

TABLO 1 NORMAL DAĞILIM TABLOSU

z	p (μ 'den z'ye)	p (z'den kuyruğa)	ordinat	z	p (μ 'den z'ye)	p (z'den kuyruğa)	ordinat
.00	.0000	.5000	.3989	.45	.1736	.3264	.3605
.01	.0040	.4960	.3989	.46	.1772	.3228	.3589
.02	.0080	.4920	.3989	.47	.1808	.3192	.3572
.03	.0120	.4880	.3988	.48	.1844	.3156	.3555
.04	.0160	.4840	.3986	.49	.1879	.3121	.3538
.05	.0199	.4801	.3984	.50	.1915	.3085	.3521
.06	.0239	.4761	.3982	.5]	.1950	.3050	.3503
.07	.0279	.4721	.3980	.52	.1985	.3015	.3485
.08	.0319	.4681	.3977	.53	.2019	.2981	.3467
.09	.0359	.4641	.3973	.54	.2054	.2946	.3448
.10	.0398	.4602	.3970	.55	.2088	.2912	.3429
.11	.0438	.4562	.3965	.56	.2123	.2877	.3410
.12	.0478	.4522	.3961	.57	.2157	.2843	.3391
.13	.0517	.4483	.3956	.58	.2190	.2810	.3372
.14	.0557	.4443	.3951	.59	.2224	.2776	.3352
.15	.0596	.4404	.3945	.60	.2257	.2743	.3332
.16	.0636	.4364	.3939	.6]	.2291	.2709	.3312
.17	.0675	.4325	.3932	.62	.2324	.2676	.3292
.18	.0714	.4286	.3925	.63	.2357	.2643	.3271
.19	.0753	.4247	.3918	.64	.2389	.2611	.3251
.20	.0793	.4207	.3910	.65	.2422	.2578	.3230
.21	.0832	.4168	.3902	.66	.2454	.2546	.3209
.22	.0871	.4129	.3894	.67	.2486	.2514	.3187
.23	.0901	.4090	.3885	.68	.2517	.2483	.3166
.24	.0948	.4052	.3876	.69	.2549	.2451	.3144
.25	.0987	.4013	.3867	.70	.2580	.2420	.3123
.26	.1026	.3974	.3857	.7]	.2611	.2389	.3101
.27	.1064	.3936	.3847	.72	.2642	.2358	.3079
.28	.1103	.3897	.3836	.73	.2673	.2327	.3056
.29	.1141	.3859	.3825	.74	.2704	.2296	.3034
.30	.1179	.3821	.3814	.75	.2734	.2266	.3011
.31	.1217	.3783	.3802	.76	.2764	.2236	.2989
.32	.1255	.3745	.3790	.77	.2794	.2206	.2966
.33	.1293	.3707	.3778	.78	.2823	.2177	.2943
.34	.1331	.3669	.3765	.79	.2852	.2148	.2920
.35	.1368	.3632	.3752	.80	.2881	.2119	.2897
.36	.1406	.3594	.3739	.81	.29]	.2090	.2874
.37	.1443	.3557	.3725	.82	.2939	.2061	.2850
.38	.1480	.3520	.3712	.83	.2967	.2033	.2827
.39	.1517	.3483	.3697	.84	.2995	.2005	.2803
.40	.1554	.3446	.3683	.85	.3023	.1977	.2780
.41	.1591	.3409	.3668	.86	.3051	.1949	.2756
.42	.1628	.3372	.3653	.87	.3078	.1922	.2732
.43	.1664	.3336	.3637	.88	.3106	.1894	.2709
.44	.1700	.3300	.3621	.89	.3133	.1867	.2685

z	p (μ'den z'ye)	p (z'den kuyruğa)	ordinat	z	p (μ'den z'ye)	p (z'den kuyruğa)	ordinat
.90	.3159	.1841	.2661	1.35	.4115	.0885	.1604
.91	.3186	.1814	.2637	1.36	.4131	.0869	.1582
.92	.3212	.1788	.2613	1.37	.4147	.0853	.1561
.93	.3238	.1762	.2589	1.38	.4162	.0838	.1539
.94	.3264	.1736	.2565	1.39	.4177	.0823	.1518
.95	.3289	.1711	.2541	1.40	.4192	.0808	.1497
.96	.3315	.1685	.2516	1.41	.4207	.0793	.1476
.97	.3340	.1660	.2492	1.42	.4222	.0778	.1456
.98	.3365	.1635	.2468	1.43	.4236	.0764	.1435
.99	.3389	.1611	.2444	1.44	.4251	.0749	.1415
1.00	.3413	.1587	.2420	1.45	.4265	.0735	.1394
1.01	.3438	.1562	.2396	1.46	.4279	.0721	.1374
1.02	.3461	.1539	.2371	1.47	.4292	.0708	.1354
1.03	.3485	.1515	.2347	1.48	.4306	.0694	.1334
1.04	.3508	.1492	.2323	1.49	.4319	.0681	.1315
1.05	.3531	.1469	.2299	1.50	.4332	.0668	.1295
1.06	.3554	.1446	.2275	1.51	.4345	.0655	.1276
1.07	.3577	.1423	.2251	1.52	.4357	.0643	.1257
1.08	.3599	.1401	.2227	1.53	.4370	.0630	.1238
1.09	.3621	.1379	.2203	1.54	.4382	.0618	.1219
1.10	.3643	.1357	.2179	1.55	.4394	.0606	.1200
1.11	.3665	.1335	.2155	1.56	.4406	.0594	.1182
1.12	.3686	.1314	.2131	1.57	.4418	.0582	.1163
i. 13	.3708	.1292	.2107	1.58	.4429	.0571	.1145
1.14	.3729	.1271	.2083	1.59	.4441	.0559	.1127
1.15	.3749	.1251	.2059	1.60	.4452	.0548	.1109
1.16	.3770	.1230	.2036	1.61	.4463	.0537	.1092
1.17	.3790	.1210	.2012	1.62	.4474	.0526	.1074
1.18	.3810	.1190	.1989	1.63	.4484	.0516	.1057
1.19	.3830	.1170	.1965	1.64	.4495	.0505	.1040
1.20	.3849	.1151	.1942	1.65	.4505	.0495	.1023
1.21	.3869	.1131	.1919	1.66	.45 i 5	.0485	.1006
1.22	.3888	.1112	.1895	1.67	.4525	.0475	.0989
1.23	.3907	.1093	.1872	1.68	.4535	.0465	.0973
1.24	.3925	.1075	.1849	1.69	.4545	.0455	.0957
1.25	.3944	.1056	.1826	1.70	.4554	.0446	.0940
1.26	.3962	.1038	.1804	i. 71	.4564	.0436	.0925
1.27	.3980	.1020	.1781	1.72	.4573	.0427	.0909
1.28	.3997	.1003	.1758	1.73	.4582	.0418	.0893
1.29	.4015	.0985	.1736	1.74	.4591	.0409	.0878
1.30	.4032	.0968	.1714	1.75	.4599	.0401	.0863
1.31	.4049	.0951	.1691	1.76	.4608	.0392	.0848
1.32	.4066	.0934	.1669	1.77	.4616	.0384	.0833
1.33	.4082	.0918	.1647	1.78	.4625	.0375	.0818
1.34	.4099	.0901	.1626	1.79	.4633	.0367	.0804

z	p (μ'den z'ye)	p (z'den kuyruğa)	ordinat
1.80	.4641	.0359	.0790
1.81	.4649	.0351	.0775
1.82	.4656	.0344	.0761
1.83	.4664	.0336	.0748
1.84	.4671	.0329	.0734
1.85	.4678	.0322	.0721
1.86	.4686	.0314	.0707
1.87	.4693	.0307	.0694
1.88	.4699	.0301	.0681
1.89	.4706	.0294	.0669
1.90	.4713	.0287	.0656
1.91	.4719	.0281	.0644
1.92	.4726	.0274	.0632
1.93	.4732	.0268	.0620
1.94	.4738	.0262	.0608
1.95	.4744	.0256	.0596
1.96	.4750	.0250	.0584
1.97	.4756	.0244	.0573
1.98	.4761	.0239	.0562
1.99	.4767	.0233	.0551
2.00	.4772	.0228	.0540
2.01	.4778	.0222	.0529
2.02	.4783	.0217	.0519
2.03	.4788	.0212	.0508
2.04	.4793	.0207	.0498
2.05	.4798	.0202	.0488
2.06	.4803	.0197	.0478
2.07	.4808	.0192	.0468
2.08	.4812	.0188	.0459
2.09	.4817	.0183	.0449
2.10	.4821	.0179	.0440
2.11	.4826	.0174	.0431
2.12	.4830	.0170	.0422
2.13	.4834	.0166	.0413
2.14	.4838	.0162	.0404
2.15	.4842	.0158	.0396
2.16	.4846	.0154	.0387
2.17	.4850	.0150	.0379
2.18	.4854	.0146	.0371
2.19	.4857	.0143	.0363
2.20	.4861	.0139	.0355
2.21	.4864	.0136	.0347
2.22	.4868	.0132	.0339
2.23	.4871	.0129	.0332
2.24	.4875	.0125	.0325

