284	38.012	6.044	74.855	9.498	183.118	13.409	361.550
70	3.048	20.146	4.299	38.264	6.059	75.159	9.514	183.679	13.423	362.352
71	3.064	20.338	4.313	38.552	6.075	75.563	9.530	184.312	13.437	363.021
72	3.079	20.576	4.330	38.820	6.090	76.086	9.548	184.807	13.451	363.860
73	3.097	20.803	4.346	39.082	6.106	76.500	9.563	185.450	13.467	364.846
74	3.112	21.008	4.362	39.414	6.126	76.895	9.582	186.136	13.486	365.672
75	3.129	21.246	4.382	39.786	6.145	77.349	9.599	186.742	13.505	366.600
76	3.147	21.498	4.402	40.085	6.164	77.797	9.616	187.429	13.522	367.603
77	3.170	21.773	4.423	40.430	6.186	78.231	9.633	188.159	13.540	368.770
78	3.191	21.991	4.440	40.737	6.203	78.714	9.650	188.896	13.561	369.565
79	3.211	22.187	4.460	41.079	6.226	79.198	9.668	189.579	13.577	370.549
80	3.230	22.399	4.479	41.438	6.244	79.729	9.689	190.326	13.594	371.637
81	3.250	22.705	4.499	41.804	6.266	80.249	9.707	191.015	13.612	372.453
82	3.267	22.908	4.519	42.268	6.288	80.853	9.725	191.730	13.630	373.541
83	3.288	23.213	4.541	42.651	6.311	81.456	9.745	192.484	13.649	374.624
84	3.312	23.492	4.565	43.028	6.335	81.975	9.764	193.351	13.672	375.803
85	3.336	23.747	4.592	43.458	6.358	82.597	9.783	194.213	13.698	377.241
86	3.367	24.115	4.614	43.866	6.377	83.277	9.808	195.335	13.721	378.502
87	3.392	24.488	4.643	44.287	6.408	83.917	9.832	196.516	13.744	379.904
88	3.418	24.866	4.666	44.687	6.434	84.553	9.861	197.463	13.773	381.276
89	3.448	25.395	4.692	45.150	6.459	85.358	9.889	198.519	13.801	382.861
90	3.478	25.833	4.723	45.743	6.493	86.047	9.916	199.826	13.832	384.601
91	3.515	26.402	4.756	46.360	6.525	86.893	9.949	201.023	13.862	386.210
92	3.550	27.037	4.795	47.068	6.560	87.941	9.985	202.261	13.891	387.924
93	3.596	27.585	4.835	47.662	6.602	88.972	10.013	204.383	13.934	390.460

94	3.651	28.223	4.882	48.423	6.643	90.034	10.051	206.039	13.978	392.542
95	3.692	29.169	4.936	49.215	6.691	91.405	10.053	207.979	14.035	395.708
96	3.771	30.124	5.005	50.373	6.760	92.992	10.112	210.156	14.105	399.427
97	3.846	31.326	5.082	51.578	6.833	94.935	10.150	213.071	14.186	404.200
98	3.946	32.910	5.209	53.189	6.920	97.259	10.211	216.846	14.292	409.973
99	4.138	36.007	5.360	56.085	7.064	101.552	10.286	224.897	14.410	417.755
100	4.878	49.370	6.324	59.506	8.089	132.664	10.370	263.427	15.109	457.445

Cumulative Frequency distribution, 10,000 replications, no mediated effect, dichotomous independent variable

	Sample Size									
cum %	50		100		200		500		1000	
	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$
1	-1.093	-3.091	-1.071	-3.060	-1.092	-2.983	-1.129	-3.196	-1.050	-2.789
2	-0.968	-2.497	-0.941	-2.358	-0.929	-2.382	-0.959	-2.477	-0.927	-2.262
3	-0.881	-2.137	-0.833	-1.943	-0.850	-2.046	-0.876	-2.134	-0.833	-1.992
4	-0.807	-1.915	-0.766	-1.722	-0.791	-1.842	-0.790	-1.847	-0.755	-1.728
5	-0.750	-1.698	-0.712	-1.540	-0.727	-1.649	-0.739	-1.648	-0.709	-1.527
6	-0.695	-1.510	-0.664	-1.389	-0.684	-1.492	-0.688	-1.498	-0.662	-1.381
7	-0.653	-1.371	-0.615	-1.270	-0.642	-1.356	-0.654	-1.355	-0.625	-1.268
8	-0.609	-1.270	-0.581	-1.153	-0.610	-1.228	-0.612	-1.240	-0.593	-1.176
9	-0.575	-1.166	-0.552	-1.056	-0.582	-1.124	-0.571	-1.141	-0.558	-1.099
10	-0.546	-1.047	-0.520	-0.985	-0.546	-1.060	-0.542	-1.036	-0.532	-1.024
11	-0.513	-0.974	-0.497	-0.909	-0.521	-0.979	-0.510	-0.955	-0.503	-0.940
12	-0.485	-0.901	-0.461	-0.850	-0.498	-0.912	-0.476	-0.893	-0.480	-0.884
13	-0.463	-0.842	-0.438	-0.775	-0.473	-0.851	-0.450	-0.818	-0.453	-0.817
14	-0.442	-0.781	-0.414	-0.718	-0.450	-0.796	-0.430	-0.754	-0.433	-0.751
15	-0.416	-0.740	-0.391	-0.666	-0.426	-0.748	-0.406	-0.704	-0.412	-0.708
16	-0.395	-0.697	-0.369	-0.622	-0.406	-0.703	-0.384	-0.658	-0.394	-0.667
17	-0.374	-0.651	-0.352	-0.579	-0.382	-0.651	-0.362	-0.616	-0.375	-0.630
18	-0.349	-0.603	-0.335	-0.543	-0.362	-0.614	-0.345	-0.570	-0.354	-0.593
19	-0.336	-0.567	-0.318	-0.509	-0.344	-0.579	-0.328	-0.531	-0.337	-0.547
20	-0.317	-0.523	-0.300	-0.480	-0.328	-0.542	-0.312	-0.499	-0.316	-0.513
21	-0.299	-0.486	-0.284	-0.453	-0.307	-0.509	-0.297	-0.467	-0.298	-0.476
22	-0.281	-0.453	-0.270	-0.423	-0.292	-0.474	-0.282	-0.437	-0.282	-0.443
23	-0.264	-0.418	-0.256	-0.394	-0.275	-0.443	-0.269	-0.411	-0.267	-0.411
24	-0.249	-0.392	-0.240	-0.369	-0.263	-0.410	-0.253	-0.389	-0.251	-0.387
25	-0.236	-0.366	-0.228	-0.345	-0.252	-0.383	-0.240	-0.367	-0.239	-0.362
26	-0.220	-0.339	-0.214	-0.322	-0.240	-0.361	-0.227	-0.340	-0.225	-0.343
27	-0.208	-0.308	-0.199	-0.296	-0.224	-0.336	-0.214	-0.316	-0.213	-0.318
28	-0.193	-0.282	-0.187	-0.273	-0.212	-0.315	-0.202	-0.296	-0.201	-0.294
29	-0.181	-0.263	-0.174	-0.252	-0.196	-0.288	-0.190	-0.271	-0.191	-0.274

