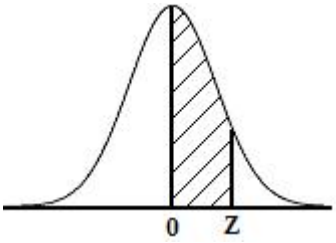
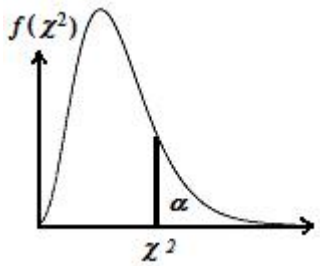
Standart Normal Dağılım Eğrisi Altında Kalan Alanlar



z	,00	,01	,02	,03	,04	,05	,06	,07	,08	,09
0,0	,0000	,0040	,0080	,0120	,0160	,0199	,0239	,0279	,0319	,0359
0,1	,0398	,0438	,0478	,0517	,0557	,0596	,0636	,0675	,0714	,0753
0,2	,0793	,0832	,0871	,0910	,0948	,0987	,1026	,1064	,1103	,1141
0,3	,1179	,1217	,1255	,1293	,1331	,1368	,1406	,1443	,1480	,1517
0,4	,1554	,1591	,1628	,1664	,1700	,1736	,1772	,1808	,1844	,1879
0,5	,1915	,1950	,1985	,2019	,2054	,2088	,2123	,2157	,2190	,2224
0,6	,2257	,2291	,2324	,2357	,2389	,2422	,2454	,2486	,2517	,2549
0,7	,2580	,2611	,2642	,2673	,2704	,2734	,2764	,2794	,2823	,2852
0,8	,2881	,2910	,2939	,2967	,2995	,3023	,3051	,3078	,3106	,3133
0,9	,3159	,3186	,3212	,3238	,3264	,3289	,3315	,3340	,3365	,3389
1,0	,3413	,3438	,3461	,3485	,3508	,3531	,3554	,3577	,3599	,3621
1,1	,3643	,3665	,3686	,3708	,3729	,3749	,3770	,3790	,3810	,3830
1,2	,3849	,3869	,3888	,3907	,3925	,3944	,3962	,3980	,3997	,4015
1,3	,4032	,4049	,4066	,4082	,4099	,4115	,4131	,4147	,4162	,4177
1,4	,4192	,4207	,4222	,4236	,4251	,4265	,4279	,4292	,4306	,4319
1,5	,4332	,4345	,4357	,4370	,4382	,4394	,4406	,4418	,4429	,4441
1,6	,4452	,4463	,4474	,4484	,4495	,4505	,4515	,4525	,4535	,4545
1,7	,4554	,4564	,4573	,4582	,4591	,4599	,4608	,4616	,4625	,4633
1,8	,4641	,4649	,4656	,4664	,4671	,4678	,4686	,4693	,4699	,4706
1,9	,4713	,4719	,4726	,4732	,4738	,4744	,4750	,4756	,4761	,4767
2,0	,4772	,4778	,4783	,4788	,4793	,4798	,4803	,4808	,4812	,4817
2,1	,4821	,4826	,4830	,4834	,4838	,4842	,4846	,4850	,4854	,4857
2,2	,4861	,4864	,4868	,4871	,4875	,4878	,4881	,4884	,4887	,4890
2,3	,4893	,4896	,4898	,4901	,4904	,4906	,4909	,4911	,4913	,4916
2,4	,4918	,4920	,4922	,4925	,4927	,4929	,4931	,4932	,4934	,4936
2,5	,4938	,4940	,4941	,4943	,4945	,4946	,4948	,4949	,4951	,4952
2,6	,4953	,4955	,4956	,4957	,4959	,4960	,4961	,4962	,4963	,4964
2,7	,4965	,4966	,4967	,4968	,4969	,4970	,4971	,4972	,4973	,4974
2,8	,4974	,4975	,4976	,4977	,4977	,4978	,4979	,4979	,4980	,4981
2,9	,4981	,4982	,4982	,4983	,4984	,4984	,4985	,4985	,4986	,4986
3,0	,4987	,4987	,4987	,4988	,4988	,4989	,4989	,4989	,4990	,4990
3,1	,4990	,4991	,4991	,4991	,4992	,4992	,4992	,4992	,4993	,4993
3,2	,4993	,4993	,4994	,4994	,4994	,4994	,4994	,4995	,4995	,4995
3,3	,4995	,4995	,4995	,4996	,4996	,4996	,4996	,4996	,4996	,4997
3,4	,4997	,4997	,4997	,4997	,4997	,4997	,4997	,4997	,4997	,4998
3,5	,4998	,4998	,4998	,4998	,4998	,4998	,4998	,4998	,4998	,4998
3,6	,4998	,4998	,4999	,4999	,4999	,4999	,4999	,4999	,4999	,4999
3,7	,4999	,4999	,4999	,4999	,4999	,4999	,4999	,4999	,4999	,4999
3,8	,4999	,4999	,4999	,4999	,4999	,4999	,4999	,4999	,4999	,4999