z	p (μ'den z'ye)	p (z'den kuyruğa)	ordinat
2.25	.4878	.0122	.0317
2.26	.4881	.0119	.0310
2.27	.4884	.0116	.0303
2.28	.4887	.0113	.0297
2.29	.4890	.0110	.0290
2.30	.4893	.0107	.0283
2.31	.4896	.0104	.0277
2.32	.4898	.0102	.0270
2.33	.4901	.0099	.0264
2.34	.4904	.0096	.0258
2.35	.4906	.0094	.0252
2.36	.4909	.0091	.0246
2.37	.4911	.0089	.0241
2.38	.4913	.0087	.0235
2.39	.4916	.0084	.0229
2.40	.4918	.0082	.0224
2.41	.4920	.0080	.0219
2.42	.4922	.0078	.0213
2.43	.4925	.0075	.0208
2.44	.4927	.0073	.0203
2.45	.4929	.0071	.0198
2.46	.4931	.0069	.0194
2.47	.4932	.0068	.0189
2.48	.4934	.0066	.0184
2.49	.4936	.0064	.0180
2.50	.4938	.0062	.0175
2.51	.4940	.0060	.0171
2.52	.4941	.0059	.0167
2.53	.4943	.0057	.0163
2.54	.4945	.0055	.0158
2.55	.4946	.0054	.0155
2.56	.4948	.0052	.0151
2.57	.4949	.0051	.0147
2.58	.4951	.0049	.0143
2.59	.4952	.0048	.0139
2.60	.4953	.0047	.0136
2.61	.4955	.0045	.0132
2.62	.4956	.0044	.0129
2.63	.4957	.0043	.0126
2.64	.4959	.0041	.0122
2.65	.4960	.0040	.0119
2.66	.4961	.0039	.0116
2.67	.4962	.0038	.0113
2.68	.4963	.0037	.0110
2.69	.4964	.0036	.0107

z	p (μ'den z'ye)	p (z'den kuyruğa)	ordinat
2.70	.4965	.0035	.0104
2.71	.4966	.0034	.0101
2.72	.4967	.0033	.0099
2.73	.4968	.0032	.0096
2.74	.4969	.0031	.0093
2.75	.4970	.0030	.0091
2.76	.4971	.0029	.0088
2.77	.4972	.0028	.0086
2.78	.4973	.0027	.0084
2.79	.4974	.0026	.0081
2.80	.4974	.0026	.0079
2.81	.4975	.0025	.0077
2.82	.4976	.0024	.0075
2.83	.4977	.0023	.0073
2.84	.4977	.0023	.0071
2.85	.4978	.0022	.0069
2.86	.4979	.0021	.0067
2.87	.4979	.0021	.0065
2.88	.4980	.0020	.0063
2.89	.4981	.0019	.0061
2.90	.4981	.0019	.0060
2.91	.4982	.0018	.0058
2.92	.4982	.0018	.0056
2.93	.4983	.0017	.0055
2.94	.4984	.0016	.0053
2.95	.4984	.0016	.0051
2.96	.4985	.0015	.0050
2.97	.4985	.0015	.0048
2.98	.4986	.0014	.0047
2.99	.4986	.0014	.0046
3.00	.4987	.0013	.0044
3.01	.4987	.0013	.0043
3.02	.4987	.0013	.0042
3.03	.4988	.0012	.0040
3.04	.4988	.0012	.0039
3.05	.4989	.0011	.0038
3.06	.4989	.0011	.0037
3.07	.4989	.0011	.0036
3.08	.4990	.0010	.0035
3.09	.4990	.0010	.0034
3.10	.4990	.0010	.0033
3.11	.4991	.0009	.0032
3.12	.4991	.0009	.0031
3.13	.4991	.0009	.0030
3.14	.4992	.0008	.0029

z	p (μ'den z'ye)	p (z'den kuyruğa)	ordinat
3.15	.4992	.0008	.0028
3.16	.4992	.0008	.0027
3.17	.4992	.0008	.0026
3.18	.4993	.0007	.0025
3.19	.4993	.0007	.0025
3.20	.4993	.0007	.0024
3.21	.4993	.0007	.0023
3.22	.4994	.0006	.0022
3.23	.4994	.0006	.0022
3.24	.4994	.0006	.0021
3.25	.4994	.0006	.0020
3.26	.4994	.0006	.0020
3.27	.4995	.0005	.0019
3.28	.4995	.0005	.0018
3.29	.4995	.0005	.0018
3.30	.4995	.0005	.0017
3.31	.4995	.0005	.0017
3.32	.4995	.0005	.0016
3.33	.4996	.0004	.0016
3.34	.4996	.0004	.0015
3.35	.4996	.0004	.0015
3.36	.4996	.0004	.0014
3.37	.4996	.0004	.0014
3.38	.4996	.0004	.0013
3.39	.4997	.0003	.0013
3.40	.4997	.0003	.0012
3.41	.4997	.0003	.0012
3.42	.4997	.0003	.0012
3.43	.4997	.0003	.0011
3.44	.4997	.0003	.0011
3.45	.4997	.0003	.0010
3.46	.4997	.0003	.0010
3.47	.4997	.0003	.0010
3.48	.4997	.0003	.0009
3.49	.4998	.0002	.0009
3.50	.4998	.0002	.0009
3.51	.4998	.0002	.0008
3.52	.4998	.0002	.0008
3.53	.4998	.0002	.0008
3.54	.4998	.0002	.0008
3.55	.4998	.0002	.0007
3.56	.4998	.0002	.0007
3.57	.4998	.0002	.0007
3.58	.4998	.0002	.0007
3.59	.4998	.0002	.0006

z	p (μ'den z'ye)	p (z'den kuyruğa)	ordinat	z	p (μ'den z'ye)	p (z'den kuyruğa)	ordinat
3.60	.4998	.0002	.0006	3.80	.4999	.0001	.0003
3.61	.4998	.0002	.0006	3.81	.4999	.0001	.0003
3.62	.4999	.0001	.0006	3.82	.4999	.0001	.0003
3.63	.4999	.0001	.0005	3.83	.4999	.0001	.0003
3.64	.4999	.0001	.0005	3.84	.4999	.0001	.0003
3.65	.4999	.0001	.0005	3.85	.4999	.0001	.0002
3.66	.4999	.0001	.0005	3.86	.4999	.0001	.0002
3.67	.4999	.0001	.0005	3.87	.4999	.0001	.0002
3.68	.4999	.0001	.0005	3.88	.4999	.0001	.0002
3.69	.4999	.0001	.0004	3.89	1.0000	.0000	.0002
3.70	.4999	.0001	.0004	3.90	1.0000	.0000	.0002
3.71	.4999	.0001	.0004	3.91	1.0000	.0000	.0002
3.72	.4999	.0001	.0004	3.92	1.0000	.0000	.0002
3.73	.4999	.0001	.0004	3.93	1.0000	.0000	.0002
3.74	.4999	.0001	.0004	3.94	1.0000	.0000	.0002
3.75	.4999	.0001	.0004	3.95	1.0000	.0000	.0002
3.76	.4999	.0001	.0003	3.96	1.0000	.0000	.0002
3.77	.4 999	.0001	.0003	3.97	1.0000	.0000	.0002
3.78	.4999	.0001	.0003	3.98	1.0000	.0000	.0001
3.79	.4999	.0001	.0003	3.99	1.0000	.0000	.0001
				4.00	1.0000	.0000	.0001

