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## I- Normal Dağılım Tablosu

**II- t Dağılım Tablosu**

<b>sd</b>	<b>1T=0.4 2T=0.8</b>	<b>0.25 0.5</b>	<b>0.1 0.2</b>	<b>0.05 0.1</b>	<b>0.025 0.05</b>	<b>0.01 0.02</b>	<b>0.005 0.01</b>	<b>0.0025 0.005</b>	<b>0.001 0.002</b>	<b>0.0005 0.001</b>
1	0.325	1.000	3.078	6.314	12.706	31.821	63.657	127.32	318.31	636.62
2	.289	0.816	1.886	2.920	4.303	6.965	9.925	14.089	22.327	31.598
3	.277	.765	1.638	2.353	3.182	4.541	5.841	7.453	10.214	12.924
4	.271	.741	1.533	2.132	2.776	3.747	4.604	5.598	7.173	8.610
5	0.267	0.727	1.476	2.015	2.571	3.365	4.032	4.773	5.893	6.869
6	.265	.718	1.440	1.943	2.447	3.143	3.707	4.317	5.208	5.959
7	.263	.711	1.415	1.895	2.365	2.998	3.499	4.029	4.785	5.408
8	.262	.706	1.397	1.860	2.306	2.896	3.355	3.833	4.501	5.041
9	.261	.703	1.383	1.833	2.262	2.821	3.250	3.690	4.297	4.781
10	0.260	0.700	1.372	1.812	2.228	2.764	3.169	3.581	4.144	4.587
11	.260	.697	1.363	1.796	2.201	2.718	3.106	3.497	4.025	4.437
12	.259	.695	1.356	1.782	2.179	2.681	3.055	3.428	3.930	4.318
13	.259	.694	1.350	1.771	2.160	2.650	3.012	3.372	3.852	4.221
14	.258	.692	1.345	1.761	2.145	2.624	2.977	3.326	3.787	4.140
15	0.258	0.691	1.341	1.753	2.131	2.602	2.947	3.826	3.733	4.073
16	.258	.690	1.337	1.746	2.120	.2583	2.921	3.525	3.686	4.015
17	.257	.689	1.333	1.740	2.110	2.567	2.898	3.222	3.646	3.965
18	.257	.688	1.330	1.734	2.101	2.552	2.878	3.197	3.610	3.922
19	.257	.688	1.328	1.729	2.093	2.539	2.861	3.174	3.579	3.883
* 20	0.257	0.687	1.325	1.725	2.086	2.528	2.845	3.153	3.552	3.850
21	.257	.686	1.323	1.721	2.080	2.518	2.831	3.135	3.527	3.819
22	.256	.686	1.321	1.717	2.074	2.508	2.819	3.119	3.505	3.792
23	.256	.685	1.319	1.714	2.069	2.500	2.807	3.104	3.485	3.767
24	.256	.685	1.318	1.711	2.064	2.492	2.797	3.091	3.467	3.745
25	0.256	0.684	1.316	1.708	2.060	2.485	2.787	3.078	3.450	3.725
26	.256	.684	1.315	1.706	2.056	2.479	2.779	3.067	3.435	3.707
27	.256	.684	1.314	1.703	2.052	2.473	2.771	3.057	3.421	3.690
28	.256	.683	1.313	1.701	2.048	2.467	2.763	3.047	3.408	3.674
29	.256	.683	1.311	1.699	2.045	2.462	2.756	3.038	3.396	3.659
30	0.256	0.683	1.310	1.697	2.042	2.457	2.750	3.030	3.385	3.646
40	.255	.681	1.303	1.684	2.021	2.423	2.704	2.971	3.307	3.551
60	.254	.679	1.296	1.671	2.000	2.390	2.660	2.915	3.232	3.460
120	.254	.677	1.289	1.658	1.980	2.358	2.617	2.860	3.160	3.373
$\infty$	.253	.674	1.282	1.645	1.960	2.326	2.576	2.807	3.090	3.291

**1T = Tek Taraflı****2T = Çift Taraflı**

III-a) F Dağılımı Tablosu  $\alpha = 0.10$ 

$v_1 \backslash v_2$	1	2	3	4	5	6	7	8	9	10	12	15	20	24	30	40	60	120	00
1	39.86	49.50	53.59	55.83	57.24	58.20	58.91	59.44	59.86	60.19	60.71	61.22	61.74	62.00	62.26	62.53	62.79	63.06	63.33
2	8.53	9.00	9.16	9.24	9.29	9.33	9.35	9.37	9.38	9.39	9.41	9.42	9.44	9.45	9.46	9.47	9.47	9.48	9.49
3	5.54	5.46	5.39	5.34	5.31	5.28	5.27	5.25	5.24	5.23	5.22	5.20	5.18	5.18	5.17	5.16	5.15	5.14	5.13
4	4.54	4.32	4.19	4.11	4.05	4.01	3.98	3.95	3.94	3.92	3.90	3.87	3.84	3.83	3.82	3.80	3.79	3.78	3.78
5	4.06	3.78	3.62	3.52	3.45	3.40	3.37	3.34	3.32	3.30	3.27	3.24	3.21	3.19	3.17	3.16	3.14	3.12	3.10
6	3.78	3.46	3.29	3.18	3.11	3.05	3.01	2.98	2.96	2.94	2.90	2.87	2.84	2.82	2.80	2.78	2.76	2.74	2.72
7	3.59	3.26	3.07	2.96	2.88	2.83	2.78	2.75	2.72	2.70	2.67	2.63	2.59	2.58	2.56	2.64	2.51	2.49	2.47
8	3.46	3.11	2.92	2.81	2.73	2.67	2.62	2.59	2.56	2.54	2.50	2.46	2.42	2.40	2.38	2.38	2.34	2.32	2.29
9	3.36	3.01	2.81	2.69	2.61	2.55	2.61	2.47	2.44	2.42	2.38	2.34	2.30	2.28	2.25	2.25	2.21	2.18	2.16
10	3.29	2.92	2.73	2.16	2.52	2.46	2.41	2.38	2.35	2.32	2.28	2.24	2.20	2.18	2.16	2.13	2.11	2.08	2.06
11	3.23	2.86	2.66	2.54	2.45	2.39	2.34	2.30	2.27	2.25	2.21	2.17	2.12	2.10	2.08	2.05	2.03	2.00	1.97
12	3.18	2.81	2.61	2.48	2.39	2.33	2.28	2.24	2.21	2.19	2.15	2.10	2.06	2.04	2.01	1.99	1.96	1.93	1.90
13	3.14	2.76	2.56	2.43	2.36	2.28	2.23	2.20	2.16	2.14	2.10	2.05	2.01	1.98	1.96	1.93	1.90	1.88	1.85
14	3.10	2.73	2.52	2.39	2.31	2.24	2.19	2.15	2.12	2.10	2.05	2.01	1.96	1.94	1.91	1.89	1.86	1.83	1.80
15	3.07	2.70	2.49	2.36	2.27	2.21	2.16	2.12	2.09	2.06	2.02	1.97	1.92	1.90	1.87	1.85	1.82	1.79	1.76
16	3.05	2.67	2.46	2.33	2.24	2.18	2.13	2.09	2.06	2.03	1.99	1.94	1.89	1.87	1.84	1.81	1.78	1.76	1.72
17	3.03	2.64	2.44	2.31	2.22	2.15	2.10	2.06	2.03	2.00	1.96	1.91	1.86	1.84	1.81	1.78	1.75	1.72	1.69
18	3.01	2.62	2.42	2.29	2.20	2.13	2.08	2.04	2.00	1.98	1.93	1.89	1.84	1.81	1.78	1.75	1.72	1.69	1.66
19	2.99	2.61	2.40	2.27	2.18	2.11	2.06	2.02	1.98	1.96	1.91	1.86	1.81	1.79	1.76	1.73	1.70	1.67	1.63
20	2.97	2.59	2.38	2.25	2.16	2.09	2.04	2.00	1.96	1.94	1.89	1.84	1.79	1.77	1.74	1.71	1.68	1.64	1.61
21	2.96	2.57	2.36	2.23	2.14	2.08	2.02	1.98	1.95	1.92	1.87	1.83	1.78	1.76	1.72	1.69	1.66	1.62	1.59
22	2.95	2.56	2.35	2.22	2.13	2.06	2.01	1.97	1.93	1.90	1.86	1.81	1.76	1.73	1.70	1.67	1.64	1.60	1.57
23	2.94	2.55	2.34	2.21	2.11	2.05	1.99	1.95	1.92	1.89	1.84	1.80	1.74	1.72	1.69	1.66	1.62	1.59	1.55
24	2.93	2.54	2.33	2.19	2.10	2.04	1.98	1.94	1.91	1.88	1.83	1.78	1.73	1.70	1.67	1.64	1.61	1.57	1.53
25	2.92	2.53	2.32	2.18	2.09	2.02	1.97	1.93	1.89	1.87	1.82	1.77	1.72	1.69	1.66	1.63	1.59	1.56	1.53
26	2.91	2.52	2.31	2.17	2.08	2.01	1.96	1.92	1.88	1.86	1.81	1.76	1.71	1.68	1.65	1.61	1.58	1.54	1.50
27	2.90	2.51	2.30	2.17	2.07	2.00	1.95	1.91	1.87	1.85	1.80	1.75	1.70	1.67	1.64	1.60	1.57	1.53	1.49
28	2.89	2.50	2.29	2.16	2.06	2.00	1.94	1.90	1.87	1.84	1.79	1.74	1.69	1.66	1.63	1.59	1.56	1.52	1.48
29	2.89	2.50	2.28	2.15	2.06	1.99	1.93	1.89	1.86	1.83	1.78	1.73	1.68	1.65	1.62	1.58	1.55	1.51	1.47
30	2.88	2.49	2.28	2.14	2.05	1.98	1.93	1.88	1.85	1.82	1.77	1.72	1.67	1.64	1.61	1.57	1.54	1.50	1.46
40	2.84	2.44	2.23	2.09	2.00	1.93	1.87	1.83	1.79	1.76	1.71	1.66	1.61	1.57	1.54	1.51	1.47	1.42	1.38
60	2.79	2.39	2.18	2.04	1.95	1.87	1.82	1.77	1.74	1.71	1.66	1.60	1.54	1.51	1.48	1.44	1.40	1.35	1.29
120	2.75	2.35	2.13	1.99	1.90	1.82	1.77	1.72	1.68	1.65	1.60	1.55	1.48	1.54	1.41	1.37	1.32	1.26	1.19
00	2.71	2.30	2.08	1.94	1.85	1.77	1.72	1.67	1.63	1.60	1.55	1.49	1.42	1.38	1.34	1.30	1.24	1.17	1.00

III-b) F Dağılımı Tablosu  $\alpha = 0.05$ 

$v_1 \backslash v_2$	1	2	3	4	5	6	7	8	9	10	12	15	20	24	30	40	60	120	00
1	161.4	199.5	251.7	224.6	230.2	234.0	236.8	238.9	240.5	241.9	243.9	245.9	218.0	249.1	250.1	251.1	252.2	253.3	251.3
2	18.51	9.16	9.16	19.25	19.20	19.33	19.35	19.37	19.38	19.40	19.41	19.43	19.45	19.45	19.45	19.47	19.43	19.49	19.50
3	10.18	9.28	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.74	8.70	8.66	8.04	8.04	8.59	8.57	8.55	8.53
4	7.71	6.59	6.59	9.39	6.26	6.16	6.09	6.04	6.00	5.96	5.91	5.86	5.80	5.77	5.77	5.72	5.69	5.66	5.63
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.68	4.62	4.56	4.53	4.50	4.46	4.43	4.40	4.36
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.00	3.94	3.87	3.84	3.81	3.77	3.74	3.70	3.67
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.57	3.61	3.44	3.41	3.38	3.34	3.30	3.27	3.23
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.28	3.22	2.15	2.12	3.08	3.04	3.01	3.97	3.93
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.07	3.01	2.94	2.90	2.86	3.83	2.79	2.75	2.71
10	4.96	4.10	3.71	3.48	3.33	8.22	8.14	8.07	8.02	2.98	2.91	2.85	2.77	2.74	2.70	2.66	2.62	2.59	2.54
11	4.84	3.98	3.59	3.36	3.20	8.09	8.01	2.95	2.90	2.85	2.79	2.72	2.65	2.61	2.57	2.53	2.49	2.45	2.40
12	4.75	3.89	3.49	3.26	3.11	8.00	2.91	2.85	2.80	2.75	2.69	2.62	2.54	2.51	2.47	2.43	2.35	2.34	2.30
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.60	2.53	2.46	2.43	2.38	2.34	2.30	2.25	2.21
14	4.60	3.74	3.84	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.53	2.46	2.39	2.35	2.31	2.27	2.22	2.18	2.13
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.48	2.40	2.33	2.20	2.25	2.20	2.16	2.11	2.07
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.42	2.35	2.28	2.24	2.19	2.15	2.11	2.06	2.01
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.38	2.31	2.23	2.19	2.15	2.10	2.06	2.01	1.96
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.34	2.27	2.20	2.15	2.11	2.06	2.02	1.97	1.92
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.31	2.23	2.16	2.11	2.07	2.03	1.98	1.93	1.83
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.28	2.20	2.12	2.08	2.04	1.99	1.95	1.90	1.84
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.25	2.18	2.10	2.05	2.01	1.96	1.92	1.87	1.91
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.23	2.16	2.07	2.03	1.98	1.94	1.89	1.84	1.78
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.20	2.13	2.05	2.01	1.96	1.91	1.86	1.81	1.76
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.18	2.11	2.03	1.98	1.94	1.89	1.84	1.79	1.73
25	4.24	3.39	3.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.16	2.09	2.01	1.96	1.92	1.87	1.82	771.75	1.71
26	4.23	3.37	3.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.15	2.07	1.99	1.95	1.90	1.85	1.80	1.73	1.69
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.13	2.06	1.97	1.93	1.88	1.84	1.79	1.71	1.67
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.12	2.04	1.96	1.91	1.87	1.82	1.77	1.70	1.65
29	4.18	3.33	2.92	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.10	2.03	1.94	1.90	1.85	1.81	1.75		1.65
30	4.17	3.22	2.92	2.69	2.53	2.43	2.33	2.27	2.21	2.16	2.09	2.01	1.93	1.89	1.84	1.79	1.74	1.68	1.62
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.18	2.08	2.00	1.92	1.84	1.79	1.74	1.69	1.64	1.58	1.51
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	3.04	1.09	1.92	1.84	1.75	1.70	1.65	1.59	1.53	1.47	1.39
120	3.92	3.07	2.68	2.45	2.29	2.17	2.09	2.02	1.96	1.91	1.83	1.75	1.66	1.61	1.55	1.60	1.43	1.35	1.25
00	3.84	3.00	2.60	2.37	2.21	2.10	2.01	1.94	1.88	1.83	1.75	1.67	1.57	1.52	1.46	1.39	1.32	1.22	1.00

III-c) F Dağılımı Tablosu  $\alpha = 0.01$ 

$v_1 \backslash v_2$	1	2	3	4	5	6	7	8	9	10	12	15	20	24	30	40	60	120	00
1	4052	4999.5	5403	5625	5764	5859	5928	5982	6022	6056	6106	6157	6209	6235	6261	6287	6313	6339	6366
2	98.50	99.00	99.17	99.25	99.30	99.33	99.36	99.37	99.39	99.40	99.42	99.43	99.45	99.46	99.47	99.47	99.48	99.49	99.50
3	34.12	30.82	29.46	28.71	28.24	27.91	27.67	27.49	27.35	27.23	27.05	26.87	26.69	26.60	26.50	26.41	23.32	26.22	26.13
4	21.20	18.00	16.69	15.98	15.52	15.21	14.98	14.80	14.66	14.55	14.37	14.20	14.02	13.93	13.84	13.75	13.65	13.56	13.46
5	16.26	13.27	12.06	11.39	10.97	10.67	10.46	10.29	10.16	10.05	9.89	9.72	9.55	9.47	9.38	9.29	9.20	9.11	9.02
6	13.75	10.92	9.78	9.15	8.75	8.47	8.26	8.10	7.98	7.87	7.72	7.56	7.40	7.31	7.23	7.14	7.08	6.97	6.88
7	12.25	9.55	8.45	7.85	7.46	7.19	6.99	6.84	6.72	6.62	6.47	6.31	6.16	6.07	5.99	5.91	5.82	5.74	5.65
8	11.26	8.65	7.59	7.01	6.63	6.37	6.18	6.03	5.91	5.81	5.67	5.52	5.36	5.28	5.20	5.12	5.03	4.95	4.86
9	10.56	8.02	6.99	6.42	6.06	5.80	5.61	5.47	5.35	5.26	5.11	4.96	4.81	4.73	4.65	4.47	4.48	4.40	4.31
10	10.04	7.56	6.55	5.99	5.64	5.39	5.20	5.06	4.94	4.85	4.71	4.56	4.41	4.33	4.25	4.17	4.08	4.00	3.91
11	9.65	7.21	6.22	5.67	5.32	5.07	4.89	4.74	4.63	4.54	4.40	4.25	4.10	4.02	3.94	3.86	3.78	3.69	3.60
12	9.33	6.93	5.95	5.41	5.06	4.82	4.64	4.50	4.39	4.30	4.16	4.01	3.86	3.78	3.70	3.62	3.54	3.45	3.36
13	9.07	6.70	4.74	5.21	4.86	4.62	4.44	4.30	4.19	4.10	3.96	3.82	3.66	3.59	3.51	3.43	3.34	3.25	3.17
14	8.86	6.51	5.56	5.04	4.69	4.46	4.28	4.14	4.03	3.94	3.80	3.66	3.51	3.43	3.35	3.27	3.18	3.09	3.09
15	8.68	6.36	5.42	4.80	4.56	4.32	4.14	4.00	3.89	3.80	3.67	3.52	3.37	3.29	3.21	3.13	3.05	2.96	2.87
16	8.53	6.23	5.29	4.77	4.44	4.20	4.03	3.89	3.78	3.69	3.55	3.41	3.26	3.18	3.10	3.02	2.93	2.84	2.75
17	8.40	6.11	5.18	4.67	4.34	4.10	3.93	3.79	3.68	3.59	3.46	3.31	3.16	3.08	3.00	2.92	2.83	2.75	2.65
18	8.29	6.01	5.09	4.85	4.25	4.01	3.84	3.71	3.60	3.51	3.37	3.23	3.08	3.00	2.92	2.84	2.75	2.66	2.57
19	8.18	5.93	5.01	4.50	4.17	3.94	3.77	3.63	3.52	3.43	3.30	3.15	3.00	2.92	2.84	2.76	2.67	2.58	2.49
20	8.10	5.85	4.94	4.43	4.10	3.87	3.70	3.56	3.46	3.37	3.23	3.09	2.94	2.86	2.78	2.69	2.61	2.52	2.42
21	8.02	5.78	4.87	4.37	4.04	3.81	3.64	3.51	3.40	3.31	3.17	3.03	2.88	2.80	2.72	2.64	2.55	2.46	2.36
22	7.95	5.72	4.82	4.31	3.99	3.76	3.59	3.45	3.35	3.26	3.12	2.98	2.83	2.75	2.67	2.58	2.50	2.40	2.31
23	7.88	5.66	4.76	4.26	3.94	3.71	3.54	3.41	3.30	3.21	3.07	2.93	2.78	2.70	2.62	2.54	2.45	2.35	2.26
24	7.82	5.61	4.72	4.22	3.90	3.67	3.50	3.36	3.26	3.17	3.03	2.89	2.74	2.66	2.58	2.49	2.40	2.31	2.21
25	7.77	5.57	4.68	4.18	3.85	3.63	3.46	3.32	3.22	3.13	2.99	2.85	2.70	2.62	2.57	2.45	2.36	2.27	2.17
26	7.72	5.53	4.64	4.14	3.82	3.59	3.42	3.29	3.18	3.09	2.96	2.81	2.66	2.58	2.50	2.42	2.33	2.23	2.13
27	7.68	5.49	4.60	4.11	3.78	3.56	3.39	3.26	3.15	3.08	2.93	2.78	2.63	2.55	2.47	2.38	2.29	2.20	2.10
28	7.64	5.45	4.57	4.07	3.75	3.53	3.36	3.23	3.12	3.03	2.90	2.75	2.60	2.52	2.44	2.35	2.26	2.17	2.06
29	7.60	5.42	4.54	4.04	3.73	3.50	3.33	3.20	3.09	3.00	2.87	2.73	2.57	2.49	2.41	2.33	2.23	2.14	2.03
30	7.56	5.39	4.51	4.02	3.70	3.47	3.30	3.17	3.07	2.98	2.84	2.70	2.55	2.47	2.39	2.30	2.21	2.11	2.01
40	7.31	5.18	4.31	3.83	3.51	3.29	3.12	2.99	2.89	2.80	2.66	2.52	2.37	2.29	2.20	2.11	2.02	1.92	1.80
60	7.08	4.98	4.13	3.65	3.34	3.12	2.95	2.82	2.72	2.63	2.50	2.35	2.20	2.12	2.03	1.94	1.84	1.73	1.60
120	6.85	4.79	3.95	3.48	3.17	2.96	2.79	2.66	2.56	2.47	2.34	2.19	2.03	2.95	2.86	1.76	1.66	1.53	1.38
00	6.63	4.61	3.78	3.32	3.02	2.80	2.64	2.51	2.41	2.32	2.18	2.04	1.88	1.79	1.70	1.59	1.47	1.32	1.00