χ^2 'nin Kritik Değerleri

sd	0,995	0,990	0,975	0,950	0,900	0,100	0,050	0,025	0,010	0,005
1	0,00004	0,00016	0,00098	0,00393	0,01579	2,70554	3,84146	5,02389	6,63490	7,87944
2	0,01003	0,02010	0,05064	0,10259	0,21072	4,60517	5,99146	7,37776	9,21034	10,59664
3	0,07172	0,11483	0,21580	0,35185	0,58437	6,25139	7,81473	9,34840	11,34487	12,83816
4	0,20699	0,29711	0,48442	0,71072	1,06362	7,77944	9,48773	11,14329	13,27670	14,86026
5	0,41174	0,55430	0,83121	1,14548	1,61031	9,23636	11,07050	12,83250	15,08627	16,74960
6	0,67573	0,87209	1,23734	1,63538	2,20413	10,64464	12,59159	14,44938	16,81189	18,54758
7	0,98926	1,23904	1,68987	2,16735	2,83311	12,01704	14,06714	16,01277	18,47531	20,27774
8	1,34441	1,64650	2,17973	2,73264	3,48954	13,36157	15,50731	17,53455	20,09023	21,95495
9	1,73493	2,08790	2,70039	3,32511	4,16816	14,68366	16,91898	19,02277	21,66599	23,58935
10	2,15586	2,55821	3,24697	3,94030	4,86518	15,98718	18,30704	20,48318	23,20925	25,18817
11	2,60322	3,05348	3,81575	4,57481	5,57778	17,27501	19,67514	21,92005	24,72497	26,75685
12	3,07382	3,57057	4,40379	5,22603	6,30380	18,54935	21,02607	23,33666	26,21697	28,29952
13	3,56503	4,10692	5,00875	5,89186	7,04150	19,81193	22,36203	24,73560	27,68825	29,81947
14	4,07467	4,66042	5,62873	6,57063	7,78953	21,06414	23,68479	26,11895	29,14124	31,31935
15	4,60092	5,22935	6,26214	7,26094	8,54676	22,30713	24,99579	27,48839	30,57791	32,80132
16	5,14220	5,81221	6,90766	7,96165	9,31224	23,54183	26,29623	28,84535	31,99993	34,26718
17	5,69722	6,40776	7,56419	8,67176	10,08519	24,76904	27,58711	30,19101	33,40866	35,71846
18	6,26481	7,01491	8,23075	9,39046	10,86494	25,98942	28,86930	31,52638	34,80531	37,15645
19	6,84397	7,63273	8,90652	10,11701	11,65091	27,20357	30,14353	32,85233	36,19087	38,58226
20	7,43384	8,26040	9,59078	10,85081	12,44261	28,41198	31,41043	34,16961	37,56624	39,99684
21	8,03365	8,89720	10,28290	11,59131	13,23960	29,61509	32,67057	35,47888	38,93217	41,40107
22	8,64272	9,54249	10,98232	12,33801	14,04149	30,81328	33,92444	36,78071	40,28936	42,79565
23	9,26042	10,19572	11,68855	13,09051	14,84796	32,00690	35,17246	38,07563	41,63840	44,18128
24	9,88623	10,85636	12,40115	13,84842	15,65868	33,19624	36,41503	39,36408	42,97982	45,55851
25	10,51965	11,52398	13,11972	14,61141	16,47341	34,38159	37,65248	40,64647	44,31411	46,92789
26	11,16024	12,19815	13,84391	15,37916	17,29188	35,56317	38,88514	41,92317	45,64168	48,28988
27	11,80759	12,87850	14,57338	16,15140	18,11390	36,74122	40,11327	43,19451	46,96294	49,64491
28	12,46133	13,56471	15,30786	16,92787	18,93924	37,91592	41,33714	44,46079	48,27824	50,99338
29	13,12115	14,25645	16,04707	17,70837	19,76774	39,08747	42,55697	45,72229	49,58788	52,33561
30	13,78672	14,95345	16,79077	18,49266	20,59923	40,25602	43,77297	46,97924	50,89218	53,67197
40	20,70654	22,16426	24,43304	26,50930	29,05052	51,80506	55,75848	59,34171	63,69074	66,76597
50	27,99075	29,70668	32,35736	34,76425	37,68865	63,16712	67,50481	71,42019	76,15389	79,48998
60	35,53449	37,48485	40,48175	43,18796	46,45889	74,39701	79,08195	83,29768	88,37942	91,95170
70	43,27518	45,44172	48,75756	51,73928	55,32894	85,52704	90,53123	95,02319	100,42518	104,21490
80	51,17193	53,54008	57,15317	60,39148	64,27784	96,57820	101,87947	106,62857	112,32879	116,32106
90	59,19631	61,75408	65,64662	69,12603	73,29109	107,56501	113,14527	118,13589	124,11632	128,29895
100	67,32756	70,06489	74,22193	77,92947	82,35814	118,49800	124,34211	129,56120	135,80673	140,16949

Table A.5 Lower critical values of r in the runs test

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

Source: Frieda S. Swed and C. Eisenhart, "Tables for Testing Randomness of Grouping in a Sequence of Alternatives," *Ann. Math. Statist.*, 14 (1943), 66–87

Note: For the one-sample runs test, any value of r that is equal to or smaller than that shown in the body of this table for given value of n_1 and n_2 is significant at the 0.05 level.