TABLO 2 STUDENT'S T DAĞILIMI TABLOSU

İki yanlı	.80	.50	.20	.10	.05	.02	.01	.001
Tek yanlı	.40	.25	.10	.05	.025	.01	.005	.0005
<i>p</i>	.60	.75	.90	.95	.975	.99	.995	.9995
<i>df</i>								
1	.325	1.000	3.078	6.314	12.706	31.821	63.657	636.619
2	.289	.816	1.886	2.920	4.303	6.965	9.925	31.598
3	.277	.765	1.638	2.353	3.182	4.541	5.841	12.924
4	.271	.741	1.533	2.132	2.776	3.747	4.604	8.610
5	.267	.727	1.476	2.015	2.571	3.365	4.032	6.869
6	.265	.718	1.440	1.943	2.447	3.143	3.707	5.959
7	.263	.711	1.415	1.895	2.365	2.998	3.499	5.408
8	.262	.706	1.397	1.860	2.306	2.896	3.355	5.041
9	.261	.703	1.383	1.833	2.262	2.821	3.250	4.781
10	.260	.700	1.372	1.812	2.228	2.764	3.169	4.587
11	.260	.697	1.363	1.796	2.201	2.718	3.106	4.437
12	.259	.695	1.356	1.782	2.179	2.681	3.055	4.318
13	.259	.694	1.350	1.771	2.160	2.650	3.012	4.221
14	.258	.692	1.345	1.761	2.145	2.624	2.977	4.140
15	.258	.691	1.341	1.753	2.131	2.602	2.947	4.073
16	.258	.690	1.337	1.746	2.120	2.583	2.921	4.015
17	.257	.689	1.333	1.740	2.110	2.567	2.898	3.965
18	.257	.688	1.330	1.734	2.101	2.552	2.878	3.922
19	.257	.688	1.328	1.729	2.093	2.539	2.861	3.883
20	.257	.687	1.325	1.725	2.086	2.528	2.845	3.850
21	.257	.686	1.323	1.721	2.080	2.518	2.831	3.819
22	.256	.686	1.321	1.717	2.074	2.508	2.819	3.792
23	.256	.685	1.319	1.714	2.069	2.500	2.807	3.767
24	.256	.685	1.318	1.711	2.064	2.492	2.797	3.745
25	.256	.684	1.316	1.708	2.060	2.485	2.787	3.725
26	.256	.684	1.315	1.706	2.056	2.479	2.779	3.707
27	.256	.684	1.314	1.703	2.052	2.473	2.771	3.690
28	.256	.683	1.313	1.701	2.048	2.467	2.763	3.674
29	.256	.683	1.311	1.699	2.045	2.462	2.756	3.659
30	.256	.683	1.310	1.697	2.042	2.457	2.750	3.646
40	.255	.681	1.303	1.684	2.021	2.423	2.704	3.551
60	.254	.679	1.296	1.671	2.000	2.390	2.660	3.460
120	.254	.677	1.289	1.658	1.980	2.358	2.617	3.373
∞	.253	.674	1.282	1.645	1.960	2.326	2.576	3.291

TABLO 3 Kİ-KARE DAĞILIMI TABLOSU

<i>p</i>	.005	.010	.025	.050	.100	.900	.950	.975	.990	.995	.999
<i>df</i>											
1	.0393	.0157	.0982	.0393	.0158	2.71	3.84	5.02	6.63	7.88	10.83
2	.0100	.0201	.0506	.103	.211	4.61	5.99	7.38	9.21	10.60	13.82
3	.072	.115	.216	.352	.584	6.25	7.81	9.35	11.34	12.84	16.27
4	.0207	.297	.484	.711	1.064	7.78	9.49	11.14	13.28	14.86	18.47
5	.412	.554	.831	1.145	1.61	9.24	11.07	12.83	15.09	16.75	20.52
6	.676	.872	1.24	1.64	2.20	10.64	12.59	14.45	16.81	18.55	22.46
7	.989	1.24	1.69	2.17	2.83	12.02	14.07	16.01	18.48	20.28	24.32
8	1.34	1.65	2.18	2.73	3.49	13.36	15.51	17.53	20.09	21.96	26.13
9	1.73	2.09	2.70	3.33	4.17	14.68	16.92	19.02	21.67	23.59	27.88
10	2.16	2.56	3.25	3.94	4.87	15.99	18.31	20.48	23.21	25.19	29.59
11	2.60	3.05	3.82	4.57	5.58	17.28	19.68	21.92	24.72	26.76	31.26
12	3.07	3.57	4.40	5.23	6.30	18.55	21.03	23.34	26.22	28.30	32.91
13	3.57	4.11	5.01	5.89	7.04	19.81	22.36	24.74	27.69	29.82	34.53
14	4.07	4.66	5.63	6.57	7.79	21.06	23.68	26.12	29.14	31.32	36.12
15	4.60	5.23	6.26	7.26	8.55	22.31	25.00	27.49	30.58	32.80	37.70
16	5.14	5.81	6.91	7.96	9.31	23.54	26.30	28.85	32.00	34.27	39.25
17	5.70	6.41	7.56	8.67	10.09	24.77	27.59	30.19	33.41	35.72	40.79
18	6.26	7.01	8.23	9.39	10.86	25.99	28.87	31.53	34.81	37.16	42.31
19	6.84	7.63	8.91	10.12	11.65	27.20	30.14	32.85	36.19	38.58	43.82
20	7.43	8.26	8.59	10.85	12.44	28.41	31.41	34.17	37.57	40.00	43.32
21	8.03	8.90	10.28	11.59	13.24	29.62	32.67	35.48	38.93	41.40	46.80
22	8.64	9.54	10.98	12.34	14.04	30.81	33.92	36.78	40.29	42.80	48.27
23	9.26	10.20	11.69	13.09	14.85	32.01	35.17	38.08	41.64	44.18	49.73
24	9.89	10.86	12.40	13.85	15.66	33.20	36.42	39.36	42.98	45.56	51.18
25	10.52	11.52	13.12	14.61	16.47	34.38	37.65	40.65	44.31	46.93	52.62
26	11.16	12.20	13.84	15.38	17.29	35.56	38.89	41.92	45.64	48.29	54.05
27	11.81	12.88	14.57	16.15	18.11	36.74	40.11	43.19	46.96	49.64	55.48
28	12.46	13.56	15.31	16.93	18.94	37.92	41.34	44.46	48.28	50.99	56.89
29	13.21	14.26	16.05	17.71	19.77	39.09	42.56	45.72	49.59	52.34	58.30
30	13.79	14.95	16.79	18.49	20.60	40.26	43.77	46.98	50.89	53.67	59.70
40	20.71	22.16	24.43	26.51	29.05	51.80	55.76	59.34	63.69	66.77	73.40
50	27.99	29.71	32.36	34.76	37.69	63.17	67.50	71.42	76.15	79.49	86.66
60	35.53	37.48	40.48	43.19	46.46	74.40	79.08	83.30	88.38	91.95	99.61
70	43.28	45.44	48.76	51.74	55.33	85.53	90.53	95.02	100.43	104.22	112.32
80	51.17	53.54	57.15	60.39	64.28	96.58	101.88	106.63	112.33	116.32	124.84
90	59.20	61.75	65.65	69.13	73.29	107.56	113.15	118.14	124.12	128.30	137.21
100	67.33	70.06	74.22	77.93	82.36	118.50	124.34	129.56	135.81	140.17	149.45

TABLO 4 WILCOXON İŞARETLENDİRİLMİŞ RANKLAR TESTİ İÇİN KRİTİK *T* DEĞERLERİ TABLOSU

Tek yanlı önem düzeyi					Tek yanlı önem düzeyi				
<u>.05 .025 .01 .005</u>					<u>.05 .025 .01 .005</u>				
İki yanlı önem düzeyi					İki yanlı önem düzeyi				
<u>.10 .05 .02 .01</u>					<u>.10 .05 .02 .01</u>				
<i>n</i>					<i>n</i>				
5	0	-	-	-	28	130	116	101	91
6	2	0	-	-	29	140	126	110	100
7	3	2	0	-	30	151	137	120	109
8	5	3	1	0	31	163	147	130	118
9	8	5	3	1	32	175	159	140	128
10	10	8	5	3	33	187	170	151	138
11	13	10	7	5	34	200	182	162	148
12	17	13	9	7	35	213	195	173	159
13	21	17	12	9	36	227	208	185	171
14	25	21	15	12	37	241	221	198	182
15	30	25	19	15	38	256	235	211	194
16	35	29	23	19	39	271	249	224	207
17	41	34	27	23	40	286	264	238	220
18	47	40	32	27	41	302	279	252	233
19	53	46	37	32	42	319	294	266	247
20	60	52	43	37	43	336	310	281	261
21	67	58	49	42	44	353	327	296	276
22	75	65	55	48	45	371	343	312	291
23	83	73	62	54	46	389	361	328	307
24	91	81	69	61	47	407	378	345	322
25	100	89	76	68	48	426	396	362	339
26	110	98	84	75	49	446	415	379	355
27	119	107	92	83	50	466	434	397	373