IV- Ki Kare Tablosu

Pr Serbestlik Derecesi\	.995	.990	.975	.950	.900	.750	.500	.250	0.100	0.050	.025	.010	.005
1	392704x10 <sup>-10</sup>	157088x10 <sup>-9</sup>	982069x10 <sup>-9</sup>	3933214x10 <sup>-8</sup>	0157908	1015308	454937	1.32330	2.70554	3.84146	5.02389	6.63490	7.87944
2	.0100251	.021007	.0506356	.102587	.210720	.575364	1.38629	2.77259	4.60517	5.99147	7.37776	9.21034	10.5966
3	.0717212	.114832	.215795	.351846	.584375	1.212534	2.36597	4.10835	6.25139	7.81473	9.34840	11.3449	12.8381
4	.206990	.297110	.484419	.710721	1.063623	1.92255	3.35670	5.38527	7.77944	9.48773	11.1433	13.2767	14.8602
5	.411740	.554300	.831211	1.145476	1.61031	2.67460	4.35146	6.62568	9.23635	11.0705	12.8325	15.0863	16.7496
6	.675727	.872085	1.237347	1.63539	2.20413	3.45460	5.34812	7.84080	10.6446	12.5916	14.4494	16.8119	18.5476
7	.989265	1.239043	1.68987	2.16735	2.83311	4.25485	6.34581	9.03715	12.0170	14.0671	16.0128	18.4753	20.2777
8	1.344419	1.646482	2.17973	2.73264	3.48954	5.07064	7.34412	10.2188	13.3616	15.5073	17.5346	20.0902	21.9550
9	1.734926	2.087912	2.70039	3.32511	4.16816	5.89883	8.34283	11.3887	14.6837	16.9190	19.0228	21.6660	23.5893
10	2.15585	2.55821	3.24697	3.94030	4.86518	6.73720	9.34182	12.5489	15.9871	18.3070	20.4831	23.2093	25.1882
11	2.60321	3.05347	3.81575	4.57481	5.57779	7.58412	10.3410	13.7007	17.2750	19.6751	21.9200	24.7250	26.7569
12	3.07382	3.57056	4.40379	5.22603	6.30380	8.43842	11.3403	14.8454	18.5494	21.0261	23.3367	26.2170	28.2995
13	3.56503	4.10691	5.00874	5.89186	7.04150	9.29906	12.3398	15.9839	19.8119	22.3621	24.7356	27.6883	29.8194
14	4.07468	4.66043	5.62872	6.57063	7.78953	10.1653	13.3393	17.1170	21.0642	23.6848	26.1190	29.1413	31.3193
15	4.60094	5.22935	6.26214	7.26094	8.54675	11.0365	14.3389	18.2451	22.3072	24.9958	27.4884	30.5779	32.8013
16	5.14224	5.81221	6.90766	7.96164	9.31223	11.9122	15.3385	19.3688	23.5418	26.2962	28.8454	31.9999	34.2672
17	5.69724	6.40776	7.56418	8.67176	10.0852	12.7919	16.3381	20.4887	24.7690	27.5871	30.1910	33.4087	35.7185
18	6.26481	7.01491	8.23075	9.39046	10.8649	13.6753	17.3379	21.6049	25.9894	28.8693	31.5264	34.8053	37.1564
19	6.84398	7.63273	8.90655	10.1170	11.6509	14.5620	18.3376	22.7178	27.2036	30.1435	32.8523	36.1908	38.5822
20	7.43386	8.26040	9.59083	10.8508	12.4426	15.4518	19.3374	23.8277	28.4120	31.4104	34.1696	37.5662	39.9968
21	8.03366	8.89720	10.28293	11.5913	13.2396	16.3444	20.3372	24.9348	29.6151	32.6705	35.4789	38.9321	41.4010
22	8.64272	9.54249	10.9823	12.3380	14.0415	17.2396	21.3370	26.0393	30.8133	33.9244	36.7807	40.2894	42.7956
23	9.26042	10.19567	11.6885	13.0905	14.8479	18.1373	22.3369	27.1413	32.0069	35.1725	38.0757	41.6384	44.1813
24	9.88623	10.8564	12.4011	13.8484	15.6587	19.0372	23.3367	28.2412	33.1963	36.4151	39.3641	42.9798	45.5585
25	10.5197	11.5240	13.1197	14.6114	16.4734	19.9393	24.3366	29.3389	34.3816	37.6525	40.6465	44.3141	46.9278
26	11.1603	12.1981	13.8439	15.3791	17.2919	20.8434	25.3364	30.4345	35.5631	38.8852	41.9232	45.6417	48.2899
27	11.8076	12.8786	14.5733	16.1513	18.1138	21.7494	26.3363	31.5284	36.7412	40.1133	43.1944	46.9630	49.6449
28	12.4613	13.5648	15.3079	16.9279	18.9392	22.6572	27.3363	32.6205	37.9159	41.3372	44.4607	48.2782	50.9933
29	13.1211	14.2565	16.0471	17.7083	19.7677	23.5666	28.3362	33.7109	39.0875	42.5569	45.7222	49.5879	52.3356
30	13.7867	14.9535	16.7908	18.4926	20.5992	24.4776	29.3360	34.7998	40.2560	43.7729	46.9792	50.8922	53.6720
40	20.7065	22.1643	24.4331	26.5093	29.0505	33.6603	39.3354	45.6160	51.8050	55.7585	59.3417	63.6907	66.7659
50	27.9907	29.7067	32.3574	34.7642	37.6886	42.9421	49.3349	56.3336	63.1671	67.5048	71.4202	76.1539	79.4900
60	35.5346	37.4848	40.4817	43.1879	46.4589	52.2938	59.3347	66.9814	74.3970	79.0819	83.2976	88.3794	91.9517
70	43.2752	45.4418	48.7576	51.7393	55.3290	61.6983	69.3344	77.5766	85.5271	90.5312	95.0231	100.425	104.215
80	51.1720	53.5400	57.1532	60.3915	64.2778	71.1445	79.3343	88.1303	96.5782	101.879	106.629	112.329	116.321
90	59.1963	61.7541	65.6466	69.1260	73.2912	80.6247	89.3342	98.6499	107.565	113.145	118.136	124.116	128.299
100*	67.3276	70.0648	74.2219	77.9295	82.3581	90.1332	99.3341	109.141	118.498	124.342	129.561	135.807	140.169

\*100'den büyük sd için  $\sqrt{2x^2 - \chi_{(2k-1)}^2}$  = Z ifadesi standart normal dağılıma uyar, burada k serbestlik derecesini gösterir.

V-a) Z Dönüşümü Tablosu

r	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.00	0.0000	0.0100	0.0200	0.3000	0.0400	0.0500	0.0601	0.0701	0.0802	0.0902
0.10	0.1003	0.1104	0.1206	0.1307	0.1409	0.1511	0.1614	0.1717	0.1820	0.1923
0.20	0.2027	0.2132	0.2237	0.2342	0.2448	0.2554	0.2661	0.2769	0.2877	0.2986
0.30	0.3095	0.3205	0.3316	0.3428	0.3541	0.3654	0.3769	0.3884	0.4001	0.4118
0.40	0.4236	0.4356	0.4477	0.4599	0.4722	0.4847	0.4973	0.5101	0.5230	0.5361
0.50	0.5493	0.5627	0.5763	0.5901	0.6042	0.6184	0.6328	0.6475	0.6625	0.6777
0.60	0.6931	0.7089	0.7250	0.7414	0.7582	0.7753	0.7928	0.8107	0.8291	0.8480
0.70	0.8673	0.8872	0.9076	0.9287	0.9505	0.9730	0.9962	1.0203	1.0454	1.0714
0.80	1.0986	1.1270	1.1568	1.1881	1.2212	1.2562	1.2933	1.3331	1.3758	1.4219

r	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
0.900	1.4722	1.4775	1.4828	1.4882	1.4937	1.4992	1.5047	1.5103	1.5160	1.5217
0.910	1.2575	1.5334	1.5393	1.5453	1.5513	1.5574	1.5636	1.5698	1.5762	1.5826
0.920	1.5890	1.5956	1.6022	1.6089	1.6157	1.6226	1.6296	1.6366	1.6438	1.6510
0.930	1.6584	1.6658	1.6734	1.6811	1.6888	1.6967	1.7047	1.7129	1.7211	1.7295
0.940	1.7380	1.7467	1.7555	1.7645	1.7736	1.7828	1.7923	1.8019	1.8117	1.8216
0.950	1.8318	1.8421	1.8527	1.8635	1.8745	1.8857	1.8972	1.9090	1.9210	1.9333
0.960	1.9459	1.9588	1.9721	1.9857	1.9996	2.0139	2.0287	2.0439	2.0595	2.0756
0.970	2.0923	2.1095	2.1273	2.1457	2.1649	2.1847	2.2054	2.2269	2.2494	2.2729
0.980	2.2976	2.3235	2.3507	2.3796	2.4101	2.4427	2.4774	2.5147	2.5550	2.5987
0.990	2.6467	2.6996	2.7587	2.8257	2.9031	2.9945	3.1063	3.2504	3.4534	3.8002

V-b) Ters Z Dönüşüm Tablosu

z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.00	0.0000	0.0100	0.0200	0.0300	0.0400	0.0500	0.0599	0.0699	0.0798	0.0898
0.10	0.0997	0.1096	0.1194	0.1293	0.1391	0.1489	0.1586	0.1684	0.1781	0.1877
0.20	0.1974	0.2070	0.2165	0.2260	0.2355	0.2449	0.2543	0.2636	0.2729	0.2821
0.30	0.2913	0.3004	0.3095	0.3185	0.3275	0.3364	0.3452	0.3540	0.3627	0.3714
0.40	0.3799	0.3885	0.3969	0.4053	0.4136	0.4219	0.4301	0.4382	0.4462	0.4542
0.50	0.4621	0.4699	0.4777	0.4854	0.4930	0.5005	0.5080	0.5154	0.5227	0.5299
0.60	0.5370	0.5441	0.5511	0.5581	0.5649	0.5717	0.5784	0.5850	0.5915	0.5980
0.70	0.6044	0.6107	0.6169	0.6231	0.6291	0.6351	0.6411	0.6469	0.6527	0.6584
0.80	0.6640	0.6696	0.6751	0.6805	0.6858	0.6911	0.6963	0.7014	0.7064	0.7114
0.90	0.7163	0.7211	0.7259	0.7306	0.7352	0.7398	0.7443	0.7487	0.7531	0.7574
1.00	0.7616	0.7658	0.7699	0.7739	0.7779	0.7818	0.7857	0.7895	0.7932	0.7969
1.10	0.8005	0.8041	0.8076	0.8110	0.8144	0.8178	0.8210	0.8243	0.8275	0.8306
1.20	0.8337	0.8367	0.8397	0.8426	0.8455	0.8483	0.8511	0.8538	0.8565	0.8591
1.30	0.8617	0.8643	0.8668	0.8692	0.8717	0.8741	0.8764	0.8787	0.8810	0.8832
1.40	0.8854	0.8875	0.8896	0.8917	0.8937	0.8957	0.8977	0.8996	0.9015	0.9033
1.50	0.9051	0.9069	0.9087	0.9104	0.9121	0.9138	0.9154	0.9170	0.9186	0.9201
1.60	0.9217	0.9232	0.9246	0.9261	0.9275	0.9289	0.9302	0.9316	0.9329	0.9341
1.70	0.9354	0.9366	0.9379	0.9391	0.9402	0.9414	0.9425	0.9436	0.9447	0.9458
1.80	0.9468	0.9478	0.9488	0.9498	0.9508	0.9517	0.9527	0.9536	0.9545	0.9554
1.90	0.9562	0.9571	0.9579	0.9587	0.9595	0.9603	0.9611	0.9618	0.9626	0.9633
2.00	0.9640	0.9647	0.9654	0.9661	0.9667	0.9674	0.9680	0.9687	0.9693	0.9699
2.10	0.9705	0.9710	0.9716	0.9721	0.9727	0.9732	0.9737	0.9743	0.9748	0.9753
2.20	0.9757	0.9762	0.9767	0.9771	0.9776	0.9780	0.9785	0.9789	0.9793	0.9797
2.30	0.9801	0.9805	0.9809	0.9812	0.9816	0.9820	0.9823	0.9827	0.9830	0.9833
2.40	0.9837	0.9840	0.9843	0.9846	0.9849	0.9852	0.9855	0.9858	0.9861	0.9863
2.50	0.9866	0.9869	0.9871	0.9874	0.9876	0.9879	0.9881	0.9884	0.9886	0.9888
2.60	0.9890	0.9892	0.9895	0.9897	0.9899	0.9901	0.9903	0.9905	0.9906	0.9908
2.70	0.9910	0.9912	0.9914	0.9915	0.9917	0.9919	0.9920	0.9922	0.9923	0.9925
2.80	0.9926	0.9928	0.9929	0.9931	0.9932	0.9933	0.9935	0.9936	0.9937	0.9938
2.90	0.9940	0.9941	0.9942	0.9943	0.9944	0.9945	0.9946	0.9947	0.9949	0.9950
3.00	0.9951	0.9952	0.9952	0.9953	0.9954	0.9955	0.9956	0.9957	0.9958	0.9959
3.10	0.9959	0.9960	0.9961	0.9962	0.9963	0.9963	0.9964	0.9965	0.9965	0.9966
3.20	0.9967	0.9967	0.9968	0.9969	0.9969	0.9970	0.9971	0.9971	0.9972	0.9972
3.30	0.9973	0.9973	0.9974	0.9974	0.9975	0.9975	0.9976	0.9976	0.9977	0.9977
3.40	0.9978	0.9978	0.9979	0.9979	0.9979	0.9980	0.9980	0.9981	0.9981	0.9981
3.50	0.9982	0.9982	0.9982	0.9983	0.9983	0.9984	0.9984	0.9984	0.9984	0.9985
3.60	0.9985	0.9985	0.9986	0.9986	0.9986	0.9986	0.9987	0.9987	0.9987	0.9988
3.70	0.9988	0.9988	0.9988	0.9988	0.9989	0.9989	0.9989	0.9989	0.9990	0.9990
3.80	0.9990	0.9990	0.9990	0.9991	0.9991	0.9991	0.9991	0.9991	0.9991	0.9992
3.90	0.9992	0.9992	0.9992	0.9992	0.9992	0.9993	0.9993	0.9993	0.9993	0.9993

VI-a) Sıra Testi Tablosu  $\alpha = 0.05$ 

$n_1$	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	$n_2$																		
2									2	2	2	2	2	2	2	2	2	2	
3			2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	
4			2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	
5		2	2	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	
6	2	2	3	3	3	3	4	4	4	4	5	5	5	5	5	5	6	6	
7	2	2	3	3	3	4	4	5	5	5	5	6	6	6	6	6	6	6	
8	2	3	3	3	4	4	5	5	5	6	6	6	6	6	7	7	7	7	
9	2	3	3	4	4	4	5	5	5	6	6	7	7	7	8	8	8	8	
10	2	3	3	4	5	5	5	6	6	7	7	7	7	8	8	8	8	9	
11	2	3	4	4	5	5	6	6	7	7	7	8	8	8	9	9	9	9	
12	2	2	3	4	4	5	6	6	7	7	8	8	8	9	9	9	10	10	
13	2	2	3	4	5	5	6	6	7	7	8	8	9	9	10	10	10	10	
14	2	2	3	4	5	5	6	7	7	8	8	9	9	9	10	10	11	11	
15	2	3	3	4	5	6	6	7	7	8	8	9	9	10	10	11	11	12	
16	2	3	4	4	5	6	6	7	8	8	9	9	10	10	11	11	11	12	
17	2	3	4	4	5	6	7	7	8	9	9	10	10	11	11	11	12	13	
18	2	3	4	5	5	6	7	8	8	9	9	10	10	11	11	12	12	13	
19	2	3	4	5	6	6	7	8	8	9	10	10	11	11	12	12	13	13	
20	2	3	4	5	6	6	7	8	9	9	10	10	11	12	12	13	13	14	

VI-b) Sıra Testi Tablosu  $\alpha = 0.05$ 

$n_1$	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	$n_2$																		
2																			
3																			
4			9	9															
5			9	10	10	11	11												
6			9	10	11	12	12	13	13	13	13								
7			11	12	13	13	14	14	14	14	14	15	15	15					
8			11	12	13	14	14	15	15	15	16	16	16	16	17	17	17	17	
9			13	14	14	15	16	16	16	17	17	18	18	18	18	18	18	18	
10			13	14	15	16	16	17	17	18	18	18	18	19	19	19	19	20	
11			13	14	15	16	17	17	18	19	19	19	19	20	20	20	20	21	
12			13	14	16	16	17	18	19	19	19	20	20	20	21	21	21	22	
13			15	16	17	18	19	19	20	20	21	21	22	22	22	23	23	23	
14			15	16	17	18	19	20	20	20	21	22	22	22	23	23	23	24	
15			15	16	18	18	19	20	21	21	22	22	23	23	24	24	24	25	
16			17	18	19	20	21	21	22	22	23	23	24	24	25	25	25	25	
17			17	18	19	20	21	22	22	23	23	23	24	25	25	26	26	26	
18			17	18	19	20	21	22	23	23	24	24	25	25	26	26	26	27	
19			17	18	20	21	22	23	23	24	24	25	25	26	26	27	27	27	
20			17	18	20	21	22	23	24	25	25	26	27	27	27	28			

$n_1 = (+)$  işaretli,  $n_2 = (-)$  işaretli artıkların sayısı.