Table A.6 Upper critical values of r in the runs test

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

Source: Frieda S. Swed and C. Eisenhart, "Tables for Testing Randomness of Grouping in a Sequence of Alternatives," *Ann. Math. Statist.*, 14 (1943), 66–87

Note: For the one-sample runs test, any value of r that is equal to or smaller than that shown in the body of this table for given values of n_1 and n_2 is significant at the 0.05 level.

T10 Wilcoxon işaretli sıra sayıları testi için d değerleri

$$P(T^+ \leq d) = p$$

n	d	p	n	d	p	n	d	p
3	0	0.1250	10	3	0.0049	14	12	0.0043
	1	0.2500		4	0.0068		13	0.0054
4	0	0.0625		5	0.0098		15	0.0083
	1	0.1250		6	0.0137		16	0.0101
	2	0.1875		8	0.0244		21	0.0247
5	0	0.0313		9	0.0322		22	0.0290
	1	0.0625		10	0.0420		25	0.0453
	2	0.0938		11	0.0527		26	0.0520
	3	0.1563		14	0.0967		31	0.0969
				15	0.1162		32	0.1083
6	0	0.0156	11	5	0.0049	15	15	0.0042
	1	0.0313		6	0.0068		16	0.0051
	2	0.0469		7	0.0093		19	0.0090
	3	0.0781		8	0.0122		20	0.0108
	4	0.1091		10	0.0210		25	0.0240
7	0	0.0078		11	0.0269		26	0.0277
	1	0.0156		13	0.0415		30	0.0473
	2	0.0234		14	0.0508		31	0.0535
	3	0.0391		17	0.0874		36	0.0938
	4	0.0547		18	0.1030		37	0.1039
	5	0.0781						
	6	0.1094						
8	0	0.0039	12	7	0.0046	16	19	0.0046
	1	0.0078		8	0.0061		20	0.0055
	2	0.0117		9	0.0081		23	0.0091
	3	0.0195		10	0.0105		24	0.0107
	4	0.0273		13	0.0212		29	0.0222
	5	0.0391		14	0.0261		30	0.0253
	6	0.0547		17	0.0461		35	0.0467
	7	0.0742		18	0.0549		36	0.0523
	8	0.0977		21	0.0881		42	0.0964
	9	0.1250		22	0.1018		43	0.1057
9	1	0.0039	13	9	0.0040	17	23	0.0047
	2	0.0059		10	0.0052		24	0.0055
	3	0.0098		12	0.0085		27	0.0087
	4	0.0137		13	0.0107		28	0.0101
	5	0.0195		17	0.0239		34	0.0224
	6	0.0273		18	0.0287		35	0.0253
	8	0.0488		21	0.0471		41	0.0492
	9	0.0645		22	0.0549		42	0.0511
	10	0.0820		26	0.0955		48	0.0950
	11	0.1016		27	0.1082		49	0.1034

T10 Wilcoxon işaretli sıra sayıları testi için d değerleri (devam)

n	d	p	n	d	p	n	d	p
18	27	0.0045	22	48	0.0046	26	75	0.0047
	28	0.0052		49	0.0052		76	0.0051
	32	0.0091		55	0.0095		84	0.0095
	33	0.0104		56	0.0104		85	0.0102
	40	0.0211		65	0.0231		98	0.0247
	41	0.0269		66	0.0250		99	0.0263
	47	0.0491		75	0.0492		110	0.0497
	48	0.0542		76	0.0527		111	0.0524
	55	0.0982		86	0.0991		124	0.0994
	56	0.1061		87	0.1057		125	0.1039
19	32	0.0047	23	54	0.0046	27	83	0.0048
	33	0.0054		55	0.0051		84	0.0052
	37	0.0090		62	0.0098		92	0.0093
	38	0.0102		63	0.0107		93	0.0100
	46	0.0247		73	0.0242		107	0.0246
	47	0.0273		74	0.0261		108	0.0260
	53	0.0478		83	0.0490		119	0.0477
	54	0.0521		84	0.0523		120	0.0502
	62	0.0978		94	0.0948		134	0.0968
	63	0.1051		95	0.1001		135	0.1010
20	37	0.0047	24	61	0.0048	28	91	0.0046
	38	0.0053		62	0.0053		92	0.0051
	43	0.0096		69	0.0097		101	0.0096
	44	0.0107		70	0.0107		102	0.0102
	52	0.0242		81	0.0245		116	0.0239
	53	0.0266		82	0.0263		117	0.0252
	60	0.0487		91	0.0475		130	0.0496
	61	0.0527		92	0.0537		131	0.0521
	69	0.0947		104	0.0987		145	0.0968
	70	0.1012		105	0.1038		146	0.1008
21	42	0.0045	25	68	0.0048	29	100	0.0049
	43	0.0051		69	0.0053		101	0.0051
	49	0.0097		76	0.0094		110	0.0095
	50	0.0108		77	0.0101		111	0.0101
	58	0.0230		89	0.0241		126	0.0240
	59	0.0251		90	0.0258		127	0.0253
	67	0.0479		100	0.0479		140	0.0482
	68	0.0516		101	0.0507		141	0.0504
	77	0.0953		113	0.0954		157	0.0988
	78	0.1015		114	0.1001		158	0.1027