TABLO 5 TEK ÖRNEKLEM İÇİN KOLMOGOROV-SMİRNOV UYUMUN İYİLİĞİ TESTİ KRİTİK DEĞERLER TABLOSU

Tek yanlı	.10	.05	.025	.01	.005
İki yanlı	.20	.10	.050	.02	.010
$n = 1$	.900	.950	.975	.990	.995
2	.684	.776	.842	.900	.929
3	.565	.636	.708	.785	.829
4	.493	.565	.624	.689	.734
5	.447	.509	.563	.627	.669
6	.410	.468	.519	.577	.617
7	.381	.436	.483	.538	.576
8	.358	.410	.454	.507	.542
9	.339	.387	.430	.480	.513
10	.323	.369	.409	.457	.489
11	.308	.352	.391	.437	.468
12	.296	.338	.375	.419	.449
13	.285	.325	.361	.404	.432
14	.275	.314	.349	.390	.418
15	.266	.304	.338	.377	.404
16	.258	.295	.327	.366	.392
17	.250	.286	.318	.355	.381
18	.244	.279	.309	.346	.371
19	.237	.271	.301	.337	.361
20	.232	.265	.294	.329	.352
21	.226	.259	.287	.321	.344
22	.221	.253	.281	.314	.337
23	.216	.247	.275	.307	.330
24	.212	.242	.269	.301	.323
25	.208	.238	.264	.295	.317
26	.204	.233	.259	.290	.311
27	.200	.229	.254	.284	.305
28	.197	.225	.250	.279	.300
29	.193	.221	.246	.275	.295
30	.190	.218	.242	.270	.290
31	.187	.214	.238	.266	.285
32	.184	.211	.234	.262	.281
33	.182	.208	.231	.258	.277
34	.179	.205	.227	.254	.273
35	.177	.202	.224	.251	.269
36	.174	.199	.221	.247	.265
37	.172	.196	.218	.244	.262
38	.170	.194	.215	.241	.258
39	.168	.191	.213	.238	.255
40	.165	.189	.210	.235	.252
$n > 40$	$1.07/\sqrt{n}$	$1.22/\sqrt{n}$	$1.36/\sqrt{n}$	$1.52/\sqrt{n}$	$1.63/\sqrt{n}$

TABLO 6 NORMALLIK İÇİN LİLLİEFORS TESTİ KRİTİK DEĞERLER TABLOSU

Tek yanlı	.20	.15	.10	.05	.01
İki yanlı	.40	.30	.20	.10	.02
$n = 4$	.300	.319	.352	.381	.417
5	.285	.299	.315	.337	.405
6	.265	.277	.294	.319	.364
7	.247	.258	.276	.300	.348
8	.233	.244	.261	.285	.331
9	.223	.233	.249	.271	.311
10	.215	.224	.239	.258	.294
11	.206	.217	.230	.249	.284
12	.199	.212	.223	.242	.275
13	.190	.202	.214	.234	.268
14	.183	.194	.207	.227	.261
15	.177	.187	.201	.220	.257
16	.173	.182	.195	.213	.250
17	.169	.177	.189	.206	.245
18	.166	.173	.184	.200	.239
19	.163	.169	.179	.195	.235
20	.160	.166	.174	.190	.231
25	.142	.147	.158	.173	.200
30	.131	.136	.144	.161	.187
$n > 30$	$.736/\sqrt{n}$	$.768/\sqrt{n}$	$.805/\sqrt{n}$	$.886/\sqrt{n}$	$1.031/\sqrt{n}$

TABLO 7 BİNOM DAĞILIMI BİREYSEL OLASILIKLAR TABLOSU

		π									
n	x	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
1	0	.9500	.9000	.8500	.8000	.7500	.7000	.6500	.6000	.5500	.5000
	1	.0500	.1000	.1500	.2000	.2500	.3000	.3500	.4000	.4500	.5000
2	0	.9025	.8100	.7225	.6400	.5625	.4900	.4225	.3600	.3025	.2500
	1	.0950	.1800	.2550	.3200	.3750	.4200	.4550	.4800	.4950	.5000
	2	.0025	.0100	.0225	.0400	.0625	.0900	.1225	.1600	.2025	.2500
3	0	.8514	.7290	.6141	.5120	.4219	.3430	.2746	.2160	.1664	.1250
	1	.1354	.2430	.3251	.3840	.4219	.4410	.4436	.4320	.4084	.3750
	2	.0071	.0270	.0574	.0960	.1406	.1890	.2389	.2880	.3341	.3750
	3	.0001	.0010	.0034	.0080	.0156	.0270	.0429	.0640	.0911	.1250
4	0	.8145	.6561	.5220	.4096	.3164	.2401	.1785	.1296	.0915	.0625
	1	.1715	.2916	.3685	.4096	.4219	.4116	.3845	.3456	.2995	.2500
	2	.0135	.0486	.0975	.1536	.2109	.2646	.3105	.3456	.3675	.3750
	3	.0005	.0036	.0115	.0256	.0469	.0756	.1115	.1536	.2005	.2500
	4	.0000	.0001	.0005	.0016	.0039	.0081	.0150	.0256	.0410	.0625
5	0	.7738	.5905	.4437	.3277	.2373	.1681	.1160	.0718	.0503	.0312
	1	.2036	.3280	.3915	.4096	.3955	.3602	.3124	.2592	.2059	.1562
	2	.0214	.0729	.1382	.2048	.2637	.3087	.3364	.3456	.3369	.3125
	3	.0011	.0081	.0244	.0512	.0879	.1323	.1811	.2304	.2757	.3125
	4	.0000	.0004	.0022	.0064	.0146	.0284	.0488	.0768	.1128	.1562
	5	.0000	.0000	.0001	.0003	.0010	.0024	.0053	.0102	.0185	.0312
6	0	.7351	.5314	.3771	.2621	.1780	.1176	.0754	.0467	.0277	.0156
	1	.2321	.3543	.3993	.3932	.3560	.3025	.2437	.1866	.1359	.0938
	2	.0305	.0984	.1762	.2458	.2966	.3241	.3280	.3110	.2780	.2344
	3	.0021	.0146	.0415	.0819	.1318	.1852	.2355	.2765	.3032	.3125
	4	.0001	.0012	.0055	.0154	.0330	.0595	.0951	.1382	.1861	.2344
	5	.0000	.0001	.0004	.0015	.0044	.0102	.0205	.0369	.0609	.0938
	6	.0000	.0000	.0000	.0001	.0002	.0007	.0018	.0041	.0083	.0156
7	0	.6983	.4783	.3206	.2097	.1335	.0824	.0490	.0280	.0152	.0078
	1	.2573	.3720	.3960	.3670	.3115	.2471	.1848	.1306	.0872	.0547
	2	.0406	.1240	.2097	.2753	.3115	.3177	.2985	.2613	.2140	.1641
	3	.0036	.0230	.0617	.1147	.1730	.2269	.2679	.2903	.2918	.2734
	4	.0002	.0026	.0109	.0287	.0577	.0972	.1442	.1935	.2388	.2734
	5	.0000	.0002	.0012	.0043	.0115	.0250	.0466	.0774	.1172	.1641
	6	.0000	.0000	.0001	.0004	.0013	.0036	.0084	.0172	.0320	.0547
	7	.0000	.0000	.0000	.0000	.0001	.0002	.0006	.0016	.0037	.0078
8	0	.6634	.4305	.2725	.1678	.1001	.0576	.0319	.0168	.0084	.0039
	1	.2793	.3826	.3847	.3355	.2670	.1977	.1373	.0896	.0548	.0312
	2	.0515	.1488	.2376	.2936	.3115	.2965	.2587	.2090	.1569	.1094
	3	.0054	.0331	.0839	.1468	.2076	.2541	.2786	.2787	.2568	.2188
	4	.0004	.0046	.0185	.0459	.0865	.1361	.1875	.2322	.2627	.2734
	5	.0000	.0004	.0026	.0092	.0231	.0467	.0808	.1239	.1719	.2188
	6	.0000	.0000	.0002	.0011	.0038	.0100	.0217	.0413	.0703	.1094
	7	.0000	.0000	.0000	.0001	.0004	.0012	.0033	.0079	.0164	.0312
	8	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0007	.0017	.0039