30	-0.169	-0.242	-0.163	-0.235	-0.183	-0.267	-0.176	-0.252	-0.176	-0.252
31	-0.157	-0.222	-0.152	-0.211	-0.170	-0.245	-0.164	-0.234	-0.164	-0.231
32	-0.148	-0.205	-0.139	-0.192	-0.159	-0.226	-0.153	-0.214	-0.152	-0.212
33	-0.138	-0.190	-0.128	-0.176	-0.147	-0.206	-0.141	-0.198	-0.139	-0.193
34	-0.126	-0.174	-0.116	-0.161	-0.137	-0.190	-0.130	-0.179	-0.128	-0.174
35	-0.117	-0.160	-0.105	-0.144	-0.128	-0.173	-0.118	-0.158	-0.118	-0.159
36	-0.109	-0.147	-0.096	-0.128	-0.117	-0.157	-0.107	-0.140	-0.107	-0.145
37	-0.100	-0.133	-0.087	-0.114	-0.107	-0.144	-0.098	-0.128	-0.097	-0.127
38	-0.089	-0.119	-0.078	-0.102	-0.097	-0.128	-0.088	-0.114	-0.087	-0.110
39	-0.080	-0.104	-0.068	-0.089	-0.088	-0.114	-0.075	-0.099	-0.077	-0.097
40	-0.071	-0.092	-0.060	-0.077	-0.077	-0.100	-0.067	-0.088	-0.069	-0.087
41	-0.064	-0.082	-0.052	-0.065	-0.067	-0.087	-0.058	-0.075	-0.061	-0.077
42	-0.056	-0.071	-0.044	-0.055	-0.059	-0.075	-0.049	-0.061	-0.051	-0.064
43	-0.047	-0.059	-0.037	-0.045	-0.050	-0.064	-0.042	-0.052	-0.045	-0.056
44	-0.037	-0.047	-0.028	-0.035	-0.044	-0.053	-0.036	-0.044	-0.037	-0.046
45	-0.029	-0.046	-0.021	-0.025	-0.037	-0.044	-0.029	-0.034	-0.030	-0.036
46	-0.022	-0.036	-0.015	-0.017	-0.030	-0.036	-0.023	-0.027	-0.022	-0.028
47	-0.014	-0.025	-0.009	-0.010	-0.023	-0.028	-0.015	-0.017	-0.016	-0.020
48	-0.008	-0.017	-0.004	-0.004	-0.017	-0.020	-0.009	-0.010	-0.009	-0.010
48	-0.002	-0.009	-0.003	0.000	-0.011	-0.013	-0.004	-0.004	-0.004	-0.005
50	0.002	-0.002	0.004	0.004	-0.005	-0.005	0.000	0.000	0.000	0.000
51	0.007	0.003	0.009	0.009	0.000	0.000	0.005	0.005	0.004	0.005
52	0.012	0.008	0.014	0.017	0.005	0.006	0.010	0.012	0.010	0.012
53	0.017	0.014	0.021	0.025	0.011	0.013	0.016	0.019	0.017	0.020
54	0.024	0.021	0.029	0.035	0.016	0.020	0.022	0.026	0.023	0.028
55	0.031	0.029	0.036	0.046	0.023	0.027	0.028	0.033	0.030	0.037
56	0.039	0.038	0.044	0.055	0.030	0.037	0.035	0.044	0.038	0.046
57	0.047	0.049	0.053	0.067	0.038	0.047	0.043	0.053	0.045	0.056
58	0.054	0.060	0.062	0.077	0.047	0.060	0.051	0.062	0.052	0.066
59	0.063	0.070	0.070	0.089	0.056	0.070	0.058	0.074	0.061	0.077
60	0.073	0.084	0.078	0.103	0.065	0.084	0.068	0.087	0.069	0.089
61	0.082	0.095	0.087	0.117	0.075	0.095	0.077	0.100	0.078	0.103