Quantiles of the Mann-Whitney test statistic

		n2																		
n1	**alfa**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
2	**0,001**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0,005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	0,01	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2
	0,025	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	3	3	3	3
	0,05	0	0	1		1	1	2	2	2	2	3	3	4	4	4	4	5	5	5
	0,1	0	1	1	2	2	2	3	3	4	4	5	5	5	6	6	7	7	8	8
3	**0,001**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	0,005	0	0	0	0	0	0	0	1	1	1	2	2	2	3	3	3	3	4	4
	0,01	0	0	0	0	0	1	1	2	2	2	3	3	3	4	4	5	5	5	6
	0,025	0	0	0	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9
	0,05	0	1	1	2	3	3	4	5	5	6	6	7	8	8	9	10	10	11	12
	0,1	1	2	2	3	4	5	6	6	7	8	9	10	11	11	12	13	14	15	16
4	**0,001**	0	0	0	0	0	0	0	0	1	1	1	2	2	2	3	3	4	4	4
	0,005	0	0	0	0	1	1	2	2	3	3	4	4	5	6	6	7	7	8	9
	0,01	0	0	0	1	2	2	3	4	4	5	6	6	7	9	8	9	10	10	11
	0,025	0	0	1	2	3	4	5	5	6	7	8	9	10	11	12	12	13	14	15
	0,05	0	1	2	3	4	5	6	7	8	9	10	11	12	13	15	16	17	18	19
	0,1	1	2	4	5	6	7	8	10	11	12	13	14	16	17	18	19	21	22	23
5	**0,001**	0	0	0	0	0	0	1	2	2	3	3	4	4	5	6	6	7	8	8
	0,005	0	0	0	1	2	2	3	4	5	6	7	8	8	9	10	11	12	13	14
	0,01	0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	0,025	0	1	2	3	4	6	7	8	9	10	12	13	14	15	16	18	19	20	21
	0,05	1	2	3	5	6	7	9	10	12	13	14	16	17	19	20	21	23	24	26
	0,1	2	3	5	6	8	9	11	13	14	16	18	19	21	23	24	26	28	29	31
6	**0,001**	0	0	0	0	0	0	2	3	4	5	5	6	7	8	9	10	11	12	13
	0,005	0	0	1	2	3	4	5	6	7	8	10	11	12	13	14	16	17	18	19
	0,01	0	0	2	3	4	5	7	8	9	10	12	13	14	16	17	19	20	21	23
	0,025	0	2	3	4	6	7	9	11	12	14	15	17	18	20	22	23	25	26	28
	0,05	1	3	4	6	8	9	11	13	15	17	18	20	22	24	26	27	29	31	33
	0,1	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	35	37	39
7	**0,001**	0	0	0	0	1	2	3	4	6	7	8	9	10	11	12	14	15	16	17
	0,005	0	0	1	2	4	5	7	8	10	11	13	14	16	17	19	20	22	23	25
	0,01	0	1	2	4	5	7	8	10	12	13	15	17	18	20	22	24	25	27	29
	0,025	0	2	4	6	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35
	0,05	1	3	5	7	9	12	14	16	18	20	22	25	27	29	31	34	36	38	40
	0,1	2	5	7	9	12	14	17	19	22	24	27	29	32	34	37	39	42	44	47
8	**0,001**	0	0	0	1	2	3	5	6	7	9	10	12	13	15	16	18	19	21	22
	0,005	0	0	2	3	5	7	8	10	12	14	16	18	19	21	23	25	27	29	31