		π									
n	x	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
9	0	.6302	.3874	.2316	.1342	.0751	.0404	.0207	.0101	.0046	.0020
	1	.2985	.3874	.3679	.3020	.2253	.1556	.1004	.0605	.0339	.0176
	2	.0629	.1722	.2597	.3020	.3003	.2668	.2162	.1612	.1110	.0703
	3	.0077	.0446	.1069	.1762	.2336	.2668	.2716	.2508	.2119	.1641
	4	.0006	.0074	.0283	.0661	.1168	.1715	.2194	.2508	.2600	.2461
	5	.0000	.0008	.0050	.0165	.0389	.0735	.1181	.1672	.2128	.2461
	6	.0000	.0001	.0006	.0028	.0087	.0210	.0424	.0743	.1160	.1641
	7	.0000	.0000	.0000	.0003	.0012	.0039	.0098	.0212	.0407	.0703
	8	.0000	.0000	.0000	.0000	.0001	.0004	.0013	.0035	.0083	.0176
	9	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0008	.0020
10	0	.5987	.3487	.1969	.1074	.0563	.0282	.0135	.0060	.0025	.0010
	1	.3151	.3874	.3474	.2684	.1877	.1211	.0725	.0403	.0207	.0098
	2	.0746	.1937	.2759	.3020	.2816	.2335	.1757	.1209	.0763	.0439
	3	.0105	.0574	.1298	.2013	.2503	.2668	.2522	.2150	.1665	.1172
	4	.0010	.0112	.0401	.0881	.1460	.2001	.2377	.2508	.2384	.2051
	5	.0001	.0015	.0085	.0264	.0584	.1029	.1536	.2007	.2340	.2461
	6	.0000	.0001	.0012	.0055	.0162	.0368	.0689	.1115	.1596	.2051
	7	.0000	.0000	.0001	.0008	.0031	.0090	.0212	.0425	.0746	.1172
	8	.0000	.0000	.0000	.0001	.0004	.0014	.0043	.0106	.0229	.0439
	9	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0016	.0042	.0098
11	0	.5688	.3138	.1673	.0859	.0422	.0198	.0088	.0036	.0014	.0004
	1	.3293	.3835	.3248	.2362	.1549	.0932	.0518	.0266	.0125	.0055
	2	.0867	.2131	.2866	.2953	.2581	.1998	.1395	.0887	.0513	.0269
	3	.0137	.0710	.1517	.2215	.2581	.2568	.2254	.1774	.1259	.0806
	4	.0014	.0158	.0536	.1107	.1721	.2201	.2428	.2365	.2060	.1611
	5	.0001	.0025	.0132	.0388	.0803	.1321	.1830	.2207	.2360	.2256
	6	.0000	.0003	.0023	.0097	.0268	.0566	.0985	.1471	.1931	.2256
	7	.0000	.0000	.0003	.0017	.0064	.0173	.0379	.0701	.1128	.1611
	8	.0000	.0000	.0000	.0002	.0011	.0037	.0102	.0234	.0462	.0806
	9	.0000	.0000	.0000	.0000	.0001	.0005	.0018	.0052	.0126	.0269
12	0	.5404	.2824	.1422	.0687	.0317	.0138	.0057	.0022	.0008	.0002
	1	.3413	.3766	.3012	.2062	.1261	.0712	.0368	.0114	.0075	.0029
	2	.0988	.2301	.2924	.2835	.2323	.1678	.1088	.0639	.0339	.0161
	3	.0173	.0852	.1720	.2362	.2581	.2397	.1954	.1419	.0923	.0537
	4	.0021	.0213	.0683	.1329	.1936	.2311	.2367	.2128	.1700	.1208
	5	.0002	.0038	.0193	.0532	.1032	.1585	.2039	.2270	.2225	.1934
	6	.0000	.0005	.0040	.0155	.0401	.0792	.1281	.1766	.2124	.2256
	7	.0000	.0000	.0006	.0033	.0115	.0291	.0591	.1009	.1489	.1934
	8	.0000	.0000	.0001	.0005	.0024	.0078	.0199	.0420	.0762	.1208
	9	.0000	.0000	.0000	.0001	.0004	.0015	.0048	.0125	.0277	.0537
12	10	.0000	.0000	.0000	.0000	.0000	.0002	.0008	.0025	.0068	.0161
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010	.0029
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002

		π									
x	n	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
13	0	.5133	.25	.1209	.0550	.0238	.0097	.0037	.0013	.0004	.0001
	1	.3512	.3672	.2774	.1787	.1029	.0540	.0259	.0113	.0045	.0016
	2	.1109	.2448	.2937	.2680	.2059	.1388	.0836	.0453	.0220	.0095
	3	.0214	.0997	.1900	.2457	.2517	.2181	.1651	.1107	.0660	.0349
	4	.0028	.0277	.0838	.1535	.2097	.2337	.2222	.1845	.1350	.0873
	5	.0003	.0055	.0266	.0691	.1258	.1803	.2154	.2214	.1989	.1571
	6	.0000	.0008	.0063	.0230	.0559	.1030	.1548	.1968	.2169	.2095
	7	.0000	.0001	.0011	.0058	.0186	.0442	.0833	.1312	.1775	.2095
	8	.0000	.0000	.0001	.0011	.0047	.0142	.0336	.0656	.1089	.1571
	9	.0000	.0000	.0000	.0001	.0009	.0034	.0101	.0243	.0495	.0873
	10	.0000	.0000	.0000	.0000	.0001	.0006	.0022	.0065	.0162	.0349
	11	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0012	.0036	.0095
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0016
14	13	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	0	.4871	.2288	.1028	.0440	.0178	.0068	.0024	.0008	.0002	.0001
	1	.3593	.3559	.2539	.1539	.0832	.0407	.0181	.0073	.0027	.0009
	2	.1229	.2570	.2912	.2501	.1802	.1134	.0634	.0317	.0141	.0056
	3	.0259	.1142	.2056	.2.501	.2402	.1943	.1386	.0845	.0462	.0222
	4	.0037	.0349	.0998	.1720	.2202	.2290	.2022	.1549	.1040	.0611
	5	.0004	.0078	.0352	.0860	.1468	.1963	.2178	.2066	.1701	.1222
	6	.0000	.0013	.0093	.0322	.0734	.1262	.1759	.2066	.2088	.1833
	7	.0000	.0002	.0019	.0092	.0280	.0618	.1082	.1574	.1952	.2095
	8	.0000	.0000	.0003	.0020	.0082	.0232	.0510	.0918	.1398	.1833
	9	.0000	.0000	.0000	.0003	.0018	.0066	.0183	.0408	.0762	.1222
	10	.0000	.0000	.0000	.0000	.0003	.0014	.0049	.0136	.0312	.0611
	11	.0000	.0000	.0000	.0000	.0000	.0002	.0010	.0033	.0093	.0222
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0019	.0056
13	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0009	
15	14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	0	.4633	.2059	.0874	.0352	.0134	.0047	.0016	.0005	.0001	.0000
	1	.3658	.3432	.2312	.1319	.0668	.0305	.0126	.0047	.0016	.0005
	2	.1348	.2669	.2856	.2309	.1559	.0916	.0476	.0219	.0090	.0032
	3	.0301	.1285	.2184	.2501	.2252	.1700	.1110	.0634	.0318	.0139
	4	.0049	.0428	.1156	.1816	.2252	.2186	.1192	.1268	.0780	.0417
	5	.0006	.0105	.0449	.1032	.1651	.2061	.2123	.1859	.1404	.0916
	6	.0000	.0019	.0132	.0430	.0911	.1472	.1906	.2066	.1914	.1527
	7	.0000	.0003	.0030	.0138	.0393	.0811	.1319	.1771	.2013	.1964
	8	.0000	.0000	.0005	.0035	.0131	.0348	.0710	.1181	.1647	.1964
	9	.0000	.0000	.0001	.0007	.0034	.0116	.0298	.0612	.1048	.1527
	10	.0000	.0000	.0000	.0001	.0001	.0030	.0096	.0245	.0515	.0916
	11	.0000	.0000	.0000	.0000	.0001	.0006	.0024	.0074	.0191	.0417
	12	.0000	.0000	.0000	.0000	.0000	.0001	.0004	.0016	.0052	.0139
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010	.0032
	14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