VII-a) Durbin Watson Tablosu       $\alpha = 0.05$ 

n	k' = 1		k' = 2		k' = 3		k' = 4		k' = 5	
	d <sub>L</sub>	d <sub>U</sub>								
15	1.08	1.36	0.95	1.54	0.82	1.75	0.69	1.97	0.56	2.21
16	1.10	1.37	0.98	1.54	0.86	1.73	0.74	1.93	0.62	2.15
17	1.13	1.38	1.02	1.54	0.90	1.71	0.78	1.90	0.67	2.10
18	1.16	1.39	1.05	1.53	0.93	1.69	0.82	1.87	0.71	2.06
19	1.18	1.40	1.08	1.53	0.97	1.68	0.86	1.85	0.75	2.02
20	1.20	1.41	1.10	1.54	1.00	1.68	0.90	1.83	0.79	1.99
21	1.22	1.42	1.13	1.54	1.03	1.67	0.93	1.81	0.83	1.96
22	1.24	1.43	1.15	1.54	1.05	1.66	0.96	1.80	0.86	1.94
23	1.26	1.44	1.17	1.54	1.08	1.66	0.99	1.79	0.90	1.92
24	1.27	1.45	1.19	1.55	1.10	1.66	1.01	1.78	0.93	1.90
25	1.29	1.45	1.21	1.55	1.12	1.66	1.04	1.77	0.95	1.89
26	1.30	1.46	1.22	1.55	1.14	1.65	1.06	1.76	0.98	1.88
27	1.32	1.47	1.24	1.56	1.16	1.65	1.08	1.76	1.01	1.86
28	1.33	1.48	1.26	1.56	1.18	1.65	1.10	1.75	1.03	1.85
29	1.34	1.48	1.27	1.56	1.20	1.65	1.12	1.74	1.05	1.84
30	1.35	1.49	1.28	1.57	1.21	1.65	1.14	1.74	1.07	1.83
31	1.36	1.50	1.30	1.57	1.23	1.65	1.16	1.74	1.09	1.83
32	1.37	1.50	1.31	1.57	1.24	1.65	1.18	1.73	1.11	1.82
33	1.38	1.51	1.32	1.58	1.26	1.65	1.19	1.73	1.13	1.81
34	1.39	1.51	1.33	1.58	1.27	1.65	1.21	1.73	1.15	1.81
35	1.40	1.52	1.34	1.58	1.28	1.65	1.22	1.73	1.16	1.80
36	1.41	1.52	1.35	1.59	1.29	1.65	1.24	1.73	1.18	1.80
37	1.42	1.53	1.36	1.59	1.31	1.66	1.25	1.72	1.19	1.80
38	1.43	1.54	1.37	1.59	1.32	1.66	1.26	1.72	1.21	1.79
39	1.43	1.54	1.38	1.60	1.33	1.66	1.27	1.72	1.22	1.79
40	1.44	1.54	1.39	1.60	1.34	1.66	1.29	1.72	1.23	1.79
45	1.48	1.57	1.43	1.62	1.38	1.67	1.34	1.72	1.29	1.78
50	1.50	1.59	1.46	1.63	1.42	1.67	1.38	1.72	1.34	1.77
55	1.53	1.60	1.49	1.64	1.45	1.68	1.41	1.72	1.38	1.77
60	1.55	1.62	1.51	1.65	1.48	1.69	1.44	1.73	1.41	1.77
65	1.57	1.63	1.54	1.66	1.50	1.70	1.47	1.73	1.44	1.77
70	1.58	1.64	1.55	1.67	1.52	1.70	1.49	1.74	1.46	1.77
75	1.60	1.65	1.57	1.68	1.54	1.71	1.51	1.74	1.49	1.77
80	1.61	1.66	1.59	1.69	1.56	1.72	1.53	1.74	1.51	1.77
85	1.62	1.67	1.60	1.70	1.57	1.72	1.55	1.75	1.52	1.77
90	1.63	1.68	1.61	1.70	1.59	1.73	1.57	1.75	1.54	1.78
95	1.64	1.69	1.62	1.71	1.60	1.73	1.58	1.75	1.56	1.78
100	1.65	1.69	1.63	1.72	1.61	1.74	1.59	1.76	1.57	1.78

VII-b) Durbin Watson Tablosu  $\alpha = 0.01$ 

n	k' = 1		k' = 2		k' = 3		k' = 4		k' = 5	
	d <sub>L</sub>	d <sub>U</sub>								
15	0.81	1.07	0.70	1.25	0.59	1.46	0.49	1.70	0.39	1.96
16	0.84	1.09	0.74	1.25	0.63	1.44	0.53	1.66	0.44	1.90
17	0.87	1.10	0.77	1.25	0.67	1.43	0.57	1.63	0.48	1.85
18	0.90	1.12	0.80	1.26	0.71	1.42	0.61	1.60	0.52	1.80
19	0.93	1.13	0.83	1.26	0.74	1.41	0.65	1.58	0.56	1.77
20	0.95	1.15	0.86	1.27	0.77	1.41	0.68	1.57	0.60	1.74
21	0.97	1.16	0.89	1.27	0.80	1.41	0.72	1.55	0.63	1.71
22	1.00	1.17	0.91	1.28	0.83	1.40	0.75	1.54	0.66	1.69
23	1.02	1.19	0.94	1.29	0.86	1.40	0.77	1.53	0.70	1.67
24	1.04	1.20	0.96	1.30	0.88	1.41	0.80	1.53	0.72	1.66
25	1.05	1.21	0.98	1.30	0.90	1.41	0.83	1.52	0.75	1.65
26	1.07	1.22	1.00	1.31	0.93	1.41	0.85	1.52	0.78	1.64
27	1.09	1.23	1.02	1.32	0.95	1.41	0.88	1.51	0.81	1.63
28	1.10	1.24	1.04	1.32	0.97	1.41	0.90	1.51	0.83	1.62
29	1.12	1.25	1.05	1.33	0.99	1.42	0.92	1.51	0.85	1.61
30	1.13	1.26	1.07	1.34	1.01	1.42	0.94	1.51	0.88	1.61
31	1.15	1.27	1.08	1.34	1.02	1.42	0.96	1.51	0.90	1.60
32	1.16	1.28	1.10	1.35	1.04	1.43	0.98	1.51	0.92	1.60
33	1.17	1.29	1.11	1.36	1.05	1.43	1.00	1.51	0.94	1.59
34	1.18	1.30	1.13	1.36	1.07	1.43	1.01	1.51	0.95	1.59
35	1.19	1.31	1.14	1.37	1.08	1.44	1.03	1.51	0.97	1.59
36	1.21	1.32	1.15	1.38	1.10	1.44	1.04	1.51	0.99	1.59
37	1.22	1.32	1.16	1.38	1.11	1.45	1.06	1.51	1.00	1.59
38	1.23	1.33	1.18	1.39	1.12	1.45	1.07	1.52	1.02	1.58
39	1.24	1.34	1.19	1.39	1.14	1.45	1.09	1.52	1.03	1.58
40	1.25	1.34	1.20	1.40	1.15	1.46	1.10	1.52	1.05	1.58
45	1.29	1.38	1.24	1.42	1.20	1.48	1.16	1.53	1.11	1.58
50	1.32	1.40	1.28	1.45	1.24	1.49	1.20	1.54	1.16	1.59
55	1.36	1.43	1.32	1.47	1.28	1.51	1.25	1.55	1.21	1.59
60	1.38	1.45	1.35	1.48	1.32	1.52	1.28	1.56	1.25	1.60
65	1.41	1.47	1.38	1.50	1.35	1.53	1.31	1.57	1.28	1.61
70	1.43	1.49	1.40	1.52	1.37	1.55	1.34	1.58	1.31	1.61
75	1.45	1.50	1.42	1.53	1.39	1.56	1.37	1.59	1.34	1.62
80	1.47	1.52	1.44	1.54	1.42	1.57	1.39	1.60	1.36	1.62
85	1.48	1.53	1.46	1.55	1.43	1.58	1.41	1.60	1.39	1.63
90	1.50	1.54	1.47	1.56	1.45	1.59	1.43	1.61	1.41	1.64
95	1.51	1.55	1.49	1.57	1.47	1.60	1.45	1.62	1.42	1.64
100	1.52	1.56	1.50	1.58	1.48	1.60	1.46	1.63	1.44	1.65

VII-a) Savin-White Tablosu  $\alpha = 0.05$ 

n	k=1		k=2		k=3		k=4		k=5		k=6		k=7		k=8		k=9		k=10		
	d <sub>L</sub>	d <sub>U</sub>																			
6	0.610	1.400																			
7	0.700	1.356	0.467	1.896																	
8	0.763	1.332	0.559	1.777	0.368	2.287															
9	0.824	1.320	0.629	1.699	0.455	2.128	0.296	2.588													
10	0.879	1.320	0.697	1.641	0.525	2.016	0.376	2.414	0.243	2.822											
11	0.927	1.324	0.758	1.604	0.595	1.928	0.444	2.283	0.316	2.264	0.203	3.005									
12	0.971	1.331	0.812	1.579	0.658	1.864	0.512	2.177	0.379	2.506	0.268	2.832	0.171	3.149							
13	1.010	1.340	0.861	1.562	0.715	1.816	0.574	2.094	0.445	2.390	0.328	2.692	0.230	2.985	0.147	3.266					
14	1.045	1.350	0.905	1.551	0.767	1.779	0.632	2.030	0.505	2.296	0.389	2.572	0.286	2.848	0.200	3.111	0.127	3.360			
15	1.077	1.361	0.946	1.543	0.814	1.750	0.685	1.977	0.562	2.220	0.447	2.472	0.343	2.727	0.251	2.979	0.175	3.216	0.111	3.438	
16	1.106	1.371	0.982	1.539	0.857	1.728	0.734	1.935	0.615	2.157	0.502	2.388	0.398	2.624	0.304	2.860	0.222	3.090	0.155	3.304	
17	1.133	1.381	1.015	1.536	0.897	1.710	0.779	1.900	0.664	2.104	0.554	2.318	0.451	2.537	0.356	2.757	0.272	2.975	0.198	3.184	
18	1.158	1.391	1.046	1.535	0.933	1.696	0.820	1.872	0.710	2.060	0.603	2.257	0.502	2.461	0.407	2.667	0.321	2.873	0.244	3.073	
19	1.180	1.401	1.074	1.536	0.967	1.685	0.859	1.848	0.752	2.023	0.649	2.206	0.459	2.396	0.456	2.589	0.369	2.783	0.290	2.974	
20	1.201	1.411	1.100	1.537	0.998	1.676	0.894	1.828	0.792	1.991	0.692	2.162	0.595	2.339	0.502	2.521	0.416	2.704	0.336	2.885	
21	1.221	1.420	1.125	1.538	1.026	1.669	0.927	1.812	0.829	1.964	0.732	2.124	0.637	2.290	0.547	2.460	0.461	2.633	0.380	2.806	
22	1.239	1.429	1.147	1.541	1.053	1.664	0.958	1.797	0.863	1.940	0.769	2.090	0.677	2.246	0.588	2.407	0.504	2.571	0.424	2.734	
23	1.257	1.437	1.168	1.543	1.078	1.660	0.986	1.785	0.895	1.920	0.804	2.061	0.715	2.208	0.628	2.360	0.545	2.514	0.465	2.670	
24	1.273	1.446	1.188	1.546	1.101	1.656	1.013	1.775	0.925	1.902	0.837	2.035	0.715	2.174	0.666	2.318	0.584	2.464	0.506	2.613	
25	1.288	1.454	1.206	1.550	1.123	1.654	1.038	1.767	0.953	1.886	0.868	2.012	0.784	2.144	0.702	2.280	0.621	2.419	0.544	2.560	
26	1.302	1.461	1.224	1.553	1.143	1.652	1.062	1.759	0.979	1.873	0.897	1.992	0.816	2.117	0.735	2.246	0.657	2.379	0.581	2.513	
27	1.316	1.469	1.240	1.556	1.162	1.651	1.084	1.753	1.004	1.861	0.925	1.974	0.845	2.093	0.767	2.216	0.691	2.342	0.616	2.470	
28	1.328	1.476	1.255	1.560	1.181	1.650	1.104	1.747	1.028	1.850	0.951	1.958	0.874	2.071	0.798	2.188	0.723	2.309	0.650	2.431	
29	1.341	1.483	1.270	1.563	1.198	1.650	1.124	1.743	1.050	1.841	0.975	1.944	0.900	2.052	0.826	2.164	0.753	2.278	0.682	2.396	
30	1.352	1.489	1.284	1.567	1.214	1.650	1.143	1.739	1.071	1.833	0.998	1.931	0.926	2.034	0.854	2.141	0.782	2.251	0.712	2.363	
31	1.363	1.496	1.297	1.570	1.229	1.650	1.160	1.735	1.090	1.825	1.020	1.920	0.950	2.018	0.879	2.120	0.810	2.226	0.741	2.333	
32	1.373	1.502	1.309	1.574	1.244	1.650	1.177	1.732	1.109	1.819	1.041	1.909	0.972	2.004	0.904	2.102	0.836	2.203	0.769	2.306	
33	1.383	1.508	1.321	1.577	1.258	1.651	1.193	1.730	1.127	1.813	1.061	1.900	0.994	1.991	0.927	2.085	0.861	2.181	0.795	2.281	
34	1.393	1.514	1.333	1.580	1.271	1.652	1.208	1.728	1.144	1.808	1.080	1.891	1.015	1.979	0.950	2.069	0.885	2.162	0.821	2.257	
35	1.402	1.519	1.343	1.584	1.283	1.653	1.222	1.726	1.160	1.803	1.097	1.884	1.034	1.967	0.971	2.054	0.908	2.144	0.845	2.236	
36	1.411	1.525	1.354	1.587	1.295	1.654	1.236	1.724	1.175	1.799	1.114	1.877	1.053	1.957	0.991	2.041	0.930	2.127	0.868	2.216	
37	1.419	1.530	1.364	1.590	1.307	1.655	1.249	1.723	1.190	1.795	1.131	1.870	1.071	1.948	1.011	2.029	0.951	2.112	0.891	2.198	
38	1.427	1.535	1.373	1.594	1.318	1.656	1.261	1.722	1.204	1.792	1.146	1.864	1.088	1.939	1.029	2.017	0.970	2.098	0.912	2.180	
39	1.435	1.540	1.382	1.597	1.328	1.658	1.273	1.722	1.218	1.789	1.161	1.859	1.104	1.932	1.047	2.007	0.990	2.085	0.932	2.164	
40	1.442	1.544	1.391	1.600	1.338	1.659	1.285	1.721	1.230	1.786	1.175	1.854	1.120	1.924	1.064	1.997	1.008	2.072	0.945	2.149	
45	1.475	1.566	1.430	1.615	1.383	1.666	1.336	1.720	1.287	1.776	1.238	1.835	1.189	1.895	1.139	1.958	1.089	2.002	1.038	2.088	
50	1.503	1.585	1.462	1.628	1.421	1.674	1.378	1.721	1.335	1.771	1.291	1.822	1.246	1.875	1.201	1.930	1.156	1.986	1.110	2.044	
55	1.528	1.601	1.490	1.641	1.452	1.681	1.414	1.724	1.374	1.768	1.334	1.814	1.294	1.861	1.253	1.909	1.212	1.959	1.170	2.010	
60	1.549	1.616	1.514	1.652	1.480	1.689	1.444	1.727	1.408	1.767	1.372	1.808	1.335	1.850	1.298	1.894	1.260	1.939	1.222	1.984	
65	1.567	1.629	1.536	1.662	1.503	1.696	1.471	1.731	1.438	1.767	1.404	1.805	1.370	1.843	1.336	1.882	1.301	1.923	1.266	1.964	
70	1.583	1.641	1.554	1.672	1.525	1.703	1.494	1.735	1.464	1.768	1.433	1.802	1.401	1.837	1.369	1.873	1.337	1.910	1.305	1.948	
75	1.598	1.652	1.571	1.680	1.543	1.709	1.515	1.739	1.487	1.770	1.458	1.801	1.428	1.834	1.399	1.867	1.369	1.901	1.339	1.935	
80	1.611	1.662	1.586	1.688	1.560	1.715	1.534	1.743	1.507	1.772	1.480	1.801	1.453	1.831	1.425	1.861	1.397	1.893	1.369	1.925	
85	1.624	1.671	1.600	1.696	1.575	1.721	1.550	1.747	1.525	1.774	1.500	1.801	1.474	1.829	1.448	1.857	1.422	1.886	1.396	1.916	
90	1.635	1.679	1.612	1.703	1.589	1.726	1.566	1.751	1.542	1.776	1.518	1.801	1.494	1.827	1.469	1.854	1.445	1.881	1.420	1.909	
95	1.645	1.687	1.623	1.709	1.602	1.732	1.579	1.755	1.557	1.778	1.535	1.802	1.512	1.827	1.489	1.852	1.465	1.877	1.442	1.903	
100	1.654	1.694	1.634	1.715	1.613	1.736	1.592	1.758	1.571	1.780	1.550	1.803	1.528	1.826	1.506	1.850	1.484	1.874	1.462	1.898	
150	1.720	1.746	1.706	1.760	1.693	1.774	1.679	1.788	1.665	1.802	1.651	1.817	1.637	1.832	1.622	1.847	1.608	1.862	1.594	1.877	
200	1.758	1.778	1.748	1.789	1.738	1.799	1.728	1.810	1.718	1.820	1.707	1.831	1.697	1.841	1.686	1.852	1.675	1.863	1.665	1.874	