		n2																		
n1	**alfa**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
	0,01	0	1	3	5	7	8	10	12	14	16	18	21	23	25	27	29	31	33	35
	0,025	1	3	5	7	9	11	14	16	18	20	23	25	27	30	32	35	37	39	42
	0,05	2	4	6	9	11	14	16	19	21	24	27	29	32	34	37	40	42	45	48
	0,1	3	6	8	11	14	17	20	23	25	28	31	34	37	40	43	46	49	52	55
9	**0,001**	0	0	0	2	3	4	6	8	9	11	13	15	16	18	20	22	24	26	27
	0,005	0	1	2	4	6	8	10	12	14	17	19	21	23	25	28	30	32	34	37
	0,01	0	2	4	6	8	10	12	15	17	19	22	24	27	29	32	34	37	39	41
	0,025	1	3	5	8	11	13	16	18	21	24	27	29	32	35	38	40	43	46	49
	0,05	2	5	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52	55
	0,1	3	6	10	13	16	19	23	26	29	32	36	39	42	46	49	53	56	59	63
10	**0,001**	0	0	1	2	4	6	7	9	11	13	15	18	20	22	24	26	28	30	33
	0,005	0	1	3	5	7	10	12	14	17	19	22	25	27	30	32	35	38	40	43
	0,01	0	2	4	7	9	12	14	17	20	23	25	28	31	34	37	39	42	45	48
	0,025	1	4	6	9	12	15	18	21	24	27	30	34	37	40	43	46	49	53	56
	0,05	2	5	8	12	15	18	21	25	28	32	35	38	42	45	49	52	56	59	63
	0,1	4	7	11	14	18	22	25	29	33	37	40	44	48	52	55	59	63	67	71
11	**0,001**	0	0	1	3	5	7	9	11	13	16	18	21	23	25	28	30	33	35	38
	0,005	0	1	3	6	8	11	14	17	19	22	25	28	31	34	37	40	43	46	49
	0,01	0	2	5	8	10	13	16	19	23	26	29	32	35	38	42	45	48	51	54
	0,025	1	4	7	10	14	17	20	24	27	31	34	38	41	45	48	52	56	59	63
	0,05	2	6	9	13	17	20	24	28	32	35	39	43	47	51	55	58	62	66	70
	0,1	4	8	12	16	20	24	28	32	37	41	45	49	53	58	62	66	70	74	79
12	**0,001**	0	0	1	3	5	8	10	13	15	18	21	24	26	29	32	35	38	41	43
	0,005	0	2	4	7	10	13	16	19	22	25	28	32	35	38	42	45	48	52	55
	0,01	0	3	6	9	12	15	18	22	25	29	32	36	39	43	47	50	54	57	61
	0,025	2	5	8	12	15	19	23	27	30	34	38	42	46	50	54	58	62	66	70
	0,05	3	6	10	14	18	22	27	31	35	39	43	48	52	56	61	65	69	73	78
	0,1	5	9	13	18	22	27	31	36	40	45	50	54	59	64	68	73	78	82	87
13	**0,001**	0	0	2	4	6	9	12	15	18	21	24	27	30	33	36	39	43	46	49
	0,005	0	2	4	8	11	14	18	21	25	28	32	35	39	43	46	50	54	58	61
	0,01	1	3	6	10	13	17	21	24	28	32	36	40	44	48	52	56	60	64	68
	0,025	2	5	9	13	17	21	25	29	34	38	42	46	51	55	60	64	68	73	77
	0,05	3	7	11	16	20	25	29	34	38	43	48	52	57	62	66	71	76	81	85
	0,1	5	10	14	19	24	29	34	39	44	49	54	59	64	69	75	80	85	90	95
14	**0,001**	0	0	2	4	7	10	13	16	20	23	26	30	33	37	40	44	47	51	55
	0,005	0	2	5	8	12	16	19	23	27	31	35	39	43	47	51	55	59	64	68
	0,01	1	3	7	11	14	18	23	27	31	35	39	44	48	52	57	61	66	70	74
	0,025	2	6	10	14	18	23	27	32	37	41	46	51	56	60	65	70	75	79	84
	0,05	4	8	12	17	22	27	32	37	42	47	52	57	62	67	72	78	83	88	93
	0,1	5	11	16	21	26	32	37	42	48	53	59	64	70	75	81	86	92	98	103

		n2																		
n1	**alfa**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
15	**0,001**	0	0	2	5	8	11	15	18	22	25	29	33	37	41	44	48	52	56	60
	0,005	0	3	6	9	13	17	21	25	30	34	38	43	47	52	56	61	65	70	74
	0,01	1	4	8	12	16	20	25	29	34	38	43	48	52	57	62	67	71	76	81
	0,025	2	6	11	15	20	25	30	35	40	45	50	55	60	65	71	76	81	86	91
	0,05	4	8	13	19	24	29	34	40	45	51	56	62	67	73	78	84	89	95	101
	0,1	6	11	17	23	28	34	40	46	52	58	64	69	75	81	87	93	99	105	111
16	**0,001**	0	0	3	6	9	12	16	20	24	28	32	36	40	44	49	53	57	61	66
	0,005	0	3	6	10	14	19	23	28	32	37	42	46	51	56	61	66	71	75	80
	0,01	1	4	8	13	17	22	27	32	37	42	47	52	57	62	67	72	77	83	88
	0,025	2	7	12	16	22	27	32	38	43	48	54	60	65	71	76	82	87	93	99
	0,05	4	9	15	20	26	31	37	43	49	55	61	66	72	78	84	90	96	102	108
	0,1	6	12	18	24	30	37	43	49	55	62	68	75	81	87	94	100	107	113	120
17	**0,001**	0	1	3	6	10	14	18	22	26	30	35	39	44	48	53	58	62	67	71
	0,005	0	3	7	11	16	20	25	30	35	40	45	50	55	61	66	71	76	82	87
	0,01	1	5	9	14	19	24	29	34	39	45	50	56	61	67	72	78	83	89	94
	0,025	3	7	12	18	23	29	35	40	46	52	58	64	70	76	82	88	94	100	106
	0,05	4	10	16	21	27	34	40	46	52	58	65	71	78	84	90	97	103	110	116
	0,1	7	13	19	26	32	39	46	53	59	66	73	80	86	93	100	107	114	121	128
18	**0,001**	0	1	4	7	11	15	19	24	28	33	38	43	47	52	57	62	67	72	77
	0,005	0	3	7	12	17	22	27	32	38	43	48	54	59	65	71	76	82	88	93
	0,01	1	5	10	15	20	25	31	37	42	48	54	60	66	71	77	83	89	95	101
	0,025	3	8	13	19	25	31	37	43	49	56	62	68	75	81	87	94	100	107	113
	0,05	5	10	17	23	29	36	42	49	56	62	69	76	83	89	96	103	110	117	124
	0,1	7	14	21	28	35	42	49	56	63	70	78	85	92	99	107	114	121	129	136
19	**0,001**	0	1	4	8	12	16	21	26	30	35	41	46	51	56	61	67	72	78	83
	0,005	1	4	8	13	18	23	29	34	40	46	52	58	64	70	75	82	88	94	100
	0,01	2	5	10	16	21	27	33	39	45	51	57	64	70	76	83	89	95	102	108
	0,025	3	8	14	20	26	33	39	46	53	59	66	73	79	86	93	100	107	114	120
	0,05	5	11	18	24	31	38	45	52	59	66	73	81	88	95	102	110	117	124	131
	0,1	8	15	22	29	37	44	52	59	67	74	82	90	98	105	113	121	129	136	144
20	**0,001**	0	1	4	8	13	17	22	27	33	38	43	49	55	60	66	71	77	83	89
	0,005	1	4	9	14	19	25	31	37	43	49	55	61	68	74	80	87	93	100	106
	0,01	2	6	11	17	23	29	35	41	48	54	61	68	74	81	88	94	101	108	115
	0,025	3	9	15	21	28	35	42	49	56	63	70	77	84	91	99	106	113	120	128
	0,05	5	12	19	26	33	40	48	55	63	70	78	85	93	101	108	116	124	131	139
	0,1	8	16	23		70	47	55	63	71	79	87	95	103	111	120	128	136	144	152