TABLO 8 BİNOM DAĞILIMI KÜMÜLATİF OLASILIKLAR TABLOSU

		π									
n	x	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
2	1	.0975	.1900	.2775	.3600	.4375	.5100	.5775	.6400	.6975	.7500
	2	.0025	.0100	.0225	.0400	.0625	.0900	.1225	.1600	.2025	.2500
3	1	.1426	.2710	.3859	.4880	.5781	.6570	.72M	.7840	.8336	.8750
	2	.0072	.0280	.0608	.1040	.1562	.2160	.2818	.3520	.4252	.5000
	3	.0001	.0010	.0034	.0080	.0156	.0270	.0429	.0640	.0911	.1250
4:	1	.1855	.3439	.4780	.5904	.6836	.7599	.8215	.8704	.0085	.9375
	2	.0140	.0523	.1095	.1808	.2617	.3483	.4370	.5248	.6090	.6875
	3	.0005	.0037	.0120	.0272	.0508	.0831	.1265	.1792	.2415	.3125
	4	.0000	.0001	.0005	.0016	.0039	.0081	.0150	.0256	.0410	.0625
5	1	.2262	.4095	.5563	.6723	.7627	.8310	.8840	.9222	.9497	.9688
	2	.0226	.0815	.1648	.2627	.3672	.4718	.5716	.6630	.7438	.8125
	3	.0012	.0086	.0266	.0579	.1035	.1631	.2352	.3174	.4069	.5000
	4	.0000	.0005	.0022	.0067	.0156	.0308	.0540	.0870	.1312	.1875
	5	.0000	.0000	.0001	.0003	.0010	.0024	.0053	.0102	.0185	.0312
6	1	.2649	.4686	.6229	.7379	.8220	.8824	.9246	.9533	.97123	.9844
	2	.0328	.1143	.2235	.3447	.4661	.5798	.6809	.7667	.8364	.8906
	3	.0022	.0158	.0473	.0989	.1694	.2557	.3529	.4557	.5585	.6562
	4	.0001	.0013	.0059	.0170	.0376	.0705	.1174	.1792	.2553	.3438
	5	.0000	.0001	.0004	.0016	.0046	.0109	.0223	.0410	.0692	.1094
	6	.0000	.0000	.0000	.0001	.0002	.0007	.0018	.0041	.0083	.0156
7	1	.3017	.5217	.6794	.7903	.8665	.9176	.9510	.9720	.9848	.9922
	2	.0444	.1497	.2834	.4233	.5551	.6706	.7662	.8414	.8976	.9375
	3	.0038	.0257	.0738	.1480	.2436	.3529	.4677	.5801	.6836	.7734
	4	.0002	.0027	.0121	.0333	.0706	.1260	.1998	.2898	.3917	.5000
	5	.0000	.0002	.0012	.0047	.0129	.0288	.0556	.0963	.1529	.2266
	6	.0000	.0000	.0001	.0004	.0013	.0038	.0000	.0188	.0357	.0625
	7	.0000	.0000	.0000	.0000	.0001	.0002	.0006	.0016	.0037	.0078
8	1	.3366	.5695	.7275	.8322	.8999	.9424	.9681	.9832	.9916	.9961
	2	.0572	.1869	.3428	.4967	.6329	.7447	.8309	.8936	.9368	.9648
	3	.0058	.0381	.1052	.2031	.3215	.4482	.5722	.6846	.7199	.8555
	4	.0004	.0050	.0214	.0563	.1138	.1941	.2936	.4059	.5230	.6367
	5	.0000	.0004	.0029	.0104	.0273	.0580	.1061	.1737	.2604	.3633
	6	.0000	.0000	.0002	.0012	.0042	.0113	.0253	.0498	.0885	.1445
	7	.0000	.0000	.0000	.0001	.0004	.0013	.0036	.0085	.0181	.0352
	8	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0007	.0017	.0039
9	1	.3698	.6126	.7684	.8658	.9249	.9596	.9793	.9899	.9954	.9980
	2	.0712	.2252	.4005	.5638	.6997	.8040	.8789	.9295	.9615	.9805
	3	.0084	.0530	.1409	.2618	.3993	.5372	.6627	.7682	.8505	.9102
	4	.0006	.0083	.0339	.0856	.1657	.2703	.3911	.5174	.6386	.7461
	5	.0000	.0009	.0056	.0196	.0489	.0988	.1717	.2666	.3786	.5000
	6	.0000	.0001	.0006	.0031	.0100	.0253	.0536	.0994	.1658	.2539
	7	.0000	.0000	.0000	.0003	.0013	.0043	.0112	.0250	.0498	.0898
	8	.0000	.0000	.0000	.0000	.0001	.0004	.0014	.0038	.0091	.0195
	9	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0008	.0020

		π									
n	x	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
10	1	.4013	.6513	.8031	.8926	.9437	.9718	.9865	.9965	.9975	.9990
	2	.0851	.2639	.4557	.6242	.7560	.8507	.9140	.9536	.9767	.9893
	3	.0115	.0702	.1198	.3222	.4744	.6172	.7384	.8327	.9004	.9453
	4	.0010	.0128	.0500	.1209	.2241	.3504	.4862	.6177	.7340	.8281
	5	.0001	.0016	.0099	.0328	.0781	.1503	.2485	.3669	.4956	.6230
	6	.0000	.0001	.0014	.0064	.0197	.0413	.0949	.1662	.2616	.3770
	7	.0000	.0000	.0001	.0009	.0035	.0106	.0260	.0548	.1020	.1719
	8	.0000	.0000	.0000	.0001	.0004	.0016	.0048	.0123	.0274	.0547
	9	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0017	.0045	.0107
	.10	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010
11	1	.4312	.6862	.8327	.9141	.9578	.9802	.9912	.9964	.9986	.9995
	2	.1019	.3026	.5078	.6779	.8029	.8870	.9394	.9698	.9861	.9941
	3	.0152	.0896	.2212	.3826	.5448	.6873	.7999	.8811	.9348	.9673
	4	.0016	.0185	.0694	.1611	.2867	.4304	.5744	.7037	.8089	.8867
	5	.0001	.0028	.0159	.0504	.1146	.2103	.3317	.4572	.6029	.7256
	6	.0000	.0003	.0027	.0117	.0343	.0782	.1487	.2465	.3669	.5000
	7	.0000	.0000	.0003	.0020	.0016	.0216	.0501	.0994	.1738	.2744
	8	.0000	.0000	.0000	.0002	.0012	.0043	.0122	.0293	.0610	.1133
	.9	.0000	.0000	.0000	.0000	.0001	.0006	.0020	.0059	.0148	.0327
	10	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0007	.0022	.0059
12	11	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0005
	1	.4596	.7176	.8578	.9313	.9683	.9862	.9943	.9918	.9992	.9998
	2	.1184	.3410	.5565	.7251	.8416	.9150	.9576	.9804	.9917	.9968
	3	.0196	.1109	.2642	.4417	.6093	.7472	.8487	.9166	.9579	.9807
	4	.0022	.0256	.0922	.2054	.3512	.5015	.6553	.7747	.8655	.9270
	5	.0002	.0043	.0239	.0726	.1576	.2763	.4161	.5618	.6956	.8062
	6	.0000	.0005	.0045	.0194	.0544	.1178	.2127	.3348	.4131	.6128
	7	.0000	.0001	.0001	.0039	.0143	.0386	.0846	.1582	.2601	.3872
	8	.0000	.0000	.0001	.0006	.0028	.0095	.0255	.0573	.1117	.1938
	9	.0000	.0000	.0000	.0001	.0004	.0011	.0056	.0153	.0356	.0730
13	10	.0000	.0000	.0000	.0000	.0000	.0002	.0008	.0028	.0019	.0193
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0011	.0032
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002
	1	.4861	.7458	.8791	.9450	.9762	.9903	.9963	.9987	.9996	.9999
	2	.1354	.3781	.6017	.7664	.8733	.9363	.9704	.9874	.9951	.9983
	3	.0245	.1339	.2704	.4983	.6674	.7975	.8868	.9421	.9131	.9888
	4	.0031	.0342	.0961	.2527	.4157	.5794	.7211	.8314	.9011	.9539
	5	.0003	.0065	.0260	.0991	.2060	.3457	.4995	.6470	.7121	.8668
	6	.0000	.0009	.0053	.0300	.0802	.1654	.2841	.4256	.5732	.7095
	7	.0000	.0001	.0013	.0070	.0243	.0624	.1295	.2288	.3563	.5000
13	8	.0000	.0000	.0002	.0012	.0056	.0182	.0462	.0977	.1188	.2905
	9	.0000	.0000	.0000	.0002	.0010	.0040	.0126	.0321	.0698	.1334
	10	.0000	.0000	.0000	.0000	.0001	.0007	.0025	.0078	.0203	.0461
	11	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0013	.0041	.0112
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0011
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001