Savin-White Tablosu  $\alpha = 0.05$ 

n	k=11		k=12		k=13		k=14		k=15		k=16		k=17		k=18		k=19		k=20	
	d_L	d_U																		
16	0.098	3.503	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
17	0.138	3.378	0.087	3.557	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
18	0.177	3.265	0.123	3.441	0.078	3.603	0.070	3.642	----	----	----	----	----	----	----	----	----	----	----	----
19	0.220	3.159	0.160	3.335	0.111	3.496	0.070	3.642	----	----	----	----	----	----	----	----	----	----	----	----
20	0.236	3.063	0.200	3.234	0.145	3.395	0.100	3.542	0.063	3.676	----	----	----	----	----	----	----	----	----	----
21	0.307	2.976	0.240	3.141	0.182	3.300	0.132	3.448	0.091	3.583	0.058	3.705	----	----	----	----	----	----	----	----
22	0.349	2.897	0.281	3.057	0.220	3.211	0.166	3.358	0.120	3.495	0.083	3.619	0.052	3.731	----	----	----	----	----	----
23	0.391	2.826	0.322	2.979	0.259	3.128	0.202	3.272	0.153	3.409	0.110	3.535	0.076	3.650	0.048	3.753	----	----	----	----
24	0.431	2.761	0.362	2.908	0.297	3.053	0.239	3.193	0.186	3.327	0.141	3.454	0.101	3.572	0.070	3.678	0.044	3.773	----	----
25	0.470	2.702	0.400	2.844	0.335	2.983	0.275	3.119	0.221	3.251	0.172	3.376	0.130	3.494	0.094	3.604	0.065	3.702	0.041	3.790
26	0.508	2.649	0.438	2.784	0.373	2.919	0.312	3.051	0.256	3.179	0.205	3.303	0.160	3.420	0.120	3.531	0.087	3.632	0.060	3.724
27	0.544	2.600	0.475	2.730	0.409	2.859	0.348	2.987	0.291	3.112	0.238	3.233	0.191	3.349	0.149	3.460	0.112	3.563	0.081	3.658
28	0.578	2.555	0.510	2.680	0.445	2.805	0.383	2.928	0.325	3.050	0.271	3.168	0.222	3.283	0.178	3.392	0.138	3.495	0.104	3.592
29	0.612	2.515	0.544	2.634	0.479	2.755	0.418	2.874	0.359	2.992	0.305	3.107	0.254	3.219	0.208	3.327	0.166	3.431	0.129	3.528
30	0.643	2.477	0.577	2.592	0.512	2.708	0.451	2.823	0.392	2.937	0.337	3.050	0.286	3.160	0.238	3.266	0.195	3.368	0.156	3.465
31	0.674	2.443	0.608	2.553	0.545	2.665	0.484	2.776	0.425	2.987	0.370	2.996	0.317	3.103	0.269	3.208	0.224	3.309	0.183	3.406
32	0.703	2.411	0.638	2.517	0.576	2.625	0.515	2.733	0.457	2.840	0.401	2.946	0.349	3.050	0.299	3.153	0.253	3.252	0.211	3.348
33	0.731	2.382	0.668	2.484	0.606	2.588	0.546	2.692	0.488	2.796	0.432	2.899	0.379	3.000	0.329	3.100	0.283	3.198	0.239	3.293
34	0.758	2.355	0.695	2.454	0.634	2.554	0.575	2.654	0.518	2.754	0.462	2.854	0.409	2.954	0.359	3.051	0.312	3.147	0.267	3.240
35	0.783	2.330	0.722	2.425	0.662	2.521	0.604	2.619	0.547	2.716	0.492	2.813	0.439	2.910	0.388	3.005	0.340	3.099	0.295	3.190
36	0.808	2.306	0.748	2.398	0.689	2.492	0.631	2.586	0.575	2.680	0.520	2.774	0.467	2.868	0.417	2.961	0.369	3.053	0.323	3.142
37	0.831	2.285	0.772	2.374	0.714	2.464	0.657	2.555	0.602	2.646	0.548	2.738	0.495	2.829	0.445	2.920	0.397	3.09	0.315	3.097
38	0.854	2.265	0.796	2.351	0.739	2.438	0.683	2.526	0.628	2.614	0.575	2.703	0.522	2.792	0.472	2.880	0.424	2.968	0.378	3.054
39	0.875	2.246	0.819	2.329	0.763	2.413	0.707	2.499	0.653	2.585	0.600	2.671	0.549	2.757	0.499	2.843	0.451	2.929	0.404	3.013
40	0.896	2.228	0.840	2.309	0.785	2.391	0.731	2.473	0.678	2.557	0.626	2.641	0.575	2.724	0.525	2.808	0.477	2.892	0.430	2.974
45	0.988	2.156	0.938	2.225	0.887	2.296	0.838	2.367	0.788	2.439	0.740	2.512	0.692	2.586	0.644	2.659	0.598	2.733	0.553	2.807
50	1.064	2.103	1.019	2.163	0.973	2.225	0.927	2.287	0.882	2.350	0.836	2.414	0.792	2.479	0.747	2.544	0.703	2.610	0.660	2.675
55	1.129	2.062	1.087	2.116	0.945	2.170	1.003	2.225	0.961	2.281	0.919	2.338	0.877	2.396	0.836	2.454	0.795	2.512	0.754	2.571
60	1.184	2.031	1.145	2.079	1.106	2.127	1.068	2.177	1.029	2.227	0.990	2.278	0.951	2.330	0.913	2.382	0.874	2.434	0.836	2.487
65	1.231	2.006	1.195	2.049	1.160	2.093	1.124	2.138	1.088	2.183	1.052	2.229	1.016	2.276	0.980	2.323	0.944	2.371	0.908	2.419
70	1.272	1.986	1.239	2.026	1.206	2.066	1.172	2.106	1.139	2.148	1.105	2.189	1.072	2.232	1.038	2.275	1.005	2.318	0.971	2.362
75	1.308	1.970	1.277	2.006	1.247	2.043	1.215	2.080	1.184	2.118	1.153	2.156	1.121	2.195	1.090	2.235	1.058	2.275	1.027	2.315
80	1.340	1.957	1.311	1.991	1.283	2.024	1.253	2.059	1.224	2.093	1.195	2.129	1.165	2.165	1.136	2.201	1.106	2.238	1.076	2.275
85	1.396	1.946	1.342	1.977	1.315	2.009	1.287	2.040	1.260	2.073	1.232	2.105	1.205	2.139	1.177	2.172	1.149	2.206	1.121	2.241
90	1.395	1.937	1.369	1.966	1.344	1.995	1.318	2.025	1.292	2.055	1.266	2.085	1.240	2.116	1.213	2.148	1.187	2.179	1.160	2.211
95	1.418	1.929	1.394	1.956	1.370	1.984	1.345	2.012	1.321	2.040	1.296	2.068	1.271	2.097	1.247	2.126	1.222	2.156	1.197	2.168
100	1.434	1.923	1.416	1.948	1.393	1.974	1.371	2.000	1.347	2.026	1.324	2.053	1.301	2.080	1.277	2.108	1.253	2.135	1.229	2.164
150	1.579	1.892	1.564	1.908	1.550	1.924	1.535	1.940	1.519	1.956	1.504	1.972	1.489	1.989	1.474	2.006	1.485	2.023	1.443	2.040
200	1.654	1.885	1.643	1.896	1.632	1.908	1.621	1.919	1.610	1.931	1.599	1.943	1.588	1.955	1.576	1.967	1.565	1.979	1.554	1.991

VII-b) Savin-White Tablosu  $\alpha = 0.01$ 

n	k=1		k=2		k=3		k=4		k=5		k=6		k=7		k=8		k=9		k=10	
	d_L	d_U																		
6	0.390	1.142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0.435	1.036	0.294	1.676	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	0.497	1.003	0.354	1.489	0.229	2.102	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	0.554	0.998	0.408	1.389	0.279	1.875	0.183	2.493	-	-	-	-	-	-	-	-	-	-	-	-
10	0.604	1.001	0.466	1.333	0.340	1.733	0.230	2.193	0.150	2.690	-	-	-	-	-	-	-	-	-	-
11	0.653	1.010	0.519	1.297	0.396	1.640	0.286	2.030	0.193	2.453	0.124	2.892	-	-	-	-	-	-	-	-
12	0.697	1.023	0.569	1.274	0.449	1.575	0.339	1.913	0.244	2.280	0.164	2.665	0.105	3.053	-	-	-	-	-	-
13	0.738	1.038	0.616	1.261	0.499	1.526	0.391	1.826	0.294	2.150	0.211	2.490	0.140	2.838	0.090	3.182	1.078	3.287	-	-
14	0.776	1.054	0.660	1.254	0.547	1.490	0.441	1.757	0.343	2.049	0.257	2.354	0.183	2.667	0.122	2.980	1.078	3.287	-	-
15	0.811	1.070	0.700	1.252	0.591	1.464	0.488	1.704	0.391	1.967	0.303	2.244	0.226	2.530	0.161	2.817	0.107	3.101	0.068	3.374
16	0.844	1.086	0.737	1.252	0.633	1.446	0.532	1.663	0.437	1.900	0.349	2.153	0.269	2.416	0.200	2.680	1.142	2.944	0.094	3.201
17	0.874	1.102	0.772	1.255	0.672	1.432	0.574	1.630	0.480	1.847	0.393	2.078	0.313	2.319	0.241	2.566	0.179	2.811	0.127	3.053
18	0.902	1.118	0.805	1.259	0.708	1.422	0.613	1.604	0.522	1.803	0.435	2.015	0.355	2.238	0.282	2.460	0.216	2.697	0.160	2.925
19	0.928	1.132	0.835	1.265	0.742	1.415	0.650	1.584	0.516	1.767	0.476	1.963	0.396	2.169	0.322	2.380	1.255	2.597	0.196	2.813
20	0.952	1.147	0.863	1.271	0.773	1.411	0.685	1.567	0.598	1.737	0.515	1.918	0.436	2.110	0.362	2.308	0.294	2.510	0.232	2.714
21	0.975	1.161	0.890	1.277	0.803	1.408	0.718	1.554	0.633	1.712	0.552	1.881	0.474	2.059	0.400	2.244	0.331	2.434	0.268	2.625
22	0.997	1.174	0.914	1.284	0.831	1.407	0.748	1.543	0.667	1.691	0.587	1.849	0.510	2.015	0.437	2.188	0.368	2.367	0.304	2.548
23	1.018	1.187	0.938	1.291	0.858	1.407	0.777	1.534	0.698	1.673	0.620	1.821	0.545	1.977	0.473	2.140	0.404	2.308	0.340	2.479
24	1.037	1.199	0.960	1.298	0.882	1.407	0.805	1.528	0.728	1.658	0.652	1.797	0.578	1.944	0.507	2.097	0.439	2.255	0.375	2.417
25	1.055	1.211	0.981	1.305	0.906	1.409	0.831	1.523	0.756	1.645	0.682	1.766	0.610	1.915	0.540	2.059	0.473	2.209	0.409	2.362
26	1.072	1.222	1.001	1.312	0.928	1.411	0.855	1.518	0.783	1.635	0.711	1.759	0.640	1.889	0.572	2.026	0.505	2.168	0.441	2.313
27	1.089	1.233	1.019	1.319	0.949	1.413	0.878	1.515	0.808	1.626	0.738	1.743	0.669	1.867	0.602	1.997	0.536	2.131	0.473	2.269
28	1.104	1.244	1.037	1.325	0.969	1.415	0.900	1.513	0.832	1.618	0.764	1.729	0.696	1.847	0.630	1.970	0.566	2.098	0.504	2.229
29	1.119	1.254	1.054	1.332	0.988	1.418	0.921	1.512	0.855	1.611	0.788	1.718	0.723	1.830	0.658	1.947	0.595	2.068	0.533	2.193
30	1.133	1.263	1.070	1.339	1.006	1.421	0.941	1.511	0.877	1.606	0.812	1.707	0.748	1.814	0.684	1.925	0.622	2.041	0.562	2.160
31	1.147	1.273	1.085	1.345	1.023	1.425	0.960	1.510	0.897	1.601	0.834	1.698	0.772	1.800	0.710	1.906	0.649	2.017	0.589	2.131
32	1.160	1.282	1.100	1.352	1.040	1.428	0.979	1.510	0.917	1.597	0.856	1.690	0.794	1.788	0.734	1.889	0.647	1.995	0.615	2.104
33	1.172	1.291	1.114	1.358	1.055	1.432	0.996	1.510	0.936	1.594	0.876	1.683	0.816	1.776	0.757	1.874	0.698	1.975	0.641	2.080
34	1.184	1.299	1.128	1.364	1.070	1.435	1.012	1.511	0.954	1.591	0.896	1.677	0.837	1.766	0.779	1.860	0.722	1.957	0.665	2.057
35	1.195	1.307	1.140	1.370	1.085	1.439	1.028	1.512	0.971	1.589	0.914	1.671	0.857	1.757	0.800	1.847	0.744	1.940	0.689	2.037
36	1.206	1.315	1.153	1.376	1.098	1.442	1.043	1.513	0.988	1.588	0.932	1.666	0.877	1.749	0.821	1.836	0.766	1.925	0.711	2.018
37	1.217	1.323	1.165	1.382	1.112	1.446	1.058	1.514	1.004	1.586	0.950	1.662	0.895	1.742	0.841	1.825	0.787	1.911	0.733	2.001
38	1.227	1.330	1.176	1.388	1.124	1.449	1.072	1.515	1.019	1.585	0.966	1.658	0.913	1.735	0.860	1.816	0.807	1.899	0.754	1.985
39	1.237	1.337	1.187	1.393	1.137	1.453	1.085	1.517	1.034	1.584	0.982	1.655	0.930	1.729	0.878	1.807	0.826	1.887	0.774	1.970
40	1.246	1.344	1.198	1.398	1.148	1.457	1.098	1.518	1.048	1.584	0.997	1.652	0.946	1.724	0.895	1.799	0.844	1.876	0.789	1.956
45	1.288	1.376	1.245	1.423	1.201	1.474	1.156	1.528	1.111	1.584	1.065	1.643	1.019	1.704	0.974	1.768	0.927	1.834	0.881	1.902
50	1.324	1.403	1.285	1.446	1.245	1.491	1.205	1.538	1.164	1.587	1.123	1.639	1.081	1.629	1.039	1.748	0.997	1.805	0.955	1.864
55	1.356	1.427	1.320	1.466	1.284	1.506	1.247	1.548	1.209	1.592	1.172	1.638	1.134	1.685	1.095	1.734	1.057	1.785	1.018	1.837
60	1.383	1.449	1.350	1.484	1.317	1.520	1.283	1.558	1.249	1.598	1.214	1.639	1.179	1.682	1.144	1.726	1.108	1.771	1.072	1.817
65	1.407	1.468	1.377	1.500	1.346	1.534	1.315	1.568	1.283	1.604	1.251	1.642	1.218	1.680	1.186	1.720	1.153	1.761	1.120	1.802
70	1.429	1.485	1.400	1.515	1.372	1.546	1.343	1.578	1.313	1.611	1.283	1.645	1.253	1.680	1.223	1.716	1.192	1.754	1.162	1.792
75	1.448	1.501	1.422	1.529	1.395	1.557	1.368	1.587	1.340	1.617	1.313	1.646	1.284	1.682	1.256	1.716	1.227	1.746	1.199	1.785
80	1.466	1.515	1.441	1.541	1.416	1.568	1.390	1.595	1.364	1.624	1.338	1.653	1.312	1.683	1.285	1.714	1.259	1.745	1.232	1.777
85	1.482	1.528	1.458	1.553	1.435	1.578	1.411	1.603	1.386	1.630	1.362	1.657	1.337	1.685	1.312	1.714	1.287	1.743	1.262	1.773
90	1.496	1.544	1.474	1.563	1.452	1.587	1.429	1.611	1.406	1.636	1.383	1.661	1.360	1.687	1.336	1.714	1.288	1.741	1.288	1.769
95	1.510	1.552	1.489	1.573	1.468	1.596	1.446	1.618	1.425	1.642	1.403	1.666	1.381	1.690	1.358	1.715	1.336	1.741	1.313	1.767
100	1.522	1.562	1.503	1.583	1.482	1.604	1.462	1.625	1.441	1.647	1.421	1.670	1.400	1.693	1.378	1.717	1.357	1.741	1.335	1.765
150	1.611	1.637	1.598	1.651	1.584	1.665	1.571	1.679	1.557	1.693	1.543	1.708	1.530	1.722	1.515	1.737	1.501	1.752	1.486	1.767
200	1.664	1.684	1.653	1.693	1.643	1.704	1.633	1.715	1.623	1.725	1.613	1.735	1.603	1.746	1.592	1.757	1.582	1.768	1.571	1.779