Source:Adapted from L.R. Verdooren, "Extended Tables of Critical Values for Wilcoxon's Test Statistic", Biometrika, 50 (1963), 177-186; The adaptation is due to W.J. Conover, Practical Nonparametric Statistics,New York:Willey, 1971,384-388.

T14 Mood testi için m değerleri

(Belirli bir n_1 ve n_2 için mevcut olan dört satırdan ikinci ve dördüncü satırdaki değerler M istatistiğinin üstteki değere eşit veya daha küçük değerler alması olasılığıdır. Örneğin, $n_1 = 2$ ve $n_2 = 5$ iken $P(M \le 2.0) = 0.1429$ ve $P(M \le 13.0) = 0.9524$ olduğu görülmektedir.)

n_1	n_2	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
2	2						2.50	2.50	2.50	2.50	2.50
							0.8333	0.8333	0.8333	0.8333	0.8333
		0.50	0.50	0.50	0.50	0.50	4.50	4.50	4.50	4.50	4.50
		0.1667	0.1667	0.1667	0.1667	0.1667	1.0000	1.0000	1.0000	1.0000	1.0000
2	3						4.00	5.00	5.00	5.00	5.00
							0.5000	0.9000	0.9000	0.9000	0.9000
		1.00	1.00	1.00	1.00	1.00	5.00	8.00	8.00	8.00	8.00
		0.2000	0.2000	0.2000	0.2000	0.2000	0.9000	1.0000	1.0000	1.0000	1.0000
2	4					0.50	6.50	8.50	8.50	8.50	8.50
						0.0667	0.6667	0.9333	0.9333	0.9333	0.9333
		0.50	0.50	0.50	0.50	2.50	8.50	12.50	12.50	12.50	12.50
		00667	0.0667	0.0667	0.0667	0.3333	0.9333	1.0000	1.0000	1.0000	1.0000
2	5					1.00	10.00	10.00	13.00	13.00	13.00
						0.0952	0.7619	0.7619	0.9524	0.9524	0.9524
		1.00	1.00	1.00	1.00	2.00	13.00	13.00	18.00	18.00	18.00
		0.0952	0.0952	0.0952	0.0952	0.1429	0.9524	0.9524	1.0000	1.0000	1.0000
2	6				0.50	0.50	14.50	14.50	18.50	18.50	18.50
					0.0357	0.0357	0.8214	0.8214	0.9643	0.9643	0.9643
		0.50	0.50	0.50	2.50	2.50	18.50	18.50	24.50	24.50	24.50
		0.0357	0.0357	0.0357	0.1786	0.1786	0.9643	0.9643	1.0000	1.0000	1.0000
2	7					2.00	20.00	20.00	25.00	25.00	25.00
						0.0833	0.8611	0.8611	0.9722	0.9722	0.9722
		1,00	1.00	1.00	1.00	4.00	25.00	25.00	32.00	32.00	32.00
		0.0556	0.5566	0.0556	0.0556	0.1389	0.9722	0.9722	1.0000	1.0000	1.0000
2	8			0.50	0.50	0.50	26.50	26.50	26.50	32.50	32.50
				0.0222	0.0222	0.0222	0.8889	0.8889	0.8889	0.9778	0.9778
		0.50	0.50	2.50	2.50	2.50	32.50	32.50	32.50	40.50	40.50
		0.0222	0.0222	0.1111	0.1111	0.1111	0.9778	0.9778	0.9778	1.0000	1.0000
2	9					1.00	4.00	32.00	34.00	34.00	41.00	41.00
						0.0364	0.0909	0.8364	0.9091	0.9091	0.9818	0.9818
		1.00	1.00	1.00	2.00	5.00	34.00	41.00	41.00	50.00	50.00
		0.0364	0.0364	0.0364	0.0545	0.1636	0.9091	0.9818	0.9818	1.0000	1.0000
2	10			0.50	0.50	4.50	40.50	42.50	42.50	50.00	50.50
				0.0152	0.0152	0.0909	0.8636	0.9242	0.9242	0.9848	0.9848
		0.50	0.50	2.50	2.50	6.50	42.50	50.50	50.50	60.50	60.50
		0.0152	0.0152	0.0758	0.0758	0.1515	0.9242	0.9848	0.9848	1.0000	1.0000

