BOUNDS FOR CRITICAL VALUES OF THE
DURBIN-WATSON STATISTIC

1% SIGNIFICANCE POINTS OF Q_L AND Q_U

	$\Lambda = 2$		$\Lambda = 3$		$\Lambda = 4$		$\Lambda = 5$		$\Lambda = 6$	
N	Q_L	Q_U	Q_L	Q_U	Q_L	Q_U	Q_L	Q_U	Q_L	Q_U
15	0.811	1.069	0.700	1.252	0.591	1.465	0.487	1.705	0.390	1.967
16	0.844	1.087	0.738	1.253	0.633	1.447	0.532	1.664	0.437	1.901
17	0.873	1.102	0.773	1.255	0.672	1.432	0.574	1.631	0.481	1.847
18	0.902	1.118	0.805	1.259	0.708	1.422	0.614	1.604	0.522	1.803
19	0.928	1.133	0.835	1.264	0.742	1.416	0.650	1.583	0.561	1.767
20	0.952	1.147	0.862	1.270	0.774	1.410	0.684	1.567	0.598	1.736
21	0.975	1.161	0.889	1.276	0.803	1.408	0.718	1.554	0.634	1.712
22	0.997	1.174	0.915	1.284	0.832	1.407	0.748	1.543	0.666	1.691
23	1.017	1.186	0.938	1.290	0.858	1.407	0.777	1.535	0.699	1.674
24	1.037	1.199	0.959	1.298	0.881	1.407	0.805	1.527	0.728	1.659
25	1.055	1.210	0.981	1.305	0.906	1.408	0.832	1.521	0.756	1.645
26	1.072	1.222	1.000	1.311	0.928	1.410	0.855	1.517	0.782	1.635
27	1.088	1.232	1.019	1.318	0.948	1.413	0.878	1.514	0.808	1.625
28	1.104	1.244	1.036	1.325	0.969	1.414	0.901	1.512	0.832	1.618
29	1.119	1.254	1.053	1.332	0.988	1.418	0.921	1.511	0.855	1.611
30	1.134	1.264	1.070	1.339	1.006	1.421	0.941	1.510	0.877	1.606
31	1.147	1.274	1.085	1.345	1.022	1.425	0.960	1.509	0.897	1.601
32	1.160	1.283	1.100	1.351	1.039	1.428	0.978	1.509	0.917	1.597
33	1.171	1.291	1.114	1.358	1.055	1.432	0.995	1.510	0.935	1.594
34	1.184	1.298	1.128	1.364	1.070	1.436	1.012	1.511	0.954	1.591
35	1.195	1.307	1.141	1.370	1.085	1.439	1.028	1.512	0.971	1.589
36	1.205	1.315	1.153	1.376	1.098	1.442	1.043	1.513	0.987	1.587
37	1.217	1.322	1.164	1.383	1.112	1.446	1.058	1.514	1.004	1.585
38	1.227	1.330	1.176	1.388	1.124	1.449	1.072	1.515	1.019	1.584
39	1.237	1.337	1.187	1.392	1.137	1.452	1.085	1.517	1.033	1.583
40	1.246	1.344	1.197	1.398	1.149	1.456	1.098	1.518	1.047	1.583
45	1.288	1.376	1.245	1.424	1.201	1.474	1.156	1.528	1.111	1.583
50	1.324	1.403	1.285	1.445	1.245	1.491	1.206	1.537	1.164	1.587
55	1.356	1.428	1.320	1.466	1.284	1.505	1.246	1.548	1.209	1.592
60	1.382	1.449	1.351	1.484	1.317	1.520	1.283	1.559	1.248	1.598
65	1.407	1.467	1.377	1.500	1.346	1.534	1.314	1.568	1.283	1.604
70	1.429	1.485	1.400	1.514	1.372	1.546	1.343	1.577	1.313	1.611
75	1.448	1.501	1.422	1.529	1.395	1.557	1.368	1.586	1.340	1.617
80	1.465	1.514	1.440	1.541	1.416	1.568	1.390	1.595	1.364	1.624
85	1.481	1.529	1.458	1.553	1.434	1.577	1.411	1.603	1.386	1.630
90	1.496	1.541	1.474	1.563	1.452	1.587	1.429	1.611	1.406	1.636
95	1.510	1.552	1.489	1.573	1.468	1.596	1.446	1.618	1.425	1.641
100	1.522	1.562	1.502	1.582	1.482	1.604	1.461	1.625	1.441	1.647