62	0.090	0.108	0.098	0.131	0.083	0.109	0.087	0.116	0.087	0.118
63	0.101	0.120	0.108	0.146	0.091	0.119	0.097	0.129	0.098	0.133
64	0.111	0.136	0.116	0.162	0.101	0.131	0.108	0.146	0.106	0.148
65	0.122	0.149	0.129	0.177	0.110	0.146	0.120	0.162	0.118	0.163
66	0.133	0.166	0.140	0.196	0.118	0.162	0.132	0.180	0.129	0.180
67	0.144	0.181	0.150	0.215	0.131	0.181	0.141	0.201	0.139	0.196
68	0.155	0.201	0.162	0.236	0.142	0.198	0.152	0.217	0.153	0.212
69	0.168	0.220	0.174	0.256	0.154	0.217	0.165	0.237	0.162	0.228
70	0.179	0.239	0.187	0.275	0.166	0.238	0.178	0.257	0.174	0.247
71	0.193	0.264	0.201	0.296	0.180	0.258	0.193	0.275	0.187	0.271
72	0.206	0.290	0.212	0.318	0.194	0.280	0.204	0.297	0.200	0.292
73	0.220	0.312	0.224	0.338	0.207	0.300	0.217	0.324	0.214	0.322
74	0.235	0.337	0.236	0.363	0.220	0.327	0.233	0.349	0.228	0.347
75	0.247	0.357	0.252	0.386	0.234	0.353	0.247	0.373	0.245	0.382
76	0.260	0.381	0.266	0.413	0.250	0.387	0.260	0.399	0.260	0.413
77	0.275	0.407	0.279	0.439	0.267	0.411	0.275	0.433	0.280	0.445
78	0.292	0.442	0.296	0.463	0.282	0.446	0.290	0.461	0.295	0.475
79	0.309	0.474	0.312	0.497	0.298	0.482	0.306	0.491	0.312	0.505
80	0.323	0.510	0.327	0.535	0.316	0.513	0.320	0.522	0.331	0.546
81	0.338	0.538	0.347	0.578	0.332	0.549	0.338	0.562	0.350	0.583
82	0.360	0.574	0.367	0.618	0.347	0.595	0.358	0.602	0.371	0.622
83	0.379	0.606	0.386	0.652	0.366	0.634	0.379	0.648	0.386	0.660
84	0.397	0.646	0.406	0.702	0.385	0.675	0.398	0.694	0.410	0.706
85	0.419	0.688	0.427	0.756	0.406	0.718	0.421	0.733	0.425	0.756
86	0.442	0.744	0.451	0.819	0.429	0.767	0.441	0.785	0.446	0.806
87	0.461	0.796	0.476	0.879	0.449	0.813	0.461	0.847	0.469	0.861
88	0.486	0.848	0.498	0.939	0.468	0.862	0.486	0.910	0.493	0.920
89	0.515	0.921	0.525	1.013	0.496	0.938	0.513	0.977	0.518	0.982
90	0.546	0.999	0.555	1.097	0.522	0.995	0.540	1.059	0.547	1.056
91	0.579	1.083	0.589	1.183	0.550	1.081	0.575	1.140	0.574	1.134
92	0.611	1.153	0.624	1.282	0.583	1.168	0.608	1.227	0.603	1.227
93	0.658	1.267	0.662	1.380	0.617	1.269	0.637	1.317	0.640	1.329

94	0.699	1.375	0.693	1.512	0.655	1.383	0.675	1.429	0.674	1.449
95	0.753	1.525	0.739	1.684	0.712	1.536	0.722	1.590	0.722	1.576
96	0.805	1.686	0.805	1.854	0.769	1.745	0.784	1.772	0.764	1.770
97	0.876	1.867	0.861	2.083	0.833	1.956	0.856	2.045	0.842	1.980
98	0.975	2.150	0.952	2.500	0.931	2.321	0.950	2.375	0.928	2.375
99	1.108	2.535	1.118	3.197	1.066	2.889	1.082	2.994	1.080	2.945
100	1.775	3.129	2.049	8.994	1.830	7.946	1.937	8.033	1.624	5.913

Cumulative Frequency distribution, 10,000 replications, small mediated effect ("=.28, $=.14), dichotomous independent variable

	Sample Size									
cum %	50		100		200		500		1000	
	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$
1	-0.952	-2.626	-0.806	-2.286	-0.473	-1.272	0.500	1.336	1.601	6.683
2	-0.787	-1.980	-0.616	-1.486	-0.281	-0.643	0.703	2.053	1.767	8.072
3	-0.711	-1.642	-0.503	-1.111	-0.159	-0.316	0.798	2.471	1.887	8.801
4	-0.633	-1.423	-0.414	-0.894	-0.051	-0.115	0.910	2.881	1.959	9.451
5	-0.577	-1.241	-0.362	-0.688	0.018	0.029	0.998	3.137	2.029	9.903
6	-0.513	-1.097	-0.304	-0.583	0.082	0.157	1.053	3.411	2.093	10.367
7	-0.465	-0.940	-0.257	-0.476	0.148	0.283	1.109	3.676	2.143	10.691
8	-0.423	-0.822	-0.209	-0.393	0.201	0.393	1.156	3.906	2.191	11.103
9	-0.382	-0.712	-0.175	-0.305	0.241	0.513	1.201	4.100	2.226	11.438
10	-0.348	-0.624	-0.139	-0.234	0.281	0.605	1.240	4.324	2.262	11.740
11	-0.316	-0.562	-0.105	-0.174	0.324	0.694	1.278	4.497	2.290	12.056
12	-0.280	-0.506	-0.077	-0.117	0.358	0.770	1.316	4.663	2.319	12.274
13	-0.253	-0.447	-0.046	-0.076	0.388	0.840	1.353	4.854	2.349	12.551
14	-0.231	-0.382	-0.023	-0.031	0.420	0.917	1.386	5.006	2.380	12.775
15	-0.205	-0.332	-0.005	-0.007	0.450	0.985	1.410	5.178	2.408	13.066
16	-0.186	-0.299	0.014	0.021	0.480	1.065	1.434	5.330	2.432	13.292
17	-0.165	-0.262	0.039	0.057	0.502	1.144	1.460	5.474	2.452	13.510
18	-0.146	-0.226	0.056	0.088	0.531	1.218	1.485	5.619	2.477	13.737
19	-0.129	-0.196	0.076	0.129	0.554	1.284	1.512	5.735	2.498	13.933
20	-0.112	-0.166	0.097	0.165	0.574	1.346	1.538	5.880	2.520	14.136
21	-0.094	-0.139	0.122	0.203	0.603	1.420	1.560	6.029	2.538	14.307
22	-0.076	-0.109	0.144	0.243	0.624	1.482	1.578	6.156	2.561	14.537
23	-0.056	-0.080	0.170	0.278	0.642	1.566	1.601	6.273	2.579	14.698
24	-0.043	-0.057	0.189	0.324	0.664	1.630	1.619	6.399	2.597	14.862
25	-0.030	-0.038	0.209	0.365	0.684	1.714	1.638	6.516	2.615	15.019
26	-0.015	-0.022	0.230	0.404	0.706	1.774	1.658	6.647	2.629	15.194
27	-0.001	-0.002	0.252	0.441	0.729	1.848	1.677	6.767	2.646	15.383
28	0.007	0.009	0.270	0.488	0.748	1.910	1.693	6.891	2.664	15.593
29	0.019	0.024	0.287	0.520	0.767	1.984	1.712	7.038	2.681	15.718