T14 Mood testi için m değerleri (devam)

n_1	n_2	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
2	11				2.00	4.00	50.00	52.00	52.00	61.00	61.00
					0.0385	0.0641	0.8846	0.9359	0.9359	0.9872	0.9872
		1.00	1.00	1.00	4.00	5.00	52.00	61.00	61.00	72.00	72.00
		0.0256	0.0256	0.0256	0.0641	0.1154	0.9359	0.9872	0.9872	1.0000	1.0000
2	12			0.50	0.50	4.50	54.50	62.50	62.50	72.50	72.50
				0.0110	0.0110	0.0659	0.8901	0.9451	0.9451	0.9890	0.9890
		0.50	0.50	2.50	2.50	6.50	60.50	72.50	72.50	84.50	84.50
		0.0110	0.0110	0.0549	0.0549	0.1099	0.9011	0.9890	0.9890	1.0000	1.0000
2	13			1.00	4.00	8.00	61.00	72.00	74.00	74.00	85.00
				0.0190	0.0476	0.0952	0.8667	0.9143	0.9524	0.9524	0.9905
		1.00	1.00	2.00	5.00	9.00	65,00	74.00	85.00	85.00	98.00
		0.0190	0.0190	0.0286	0.0857	0.1143	0.9048	0.9524	0.9905	0.9905	1.0000
2	14		0.50	0.50	4.60	6.50	72.50	84.50	86.50	86.50	98.50
			0.0083	0.0083	0.0500	0.0833	0.8833	0.9250	0.9583	0.9583	0.9917
		0.50	2.50	2 50	6.50	8.60	76.50	86.50	98.50	98.50	112.50
		0.0083	0.0417	0.0417	0 0833	0.1167	0.9167	0.9583	0.9917	0.9917	1.0000
2	15			2.00	4.00	9.00	85.00	98.00	100.00	100.00	113.00
				0.0221	0.0368	0.0882	0.8971	0.9338	0.9632	0.9632	0.9926
		1.00	1.00	4.00	5.00	10.00	89.00	100.00	113.00	113.00	128.00
		0.0147	0.0147	0.0368	0.0662	0.1176	0.9265	0.9632	0.9926	0.9926	1.0000
2	16		0.50	0.50	4.50	8.50	92.50	112.50	114.50	114.50	128.50
			0.0065	0.0065	0.0392	0.0915	0.8824	0.9412	0.9673	0.9673	0.9935
		0.50	2.50	2.50	6.50	15.50	98.50	114.50	128.50	128.50	144.50
		0.0065	0.0327	0.0327	0.0654	0.1242	0.9085	0.9673	0.9935	0.9935	1.0000
2	17			2.00	4.00	10.00	106.00	128.00	130.00	130.00	145.00
				0.0175	0.0292	0.0936	0.8947	0.9474	0.9708	0.9708	0.9942
		1.00	1.00	4.00	5.00	13.00	113.00	130.00	145.00	145.00	162.00
		0.0117	0.0117	0.0292	0.0526	0.1170	0.9181	0.9708	0.9942	0.9942	1.0000
2	18		0.50	0.50	4.50	12.50	114.50	132.50	146.50	146.50	162.50
			0.0053	0.0053	0.0316	0.1000	0.8842	0.9474	0.9737	0.9737	0.9947
		0.50	2,50	2.50	6.50	14.50	120.50	144.50	162.50	162.50	180.50
		0.0053	0.0263	0.0263	0.0526	0.1211	0.9053	0.9526	0.9947	0.9947	1.0000
3	3					2.75	10.75	12.75	12.75	12.75	12.75
						0.1000	0.8000	0.9000	0.9000	0.9000	0.9000
		2.75	2.75	2.75	2.75	4.75	12.75	14.75	14.75	14.75	14.75
		0.1000	0.1000	0.1000	0.1000	0.2000	0.9000	1.0000	1.0000	1.0000	1.0000
3	4				2.00	2.00	18.00	19.00	19.00	19.00	19.00
					0.0286	0.0286	0.8857	0.9429	0.9429	0.9429	0.9429
		2.00	2.00	2.00	5.00	5.00	19.00	22.00	22.00	22.00	22.00
		0.0286	0.0286	0.0286	0.1429	0.1429	0.9429	1.0000	1.0000	1.0000	1.0000
3	5				2.75	4.75	20.75	24.75	26.75	26.75	26.75
					0.0357	0.0714	0.8571	0.9286	0.9643	0.9643	0.9643
		2.75	2.75	2.75	4.75	6.75	24.75	26.75	30.75	30.75	30.75
		0.0357	0.0357	0.0357	0.0714	0.1071	0.9286	0.9643	1.0000	1.0000	1.0000
3	6			2.00	2.00	8.00	29.00	33.00	34.00	36.00	36.00
				0.0119	0.0119	0.0952	0.8929	0.9286	0.9524	0.9762	09762
		2.00	2.00	500	5.00	9.00	32.00	34.00	36.00	41.00	41.00
		0.0119	0.0119	0.0595	0.0595	0.1190	0.9048	0.9524	0.9762	1.0000	1.0000
3	7			2.75	6.75	6.75	34.75	40.75	44.75	46.75	46.75
				0.0167	0.5000	0.0500	0.8500	0.9333	0.9667	0.9833	0.9833
		2.75	2.75	4.75	8.75	8.75	38.75	42.75	46.75	52.75	52.75
		0.0167	0.0167	0.0333	0.1167	0.1167	0.9167	0.9500	0.9833	1.0000	1.0000