Savin-White Tablosu  $\alpha = 0.01$ 

n	k'=11		k'=12		k'=13		k'=14		k'=15		k'=16		k'=17		k'=18		k'=19		k'=20	
	d_L	d_U																		
16	0.060	3.446	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
17	0.084	3.286	0.053	3.506	0.047	3.557	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
18	0.113	3.146	0.075	3.358	0.047	3.557	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19	0.145	3.023	0.102	3.227	0.067	3.420	0.043	3.601	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	0.178	2.914	0.131	3.109	0.092	3.297	0.061	3.474	0.038	3.639	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
21	0.212	2.817	0.162	3.004	0.119	3.158	0.084	3.358	0.055	3.521	0.035	3.671	-----	-----	-----	-----	-----	-----	-----	-----
22	0.246	2.729	0.194	2.909	0.148	3.084	0.109	3.252	0.077	3.412	0.050	3.562	0.032	3.700	-----	-----	-----	-----	-----	-----
23	0.281	2.651	0.227	2.822	0.178	2.991	0.136	3.155	0.100	3.311	0.070	3.495	0.046	3.597	0.029	3.725	-----	-----	-----	-----
24	0.315	2.580	0.260	2.744	0.209	2.906	0.165	3.065	0.125	3.218	0.092	3.363	0.065	3.501	0.043	3.629	0.027	3.747	-----	-----
25	0.348	2.517	0.292	2.674	0.240	2.829	0.194	2.982	0.152	3.131	0.116	3.274	0.085	3.410	0.060	3.538	0.039	3.657	0.025	3.766
26	0.381	2.460	0.324	2.610	0.272	2.758	0.224	2.906	0.180	3.050	0.141	3.191	0.107	3.325	0.079	3.452	0.055	3.572	0.036	3.682
27	0.413	2.409	0.356	2.552	0.303	2.694	0.253	2.834	0.208	2.976	0.167	3.113	0.131	3.245	0.100	3.371	0.073	3.490	0.051	3.602
28	0.444	2.363	0.387	2.499	0.333	2.635	0.283	2.772	0.237	3.070	0.194	3.040	0.156	3.169	0.122	3.294	0.093	3.412	0.068	3.524
29	0.474	2.321	0.417	2.451	0.363	2.582	0.313	2.713	0.266	2.843	0.222	2.972	0.182	3.098	0.146	3.220	0.114	3.338	0.087	3.450
30	0.503	2.283	0.447	2.407	0.393	2.533	0.342	2.659	0.294	2.785	0.249	2.909	0.208	3.032	0.171	3.152	0.137	3.267	0.107	3.379
31	0.531	2.248	0.475	2.367	0.422	2.487	0.371	2.609	0.322	2.730	0.277	2.851	0.234	2.970	0.196	3.087	0.160	3.201	0.128	3.311
32	0.558	2.216	0.503	2.330	0.450	2.446	0.399	2.563	0.350	2.680	0.304	2.797	0.261	2.912	0.221	3.026	0.184	3.137	0.151	3.246
33	0.585	2.187	0.530	2.296	0.477	2.408	0.426	2.520	0.377	2.633	0.331	2.746	0.287	2.858	0.246	2.969	0.209	3.078	0.174	3.184
34	0.610	2.160	0.556	2.266	0.503	2.373	0.452	2.481	0.404	2.590	0.357	2.699	0.313	2.808	0.272	2.915	0.233	3.022	0.197	3.126
35	0.634	2.136	0.581	2.237	0.529	2.340	0.478	2.444	0.430	2.550	0.383	2.655	0.339	2.761	0.297	2.865	0.257	2.969	0.221	3.071
36	0.658	2.113	0.605	2.210	0.554	2.310	0.504	2.410	0.455	2.512	0.409	2.614	0.364	2.717	0.322	2.818	0.282	2.919	0.244	3.019
37	0.680	2.092	0.628	2.186	0.578	2.282	0.528	2.379	0.480	2.477	0.434	2.576	0.389	2.675	0.347	2.774	0.306	2.872	0.268	2.969
38	0.702	2.073	0.651	2.164	0.601	2.256	0.552	2.350	0.504	2.445	0.458	2.540	0.414	2.637	0.371	2.733	0.330	2.828	0.291	2.923
39	0.723	2.055	0.673	2.143	0.623	2.232	0.575	2.323	0.528	2.414	0.482	2.507	0.438	2.600	0.395	2.694	0.354	2.787	0.315	2.879
40	0.744	2.039	0.694	2.123	0.645	2.210	0.597	2.297	0.551	2.386	0.505	2.476	0.461	2.566	0.418	2.657	0.377	2.748	0.338	2.838
45	0.835	1.972	0.790	2.044	0.744	2.118	0.700	2.193	0.655	2.269	0.612	2.346	0.570	2.424	0.528	2.503	0.488	2.582	0.448	2.661
50	0.913	1.925	0.871	1.987	0.829	2.051	0.787	2.116	0.746	2.182	0.705	2.250	0.665	2.318	0.625	2.387	0.586	2.456	0.548	2.526
55	0.979	1.891	0.940	1.945	0.902	2.002	0.863	2.059	0.825	2.117	0.786	2.176	0.748	2.237	0.711	2.298	0.674	2.359	0.637	2.421
60	1.037	1.865	1.001	1.914	0.965	1.964	0.929	2.015	0.893	2.067	0.857	2.120	0.822	2.173	0.786	2.227	0.751	2.283	0.716	2.338
65	1.087	1.845	1.053	1.889	1.020	1.934	0.986	1.980	0.953	2.027	0.919	2.075	0.886	1.123	0.852	2.172	0.819	2.221	0.786	2.272
70	1.131	1.831	1.099	1.870	1.068	1.911	1.037	1.953	1.005	1.995	0.974	2.038	0.943	2.082	0.911	2.127	0.880	2.172	0.849	2.217
75	1.170	1.819	1.141	1.856	1.111	1.893	1.082	1.931	1.052	1.970	1.023	2.009	0.993	2.049	0.964	2.090	0.934	2.131	0.905	2.172
80	1.205	1.810	1.177	1.844	1.150	1.878	1.122	1.913	1.094	1.949	1.066	1.984	1.039	2.022	1.011	2.057	0.983	2.097	0.955	2.135
85	1.236	1.803	1.210	1.834	1.184	1.866	1.158	1.898	1.132	1.931	1.106	1.965	1.080	1.999	1.053	2.033	1.027	2.068	1.000	2.104
90	1.264	1.798	1.240	1.827	1.215	1.856	1.191	1.886	1.166	1.917	1.141	1.948	1.116	1.979	1.091	2.012	1.066	2.044	1.041	2.077
95	1.290	1.793	1.267	1.821	1.244	1.848	1.221	1.876	1.197	1.905	1.174	1.934	1.150	1.963	1.126	1.993	1.102	2.023	1.079	2.054
100	1.314	1.790	1.292	1.816	1.270	1.841	1.248	1.868	1.225	1.895	1.203	1.922	1.181	1.949	1.158	1.977	1.136	2.006	1.113	2.034
150	1.473	1.783	1.458	1.799	1.444	1.814	1.429	1.830	1.414	1.847	1.400	1.863	1.385	1.880	1.370	1.897	1.355	1.913	1.340	1.931
200	1.561	1.791	1.550	1.801	1.539	1.813	1.528	1.824	1.518	1.836	1.507	1.847	1.495	1.860	1.484	1.871	1.474	1.883	1.462	1.896

## IX- a) Von - Neuman Tablosu (Hart)

Pozitif Otokorelasyon (v)			Negatif Otokorelasyon (v*)			Pozitif Otokorelasyon (v)			Negatif Otokorelasyon (v*)		
n	%1	%5	%1	%5	n	%1	%5	%1	%5	%1	%5
4	0.8341	1.0406	4.2927	4.4992	31	1.2469	1.4740	2.6587	2.8864		
5	0.6724	1.0255	3.9745	4.3276	32	1.2570	1.4817	2.6473	2.8720		
6	0.6738	1.0682	3.7318	4.1262	33	1.2667	1.4885	2.6365	2.8583		
7	0.7163	1.0919	3.5748	3.9504	34	1.2761	1.4951	2.6262	2.8451		
8	0.7575	1.1228	3.4486	3.8139	35	1.2852	1.5014	2.6163	2.8324		
9	0.7974	1.1524	3.3476	3.7025							
10	0.8353	1.1803	3.2642	3.6091	36	1.2940	1.5075	2.6068	2.8202		
					37	1.3025	1.5135	2.5977	2.8085		
11	0.8076	1.2062	3.1938	3.5294	38	1.3108	1.5193	2.5889	2.7973		
12	0.9033	1.2301	3.1335	3.4603	39	1.3188	1.5249	2.5804	2.7865		
13	0.9336	1.2521	3.0812	3.3996	40	1.3266	1.5304	2.5722	2.7760		
14	0.9618	1.2725	3.0352	3.3458							
15	0.9880	1.2914	2.9943	3.2977	41	1.3342	1.5357	2.5643	2.7658		
					42	1.3415	1.5408	2.5567	2.7560		
16	1.0124	1.3090	2.9577	3.2543	43	1.3486	1.5458	2.5494	2.7466		
17	1.0352	1.3253	2.9247	3.2148	44	1.3554	1.5506	2.5424	2.7376		
18	1.0566	1.3405	2.8948	3.1787	45	1.3620	1.5552	2.5357	2.7289		
19	1.0766	1.3547	2.8675	3.1456							
20	1.0954	1.3680	2.8425	3.1151	46	1.3684	1.5596	2.5293	2.7205		
					47	1.3745	1.5638	2.5232	2.7125		
21	1.1131	1.3805	2.8195	3.0869	48	1.3802	1.5678	2.5173	2.7049		
22	1.1298	1.3923	2.7982	3.0607	49	1.3856	1.5716	2.5117	2.6977		
23	1.1456	1.4035	2.7784	3.0362	50	1.3907	1.5752	2.5064	2.6908		
24	1.1606	1.4141	2.7599	3.0133							
25	1.1748	1.4241	2.7426	2.9919	51	1.3957	1.5787	2.5013	2.6842		
					52	1.4007	1.5822	2.4963	2.6777		
26	1.1883	1.4336	2.7264	2.9718	53	1.4057	1.5856	2.4914	2.6712		
27	1.2012	1.4426	2.7112	2.9528	54	1.4107	1.5890	2.4866	2.6648		
28	1.2135	1.4512	2.6969	2.9348	55	1.4156	1.5923	2.4819	2.6585		
29	1.2252	1.4594	2.6834	2.9177							
30	1.2363	1.4672	2.6707	2.9016	56	1.4203	1.5955	2.4773	2.6524		
					57	1.4249	1.5987	2.4728	2.6465		
					58	1.4294	1.6019	2.4684	2.6407		
					59	1.4339	1.6051	2.4640	2.6350		
					60	1.4384	1.6082	2.4596	2.6294		

## IX-b) Von - Neuman Tablosu (Press-Books)

SD	5%	1%	.1%	5%	1%	.1%	SD	5%	1%	.1%	5%	1%	.1%
Tek taraflı test pozitif otokorelasyon													
2	.025	.001	.000	3.975	3.999	4.000	31	1.410	1.186	.955	2.595	2.826	3.066
3	.252	.052	.005	4.142	4.427	4.493	32	1.419	1.198	.970	2.585	2.813	3.051
4	.474	.170	.037	3.827	4.295	4.496	33	1.428	1.209	.984	2.576	2.801	3.036
5	.598	.292	.095	3.571	4.076	4.378	34	1.437	1.221	.997	2.567	2.789	3.021
6	.701	.386	.163	3.413	3.881	4.233	35	1.445	1.231	1.010	2.559	2.778	3.007
7	.790	.464	.228	3.299	3.731	4.095	36	1.452	1.241	1.022	2.551	2.767	2.994
8	.861	.537	.285	3.206	3.618	3.973	37	1.460	1.251	1.034	2.544	2.757	2.982
9	.922	.601	.339	3.131	3.524	3.871	38	1.467	1.261	1.045	2.536	2.747	2.969
10	.975	.657	.390	3.069	3.445	3.784	39	1.474	1.270	1.057	2.529	2.738	2.957
11	1.020	.708	.438	3.016	3.378	3.710	40	1.480	1.279	1.067	2.522	2.729	2.946
12	1.060	.753	.482	2.970	3.319	3.645	41	1.487	1.287	1.078	2.516	2.720	2.935
13	1.096	.795	.523	2.930	3.268	3.587	42	1.493	1.295	1.088	2.510	2.711	2.925
14	1.128	.832	.561	2.895	3.222	3.535	43	1.499	1.303	1.097	2.504	2.703	2.914
15	1.157	.866	.597	2.863	3.181	3.488	44	1.504	1.311	1.107	2.498	2.695	2.904
16	1.183	.898	.630	2.835	3.144	3.445	45	1.510	1.318	1.116	2.492	2.687	2.895
17	1.207	.927	.661	2.809	3.110	3.406	46	1.515	1.325	1.125	2.487	2.680	2.885
18	1.228	.954	.691	2.785	3.079	3.370	47	1.520	1.332	1.133	2.482	2.673	2.876
19	1.249	.979	.718	2.764	3.051	3.337	48	1.525	1.339	1.142	2.477	2.666	2.868
20	1.267	1.003	.744	2.744	3.025	3.306	49	1.530	1.346	1.150	2.472	2.659	2.859
21	1.285	1.024	.769	2.725	3.000	3.277	50	1.535	1.352	1.158	2.467	2.653	2.851
22	1.301	1.045	.792	2.708	2.978	3.250	51	1.540	1.358	1.165	2.462	2.646	2.843
23	1.316	1.064	.814	2.692	2.957	3.225	52	1.544	1.364	1.173	2.458	2.640	2.835
24	1.330	1.082	.834	2.677	2.937	3.201	53	1.548	1.370	1.180	2.453	2.634	2.828
25	1.344	1.100	.854	2.663	2.918	3.179	54	1.552	1.376	1.187	2.449	2.628	2.820
26	1.356	1.116	.873	2.650	2.901	3.157	55	1.557	1.381	1.194	2.445	2.623	2.813
27	1.368	1.131	.891	2.638	2.884	3.137	56	1.561	1.387	1.201	2.441	2.617	2.806
28	1.380	1.146	.908	2.626	2.868	3.118	57	1.564	1.392	1.207	2.437	2.612	2.799
29	1.390	1.160	.925	2.615	2.854	3.100	58	1.568	1.397	1.214	2.433	2.606	2.793
30	1.400	1.173	.940	2.605	2.839	3.083	59	1.572	1.402	1.220	2.429	2.601	2.786
							60	1.575	1.407	1.226	2.426	2.596	2.780

X-a) Wallis Tablosu  $\alpha = 0.05$ 

n	k'=1		k'=2		k'=3		k'=4		k'=5	
	d <sub>4,L</sub>	d <sub>4,U</sub>								
16	0.774	0.982	0.662	1.109	0.549	1.275	0.435	1.381	0.350	1.532
20	0.924	1.102	0.827	1.203	0.728	1.327	0.626	1.428	0.544	1.556
24	1.036	1.189	0.953	1.273	0.867	1.371	0.779	1.459	0.702	1.565
28	1.123	1.257	1.050	1.328	0.975	1.410	0.898	1.487	0.828	1.576
32	1.192	1.311	1.127	1.373	1.061	1.443	0.993	1.511	0.929	1.587
36	1.248	1.355	1.191	1.410	1.131	1.471	1.070	1.532	1.013	1.598
40	1.295	1.392	1.243	1.442	1.190	1.496	1.135	1.550	1.082	1.609
44	1.335	1.423	1.288	1.469	1.239	1.518	1.189	1.567	1.141	1.620
48	1.369	1.451	1.326	1.493	1.281	1.537	1.236	1.582	1.191	1.630
52	1.399	1.475	1.359	1.513	1.318	1.554	1.276	1.595	1.235	1.639
56	1.426	1.496	1.389	1.532	1.351	1.569	1.312	1.608	1.273	1.648
60	1.449	1.515	1.415	1.548	1.379	1.583	1.343	1.619	1.307	1.656
64	1.470	1.532	1.438	1.563	1.405	1.596	1.371	1.629	1.337	1.664
68	1.489	1.548	1.459	1.577	1.427	1.608	1.396	1.639	1.364	1.671
72	1.507	1.562	1.478	1.589	1.448	1.618	1.418	1.648	1.388	1.678
76	1.522	1.574	1.495	1.601	1.467	1.628	1.439	1.656	1.411	1.685
80	1.537	1.586	1.511	1.611	1.484	1.637	1.457	1.663	1.431	1.691
84	1.550	1.597	1.525	1.621	1.500	1.646	1.475	1.671	1.449	1.696
88	1.562	1.607	1.539	1.630	1.515	1.654	1.490	1.677	1.466	1.702
92	1.574	1.617	1.551	1.639	1.528	1.661	1.505	1.684	1.482	1.707
96	1.584	1.626	1.563	1.647	1.541	1.668	1.519	1.690	1.496	1.712
100	1.594	1.634	1.573	1.654	1.552	1.674	1.531	1.695	1.510	1.717

X-b) Wallis Tablosu (Kukla Değişkenli Modeller için)

 $\alpha = 0.05$ 

n	k''=1		k''=2		k''=3		k''=4		k''=5	
	d <sub>4,L</sub>	d <sub>4,U</sub>								
16	1.156	1.381	1.031	1.532	0.902	1.776	0.777	2.191	0.693	2.238
20	1.228	1.428	1.123	1.556	1.013	1.726	0.899	1.954	0.806	2.042
24	1.287	1.459	1.199	1.565	1.107	1.694	1.011	1.856	0.928	1.949
28	1.337	1.487	1.261	1.576	1.181	1.679	1.099	1.803	1.025	1.889
32	1.379	1.511	1.312	1.587	1.243	1.673	1.171	1.773	1.104	1.850
36	1.414	1.532	1.355	1.598	1.293	1.672	1.230	1.755	1.170	1.824
40	1.445	1.550	1.391	1.609	1.336	1.674	1.279	1.745	1.225	1.807
44	1.471	1.567	1.422	1.620	1.373	1.677	1.321	1.739	1.272	1.795
48	1.494	1.582	1.450	1.630	1.404	1.681	1.357	1.737	1.312	1.788
52	1.514	1.595	1.474	1.639	1.432	1.686	1.389	1.736	1.347	1.782
56	1.533	1.608	1.495	1.648	1.456	1.691	1.416	1.736	1.337	1.779
60	1.549	1.619	1.514	1.656	1.478	1.696	1.441	1.737	1.404	1.777
64	1.564	1.629	1.531	1.664	1.497	1.700	1.463	1.739	1.429	1.776
68	1.577	1.639	1.546	1.671	1.515	1.705	1.482	1.741	1.450	1.775
72	1.590	1.648	1.560	1.678	1.531	1.710	1.500	1.743	1.470	1.776
76	1.601	1.656	1.573	1.685	1.545	1.714	1.517	1.746	1.488	1.776
80	1.611	1.663	1.585	1.691	1.559	1.719	1.531	1.748	1.504	1.777
84	1.621	1.671	1.596	1.696	1.571	1.723	1.545	1.751	1.519	1.778
88	1.630	1.677	1.607	1.702	1.582	1.727	1.558	1.753	1.533	1.779
92	1.639	1.684	1.616	1.707	1.593	1.731	1.570	1.756	1.546	1.781
96	1.647	1.690	1.625	1.712	1.603	1.735	1.580	1.759	1.558	1.782
100	1.654	1.695	1.633	1.717	1.612	1.739	1.591	1.761	1.569	1.784