30	0.030	0.045	0.307	0.560	0.787	2.046	1.728	7.152	2.694	15.881
31	0.043	0.064	0.322	0.606	0.807	2.105	1.745	7.267	2.707	16.023
32	0.056	0.079	0.341	0.647	0.826	2.184	1.761	7.385	2.724	16.167
33	0.070	0.096	0.358	0.693	0.844	2.262	1.775	7.516	2.737	16.329
34	0.084	0.123	0.374	0.740	0.864	2.323	1.791	7.614	2.752	16.474
35	0.099	0.146	0.389	0.784	0.880	2.406	1.807	7.723	2.765	16.648
36	0.113	0.170	0.407	0.829	0.898	2.481	1.820	7.836	2.780	16.813
37	0.127	0.193	0.427	0.866	0.913	2.540	1.835	7.923	2.791	16.962
38	0.140	0.214	0.447	0.913	0.932	2.597	1.849	8.039	2.805	17.121
39	0.155	0.241	0.462	0.955	0.950	2.668	1.866	8.145	2.818	17.297
40	0.170	0.263	0.480	1.000	0.967	2.742	1.879	8.243	2.834	17.480
41	0.186	0.292	0.495	1.041	0.983	2.813	1.895	8.331	2.846	17.596
42	0.200	0.325	0.514	1.091	0.999	2.881	1.912	8.429	2.860	17.733
43	0.213	0.349	0.532	1.146	1.013	2.937	1.926	8.551	2.875	17.904
44	0.231	0.379	0.551	1.191	1.032	3.011	1.941	8.645	2.890	18.052
45	0.247	0.415	0.569	1.239	1.050	3.080	1.955	8.759	2.905	18.238
46	0.264	0.442	0.589	1.289	1.069	3.144	1.971	8.863	2.920	18.361
47	0.281	0.476	0.603	1.332	1.086	3.201	1.985	8.985	2.932	18.516
48	0.296	0.506	0.621	1.383	1.098	3.270	1.999	9.093	2.946	18.677
48	0.313	0.544	0.637	1.442	1.111	3.333	2.010	9.204	2.962	18.834
50	0.328	0.574	0.653	1.502	1.125	3.395	2.023	9.315	2.976	18.993
51	0.343	0.608	0.669	1.545	1.141	3.469	2.035	9.435	2.990	19.153
52	0.357	0.645	0.686	1.590	1.156	3.538	2.048	9.549	3.003	19.286
53	0.374	0.685	0.702	1.636	1.171	3.614	2.063	9.660	3.017	19.436
54	0.389	0.722	0.717	1.695	1.186	3.688	2.078	9.776	3.031	19.600
55	0.402	0.764	0.735	1.747	1.201	3.761	2.094	9.901	3.044	19.776
56	0.419	0.805	0.750	1.806	1.215	3.830	2.107	9.991	3.058	19.967
57	0.435	0.839	0.766	1.870	1.231	3.909	2.121	10.111	3.072	20.103
58	0.452	0.879	0.779	1.928	1.246	4.003	2.134	10.207	3.085	20.278
59	0.469	0.919	0.798	1.979	1.262	4.089	2.146	10.337	3.100	20.453
60	0.484	0.968	0.816	2.047	1.276	4.155	2.161	10.466	3.113	20.643
61	0.501	1.012	0.831	2.107	1.291	4.224	2.176	10.597	3.127	20.793

62	0.518	1.050	0.848	2.177	1.305	4.291	2.187	10.725	3.143	20.955
63	0.536	1.097	0.866	2.241	1.322	4.390	2.200	10.839	3.155	21.160
64	0.549	1.148	0.886	2.298	1.339	4.472	2.215	10.954	3.171	21.340
65	0.563	1.194	0.900	2.356	1.354	4.569	2.233	11.073	3.186	21.524
66	0.581	1.240	0.914	2.413	1.369	4.655	2.249	11.208	3.202	21.686
67	0.599	1.290	0.929	2.475	1.385	4.732	2.262	11.341	3.216	21.869
68	0.616	1.349	0.946	2.536	1.398	4.816	2.276	11.465	3.231	22.083
69	0.635	1.394	0.962	2.598	1.415	4.915	2.290	11.609	3.247	22.310
70	0.649	1.448	0.978	2.660	1.432	5.015	2.307	11.738	3.261	22.506
71	0.665	1.493	0.994	2.747	1.449	5.134	2.321	11.860	3.279	22.681
72	0.683	1.544	1.012	2.833	1.465	5.238	2.335	12.005	3.294	22.860
73	0.701	1.601	1.027	2.906	1.481	5.337	2.349	12.158	3.308	23.105
74	0.716	1.664	1.043	2.971	1.497	5.463	2.368	12.305	3.320	23.329
75	0.735	1.727	1.058	3.043	1.516	5.564	2.384	12.517	3.340	23.545
76	0.756	1.791	1.077	3.131	1.535	5.689	2.401	12.656	3.356	23.801
77	0.775	1.848	1.099	3.210	1.553	5.812	2.420	12.825	3.373	24.018
78	0.797	1.930	1.121	3.300	1.575	5.938	2.440	13.015	3.393	24.245
79	0.818	1.999	1.140	3.388	1.598	6.052	2.461	13.254	3.412	24.503
80	0.839	2.083	1.159	3.501	1.621	6.207	2.482	13.389	3.428	24.726
81	0.859	2.169	1.180	3.608	1.643	6.356	2.503	13.421	3.450	24.941
82	0.886	2.254	1.203	3.733	1.660	6.496	2.524	13.556	3.468	25.201
83	0.912	2.343	1.222	3.841	1.684	6.657	2.546	13.769	3.486	25.477
84	0.935	2.447	1.248	3.957	1.711	6.823	2.572	14.027	3.505	25.777
85	0.956	2.540	1.272	4.091	1.733	6.958	2.593	14.291	3.527	26.096
86	0.983	2.628	1.298	4.214	1.762	7.150	2.615	14.545	3.549	26.347
87	1.008	2.744	1.327	4.346	1.785	7.390	2.641	14.818	3.575	26.714
88	1.035	2.896	1.353	4.524	1.818	7.606	2.668	15.042	3.600	27.093
89	1.062	3.030	1.385	4.698	1.849	7.812	2.698	15.318	3.628	27.489
90	1.100	3.155	1.420	4.875	1.882	7.995	2.730	15.637	3.656	27.885
91	1.138	3.324	1.451	5.063	1.909	8.297	2.767	15.951	3.686	28.406
92	1.171	3.513	1.494	5.283	1.938	8.592	2.805	16.370	3.720	28.867
93	1.216	3.718	1.534	5.503	1.979	8.839	2.845	16.783	3.756	29.312