BOUNDS FOR CRITICAL VALUES OF THE
DURBIN-WATSON STATISTIC

2.5% SIGNIFICANCE POINTS OF Q_L AND Q_U

	$\Lambda = 2$		$\Lambda = 3$		$\Lambda = 4$		$\Lambda = 5$		$\Lambda = 6$	
N	Q_L	Q_U	Q_L	Q_U	Q_L	Q_U	Q_L	Q_U	Q_L	Q_U
15	0.949	1.222	0.827	1.405	0.706	1.615	0.588	1.848	0.478	2.099
16	0.980	1.235	0.864	1.403	0.748	1.594	0.636	1.806	0.527	2.035
17	1.009	1.248	0.899	1.403	0.788	1.578	0.680	1.773	0.574	1.983
18	1.035	1.261	0.930	1.405	0.825	1.567	0.720	1.746	0.619	1.939
19	1.060	1.274	0.959	1.407	0.859	1.558	0.758	1.724	0.660	1.902
20	1.082	1.286	0.988	1.410	0.890	1.551	0.794	1.705	0.699	1.871
21	1.104	1.297	1.012	1.415	0.920	1.546	0.826	1.691	0.734	1.845
22	1.124	1.308	1.036	1.419	0.947	1.543	0.858	1.678	0.769	1.823
23	1.144	1.319	1.059	1.424	0.973	1.541	0.887	1.668	0.801	1.804
24	1.161	1.329	1.080	1.429	0.997	1.539	0.914	1.659	0.830	1.787
25	1.178	1.339	1.099	1.435	1.019	1.539	0.939	1.652	0.859	1.773
26	1.194	1.348	1.118	1.439	1.041	1.538	0.964	1.646	0.886	1.761
27	1.208	1.358	1.135	1.445	1.061	1.539	0.986	1.641	0.911	1.751
28	1.222	1.367	1.153	1.450	1.080	1.540	1.007	1.637	0.934	1.742
29	1.236	1.375	1.168	1.455	1.098	1.541	1.028	1.634	0.958	1.734
30	1.249	1.383	1.183	1.460	1.115	1.542	1.047	1.632	0.978	1.727
31	1.261	1.391	1.197	1.465	1.132	1.544	1.066	1.630	0.999	1.721
32	1.273	1.399	1.211	1.469	1.147	1.546	1.083	1.628	1.018	1.715
33	1.284	1.406	1.224	1.474	1.163	1.548	1.099	1.627	1.037	1.711
34	1.294	1.413	1.236	1.479	1.176	1.550	1.115	1.626	1.054	1.707
35	1.305	1.420	1.248	1.484	1.190	1.553	1.131	1.626	1.071	1.704
36	1.315	1.426	1.259	1.488	1.203	1.555	1.145	1.625	1.087	1.701
37	1.324	1.433	1.270	1.493	1.215	1.557	1.159	1.625	1.102	1.698
38	1.333	1.439	1.281	1.497	1.227	1.560	1.173	1.625	1.117	1.695
39	1.342	1.445	1.291	1.501	1.238	1.562	1.185	1.626	1.131	1.693
40	1.350	1.451	1.300	1.506	1.249	1.564	1.197	1.626	1.144	1.692
45	1.388	1.477	1.343	1.525	1.298	1.576	1.252	1.630	1.204	1.687
50	1.420	1.500	1.380	1.543	1.338	1.588	1.297	1.636	1.255	1.685
55	1.447	1.520	1.411	1.559	1.373	1.600	1.335	1.642	1.297	1.686
60	1.471	1.538	1.438	1.573	1.404	1.610	1.369	1.649	1.333	1.688
65	1.492	1.554	1.461	1.587	1.430	1.620	1.398	1.655	1.365	1.691
70	1.511	1.568	1.482	1.599	1.453	1.630	1.424	1.662	1.393	1.695
75	1.528	1.582	1.501	1.610	1.474	1.638	1.446	1.668	1.418	1.699
80	1.543	1.594	1.518	1.619	1.493	1.647	1.467	1.674	1.441	1.703
85	1.557	1.605	1.534	1.629	1.510	1.654	1.485	1.680	1.461	1.707
90	1.570	1.614	1.548	1.638	1.525	1.662	1.502	1.686	1.479	1.711
95	1.582	1.624	1.560	1.646	1.539	1.668	1.517	1.691	1.495	1.715
100	1.593	1.633	1.573	1.654	1.552	1.675	1.532	1.696	1.511	1.718