XI-a) Farebrother Tablosu       $\alpha = 0.05$ 

N	K=0	K=1	K=2	K=3	K=4	K=5	K=6	K=7	K=8	K=9	K=10	K=11	K=12	K=13	K=14	K=15	K=16	K=17	K=18	K=19	K=20	K=21
2	0.012																					
3	0.168	0.006																				
4	0.355	0.105	0.004																			
5	0.478	0.248	0.070	0.002																		
6	0.584	0.358	0.180	0.050	0.002																	
7	0.677	0.462	0.275	0.136	0.037	0.001																
8	0.754	0.556	0.371	0.217	0.106	0.029	0.001															
9	0.820	0.635	0.460	0.303	0.175	0.085	0.023	0.001														
10	0.877	0.706	0.539	0.385	0.251	0.143	0.069	0.019	0.001													
11	0.927	0.768	0.610	0.460	0.326	0.211	0.120	0.058	0.016	0.001												
12	0.972	0.823	0.674	0.530	0.397	0.279	0.180	0.101	0.049	0.013	0.001											
13	1.012	0.872	0.731	0.593	0.464	0.345	0.241	0.154	0.087	0.042	0.011	0.001										
14	1.047	0.916	0.783	0.651	0.525	0.408	0.302	0.210	0.134	0.075	0.036	0.010	0.001									
15	1.079	0.955	0.829	0.704	0.583	0.467	0.361	0.266	0.185	0.118	0.066	0.031	0.008	0.001								
16	1.109	0.992	0.872	0.752	0.635	0.523	0.418	0.322	0.237	0.164	0.104	0.058	0.028	0.007	0.000							
17	1.136	1.024	0.911	0.797	0.684	0.575	0.472	0.376	0.288	0.211	0.146	0.093	0.052	0.025	0.007	0.000						
18	1.160	1.055	0.946	0.837	0.729	0.624	0.523	0.427	0.339	0.260	0.190	0.131	0.083	0.046	0.022	0.006	0.000					
19	1.183	1.082	0.979	0.875	0.771	0.669	0.570	0.476	0.388	0.307	0.235	0.171	0.118	0.075	0.041	0.020	0.005	0.000				
20	1.204	1.108	1.010	0.910	0.810	0.711	0.615	0.523	0.436	0.354	0.280	0.213	0.156	0.107	0.067	0.037	0.018	0.005	0.000			
21	1.224	1.132	1.038	0.942	0.846	0.751	0.657	0.567	0.481	0.400	0.324	0.256	0.195	0.142	0.097	0.061	0.034	0.016	0.004	0.000		
22	1.242	1.154	1.064	0.972	0.879	0.787	0.697	0.609	0.524	0.443	0.368	0.298	0.235	0.178	0.130	0.089	0.056	0.031	0.015	0.004	0.000	
23	1.259	1.175	1.088	1.000	0.911	0.822	0.734	0.648	0.565	0.485	0.410	0.339	0.274	0.216	0.164	0.119	0.081	0.051	0.028	0.014	0.004	
24	1.275	1.194	1.111	1.026	0.940	0.854	0.769	0.685	0.604	0.525	0.450	0.380	0.314	0.254	0.199	0.151	0.110	0.075	0.047	0.026	0.012	
25	1.290	1.212	1.132	1.050	0.967	0.884	0.802	0.720	0.641	0.563	0.489	0.419	0.353	0.291	0.235	0.184	0.140	0.101	0.069	0.044	0.024	

Farebrother Tablosu       $\alpha = 0.05$ 

26	1.304	1.229	1.152	1.073	0.993	0.913	0.833	0.753	0.676	0.600	0.527	0.457	0.390	0.328	0.271	0.218	0.171	0.130	0.094	0.064	0.040	0.022
27	1.318	1.245	1.171	1.094	1.017	0.940	0.862	0.785	0.709	0.635	0.563	0.493	0.427	0.356	0.306	0.252	0.203	0.159	0.120	0.087	0.060	0.037
28	1.330	1.260	1.188	1.115	1.040	0.965	0.889	0.815	0.741	0.668	0.597	0.529	0.436	0.400	0.341	0.286	0.236	0.190	0.148	0.112	0.081	0.055
29	1.342	1.275	1.205	1.134	1.062	0.989	0.916	0.843	0.770	0.699	0.630	0.562	0.497	0.435	0.376	0.320	0.268	0.221	0.177	0.139	0.105	0.076
30	1.354	1.288	1.221	1.152	1.082	1.011	0.940	0.869	0.799	0.729	0.661	0.595	0.530	0.468	0.409	0.353	0.301	0.252	0.207	0.166	0.130	0.098
31	1.365	1.301	1.236	1.169	1.101	1.033	0.964	0.895	0.826	0.758	0.691	0.626	0.562	0.501	0.442	0.368	0.333	0.283	0.237	0.195	0.156	0.122
32	1.375	1.313	1.250	1.185	1.120	1.053	0.986	0.919	0.852	0.785	0.720	0.656	0.593	0.532	0.474	0.418	0.364	0.314	0.267	0.223	0.183	0.147
33	1.385	1.325	1.264	1.201	1.137	1.072	1.007	0.942	0.876	0.811	0.747	0.684	0.623	0.563	0.504	0.449	0.395	0.344	0.297	0.252	0.211	0.173
34	1.394	1.336	1.277	1.216	1.153	1.091	1.027	0.963	0.900	0.836	0.774	0.712	0.651	0.592	0.534	0.497	0.425	0.374	0.326	0.280	0.238	0.199
35	1.403	1.347	1.289	1.230	1.169	1.108	1.046	0.984	0.922	0.860	0.799	0.738	0.678	0.620	0.563	0.508	0.455	0.404	0.355	0.309	0.266	0.225
36	1.412	1.357	1.301	1.243	1.184	1.125	1.064	1.004	0.943	0.883	0.823	0.763	0.705	0.647	0.591	0.536	0.483	0.432	0.384	0.337	0.293	0.252
37	1.420	1.367	1.312	1.256	1.199	1.141	1.082	1.023	0.964	0.905	0.846	0.787	0.730	0.673	0.618	0.564	0.511	0.460	0.412	0.365	0.321	0.279
38	1.428	1.376	1.323	1.268	1.212	1.156	1.099	1.041	0.983	0.925	0.868	0.811	0.754	0.698	0.644	0.590	0.538	0.488	0.439	0.392	0.347	0.305
39	1.436	1.385	1.333	1.280	1.225	1.170	1.114	1.058	1.002	0.945	0.889	0.833	0.778	0.723	0.669	0.616	0.564	0.514	0.466	0.419	0.374	0.331
40	1.443	1.394	1.343	1.291	1.238	1.184	1.130	1.075	1.020	0.965	0.909	0.854	0.800	0.746	0.693	0.641	0.590	0.540	0.492	0.445	0.400	0.357
45	1.476	1.432	1.387	1.341	1.294	1.246	1.197	1.148	1.099	1.049	1.000	0.950	0.900	0.851	0.802	0.753	0.706	0.658	0.612	0.567	0.523	0.480
50	1.504	1.464	1.424	1.382	1.340	1.297	1.253	1.209	1.164	1.120	1.075	1.029	0.984	0.939	0.894	0.849	0.804	0.760	0.717	0.674	0.631	0.590
55	1.528	1.492	1.455	1.417	1.379	1.340	1.300	1.260	1.219	1.179	1.138	1.096	1.055	1.013	0.972	0.930	0.889	0.848	0.807	0.766	0.726	0.687
60	1.549	1.516	1.482	1.447	1.412	1.376	1.340	1.303	1.266	1.229	1.191	1.153	1.115	1.077	1.038	1.000	0.962	0.923	0.885	0.847	0.810	0.772
65	1.568	1.537	1.505	1.474	1.441	1.408	1.375	1.341	1.307	1.272	1.238	1.202	1.167	1.132	1.096	1.061	1.025	0.989	0.953	0.918	0.882	0.847
70	1.584	1.555	1.526	1.497	1.467	1.436	1.405	1.374	1.342	1.310	1.278	1.245	1.213	1.180	1.147	1.113	1.080	1.047	1.013	0.980	0.947	0.914
75	1.599	1.572	1.545	1.517	1.489	1.461	1.432	1.403	1.373	1.344	1.313	1.283	1.253	1.222	1.191	1.160	1.129	1.098	1.066	1.035	1.004	0.972
80	1.612	1.587	1.561	1.536	1.509	1.483	1.456	1.429	1.401	1.373	1.345	1.317	1.288	1.259	1.230	1.201	1.172	1.143	1.113	1.084	1.054	1.025
85	1.624	1.600	1.576	1.552	1.527	1.502	1.477	1.452	1.426	1.400	1.373	1.347	1.320	1.293	1.266	1.238	1.211	1.183	1.155	1.128	1.100	1.072
90	1.635	1.613	1.590	1.567	1.544	1.520	1.497	1.472	1.448	1.423	1.399	1.373	1.348	1.323	1.297	1.271	1.245	1.219	1.193	1.167	1.141	1.114
95	1.645	1.624	1.603	1.581	1.559	1.537	1.514	1.491	1.468	1.445	1.422	1.398	1.374	1.350	1.326	1.301	1.277	1.252	1.227	1.202	1.177	1.152
100	1.654	1.634	1.614	1.593	1.573	1.551	1.530	1.508	1.487	1.465	1.442	1.420	1.397	1.374	1.352	1.328	1.305	1.282	1.258	1.235	1.211	1.187
150	1.720	1.706	1.693	1.679	1.666	1.652	1.638	1.624	1.609	1.595	1.580	1.566	1.551	1.536	1.521	1.506	1.491	1.476	1.461	1.445	1.430	1.414
200	1.759	1.748	1.738	1.728	1.718	1.708	1.697	1.687	1.676	1.666	1.655	1.644	1.633	1.622	1.611	1.600	1.589	1.578	1.567	1.556	1.544	1.533

k : bağımsız değişken sayısı

XI-b) Farebrother Tablosu       $\alpha = 0.01$ 

N	K=0	K=1	K=2	K=3	K=4	K=5	K=6	K=7	K=8	K=9	K=10	K=11	K=12	K=13	K=14	K=15	K=16	K=17	K=18	K=19	K=20	K=21
2	0.001																					
3	0.034	0.000																				
4	0.127	0.022	0.000																			
5	0.233	0.089	0.014	0.000																		
6	0.322	0.175	0.065	0.010	0.000																	
7	0.389	0.253	0.135	0.049	0.008	0.000																
8	0.469	0.324	0.202	0.106	0.038	0.006	0.000															
9	0.534	0.394	0.268	0.164	0.086	0.031	0.005	0.000														
10	0.591	0.457	0.333	0.223	0.136	0.070	0.025	0.004	0.000													
11	0.643	0.515	0.394	0.284	0.189	0.114	0.059	0.021	0.003	0.000												
12	0.691	0.568	0.451	0.341	0.244	0.161	0.097	0.050	0.018	0.003	0.000											
13	0.733	0.617	0.503	0.396	0.298	0.212	0.139	0.083	0.043	0.015	0.002	0.000										
14	0.773	0.662	0.552	0.448	0.350	0.262	0.185	0.121	0.072	0.037	0.013	0.002	0.000									
15	0.809	0.703	0.598	0.496	0.400	0.311	0.232	0.163	0.107	0.063	0.032	0.011	0.002	0.000								
16	0.842	0.741	0.640	0.541	0.447	0.358	0.278	0.206	0.145	0.094	0.056	0.028	0.010	0.002	0.000							
17	0.873	0.776	0.679	0.583	0.491	0.404	0.323	0.249	0.184	0.129	0.084	0.050	0.025	0.009	0.001	0.000						
18	0.901	0.808	0.715	0.623	0.533	0.447	0.366	0.292	0.225	0.166	0.116	0.075	0.044	0.023	0.008	0.001	0.000					
19	0.928	0.839	0.749	0.660	0.572	0.488	0.408	0.333	0.265	0.204	0.150	0.105	0.068	0.040	0.020	0.007	0.001	0.000				
20	0.952	0.867	0.780	0.694	0.609	0.527	0.448	0.374	0.304	0.241	0.185	0.136	0.095	0.062	0.036	0.018	0.006	0.001	0.000			
21	0.976	0.893	0.810	0.727	0.644	0.564	0.486	0.413	0.343	0.279	0.221	0.169	0.124	0.087	0.056	0.033	0.017	0.006	0.001	0.000		
22	0.997	0.918	0.838	0.757	0.677	0.599	0.523	0.450	0.381	0.316	0.257	0.203	0.155	0.114	0.079	0.051	0.030	0.015	0.005	0.001	0.000	
23	1.018	0.942	0.864	0.786	0.709	0.632	0.558	0.486	0.417	0.352	0.292	0.237	0.187	0.143	0.104	0.073	0.047	0.027	0.014	0.005	0.001	
24	1.037	0.964	0.889	0.813	0.738	0.664	0.591	0.520	0.452	0.387	0.327	0.270	0.219	0.172	0.131	0.096	0.067	0.043	0.025	0.013	0.004	
25	1.056	0.984	0.912	0.839	0.766	0.693	0.622	0.553	0.486	0.421	0.361	0.304	0.251	0.203	0.160	0.122	0.089	0.062	0.040	0.023	0.012	

Farebrother Tablosu       $\alpha = 0.01$ 

26	1.073	1.004	0.934	0.863	0.792	0.722	0.652	0.584	0.518	0.454	0.394	0.336	0.283	0.233	0.189	0.148	0.113	0.083	0.057	0.037	0.022	0.011
27	1.089	1.023	0.955	0.886	0.817	0.749	0.681	0.614	0.549	0.486	0.426	0.368	0.314	0.264	0.218	0.176	0.138	0.150	0.077	0.053	0.034	0.020
28	1.105	1.040	0.974	0.908	0.841	0.774	0.708	0.643	0.579	0.517	0.457	0.400	0.345	0.294	0.247	0.204	0.164	0.129	0.098	0.071	0.050	0.032
29	1.120	1.057	0.993	0.929	0.864	0.798	0.734	0.670	0.607	0.546	0.487	0.430	0.376	0.324	0.276	0.232	0.191	0.154	0.120	0.091	0.067	0.046
30	1.134	1.073	1.011	0.948	0.885	0.822	0.759	0.696	0.635	0.574	0.516	0.460	0.405	0.354	0.305	0.260	0.217	0.179	0.144	0.113	0.086	0.062
31	1.147	1.088	1.028	0.967	0.905	0.844	0.782	0.721	0.661	0.602	0.544	0.488	0.434	0.383	0.334	0.288	0.244	0.205	0.168	0.135	0.106	0.080
32	1.160	1.103	1.044	0.985	0.925	0.865	0.805	0.745	0.686	0.628	0.571	0.516	0.462	0.411	0.362	0.315	0.271	0.230	0.193	0.158	0.127	0.100
33	1.173	1.117	1.060	1.002	0.944	0.885	0.826	0.768	0.710	0.653	0.597	0.542	0.498	0.438	0.389	0.342	0.298	0.256	0.218	0.182	0.149	0.120
34	1.185	1.130	1.075	1.018	0.961	0.904	0.847	0.790	0.733	0.677	0.622	0.568	0.516	0.465	0.416	0.369	0.324	0.282	0.243	0.206	0.172	0.141
35	1.196	1.143	1.089	1.034	0.978	0.923	0.867	0.811	0.755	0.700	0.646	0.593	0.541	0.491	0.442	0.395	0.350	0.308	0.268	0.230	0.195	0.163
36	1.207	1.155	1.102	1.049	0.995	0.940	0.886	0.831	0.777	0.723	0.669	0.617	0.566	0.516	0.467	0.421	0.376	0.333	0.292	0.254	0.218	0.185
37	1.217	1.167	1.116	1.063	1.010	0.957	0.904	0.850	0.797	0.744	0.692	0.640	0.590	0.540	0.492	0.446	0.401	0.358	0.317	0.278	0.241	0.207
38	1.228	1.178	1.128	1.077	1.026	0.974	0.921	0.869	0.817	0.765	0.713	0.663	0.613	0.564	0.516	0.470	0.425	0.382	0.341	0.302	0.265	0.230
39	1.237	1.189	1.140	1.090	1.040	0.989	0.938	0.887	0.836	0.785	0.734	0.684	0.635	0.587	0.540	0.494	0.449	0.406	0.365	0.325	0.288	0.252
40	1.247	1.200	1.152	1.103	1.054	1.004	0.954	0.904	0.854	0.804	0.754	0.705	0.657	0.609	0.562	0.517	0.473	0.430	0.388	0.349	0.311	0.275
45	1.289	1.247	1.204	1.160	1.116	1.071	1.026	0.981	0.936	0.890	0.845	0.800	0.755	0.710	0.666	0.623	0.581	0.539	0.499	0.459	0.421	0.384
50	1.325	1.287	1.248	1.208	1.168	1.128	1.087	1.046	1.004	0.963	0.921	0.880	0.838	0.797	0.756	0.715	0.675	0.636	0.597	0.559	0.521	0.485
55	1.356	1.321	1.286	1.250	1.213	1.176	1.139	1.101	1.063	1.025	0.987	0.948	0.910	0.872	0.833	0.796	0.758	0.721	0.684	0.647	0.611	0.576
60	1.383	1.351	1.319	1.285	1.252	1.218	1.183	1.149	1.114	1.078	1.043	1.008	0.972	0.936	0.901	0.865	0.830	0.795	0.760	0.725	0.691	0.657
65	1.408	1.378	1.348	1.317	1.286	1.254	1.222	1.190	1.158	1.125	1.092	1.059	1.026	0.993	0.960	0.927	0.894	0.861	0.828	0.795	0.762	0.730
70	1.429	1.401	1.373	1.345	1.316	1.286	1.257	1.227	1.197	1.166	1.136	1.105	1.074	1.043	1.012	0.981	0.950	0.919	0.888	0.857	0.826	0.795
75	1.448	1.423	1.396	1.369	1.342	1.315	1.287	1.260	1.231	1.203	1.174	1.146	1.117	1.088	1.058	1.029	1.000	0.971	0.941	0.912	0.883	0.854
80	1.446	1.442	1.417	1.392	1.367	1.341	1.315	1.289	1.262	1.236	1.209	1.182	1.155	1.127	1.100	1.072	1.045	1.017	0.989	0.962	0.934	0.907
85	1.482	1.459	1.436	1.412	1.388	1.364	1.340	1.315	1.290	1.265	1.240	1.214	1.189	1.163	1.137	1.111	1.085	1.059	1.033	1.006	0.980	0.954
90	1.497	1.475	1.453	1.431	1.408	1.385	1.362	1.339	1.315	1.292	1.268	1.244	1.220	1.195	1.171	1.146	1.121	1.097	1.072	1.047	1.022	0.997
95	1.510	1.490	1.469	1.448	1.426	1.405	1.383	1.361	1.338	1.316	1.293	1.271	1.248	1.225	1.201	1.178	1.155	1.131	1.108	1.084	1.060	1.037
100	1.523	1.503	1.483	1.463	1.443	1.422	1.402	1.381	1.359	1.338	1.317	1.295	1.273	1.251	1.229	1.207	1.185	1.162	1.140	1.118	1.095	1.072
150	1.611	1.589	1.585	1.571	1.558	1.544	1.530	1.516	1.502	1.488	1.474	1.460	1.445	1.431	1.416	1.402	1.387	1.372	1.357	1.342	1.327	1.312
200	1.664	1.654	1.644	1.634	1.624	1.613	1.603	1.593	1.582	1.572	1.516	1.551	1.540	1.529	1.519	1.508	1.497	1.486	1.475	1.464	1.453	1.442