94	1.254	3.951	1.584	5.844	2.022	9.076	2.891	17.275	3.799	29.999
95	1.298	4.205	1.643	6.241	2.077	9.493	2.938	17.732	3.853	30.859
96	1.363	4.573	1.716	6.743	2.136	10.014	2.993	18.306	3.905	31.616
97	1.441	4.967	1.783	7.311	2.202	10.602	3.055	18.869	3.980	32.822
98	1.549	5.504	1.894	8.096	2.282	11.407	3.145	19.714	4.052	34.003
99	1.707	6.648	2.030	9.282	2.418	12.669	3.292	20.824	4.223	36.625
100	2.501	13.005	2.656	14.948	3.335	22.741	4.313	22.799	4.795	46.632

Cumulative Frequency distribution, 10,000 replications, medium mediated effect ("=.78, $=.39), dichotomous independent variable

	Sample Size									
cum %	50		100		200		500		1000	
	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$
1	0.122	0.298	1.158	4.339	2.464	14.100	4.872	49.169	7.469	112.985
2	0.337	0.919	1.348	5.213	2.633	15.720	4.994	51.681	7.615	117.871
3	0.450	1.230	1.456	5.944	2.725	16.757	5.093	53.936	7.704	120.654
4	0.543	1.556	1.543	6.449	2.793	17.399	5.161	55.273	7.772	122.767
5	0.621	1.765	1.611	6.862	2.847	18.096	5.212	56.393	7.828	124.502
6	0.693	1.972	1.673	7.143	2.886	18.566	5.259	57.137	7.878	126.244
7	0.744	2.176	1.719	7.462	2.935	19.058	5.301	57.895	7.923	127.326
8	0.800	2.357	1.767	7.776	2.978	19.598	5.339	58.698	7.953	128.400
9	0.842	2.499	1.801	7.997	3.013	19.963	5.369	59.438	7.985	129.293
10	0.889	2.692	1.836	8.256	3.047	20.290	5.403	60.033	8.010	130.207
11	0.925	2.847	1.866	8.542	3.081	20.641	5.428	60.721	8.038	131.174
12	0.961	3.013	1.900	8.786	3.107	20.957	5.455	61.340	8.067	131.983
13	0.998	3.137	1.929	8.961	3.133	21.275	5.479	61.761	8.092	132.858
14	1.032	3.256	1.956	9.137	3.156	21.587	5.503	62.266	8.116	133.595
15	1.060	3.351	1.987	9.328	3.176	21.924	5.526	62.816	8.140	134.243
16	1.094	3.471	2.008	9.551	3.200	22.222	5.545	63.337	8.159	134.900
17	1.123	3.600	2.033	9.756	3.219	22.517	5.565	63.801	8.180	135.642
18	1.147	3.707	2.054	9.936	3.245	22.763	5.584	64.235	8.199	136.178
19	1.167	3.850	2.077	10.167	3.262	23.053	5.605	64.681	8.219	136.759
20	1.191	3.972	2.097	10.340	3.283	23.288	5.629	65.160	8.249	137.300
21	1.214	4.072	2.120	10.505	3.302	23.507	5.648	65.625	8.267	137.850
22	1.237	4.201	2.141	10.680	3.318	23.782	5.667	66.061	8.282	138.325
23	1.260	4.299	2.160	10.824	3.335	24.002	5.684	66.430	8.295	138.839
24	1.277	4.387	2.186	10.972	3.356	24.233	5.703	66.737	8.310	139.395
25	1.300	4.492	2.205	11.115	3.374	24.455	5.719	67.140	8.324	139.896
26	1.318	4.599	2.224	11.281	3.391	24.654	5.736	67.497	8.340	140.283
27	1.332	4.692	2.239	11.427	3.406	24.888	5.751	67.867	8.352	140.788
28	1.350	4.795	2.257	11.553	3.424	25.093	5.770	68.230	8.369	141.377
29	1.372	4.878	2.274	11.712	3.441	25.293	5.783	68.588	8.384	141.860