BOUNDS FOR CRITICAL VALUES OF THE
DURBIN-WATSON STATISTIC

5% SIGNIFICANCE POINTS OF Q_L AND Q_U

	$\Lambda = 2$		$\Lambda = 3$		$\Lambda = 4$		$\Lambda = 5$		$\Lambda = 6$	
N	Q_L	Q_U	Q_L	Q_U	Q_L	Q_U	Q_L	Q_U	Q_L	Q_U
15	1.077	1.361	0.945	1.543	0.814	1.750	0.685	1.977	0.562	2.220
16	1.106	1.371	0.982	1.539	0.857	1.728	0.734	1.935	0.615	2.157
17	1.133	1.381	1.015	1.536	0.897	1.710	0.779	1.900	0.664	2.104
18	1.158	1.392	1.046	1.535	0.933	1.696	0.820	1.872	0.710	2.060
19	1.180	1.401	1.075	1.535	0.967	1.685	0.859	1.848	0.752	2.022
20	1.201	1.411	1.100	1.537	0.998	1.676	0.894	1.828	0.792	1.991
21	1.221	1.420	1.125	1.538	1.026	1.669	0.927	1.812	0.828	1.964
22	1.240	1.429	1.147	1.541	1.053	1.664	0.958	1.797	0.863	1.940
23	1.257	1.437	1.168	1.543	1.078	1.660	0.986	1.786	0.895	1.919
24	1.273	1.446	1.188	1.546	1.101	1.657	1.013	1.775	0.925	1.902
25	1.288	1.454	1.206	1.550	1.123	1.654	1.038	1.767	0.953	1.886
26	1.302	1.461	1.224	1.553	1.143	1.652	1.062	1.759	0.979	1.873
27	1.316	1.468	1.240	1.556	1.162	1.651	1.083	1.753	1.004	1.861
28	1.328	1.476	1.255	1.560	1.181	1.650	1.104	1.747	1.028	1.850
29	1.341	1.483	1.270	1.563	1.198	1.650	1.124	1.743	1.050	1.841
30	1.352	1.489	1.284	1.567	1.214	1.650	1.143	1.739	1.070	1.833
31	1.363	1.496	1.297	1.570	1.229	1.650	1.160	1.735	1.090	1.825
32	1.373	1.502	1.309	1.573	1.244	1.650	1.177	1.732	1.109	1.819
33	1.383	1.508	1.321	1.577	1.258	1.651	1.193	1.730	1.127	1.813
34	1.393	1.514	1.332	1.580	1.271	1.652	1.208	1.728	1.144	1.807
35	1.402	1.519	1.343	1.584	1.283	1.653	1.222	1.726	1.160	1.803
36	1.411	1.524	1.354	1.587	1.295	1.654	1.236	1.725	1.175	1.799
37	1.419	1.530	1.364	1.590	1.307	1.655	1.249	1.723	1.190	1.795
38	1.427	1.535	1.373	1.594	1.317	1.656	1.261	1.723	1.204	1.792
39	1.435	1.540	1.382	1.597	1.328	1.658	1.273	1.722	1.218	1.789
40	1.442	1.544	1.391	1.600	1.338	1.659	1.285	1.721	1.231	1.786
45	1.475	1.566	1.430	1.615	1.383	1.666	1.336	1.720	1.287	1.776
50	1.503	1.585	1.462	1.628	1.421	1.674	1.378	1.721	1.334	1.771
55	1.527	1.601	1.490	1.640	1.452	1.681	1.414	1.724	1.374	1.768
60	1.549	1.616	1.514	1.652	1.480	1.689	1.444	1.727	1.408	1.767
65	1.567	1.629	1.536	1.662	1.503	1.696	1.471	1.731	1.438	1.767
70	1.583	1.641	1.554	1.671	1.524	1.703	1.494	1.735	1.464	1.768
75	1.598	1.652	1.571	1.680	1.543	1.709	1.515	1.739	1.486	1.770
80	1.611	1.662	1.586	1.688	1.560	1.715	1.534	1.743	1.507	1.772
85	1.624	1.671	1.600	1.696	1.575	1.721	1.551	1.747	1.525	1.774
90	1.635	1.679	1.612	1.703	1.589	1.726	1.566	1.751	1.542	1.776
95	1.645	1.687	1.623	1.709	1.602	1.732	1.579	1.755	1.557	1.778
100	1.654	1.694	1.634	1.715	1.613	1.736	1.592	1.758	1.571	1.780