k : bağımsız değişken sayısı

XII-a) King Tablosu  $\alpha = 0.05$ 

n	k = 2		k = 3		k = 4		k = 5		k = 6		k = 7		k = 8		k = 9	
	$d_L$	$d_U$														
108	1.668	1.705	1.649	1.724	1.630	1.744	1.610	1.764	1.591	1.784	1.571	1.805	1.551	1.826	1.531	1.848
120	1.685	1.719	1.668	1.736	1.651	1.754	1.634	1.771	1.616	1.790	1.599	1.808	1.581	1.827	1.563	1.846
132	1.700	1.731	1.685	1.747	1.670	1.762	1.654	1.779	1.638	1.795	1.622	1.812	1.606	1.829	1.589	1.846
144	1.714	1.742	1.700	1.756	1.685	1.770	1.671	1.785	1.657	1.800	1.642	1.815	1.627	1.831	1.612	1.846
156	1.725	1.751	1.712	1.764	1.699	1.778	1.686	1.791	1.673	1.805	1.659	1.819	1.646	1.833	1.632	1.847
168	1.736	1.760	1.724	1.772	1.711	1.784	1.699	1.797	1.687	1.809	1.674	1.822	1.662	1.835	1.649	1.848
180	1.745	1.767	1.734	1.779	1.722	1.790	1.711	1.802	1.699	1.813	1.688	1.825	1.676	1.837	1.664	1.850
192	1.753	1.774	1.743	1.785	1.732	1.796	1.721	1.806	1.711	1.817	1.700	1.829	1.689	1.840	1.678	1.851
204	1.761	1.781	1.751	1.791	1.741	1.801	1.731	1.811	1.721	1.821	1.711	1.832	1.700	1.842	1.690	1.853
220	1.770	1.788	1.761	1.798	1.752	1.807	1.742	1.816	1.733	1.826	1.723	1.835	1.714	1.845	1.704	1.855
240	1.780	1.797	1.772	1.805	1.763	1.814	1.755	1.822	1.746	1.831	1.738	1.840	1.729	1.849	1.720	1.858
260	1.789	1.804	1.781	1.812	1.773	1.820	1.766	1.828	1.758	1.836	1.750	1.844	1.742	1.852	1.734	1.860
280	1.797	1.811	1.790	1.818	1.782	1.826	1.775	1.833	1.768	1.840	1.760	1.848	1.753	1.855	1.746	1.863
300	1.804	1.817	1.797	1.824	1.791	1.831	1.784	1.838	1.777	1.845	1.770	1.852	1.763	1.859	1.756	1.866

k : bağımsız değişken sayısı

XII-b) King Tablosu  $\alpha = 0.01$ 

n	$k = 2$		$k = 3$		$k = 4$		$k = 5$		$k = 6$		$k = 7$		$k = 8$		$k = 9$	
	$d_L$	$d_U$														
108	1.541	1.577	1.522	1.596	1.504	1.616	1.485	1.636	1.466	1.656	1.466	1.677	1.427	1.698	1.407	1.719
120	1.564	1.598	1.548	1.615	1.531	1.632	1.514	1.650	1.497	1.668	1.480	1.686	1.462	1.705	1.445	1.724
132	1.585	1.615	1.570	1.630	1.555	1.646	1.539	1.662	1.524	1.679	1.508	1.695	1.492	1.712	1.476	1.729
144	1.603	1.630	1.589	1.645	1.575	1.659	1.561	1.674	1.547	1.688	1.532	1.703	1.518	1.719	1.503	1.734
156	1.619	1.644	1.606	1.657	1.593	1.670	1.580	1.684	1.567	1.697	1.553	1.711	1.540	1.725	1.527	1.739
168	1.633	1.656	1.621	1.668	1.609	1.681	1.597	1.693	1.584	1.706	1.572	1.718	1.560	1.731	1.547	1.744
180	1.645	1.667	1.634	1.679	1.653	1.690	1.612	1.702	1.600	1.713	1.589	1.725	1.577	1.737	1.566	1.749
192	1.657	1.677	1.646	1.688	1.636	1.699	1.625	1.709	1.615	1.720	1.604	1.731	1.593	1.743	1.582	1.754
204	1.667	1.687	1.657	1.696	1.647	1.707	1.637	1.717	1.627	1.727	1.617	1.737	1.607	1.748	1.597	1.758
220	1.680	1.698	1.670	1.707	1.661	1.716	1.652	1.726	1.643	1.735	1.634	1.745	1.624	1.754	1.615	1.764
240	1.693	1.710	1.685	1.718	1.677	1.727	1.668	1.735	1.660	1.744	1.651	1.753	1.643	1.762	1.634	1.771
260	1.706	1.721	1.698	1.729	1.690	1.736	1.682	1.744	1.675	1.752	1.667	1.760	1.659	1.768	1.651	1.777
280	1.716	1.731	1.709	1.738	1.702	1.745	1.695	1.752	1.688	1.760	1.680	1.767	1.673	1.775	1.666	1.782
300	1.726	1.739	1.720	1.746	1.713	1.753	1.706	1.760	1.699	1.767	1.692	1.774	1.686	1.781	1.679	1.788

k : bağımsız değişken sayısı

XII-c) King Tablosu  $\alpha = 0.05$   
 (Aylık mevsimsel kukla değişken ve doğrusal trend varsa)

n	k=13		k=14		k=15		k=16		k=17		k=18		k=19		k=20		
	$d_l = d_u$	$d_l$	$d_u$														
24	1.212	1.057	1.440	0.897	1.666	0.743	1.983	0.595	2.243	0.462	2.619	0.326	2.854	0.210	3.246		
27	1.257	1.131	1.415	0.999	1.606	0.871	1.795	0.742	2.037	0.619	2.251	0.505	2.490	0.393	2.787		
30	1.311	1.204	1.437	1.094	1.588	0.982	1.739	0.872	1.907	0.761	2.107	0.654	2.293	0.556	2.477		
33	1.354	1.216	1.459	1.166	1.581	1.068	1.712	0.971	1.845	0.874	1.994	0.776	2.164	0.682	2.322		
36	1.384	1.303	1.477	1.219	1.578	1.132	1.695	1.044	1.806	0.958	1.930	0.870	2.062	0.783	2.215		
39	1.411	1.338	1.490	1.263	1.578	1.186	1.674	1.107	1.779	1.029	1.880	0.950	1.991	0.871	2.109		
42	1.438	1.372	1.509	1.305	1.586	1.235	1.670	1.164	1.762	1.092	1.853	1.021	1.947	0.949	2.048		
45	1.462	1.402	1.526	1.340	1.595	1.277	1.669	1.212	1.750	1.146	1.833	1.081	1.916	1.016	2.004		
48	1.481	1.426	1.540	1.369	1.602	1.311	1.670	1.252	1.741	1.191	1.819	1.130	1.893	1.070	1.972		
51	1.498	1.447	1.551	1.395	1.608	1.341	1.669	1.286	1.733	1.230	1.802	1.174	1.873	1.118	1.943		
54	1.515	1.468	1.564	1.419	1.617	1.369	1.672	1.319	1.731	1.267	1.793	1.214	1.858	1.161	1.923		
57	1.530	1.486	1.576	1.441	1.625	1.394	1.676	1.347	1.730	1.299	1.787	1.250	1.846	1.200	1.907		
60	1.544	1.502	1.587	1.460	1.632	1.416	1.680	1.372	1.730	1.327	1.782	1.281	1.837	1.234	1.894		
66	1.567	1.530	1.605	1.493	1.645	1.454	1.687	1.415	1.730	1.375	1.775	1.334	1.822	1.293	1.871		
72	1.588	1.555	1.622	1.521	1.658	1.486	1.695	1.451	1.733	1.415	1.773	1.379	1.814	1.342	1.857		
78	1.606	1.576	1.637	1.545	1.669	1.513	1.702	1.481	1.736	1.449	1.772	1.416	1.809	1.382	1.846		
84	1.622	1.594	1.650	1.566	1.679	1.537	1.710	1.508	1.741	1.478	1.773	1.448	1.806	1.417	1.840		
90	1.636	1.610	1.662	1.584	1.689	1.557	1.716	1.530	1.745	1.503	1.774	1.475	1.804	1.447	1.835		
96	1.648	1.624	1.673	1.600	1.697	1.576	1.723	1.551	1.749	1.525	1.776	1.500	1.804	1.474	1.832		
102	1.660	1.637	1.682	1.615	1.705	1.592	1.729	1.569	1.753	1.545	1.778	1.521	1.804	1.497	1.830		
108	1.670	1.649	1.691	1.628	1.713	1.607	1.735	1.585	1.758	1.563	1.781	1.540	1.805	1.518	1.829		
120	1.688	1.670	1.707	1.651	1.726	1.632	1.746	1.613	1.766	1.593	1.786	1.573	1.807	1.553	1.823		
132	1.704	1.687	1.721	1.670	1.738	1.653	1.755	1.636	1.773	1.618	1.791	1.601	1.810	1.583	1.828		
144	1.717	1.702	1.732	1.687	1.748	1.671	1.764	1.655	1.780	1.639	1.796	1.623	1.813	1.607	1.830		
156	1.729	1.715	1.743	1.701	1.757	1.687	1.772	1.672	1.786	1.658	1.801	1.643	1.816	1.628	1.832		
168	1.739	1.726	1.752	1.713	1.765	1.700	1.779	1.687	1.792	1.674	1.806	1.660	1.820	1.647	1.834		
180	1.748	1.737	1.760	1.724	1.773	1.712	1.785	1.700	1.797	1.688	1.810	1.675	1.823	1.663	1.836		
192	1.757	1.746	1.768	1.734	1.779	1.723	1.791	1.712	1.802	1.700	1.814	1.689	1.826	1.677	1.838		
204	1.764	1.754	1.775	1.743	1.785	1.733	1.796	1.722	1.807	1.711	1.818	1.701	1.829	1.690	1.840		
220	1.773	1.764	1.783	1.754	1.793	1.744	1.803	1.734	1.813	1.725	1.823	1.715	1.833	1.705	1.843		
240	1.783	1.775	1.792	1.766	1.801	1.757	1.810	1.748	1.819	1.739	1.828	1.730	1.838	1.721	1.847		
260	1.792	1.784	1.800	1.776	1.809	1.768	1.817	1.760	1.825	1.751	1.834	1.743	1.842	1.735	1.851		
280	1.800	1.793	1.808	1.785	1.815	1.778	1.823	1.770	1.830	1.762	1.838	1.755	1.846	1.747	1.854		
300	1.807	1.800	1.814	1.793	1.821	1.786	1.828	1.779	1.835	1.772	1.842	1.765	1.850	1.758	1.857		

k : bağımsız değişken sayısı

XIII- CUSUM-SQ Tablosu

m	□					m	□				
	0-10	0-05	0-025	0-01	0-005		0-10	0-05	0-025	0-01	0-005
1	0.40000	0.45000	0.47500	0.49000	0.49500	41	0.14916	0.17215	0.19254	0.21667	.233310
2	.35044	.44306	.50855	.56667	.59596	42	.14761	.17034	.19050	.24136	.23081
3	.35477	.41811	.46702	.53456	.57900	43	.14611	.16858	.18852	.21212	.22839
4	.33435	.39075	.44641	.50495	.54210	44	.14466	.16688	.18661	.20995	.22605
5	.31556	.37359	.42174	.47692	.51576	45	.14325	.16524	.18475	.20785	.22377
6	.30244	.35522	.40045	.45440	.48988	46	.14188	.16364	.18295	.20581	.22157
7	.28991	.33905	.38294	.43337	.46761	47	.14055	.16208	.18120	.20383	.21943
8	.27828	.32538	.36697	.41522	.44819	48	.13926	.16058	.17950	.20190	.21735
9	.26794	.31325	.35277	.39922	.43071	49	.13800	.15911	.17785	.20003	.21534
10	.25884	.30221	.34022	.38481	.41517	50	.13678	.15769	.17624	.19822	.21337
11	.25071	.29227	.32894	.37187	.40122	51	.13559	.15630	.17468	.19645	.21146
12	.24325	.28330	.31869	.36019	.38856	52	.13443	.15495	.17316	.19473	.20961
13	.23639	.27515	.30935	.34954	.37703	53	.13330	.15363	.17168	.19305	.20780
14	.23010	.26767	.30081	.33980	.36649	54	.13221	.15235	.17024	.19142	.20604
15	.22430	.26077	.29296	.33083	.35679	55	.13113	.15110	.16884	.18983	.20432
16	.21895	.25439	.28570	.32256	.34784	56	.13009	.14989	.16746	.18828	.20265
17	.21397	.24847	.27897	.31489	.33953	57	.12907	.14870	.16613	.18677	.20101
18	.20933	.24296	.27270	.30775	.33181	58	.12807	.14754	.16482	.18529	.19942
19	.20498	.23781	.26685	.30108	.32459	59	.12710	.14641	.16355	.18385	.19786
20	.20089	.23298	.26137	.29484	.31784	60	.12615	.14530	.16230	.18245	.19635
21	.19705	.22844	.25622	.28898	.31149	62	.12431	.14316	.15990	.17973	.19341
22	.19343	.22416	.25136	.28346	.30552	64	.12255	.14112	.15760	.17713	.19061
23	.19001	.22012	.24679	.27825	.29989	66	.12087	.13916	.15540	.17464	.18792
24	.18677	.21630	.24245	.27333	.29456	68	.11926	.13728	.15329	.17226	.18535
25	.18370	.21268	.23835	.26866	.28951	70	.11771	.13548	.15127	.16997	.18288
26	.18077	.20924	.23445	.26423	.28472	72	.11622	.13375	.14932	.16777	.18051
27	.17799	.20596	.23074	.26001	.28016	74	.11479	.13208	.14745	.16566	.17823
28	.17533	.20283	.22721	.25600	.27582	76	.11341	.13048	.14565	.16363	.17604
29	.17280	.19985	.22383	.25217	.27168	78	.11208	.12894	.14392	.16167	.17392
30	.17037	.19700	.22061	.24851	.26772	80	.11079	.12745	.14224	.15978	.17188
31	.16805	.19427	.21752	.24501	.26393	82	.10955	.12601	.14063	.15795	.16992
32	.16582	.19166	.21457	.24165	.26030	84	.10835	.12462	.13907	.15619	.16802
33	.16368	.18915	.21173	.23843	.25683	86	.10719	.12327	.13756	.15449	.16618
34	.16162	.18674	.20901	.23534	.25348	88	.10607	.12197	.13610	.15284	.16440
35	.15964	.18442	.20639	.23237	.25027	90	.10499	.12071	.13486	.15124	.16268
36	.15774	.18218	.20387	.22951	.24718	92	.10393	.11949	.13331	.14970	.16101
37	.15590	.18003	.20144	.22676	.24421	94	.10291	.11831	.13198	.14820	.15940
38	.15413	.17796	.19910	.22410	.24134	96	.10192	.11716	.13070	.14674	.15783
39	.15242	.17595	.19684	.22154	.23857	98	.10096	.11604	.12944	.14533	.15631
40	.15076	.17402	.19465	.21906	.23589	100	.10002	.11496	.12823	.14396	.15483