30	1.387	4.969	2.289	11.832	3.459	25.505	5.802	68.889	8.399	142.291
31	1.401	5.067	2.305	11.956	3.477	25.693	5.817	69.269	8.412	142.840
32	1.415	5.167	2.319	12.134	3.489	25.896	5.829	69.580	8.426	143.347
33	1.433	5.272	2.336	12.263	3.501	26.122	5.841	69.952	8.440	143.824
34	1.449	5.383	2.352	12.429	3.515	26.326	5.857	70.254	8.454	144.293
35	1.466	5.481	2.366	12.585	3.530	26.504	5.871	70.613	8.468	144.731
36	1.479	5.576	2.380	12.693	3.545	26.707	5.882	70.920	8.481	145.203
37	1.497	5.658	2.394	12.830	3.561	26.893	5.897	71.269	8.496	145.686
38	1.511	5.741	2.409	12.983	3.576	27.097	5.912	71.584	8.510	146.140
39	1.529	5.848	2.422	13.115	3.590	27.313	5.927	71.846	8.527	146.609
40	1.545	5.953	2.437	13.261	3.606	27.469	5.938	72.129	8.539	146.976
41	1.563	6.044	2.451	13.378	3.623	27.708	5.950	72.358	8.553	147.444
42	1.580	6.128	2.464	13.503	3.635	27.913	5.962	72.629	8.567	147.888
43	1.594	6.219	2.477	13.614	3.648	28.145	5.972	72.902	8.577	148.359
44	1.606	6.323	2.496	13.737	3.665	28.333	5.984	73.204	8.593	148.840
45	1.620	6.440	2.509	13.879	3.675	28.510	5.996	73.490	8.607	149.386
46	1.632	6.550	2.522	14.016	3.691	28.722	6.009	73.880	8.624	149.891
47	1.647	6.674	2.534	14.185	3.705	28.969	6.022	74.131	8.637	150.471
48	1.664	6.775	2.550	14.344	3.721	29.170	6.036	74.447	8.653	150.938
48	1.681	6.863	2.562	14.471	3.733	29.407	6.051	74.769	8.668	151.374
50	1.695	6.966	2.575	14.593	3.746	29.632	6.065	75.133	8.681	151.870
51	1.712	7.075	2.590	14.743	3.761	29.826	6.076	75.482	8.694	152.323
52	1.729	7.179	2.602	14.890	3.777	30.010	6.091	75.834	8.706	152.786
53	1.743	7.299	2.616	15.003	3.792	30.242	6.105	76.096	8.720	153.301
54	1.758	7.407	2.628	15.171	3.806	30.468	6.122	76.492	8.735	153.654
55	1.774	7.513	2.642	15.327	3.817	30.674	6.134	76.871	8.746	154.066
56	1.789	7.625	2.657	15.492	3.829	30.873	6.146	77.129	8.757	154.512
57	1.803	7.724	2.674	15.662	3.843	31.058	6.161	77.433	8.772	154.948
58	1.820	7.805	2.686	15.800	3.856	31.251	6.173	77.725	8.783	155.394
59	1.837	7.910	2.699	15.926	3.872	31.446	6.186	78.029	8.784	155.849
60	1.853	8.022	2.713	16.074	3.888	31.679	6.201	78.367	8.795	156.395
61	1.873	8.115	2.725	16.209	3.902	31.863	6.213	78.750	8.809	156.835

62	1.889	8.220	2.741	16.365	3.917	32.079	6.228	79.047	8.826	157.200
63	1.901	8.338	2.754	16.493	3.929	32.365	6.241	79.368	8.840	157.704
64	1.916	8.446	2.764	16.623	3.944	32.578	6.256	79.812	8.851	158.247
65	1.929	8.565	2.779	16.753	3.963	32.793	6.271	80.151	8.867	158.691
66	1.941	8.679	2.793	16.919	3.974	33.008	6.284	80.519	8.880	159.269
67	1.956	8.774	2.809	17.083	3.988	33.256	6.299	80.819	8.893	159.913
68	1.970	8.899	2.822	17.244	4.002	33.476	6.314	81.183	8.909	160.365
69	1.985	9.033	2.837	17.434	4.019	33.734	6.327	81.534	8.924	160.883
70	2.002	9.175	2.854	17.582	4.036	33.961	6.343	81.910	8.938	161.401
71	2.020	9.336	2.870	17.783	4.051	34.199	6.359	82.272	8.953	162.078
72	2.034	9.470	2.889	17.979	4.065	34.437	6.374	82.629	8.970	162.515
73	2.049	9.633	2.907	18.225	4.081	34.701	6.389	83.026	8.986	163.069
74	2.064	9.783	2.922	18.392	4.097	34.950	6.402	83.398	9.003	163.664
75	2.083	9.922	2.939	18.570	4.111	35.241	6.418	83.855	9.017	164.129
76	2.103	10.105	2.956	18.769	4.130	35.467	6.437	84.313	9.029	164.707
77	2.126	10.268	2.977	18.968	4.150	35.819	6.453	84.761	9.043	165.254
78	2.148	10.420	2.995	19.173	4.168	36.205	6.470	85.229	9.062	165.859
79	2.164	10.569	3.012	19.403	4.186	36.477	6.489	85.709	9.079	166.494
80	2.184	10.699	3.027	19.614	4.206	36.857	6.508	86.250	9.095	167.120
81	2.201	10.862	3.048	19.853	4.229	37.146	6.531	86.785	9.112	167.787
82	2.220	11.041	3.063	20.047	4.247	37.498	6.552	87.317	9.132	168.580
83	2.240	11.227	3.083	20.263	4.269	37.844	6.575	87.890	9.152	169.226
84	2.260	11.399	3.104	20.473	4.289	38.155	6.594	88.379	9.178	169.962
85	2.283	11.628	3.124	20.726	4.312	38.555	6.614	88.916	9.195	170.671
86	2.305	11.844	3.143	21.007	4.336	38.918	6.632	89.490	9.218	171.486
87	2.332	12.066	3.166	21.291	4.356	39.390	6.660	90.166	9.240	172.295
88	2.357	12.306	3.189	21.581	4.387	39.836	6.686	90.792	9.259	173.029
89	2.383	12.551	3.210	21.950	4.415	40.320	6.711	91.603	9.285	173.971
90	2.409	12.812	3.244	22.271	4.444	40.825	6.746	92.438	9.315	175.049
91	2.444	13.178	3.277	22.781	4.474	41.410	6.779	93.196	9.343	176.251
92	2.480	13.540	3.313	23.343	4.508	41.854	6.808	94.054	9.380	177.384
93	2.523	13.923	3.359	23.913	4.541	42.599	6.841	95.004	9.407	178.545