		π									
n	x	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
14	1	.5123	.7712	.8972	.9560	.9822	.9932	.9976	.9992	.9998	.9999
	2	.1530	.4154	.6433	.8021	.8990	.9525	.9795	.9919	.9971	.9991
	3	.0301	.1584	.3521	.5519	.7189	.8392	.9161	.9602	.9830	.9935
	4	.0042	.0441	.1465	.3018	.4787	.6448	.7795	.8757	.9368	.9713
	5	.0004	.0092	.0467	.1298	.2585	.4158	.5773	.7207	.8328	.9102
	6	.0000	.0015	.0115	.0439	.1117	.2195	.3595	.5141	.6627	.7880
	7	.0000	.0002	.0022	.0116	.0383	.0933	.1836	.3075	.4539	.6047
	8	.0000	.0000	.0003	.0024	.0103	.0316	.0753	.1501	.2686	.3953
	9	.0000	.0000	.0000	.0004	.0022	.0083	.0243	.0583	.1189	.2120
	10	.0000	.0000	.0000	.0000	.0003	.0017	.0060	.0176	.0426	.0898
	11	.0000	.0000	.0000	.0000	.0000	.0002	.0011	.0039	.0114	.0287
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0006	.0022	.0065
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0009
	14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
15	1	.5367	.7941	.9126	.9648	.9866	.9953	.9984	.9995	.9999	.0000
	2	.1710	.4510	.6814	.8329	.9198	.9647	.9858	.9948	.9983	.9995
	3	.0362	.1841	.3958	.6020	.7639	.8732	.9383	.9729	.9893	.9963
	4	.0055	.0556	.1773	.3518	.5387	.7031	.8273	.9095	.9576	.9824
	5	.0006	.0127	.0617	.1642	.3135	.4845	.6481	.7827	.8796	.9408
	6	.0001	.0022	.0168	.0611	.1484	.2784	.4357	.5968	.7392	.8491
	7	.0000	.0003	.0036	.0181	.0566	.1311	.2452	.3902	.5478	.6964
	8	.0000	.0000	.0006	.0042	.0173	.0500	.1132	.2131	.3465	.5000
	9	.0000	.0000	.0001	.0008	.0042	.0152	.0422	.0950	.1818	.3036
	10	.0000	.0000	.0000	.0001	.0008	.0037	.0124	.0338	.0769	.1509
	11	.0000	.0000	.0000	.0000	.0001	.0007	.0028	.0093	.0256	.0592
	12	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0019	.0063	.0176
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0011	.0037
	14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

**TABLO 9 TEK ÖRNEKLEM RUN TESTİ İÇİN KRİTİK DEĞERLER
TABLOSU**

İki yanlı 0,05 ve tek yanlı 0,025 kritik tablo değerleri listelenmiştir.

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

**TABLO 10 MANN-WHITNEY U İSTATİSTİĞİ İÇİN KRİTİK DEĞERLER
TABLOSU**

İki yanlı ,05 değerler

n_1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
n_2																				
1																				
2								0	0	0	0	1	1	1	1	1	2	2	2	2
3					0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
4				0	1	2	3	4	4	5	6	7	8	9	10	11	11	12	13	13
5			0	1	2	3	5	6	7	8	9	11	12	13	14	15	17	18	19	20
6			1	2	3	5	6	8	10	11	13	14	16	17	19	21	22	24	25	27
7			1	3	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34
8		0	2	4	6	8	10	13	15	17	19	22	24	26	29	31	34	36	38	41
9		0	2	4	7	10	12	15	17	20	23	26	28	31	34	37	39	42	45	48
10		0	3	5	8	11	14	17	20	23	26	29	33	36	39	42	45	48	52	55
11		0	3	6	9	13	16	19	23	26	30	33	37	40	44	47	51	55	58	62
12		1	4	7	11	14	18	22	26	29	33	37	41	45	49	53	57	61	65	69
13		1	4	8	12	16	20	24	28	33	37	41	45	50	54	59	63	67	72	76
14		1	5	9	13	17	22	26	31	36	40	45	50	55	59	64	67	74	78	83
15		1	5	10	14	19	24	29	34	39	44	49	54	59	64	70	75	80	85	90
16		1	6	11	15	21	26	31	37	42	47	53	59	64	70	75	81	86	92	98
17		2	6	11	17	22	28	34	39	45	51	57	63	67	75	81	87	93	99	105
18		2	7	12	18	24	30	36	42	48	55	61	67	74	80	86	93	99	106	112
19		2	7	13	19	25	32	38	45	52	58	65	72	78	85	92	99	106	113	119
20		2	8	13	20	27	34	41	48	55	62	69	76	83	90	98	105	112	119	127

Tek yanlı ,05 değerler

n_1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
n_2																				
1																			0	0
2					0	0	0	1	1	1	1	2	2	2	3	3	3	4	4	4
3			0	0	1	2	2	3	3	4	5	5	6	7	7	8	9	9	10	11
4			0	1	2	3	4	5	6	7	8	9	10	11	12	14	15	16	17	18
5		0	1	2	4	5	6	8	9	11	12	13	15	16	18	19	20	22	23	25
6		0	2	3	5	7	8	10	12	14	16	17	19	21	23	25	26	28	30	32
7		0	2	4	6	8	11	13	15	17	19	21	24	26	28	30	33	35	37	39
8		1	3	5	8	10	13	15	18	20	23	26	28	31	33	36	39	41	44	47
9		1	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54
10		1	4	7	11	14	17	20	24	27	31	34	37	41	44	48	51	55	58	62
11		1	5	8	12	16	19	23	27	31	34	38	42	46	50	54	57	61	65	69
12		2	5	9	13	17	21	26	30	34	38	42	47	51	55	60	64	68	72	77
13		2	6	10	15	19	24	28	33	37	42	47	51	56	61	65	70	75	80	84
14		2	7	11	16	21	26	31	36	41	46	51	56	61	66	71	77	82	87	92
15		3	7	12	18	23	28	33	39	44	50	55	61	66	72	77	83	88	94	100
16		3	8	14	19	25	30	36	42	48	54	60	65	71	77	83	89	95	101	107
17		3	9	15	20	26	33	39	45	51	57	64	70	77	83	89	96	102	109	115
18		4	9	16	22	28	35	41	48	55	61	68	75	82	88	95	102	109	116	123
19	0	4	10	17	23	30	37	44	51	58	65	72	80	87	94	101	109	116	123	130
20	0	4	11	18	25	32	39	47	54	62	69	77	84	92	100	107	115	123	130	138

İki yanlı .01 değerler

n_1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
n_2																				
1																				
2																			0	0
3									0	0	0	1	1	1	2	2	2	2	3	3
4						0	0	1	1	2	2	3	3	4	5	5	6	6	7	8
5					0	1	1	2	3	4	5	6	7	7	8	9	10	11	12	13
6			0	1	2	3	4	5	6	7	9	10	11	12	13	15	16	17	18	
7			0	1	3	4	6	7	9	10	12	13	15	16	18	19	21	22	24	
8			1	2	4	6	7	9	11	13	15	17	18	20	22	24	26	28	30	
9		0	1	3	5	7	9	11	13	16	18	20	22	24	27	29	31	33	36	
10		0	2	4	6	9	11	13	16	18	21	24	26	29	31	34	37	39	42	
11		0	2	5	7	10	13	16	18	21	24	27	30	33	36	39	42	45	48	
12		1	3	6	9	12	15	18	21	24	27	31	34	37	41	44	47	51	54	
13		1	3	7	10	13	17	20	24	27	31	34	38	42	45	49	53	56	60	
14		1	4	7	11	15	18	22	26	30	34	38	42	46	50	54	58	63	67	
15		2	5	8	12	16	20	24	29	33	37	42	46	51	55	60	64	69	73	
16		2	5	9	13	18	22	27	31	36	41	45	50	55	60	65	70	74	79	
17		2	6	10	15	19	24	29	34	39	44	49	54	60	65	70	75	81	86	
18		2	6	11	16	21	26	31	37	42	47	53	58	64	70	75	81	87	92	
19	0	3	7	12	17	22	28	33	39	45	51	56	63	69	74	81	87	93	99	
20	0	3	8	13	18	24	30	36	42	48	54	60	67	73	79	86	92	99	105	

Tek yanlı 0.01 Değerler

n_1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
n_2																				
1																				
2													0	0	0	0	0	0	1	1
3							0	0	1	1	1	2	2	2	3	3	4	4	4	5
4				0	1	1	2	3	3	4	5	5	6	7	7	8	9	9	10	
5			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
6			1	2	3	4	6	7	8	9	11	12	13	15	16	18	19	20	22	
7		0	1	3	4	6	7	9	11	12	14	16	17	19	21	23	24	26	28	
8		0	2	4	6	7	9	11	13	15	17	20	22	24	26	28	30	32	34	
9		1	3	5	7	9	11	14	16	18	21	23	26	28	31	33	36	38	40	
10		1	3	6	8	11	13	16	19	22	24	27	30	33	36	38	41	44	47	
11		1	4	7	9	12	15	18	22	25	28	31	34	37	41	44	47	50	53	
12		2	5	8	11	14	17	21	24	28	31	35	38	42	46	49	53	56	60	
13	0	2	5	9	12	16	20	23	27	31	35	39	43	47	51	55	59	63	67	
14	0	2	6	10	13	17	22	26	30	34	38	43	47	51	56	60	65	69	73	
15	0	3	7	11	15	19	24	28	33	37	42	47	51	56	61	66	70	75	80	
16	0	3	7	12	16	21	26	31	36	41	46	51	56	61	66	71	76	82	87	
17	0	4	8	13	18	23	28	33	38	44	49	55	60	66	71	77	82	88	93	
18	0	4	9	14	19	24	30	36	41	47	53	59	65	70	76	82	88	94	100	
19	1	4	9	15	20	26	32	38	44	50	56	63	69	75	82	88	94	101	107	
20	1	5	10	16	22	28	34	40	47	53	60	67	73	80	87	93	100	107	114	