## XIV- Birikimli Ters Standart Normal Dağılım Tablosu

P≥0,5	0,000	0,001	0,002	0,003	0,004	0,005	0,006	0,007	0,008	0,009	0,010	
0,50	0,000000	0,002507	0,005014	0,007519	0,010027	0,012533	0,015041	0,017548	0,020054	0,022561	0,025069	0,49
0,51	0,025069	0,027576	0,030084	0,032592	0,035100	0,037608	0,040117	0,042626	0,045135	0,047644	0,050154	0,48
0,52	0,050154	0,052663	0,055173	0,057685	0,060195	0,062706	0,065219	0,067730	0,070243	0,072756	0,075270	0,47
0,53	0,075270	0,077783	0,080298	0,082813	0,085329	0,087845	0,090361	0,092879	0,095397	0,097914	0,100433	0,46
0,54	0,100433	0,102953	0,105474	0,107998	0,110516	0,113039	0,115562	0,118085	0,120610	0,123135	0,125661	0,45
0,55	0,125661	0,128189	0,130716	0,133244	0,135774	0,138305	0,140835	0,143367	0,145900	0,148434	0,150969	0,44
0,56	0,150969	0,153505	0,156042	0,158579	0,161119	0,163659	0,166199	0,168741	0,171285	0,173829	0,176374	0,43
0,57	0,176374	0,178920	0,181468	0,184017	0,186567	0,189118	0,191671	0,194225	0,196779	0,199334	0,201894	0,42
0,58	0,201894	0,204452	0,207012	0,209575	0,212137	0,214702	0,217267	0,219834	0,222403	0,224974	0,227545	0,41
0,59	0,227545	0,230118	0,232693	0,235269	0,237847	0,240426	0,243007	0,245590	0,248174	0,250759	0,253347	0,40
0,60	0,253347	0,255936	0,258527	0,261120	0,263715	0,266311	0,268908	0,271509	0,274110	0,276714	0,279319	0,39
0,61	0,279319	0,281926	0,284535	0,287147	0,289760	0,292375	0,294992	0,297612	0,300232	0,302855	0,305481	0,38
0,62	0,305481	0,308108	0,310738	0,313370	0,316004	0,318639	0,321278	0,323919	0,326561	0,329205	0,331854	0,37
0,63	0,331854	0,334503	0,337155	0,339810	0,342466	0,345126	0,347787	0,350451	0,353118	0,355788	0,358459	0,36
0,64	0,358459	0,361133	0,363809	0,366490	0,369171	0,371856	0,374544	0,377233	0,379927	0,385622	0,385321	0,35
0,65	0,385321	0,388022	0,390726	0,393433	0,396142	0,398855	0,401571	0,404290	0,407010	0,409735	0,412463	0,34
0,66	0,412463	0,415193	0,417928	0,420664	0,423405	0,426148	0,428895	0,431644	0,434397	0,437153	0,439913	0,33
0,67	0,439913	0,442676	0,445443	0,448213	0,450985	0,453763	0,456542	0,459327	0,462114	0,464904	0,467699	0,32
0,68	0,467699	0,470498	0,473299	0,476105	0,478914	0,481728	0,484544	0,487364	0,490189	0,493018	0,495850	0,31
0,69	0,495850	0,498687	0,501527	0,504372	0,507221	0,510074	0,512930	0,515791	0,518658	0,521527	0,524401	0,30
0,70	0,524401	0,527280	0,530162	0,533048	0,535940	0,538836	0,541736	0,544642	0,547551	0,550465	0,553384	0,29
0,71	0,553384	0,556308	0,559237	0,562170	0,565108	0,568052	0,570999	0,573953	0,576911	0,579873	0,582841	0,28
0,72	0,582841	0,585815	0,588793	0,591776	0,594766	0,597761	0,600760	0,603765	0,606775	0,609791	0,612813	0,27
0,73	0,612813	0,615839	0,618872	0,621911	0,624956	0,628006	0,631062	0,634124	0,637192	0,640266	0,643345	0,26
0,74	0,643345	0,646431	0,649522	0,652622	0,655726	0,658838	0,661955	0,665079	0,668209	0,671346	0,674490	0,25
0,75	0,674490	0,677639	0,680797	0,683690	0,687131	0,690309	0,693493	0,696684	0,699883	0,703089	0,706302	0,24
0,76	0,706302	0,709522	0,712751	0,715984	0,719228	0,722479	0,725736	0,729003	0,732275	0,735557	0,738846	0,23
0,77	0,738846	0,742143	0,745449	0,748762	0,752084	0,755415	0,758753	0,762100	0,765456	0,768821	0,772193	0,22
0,78	0,772193	0,775574	0,778966	0,782366	0,785774	0,789191	0,792618	0,796056	0,799500	0,802956	0,806422	0,21
0,79	0,806422	0,809896	0,813379	0,816874	0,820379	0,823893	0,827417	0,830953	0,834498	0,838054	0,841621	0,20
0,80	0,841621	0,845198	0,848786	0,852385	0,855996	0,859618	0,863249	0,866894	0,870550	0,874218	0,877897	0,19
0,81	0,877897	0,881587	0,885291	0,889006	0,892733	0,896473	0,900227	0,903992	0,907769	0,911562	0,915365	0,18
0,82	0,915365	0,919183	0,923014	0,926859	0,930718	0,934590	0,938476	0,942375	0,946291	0,950222	0,954165	0,17
0,83	0,954165	0,958125	0,962100	0,966088	0,970094	0,974114	0,978150	0,982202	0,986272	0,990356	0,994457	0,16
0,84	0,994457	0,998575	1,002711	1,006665	1,011035	1,015221	0,019428	1,023652	1,027893	1,032154	1,036433	0,15
0,85	1,036433	1,040733	1,045050	1,049386	1,053745	1,058122	1,062519	1,066937	1,071378	1,075837	1,080231	0,14
0,86	1,080321	1,084823	1,089350	1,093897	1,098470	1,103062	1,107680	1,112321	1,116987	1,121678	1,126391	0,13
0,87	1,126391	1,131132	1,135895	1,140688	1,145504	1,150349	1,155222	1,160120	1,165047	1,170001	1,174988	0,12
0,88	1,174988	1,180001	1,185044	1,190119	1,195222	1,200360	1,205526	1,210728	1,215960	1,221229	1,226529	0,11
0,89	1,226529	1,231865	1,237236	1,242643	1,248086	1,253566	1,259084	1,264641	1,270237	1,275876	1,281551	0,10
0,90	1,281551	1,287272	1,293033	1,298836	1,304686	1,310580	1,316521	1,322505	1,328540	1,334624	1,340754	0,09
0,91	1,340754	1,346939	1,353174	1,359463	1,365806	1,372205	1,378658	1,385172	1,391745	1,398375	1,405074	0,08
0,92	1,405074	1,411831	1,418553	1,425544	1,432504	1,439530	1,446633	1,453805	1,461058	1,468384	1,475792	0,07
0,93	1,475792	1,483281	1,490853	1,498515	1,506260	1,514104	1,522035	1,530068	1,538201	1,546432	1,554772	0,06
0,94	1,554772	1,563221	1,571789	1,580465	1,589269	1,598191	1,607250	1,616436	1,625763	1,635235	1,644853	0,05
0,95	1,644853	1,654626	1,664562	1,674662	1,684939	1,695398	1,706044	1,716885	1,727931	1,739199	1,750686	0,04
0,96	1,750686	1,762410	1,774379	1,786611	1,799117	1,811914	1,825006	1,838425	1,852177	1,866292	1,880790	0,03
0,97	1,880790	1,895696	1,911030	1,926837	1,943135	1,959961	1,977369	1,995395	2,014094	2,033521	2,053748	0,02
0,98	2,053748	2,074848	2,096931	2,120069	2,144047	2,170091	2,197285	2,226207	2,257129	2,290362	2,326342	0,01
0,99	2,326342	2,365614	2,408924	2,457273	2,512134	2,575835	2,652087	2,747765	2,878151	3,090245	0,000000	0,00
	0,010	0,009	0,008	0,007	0,006	0,005	0,004	0,003	0,002	0,001	0,000	q≤0,5

**XV- Kolmogorov – Smirnov Tablosu**

Örnek Birim Sayısı (N)	.20	.15	.10	.05	.01
1	.900	.925	.950	.975	.995
2	.684	.726	.776	.842	.929
3	.565	.597	.642	.708	.828
4	.494	.525	.564	.624	.733
5	.446	.474	.510	.565	.669
6	.410	.436	.470	.521	.618
7	.381	.405	.438	.486	.577
8	.358	.381	.411	.457	.543
9	.339	.360	.388	.432	.514
10	.322	.342	.368	.410	.490
11	.307	.326	.352	.391	.468
12	.295	.313	.338	.375	.450
13	.284	.302	.325	.361	.433
14	.274	.292	.314	.349	.418
15	.266	.283	.304	.338	.404
16	.258	.274	.295	.328	.392
17	.250	.266	.286	.318	.381
18	.244	.259	.278	.309	.371
19	.237	.252	.272	.301	.363
20	.231	.246	.264	.294	.356
25	.210	.220	.240	.270	.320
30	.190	.200	.220	.240	.290
35	.180	.190	.210	.230	.270
N>35 için	$\frac{1.07}{\sqrt{N}}$	$\frac{1.14}{\sqrt{N}}$	$\frac{1.22}{\sqrt{N}}$	$\frac{1.36}{\sqrt{N}}$	$\frac{1.63}{\sqrt{N}}$

## XVI- Shapiro – Wilk W Testi İçin a Katsayıları

i	n 2	3	4	5	6	7	8	9	10
1	0.7071	0.7071	0.6872	0.6431	0.6233	0.6233	0.6052	0.5888	0.5739
2		.0000	.1677	.2413	.2806	.3031	.3164	.3244	.3291
3				.0000	.0875	.1401	.1743	.1976	.2141
4					.0000	.0561	.0947	.1224	
5									

i	n 11	12	13	14	15	16	17	18	19	20
1	0.5601	0.5475	0.5359	0.5251	0.5150	0.5056	0.4968	0.4886	0.4808	0.4734
2	.3315	.3325	.3325	.3318	.3306	.3290	.3273	.3253	.3232	.3211
3	.2260	.2347	.2412	.2460	.2495	.2521	.2540	.2553	.2561	.2565
4.	.1429	.1586	.1707	.1802	.1878	.1939	.1988	.2027	.2059	.2085
5	.0695	.0922	.1099	.1240	.1353	.1447	.1524	.1587	.1641	.1686
6	0.0000	0.0303	0.0539	0.0727	0.0880	0.1005	0.1109	0.1197	0.1271	0.1334
7			.0000	0.0240	.0433	.0593	.0725	.0837	.0932	.1013
8					.0000	.0196	.0359	.0496	.0612	.0711
9						.0000	.0163	.0303	.0422	
10							.0000	.0140		

i	n 21	22	23	24	25	26	27	28	29	30
1	0.4643	0.4590	0.4542	0.4493	0.4450	0.4407	0.4366	0.4328	0.4291	0.4254
2	.3185	.3156	.3126	.3098	.3069	.3043	.3018	.2992	.2968	.2944
3	.2578	.2571	.2563	.2554	.2543	.2533	.2522	.2510	.2499	.2487
4	.2119	.2131	.2139	.2145	.2148	.2151	.2152	.2151	.2150	.2148
5	.1736	.1764	.1787	.1807	.1822	.1836	.1848	.1857	.1864	.1870
6	0.1399	0.1443	0.1480	0.1512	0.1539	0.1563	0.1584	0.1601	0.1616	0.1630
7	.1092	.1150	.1201	.1245	.1283	.1316	.1346	.1372	.1395	.1415
8	.0804	.0878	.0941	.0997	.1046	.1089	.1128	.1162	.1192	.1219
9	.0530	.0618	.0696	.0764	.0823	.0876	.0923	.0965	.1002	.1036
10	.0263	.0368	.0459	.0539	.0610	.0672	.0728	.0778	.0822	.0862
11	0.0000	0.0122	0.0228	0.0321	0.0403	0.0476	0.0540	0.0598	0.0650	0.0697
12			.0000	.0107	.0200	.0284	.0358	.0424	.0483	.0537
13					.0000	.0094	.0178	.0253	.0320	.0381
14						.0000	.0084	.0159	.0227	
15							.0000	.0076		

i	31	32	33	34	35	36	37	38	39	40
1	0.4220	0.4188	0.4156	0.4127	0.4096	0.4068	0.4040	0.4015	0.3989	0.3964
2	.2921	.2898	.2876	.2854	.2834	.2813	.2794	.2774	.2755	.2737
3	.2475	.2463	.2451	.2439	.2427	.2415	.2403	.2391	.2380	.2368
4	.2145	.2141	.2137	.2132	.2127	.2121	.2116	.2110	.2104	.2098
5	.1874	.1878	.1880	.1882	.1883	.1883	.1883	.1881	.1880	.1878
6	0.1641	0.1651	0.1660	0.1667	0.1673	0.1678	0.1683	0.1686	0.1689	0.1691
7	.1433	.1449	.1463	.1475	.1487	.1496	.1505	.1513	.1520	.1526
8	.1243	.1265	.1284	.1301	.1317	.1331	.1344	.1356	.1366	.1376
9	.1066	.1093	.1118	.1140	.1160	.1179	.1196	.1211	.1225	.1237
10	.0899	.0931	.0961	.0988	.1013	.1036	.1056	.1075	.1092	.1108
11	0.0739	0.0777	0.0812	0.0844	0.0873	0.0900	0.0924	0.0947	0.0967	0.0986
12	.0585	.0629	.0669	.0706	.0739	.0770	.0798	.0824	.0848	.0870
13	.0435	.0485	.0530	.0572	.0610	.0645	.0677	.0706	.0733	.0759
14	.0289	.0344	.0395	.0441	.0484	.0523	.0559	.0592	.0622	.0651
15	.0144	.0206	.0262	.0314	.0361	.0404	.0444	.0481	.0515	.0546
16	0.0000	0.0068	0.0131	0.0187	0.0239	0.0287	0.0331	0.0372	0.0409	0.0444
17			.0000	.0062	.0119	.0172	.0220	.0264	.0305	.0343
18					.0000	.0057	.0110	.0158	.0203	.0244
19							.0000	.0053	.0101	.0146
20								.0000	.0049	

i	41	42	43	44	45	46	47	48	49	50
1	0.3940	0.3917	0.3894	0.3872	0.3850	0.3830	0.3808	0.3789	0.3770	0.3751
2	.2719	.2701	.2684	.2667	.2651	.2635	.2620	.2604	.2589	.2574
3	.2357	.2345	.2334	.2323	.2313	.2302	.2291	.2281	.2271	.2260
4	.2091	.2085	.2078	.2072	.2065	.2058	.2052	.2045	.2038	.2032
5	.1876	.1874	.1871	.1868	.1865	.1862	.1859	.1855	.1851	.1847
6	0.1693	0.1694	0.1695	0.1695	0.1695	0.1695	0.1695	0.1693	0.1692	0.1691
7	.1531	.1535	.1539	.1542	.1545	.1548	.1550	.1551	.1553	.1554
8	.1384	.1392	.1398	.1405	.1410	.1415	.1420	.1423	.1427	.1430
9	.1249	.1259	.1269	.1278	.1286	.1293	.1300	.1306	.1312	.1317
10	.1123	.1136	.1149	.1160	.1170	.1180	.1189	.1197	.1205	.1212
11	0.1004	0.1020	0.1035	0.1049	0.1062	0.1073	0.1085	0.1095	0.1105	0.1113
12	.0891	.0909	.0927	.0943	.0959	.0972	.0986	.0998	.1010	.1020
13	.0782	.0804	.0824	.0842	.0860	.0876	.0892	.0906	.0919	.0932
14	.0677	.0701	.0724	.0745	.0765	.0783	.0801	.0817	.0832	.0846
15	.0575	.0602	.0628	.0651	.0673	.0694	.0713	.0731	.0748	.0764
16	0.0476	0.0506	0.0534	0.0560	0.0584	0.0607	0.0628	0.0648	0.0667	0.0685
17	.0379	.0411	.0442	.0471	.0497	.0522	.0546	.0568	.0588	.0608
18	.0283	.0318	.0352	.0383	.0412	.0439	.0465	.0489	.0511	.0532
19	.0188	.0227	.0263	.0296	.0328	.0357	.0385	.0411	.0436	.0459
20	.0094	.0136	.0175	.0211	.0245	.0277	.0307	.0335	.0361	.0386
21	0.0000	0.0045	0.0087	0.0126	0.0163	0.0197	0.0229	0.0259	0.0288	0.0314
22			.0000	.0042	.0081	.0118	.0153	.0185	.0215	.0244
23					.0000	.0039	.0076	.0111	.0143	.0174
24							.0000	.0037	.0071	.0104
25								.0000	.0035	

## XVII- Shapiro - Wilk W Değerleri Tablosu

n	0.01	0.02	0.05	0.10	0.50	0.90	0.95	0.98	0.99
3	0.753	0.756	0.767	0.789	0.959	0.998	0.999	1.000	1.000
4	.687	.707	.748	.792	.935	.987	.992	.996	.997
5	.686	.715	.762	.806	.927	.979	.986	.991	.993
6	0.713	0.743	0.788	0.826	0.927	0.974	0.981	0.986	0.989
7	.730	.760	.803	.838	.928	.972	.979	.985	.988
8	.749	.778	.818	.851	.932	.972	.978	.984	.987
9	.764	.791	.829	.859	.935	.972	.978	.984	.986
10	.781	.806	.842	.869	.938	.972	.978	.983	.986
11	0.792	0.817	0.850	0.876	0.940	0.973	0.979	0.984	0.986
12	.805	.828	.859	.883	.943	.973	.979	.984	.986
13	.814	.837	.866	.889	.945	.974	.979	.984	.986
14	.825	.846	.874	.895	.947	.975	.980	.984	.986
15	.835	.855	.881	.901	.950	.975	.980	.984	.987
16	0.844	0.863	0.887	0.906	0.952	0.976	0.981	0.985	0.987
17	.851	.869	.892	.910	.954	.977	.981	.985	.987
18	.858	.874	.897	.914	.956	.978	.982	.986	.988
19	.863	.879	.901	.917	.957	.978	.982	.986	.988
20	.868	.884	.905	.920	.959	.979	.983	.986	.988
21	0.873	0.888	0.908	0.923	0.960	0.980	0.983	0.987	0.989
22	.878	.892	.911	.926	.961	.980	.984	.987	.989
23	.881	.895	.914	.928	.962	.981	.984	.987	.989
24	.884	.898	.916	.930	.963	.981	.984	.987	.989
25	.888	.901	.918	.931	.964	.981	.985	.988	.989
26	0.891	0.904	0.920	0.933	0.965	0.982	0.985	0.988	0.989
27	.894	.906	.923	.935	.965	.982	.985	.988	.990
28	.896	.908	.924	.936	.966	.982	.985	.988	.990
29	.898	.910	.926	.937	.966	.982	.985	.988	.990
30	.900	.912	.927	.939	.967	.983	.985	.988	.990
31	0.902	0.914	0.929	0.940	0.967	0.983	0.986	0.988	0.990
32	.904	.915	.930	.941	.968	.983	.986	.988	.990
33	.906	.917	.931	.942	.968	.983	.986	.989	.990
34	.908	.919	.933	.943	.969	.983	.986	.989	.990
35	.910	.920	.934	.944	.969	.984	.986	.989	.990
36	0.912	0.922	0.935	0.945	0.970	0.984	0.986	0.989	0.990
37	.914	.924	.936	.946	.970	.984	.987	.989	.990
38	.916	.925	.938	.947	.971	.984	.987	.989	.990
39	.917	.927	.939	.948	.971	.984	.987	.989	.991
40	.919	.928	.940	.949	.972	.985	.987	.989	.991
41	0.920	0.929	0.941	0.950	0.972	0.985	0.987	0.989	0.991
42	.922	.930	.942	.951	.972	.985	.987	.989	.991
43	.923	.932	.943	.951	.973	.985	.987	.990	.991
44	.924	.933	.944	.952	.973	.985	.987	.990	.991
45	.926	.934	.945	.953	.973	.985	.988	.990	.991
46	0.927	0.935	0.945	0.953	0.974	0.985	0.988	0.990	0.991
47	.928	.936	.946	.954	.974	.985	.988	.990	.991
48	.929	.937	.947	.954	.974	.985	.988	.990	.991
49	.929	.937	.947	.955	.974	.985	.988	.990	.991
50	.930	.938	.947	.955	.974	.985	.988	.990	.991