94	2.575	14.399	3.401	24.398	4.584	43.504	6.884	96.148	9.448	180.079
95	2.619	15.007	3.450	25.082	4.638	44.570	6.925	97.159	9.500	181.632
96	2.680	15.665	3.504	25.807	4.699	45.739	6.976	98.768	9.549	183.855
97	2.750	16.306	3.588	26.936	4.769	46.882	7.057	100.944	9.608	186.098
98	2.852	17.418	3.683	28.234	4.858	48.428	7.158	103.989	9.694	188.939
99	2.996	19.254	3.859	31.061	5.008	51.329	7.328	108.479	9.813	194.296
100	3.798	29.396	4.909	48.932	5.753	66.936	8.166	135.968	10.439	218.556

Cumulative Frequency distribution, 10,000 replications, large mediated effect ("=1.18, $=.59), dichotomous independent variable

	Sample Size									
cum %	50		100		200		500		1000	
	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$	"$/se"$	z"z$
1	1.243	5.134	2.666	16.560	4.513	43.306	8.042	131.822	11.935	286.806
2	1.462	6.317	2.821	18.198	4.657	46.182	8.213	136.716	12.060	292.861
3	1.606	7.032	2.935	19.370	4.776	47.778	8.286	139.745	12.164	298.126
4	1.694	7.579	3.008	20.399	4.847	49.257	8.354	141.754	12.230	301.434
5	1.759	7.984	3.073	21.185	4.908	50.173	8.408	143.623	12.279	303.936
6	1.810	8.286	3.133	21.807	4.952	51.009	8.452	145.260	12.331	306.492
7	1.857	8.642	3.193	22.590	4.991	51.777	8.491	146.487	12.368	308.315
8	1.903	8.961	3.237	23.150	5.027	52.579	8.528	147.774	12.407	309.902
9	1.934	9.289	3.276	23.638	5.060	53.287	8.559	148.638	12.439	311.542
10	1.978	9.598	3.316	24.022	5.095	53.977	8.586	149.547	12.471	313.183
11	2.011	9.870	3.346	24.418	5.120	54.621	8.610	150.406	12.500	314.656
12	2.041	10.082	3.373	24.775	5.150	55.088	8.640	151.148	12.527	315.757
13	2.070	10.402	3.401	25.082	5.175	55.661	8.663	152.130	12.546	316.970
14	2.101	10.634	3.427	25.465	5.202	56.195	8.690	153.008	12.572	318.184
15	2.128	10.858	3.453	25.796	5.225	56.716	8.717	153.888	12.598	319.473
16	2.156	11.031	3.474	26.064	5.253	57.144	8.739	154.639	12.620	320.565
17	2.184	11.264	3.495	26.391	5.275	57.658	8.761	155.231	12.640	321.542
18	2.208	11.449	3.522	26.700	5.298	58.087	8.778	155.949	12.660	322.546
19	2.229	11.605	3.543	26.997	5.316	58.484	8.799	156.597	12.678	323.250
20	2.249	11.759	3.563	27.304	5.335	58.897	8.816	157.256	12.697	324.331
21	2.270	11.970	3.582	27.547	5.355	59.353	8.834	158.007	12.711	325.329
22	2.288	12.137	3.601	27.785	5.375	59.703	8.853	158.568	12.731	326.239
23	2.309	12.310	3.623	28.017	5.396	60.103	8.872	159.203	12.750	326.941
24	2.328	12.511	3.640	28.276	5.416	60.421	8.889	159.842	12.763	327.793
25	2.345	12.667	3.657	28.486	5.433	60.749	8.905	160.462	12.779	328.742
26	2.360	12.843	3.674	28.737	5.446	61.131	8.917	161.032	12.797	329.515
27	2.382	13.013	3.688	28.982	5.461	61.466	8.934	161.507	12.811	330.162
28	2.398	13.161	3.706	29.166	5.479	61.784	8.950	162.029	12.825	330.827
29	2.415	13.339	3.718	29.421	5.491	62.188	8.964	162.578	12.836	331.639