**TABLO 11 İKİ BAĞIMSIZ ÖRNEKLEM İLE KOLMOGOROV-SMİRNOV
TEST İSTATİSTİĞİ İÇİN KRİTİK DEĞERLER TABLOSU**

n_1	n_2	Tek yanlı	.10	.05	.025	.01	.005
		İki yanlı	.20	.10	.05	.02	.01
3	3		.667	.667			
3	4		.750	.750			
3	5		.667	.800	.800		
3	6		.667	.667	.833		
3	7		.667	.714	.857	.857	
3	8		.625	.750	.750	.875	
3	9		.667	.667	.778	.889	.889
3	10		.600	.700	.800	.900	.900
3	12		.583	.667	.750	.833	.917
4	4		.750	.750	.750		
4	5		.600	.750	.800	.800	
4	6		.583	.667	.750	.833	.833
4	7		.607	.714	.750	.857	.857
4	8		.625	.625	.750	.875	.875
4	9		.556	.667	.750	.778	.889
4	10		.550	.650	.700	.800	.800
4	12		.583	.667	.667	.750	.833
4	16		.563	.625	.688	.750	.812
5	5		.600	.600	.800	.800	.800
5	6		.600	.667	.667	.833	.833
5	7		.571	.657	.714	.829	.857
5	8		.550	.625	.675	.800	.800
5	9		.556	.600	.689	.778	.800
5	10		.500	.600	.700	.700	.800
5	15		.533	.600	.667	.733	.733
5	20		.500	.550	.600	.700	.750
6	6		.500	.667	.667	.833	.833
6	7		.548	.571	.690	.714	.833
6	8		.500	.583	.667	.750	.750
6	9		.500	.556	.667	.722	.778
6	10		.500	.567	.633	.700	.733
6	12		.500	.583	.583	.667	.750
6	18		.444	.556	.611	.667	.722
6	24		.458	.500	.583	.625	.667
7	7		.571	.571	.714	.714	.714
7	8		.482	.589	.625	.732	.750
7	9		.492	.556	.635	.714	.746
7	10		.471	.557	.614	.700	.714
7	14		.429	.500	.571	.643	.714
7	28		.429	.464	.536	.607	.643
8	8		.500	.500	.625	.625	.750
8	9		.444	.542	.625	.667	.750
8	10		.475	.525	.575	.675	.700
8	12		.458	.500	.583	.625	.667
8	16		.438	.500	.563	.625	.625
8	32		.406	.438	.500	.563	.594

		Tek yanlı	.10	.05	.025	.01	.005
		İki yanlı	.20	.10	.05	.02	.01
n_1	n_2						
9	9	.444	.556	.556	.667	.667	
9	10	.467	.500	.578	.667	.689	
9	12	.444	.500	.556	.611	.667	
9	15	.422	.489	.533	.600	.644	
9	18	.389	.444	.500	.556	.611	
9	36	.361	.417	.472	.528	.556	
10	10	.400	.500	.600	.600	.700	
10	15	.400	.467	.500	.567	.633	
10	20	.400	.450	.500	.550	.600	
10	40	.350	.400	.450	.500	.576	
11	11	.454	.454	.545	.636	.636	
12	12	.417	.417	.500	.583	.583	
12	15	.383	.450	.500	.550	.583	
12	16	.375	.438	.479	.542	.583	
12	18	.361	.417	.472	.528	.556	
12	20	.367	.417	.467	.517	.567	
13	13	.385	.462	.462	.538	.615	
14	14	.357	.429	.500	.500	.571	
15	15	.333	.400	.467	.467	.533	
16	16	.375	.375	.438	.500	.563	
17	17	.353	.412	.412	.471	.529	
18	18	.333	.389	.444	.500	.500	
19	19	.316	.368	.421	.473	.473	
20	20	.300	.350	.400	.450	.500	
21	21	.286	.333	.381	.429	.476	
22	22	.318	.364	.364	.454	.454	
23	23	.304	.348	.391	.435	.435	
24	24	.292	.333	.375	.417	.458	
25	25	.280	.320	.360	.400	.440	
Diğer bütün büyük örneklem için		1.07K	1.22K	1.36K	1,52K	1.63K	

Burada
$$K = \sqrt{\frac{n_1 + n_2}{n_1 n_2}}$$

T9 $p = \frac{1}{2}$ iken Binom olasılıklarının dağılımı

$$f(k) = \binom{n}{k} \left(\frac{1}{2}\right)^k \left(1 - \frac{1}{2}\right)^{n-k} \quad k = 0, 1, \dots, n$$

n=1		n=7		n=10		n=13		n=15	
k	P(k)	k	P(k)	k	P(k)	k	P(k)	k	P(k)
0	0.5000	0	0.0078	6	0.2051	3	0.0349	10	0.0916
1	0.5000	1	0.0547	7	0.1172	4	0.0873	11	0.0417
n=2		2	0.1641	8	0.0439	5	0.1571	12	0.0139
k	P(k)	3	0.2734	9	0.0098	6	0.2095	13	0.0032
0	0.2500	4	0.2734	10	0.0010	7	0.2095	14	0.0005
1	0.5000	5	0.1641	n=11		8	0.1571	15	0.0000
2	0.2500	6	0.0547	k	P(k)	9	0.0873	n=16	
n=3		7	0.0078	0	0.0005	10	0.0349	k	P(k)
k	P(k)	n=8		1	0.0054	11	0.0095	0	0.0000
0	0.1250	k	P(k)	2	0.0269	12	0.0016	1	0.0002
1	0.3750	0	0.0039	3	0.0806	13	0.0001	2	0.0018
2	0.3750	1	0.0313	4	0.1611	n=14		3	0.0085
3	0.1250	2	0.1094	5	0.2256	k	P(k)	4	0.0278
n=4		3	0.2188	6	0.2256	0	0.0001	5	0.0667
k	P(k)	4	0.2734	7	0.1611	1	0.0009	6	0.1222
0	0.0625	5	0.2188	8	0.0806	2	0.0056	7	0.1746
1	0.2500	6	0.1094	9	0.0269	3	0.0222	8	0.1964
2	0.3750	7	0.0313	10	0.0054	4	0.0611	9	0.1746
3	0.2500	8	0.0039	11	0.0005	5	0.1222	10	0.1222
4	0.0625	n=9		n=12		6	0.1833	11	0.0667
n=5		k	P(k)	k	P(k)	7	0.2095	12	0.0278
k	P(k)	0	0.0020	0	0.0002	8	0.1833	13	0.0085
0	0.0312	1	0.0176	1	0.0029	9	0.1222	14	0.0018
1	0.1562	2	0.0703	2	0.0161	10	0.0611	15	0.0002
2	0.3125	3	0.1641	3	0.0537	11	0.0222	16	0.0000
3	0.3125	4	0.2461	4	0.1208	12	0.0056	n=17	
4	0.1562	5	0.2461	5	0.1934	13	0.0009	k	P(k)
5	0.0312	6	0.1641	6	0.2256	14	0.0001	0	0.0000
n=6		7	0.0703	7	0.1934	n=15		1	0.0001
k	P(k)	8	0.0176	8	0.1208	k	P(k)	2	0.0010
0	0.0156	9	0.0020	9	0.0537	0	0.0000	3	0.0052
1	0.0938	n=10		10	0.0161	1	0.0005	4	0.0182
2	0.2344	k	P(k)	11	0.0029	2	0.0032	5	0.0472
3	0.3125	0	0.0010	12	0.0002	3	0.0139	6	0.0944
4	0.2344	1	0.0098	n=13		4	0.0417	7	0.1484
5	0.0938	2	0.0439	k	P(k)	5	0.0916	8	0.1855
6	0.0156	3	0.1172	0	0.0001	6	0.1527	9	0.1855
		4	0.2051	1	0.0016	7	0.1964	10	0.1484
		5	0.2461	2	0.0095	8	0.1964	11	0.0944
						9	0.1527	12	0.0472

$$\text{T9 } p = \frac{1}{2}$$
[illegible]