30	2.430	13.475	3.734	29.633	5.506	62.533	8.979	163.111	12.852	332.342
31	2.447	13.614	3.750	29.864	5.523	62.846	8.994	163.660	12.866	333.032
32	2.466	13.772	3.764	30.100	5.539	63.168	9.009	164.174	12.878	333.806
33	2.487	13.975	3.781	30.359	5.555	63.459	9.024	164.591	12.892	334.607
34	2.504	14.112	3.796	30.602	5.568	63.813	9.037	165.071	12.906	335.187
35	2.519	14.254	3.813	30.866	5.583	64.101	9.050	165.556	12.923	335.877
36	2.537	14.407	3.831	31.093	5.598	64.439	9.063	166.089	12.936	336.578
37	2.551	14.558	3.846	31.306	5.614	64.792	9.076	166.600	12.949	337.343
38	2.569	14.710	3.861	31.505	5.627	65.181	9.089	167.131	12.963	338.086
39	2.583	14.864	3.877	31.728	5.641	65.475	9.103	167.656	12.977	338.758
40	2.599	15.006	3.889	31.951	5.655	65.866	9.118	168.284	12.991	339.572
41	2.616	15.167	3.904	32.201	5.671	66.128	9.136	168.824	13.005	340.255
42	2.630	15.346	3.919	32.423	5.683	66.415	9.150	169.286	13.021	341.062
43	2.645	15.503	3.932	32.631	5.696	66.754	9.167	169.784	13.034	341.785
44	2.659	15.651	3.947	32.857	5.712	67.089	9.180	170.322	13.048	342.414
45	2.673	15.774	3.961	33.065	5.723	67.343	9.191	170.764	13.064	343.038
46	2.690	15.936	3.976	33.293	5.739	67.647	9.203	171.281	13.077	343.774
47	2.702	16.092	3.989	33.537	5.751	67.979	9.216	171.799	13.089	344.496
48	2.716	16.250	4.004	33.724	5.764	68.265	9.228	172.318	13.101	345.139
48	2.729	16.396	4.020	33.940	5.779	68.561	9.242	172.805	13.112	345.788
50	2.740	16.571	4.033	34.156	5.793	68.808	9.257	173.327	13.125	346.469
51	2.754	16.760	4.045	34.382	5.807	69.149	9.269	173.967	13.138	347.177
52	2.767	16.899	4.061	34.640	5.819	69.471	9.284	174.514	13.152	347.918
53	2.781	17.045	4.073	34.876	5.832	69.774	9.298	175.039	13.166	348.543
54	2.795	17.195	4.087	35.141	5.845	70.054	9.314	175.489	13.179	349.243
55	2.812	17.368	4.101	35.360	5.860	70.358	9.327	175.923	13.192	349.913
56	2.829	17.516	4.114	35.625	5.875	70.754	9.342	176.349	13.207	350.624
57	2.843	17.698	4.128	35.834	5.886	71.089	9.353	176.750	13.218	351.266
58	2.855	17.821	4.140	36.031	5.901	71.385	9.365	177.170	13.231	352.005
59	2.870	17.977	4.156	36.297	5.913	71.622	9.377	177.589	13.247	352.631
60	2.885	18.138	4.171	36.540	5.927	71.923	9.388	177.935	13.259	353.451
61	2.901	18.328	4.186	36.752	5.939	72.261	9.399	178.457	13.272	354.199

62	2.916	18.520	4.202	36.975	5.953	72.701	9.410	178.983	13.286	354.948
63	2.930	18.716	4.217	37.188	5.966	72.997	9.422	179.468	13.300	355.797
64	2.944	18.900	4.231	37.419	5.981	73.297	9.437	179.933	13.315	356.400
65	2.959	19.098	4.245	37.673	5.995	73.641	9.449	180.518	13.332	357.227
66	2.978	19.284	4.262	37.881	6.012	74.000	9.463	181.034	13.346	357.982
67	2.993	19.431	4.276	38.161	6.026	74.353	9.478	181.545	13.359	358.759
68	3.008	19.625	4.289	38.455	6.038	74.785	9.492	182.026	13.372	359.574
69	3.025	19.831	4.305	38.700	6.056	75.132	9.511	182.645	13.387	360.407
70	3.044	20.026	4.318	38.975	6.072	75.538	9.525	183.280	13.406	361.286
71	3.062	20.222	4.333	39.211	6.088	75.901	9.541	183.872	13.424	362.032
72	3.076	20.412	4.350	39.456	6.102	76.275	9.557	184.440	13.440	363.006
73	3.095	20.617	4.366	39.781	6.118	76.653	9.573	185.050	13.456	363.979
74	3.096	20.833	4.384	40.033	6.133	77.117	9.591	185.660	13.472	364.761
75	3.112	21.037	4.401	40.387	6.153	77.563	9.606	186.264	13.488	365.685
76	3.129	21.262	4.418	40.681	6.170	77.986	9.621	186.881	13.503	366.450
77	3.146	21.485	4.435	40.988	6.192	78.384	9.639	187.602	13.516	367.368
78	3.164	21.680	4.451	41.286	6.209	78.766	9.657	188.227	13.532	368.246
79	3.181	21.935	4.471	41.654	6.229	79.215	9.677	189.003	13.548	369.407
80	3.200	22.207	4.489	41.994	6.244	79.650	9.695	189.716	13.569	370.273
81	3.220	22.485	4.511	42.315	6.262	80.161	9.715	190.415	13.587	371.418
82	3.241	22.782	4.536	42.689	6.280	80.644	9.735	191.337	13.612	372.372
83	3.259	23.124	4.554	43.095	6.300	81.078	9.755	192.154	13.632	373.447
84	3.280	23.374	4.573	43.385	6.323	81.623	9.777	192.952	13.649	374.700
85	3.308	23.635	4.596	43.838	6.342	82.151	9.800	193.767	13.673	375.751
86	3.334	23.972	4.621	44.306	6.363	82.709	9.819	194.582	13.693	376.846
87	3.357	24.373	4.649	44.793	6.386	83.415	9.846	195.660	13.715	378.278
88	3.379	24.763	4.678	45.321	6.412	84.005	9.872	196.739	13.742	379.567
89	3.404	25.161	4.708	45.917	6.445	84.758	9.905	197.995	13.767	380.970
90	3.435	25.523	4.739	46.445	6.471	85.449	9.932	199.084	13.798	382.542
91	3.468	25.940	4.770	47.076	6.501	86.331	9.963	200.390	13.831	384.220
92	3.503	26.500	4.801	47.879	6.538	87.286	9.995	201.646	13.864	386.281
93	3.538	27.031	4.847	48.660	6.539	88.394	10.030	203.140	13.902	388.538

94	3.576	27.654	4.897	49.545	6.583	89.412	10.078	204.436	13.949	390.698
95	3.618	28.414	4.942	50.389	6.633	91.005	10.127	206.756	13.998	393.284
96	3.674	29.364	4.996	51.487	6.687	92.818	10.188	208.886	14.053	396.388
97	3.731	30.578	5.066	53.028	6.746	95.372	10.265	212.448	14.113	400.376
98	3.795	31.940	5.170	55.000	6.845	97.828	10.344	215.681	14.195	405.152
99	3.902	34.722	5.328	58.423	6.932	101.429	10.477	221.613	14.336	412.363
100	4.065	47.255	6.057	75.369	7.063	130.244	11.422	265.936	15.096	456.685