T14 Mood testi için m değerleri (devam)

n_1	n_2	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
3	8		2.00	2.00	8.00	11.00	45.00	50.00	54.00	59.00	59.00
			0.0061	0.0061	0.0485	0.0970	0.8848	0.9394	0.9636	0.9879	0.9879
		2.00	5.00	5.00	9.00	13.00	50.00	51.00	57.00	66.00	66.00
		0.0061	0.0303	0.0303	0.0606	0.1212	0.9394	0.9515	0.9758	1.0000	1.0000
3	9		2.75	4.75	6.75	12.75	54.75	60.75	66.75	70.75	72.75
			0.0091	0.0182	0.0273	0.0909	0.8727	0.9182	0.9727	0.9818	0.9909
		2.75	4.75	6.75	8.75	14.75	56.75	62.75	70.75	72.75	80.75
		0.0091	0.0182	0.0273	0.0636	0.1364	0.9091	0.9636	0.9818	0.9909	1.0000
3	10	2.00	2.00	6.00	10.00	14.00	68.00	76.00	77.00	86.00	88.00
		0.0035	0.0035	0.0245	0.0490	0.0979	0.8986	0.9441	0.9720	0.9860	0.9930
		5.00	5.00	8.00	11.00	17.00	70.00	77.00	81.00	88.00	97.00
		0.0175	0.0175	0.0280	0.0559	0.1189	0.9266	0.9720	0.9790	0.9930	1,0000
3	11		2.75	6.75	10.75	16.75	74.75	84.75	90.75	102.75	104.75
			0.0055	0.0165	0.0440	0.0879	0.8846	0.9451	0.9560	0.9890	0.9945
		2.75	4.75	8.75	12.75	18.75	78.75	86.75	92.75	104.75	114.75
		0.0055	0.0110	0.0385	0.0549	0.1099	0.9066	0.9505	0.9780	0.9945	1.0000
3	12	2.00	2.00	9.00	13.00	20.00	89.00	99.00	107.00	114.00	121.00
		0.0022	0.0022	0.0220	0.0440	0.0945	0.8879	0.9385	0.9648	0.9868	0.9912
		5.00	5.00	10.00	14.00	21.00	90.00	101.00	110.00	121.00	123.00
		0.0110	0.0110	0.0308	0.0615	0.1121	0.9055	0.9560	0.9824	0.9912	0.9956
3	13	2.75	4.75	8.75	12.75	20.75	102.75	114.75	124.75	132.75	140.75
		0.0036	0.0071	0.0250	0.0357	0.0893	0.8893	0.9464	0.9714	0.9893	0.9929
		4.75	6.75	10.75	14.75	22.75	104.75	116.75	128.75	140.75	142.75
		0.0071	0.0107	0.0286	0.0536	0.1036	0.9071	0.9500	0.9857	0.9929	0.9964
3	14	2.00	5.00	11.00	1700	25.00	116.00	128.00	138.00	149.00	162.00
		0.0015	0.0074	0.0235	0.0500	0.0868	0.8926	0.9353	0.9735	0.9882	0.9941
		5.00	6.00	13.00	18.00	26.00	117.00	129.00	144.00	153.00	164.00
		0.0074	0.0103	0.0294	0.0544	0.1044	0.9044	0.9500	0.9765	0.9912	0.9971
3	15	4.75	6.75	12.75	18.75	26.75	132.75	146.75	156.75	164.75	174.75
		0.0049	0.0074	0.0245	0.0490	0.0907	0.8995	0.9485	0.9681	0.9804	0.9926
		6,75	8.75	14.75	20.75	28.75	134.75	148.75	158.75	170.75	184.75
		0.0074	0.0172	0.0368	0.0613	0.1005	0.9191	0.9583	0.9779	0.9902	0.9951
3	16	2.80	8.00	13.00	20.00	32.00	146.00	164.00	179.00	187.00	198.00
		0.0010	0.0083	0.0206	0.0444	0.0970	0.8937	0.9463	0.9732	0.9835	0.9938
		5.00	9.00	14.00	21.00	33.00	149.00	166.00	181.00	194.00	209.00
		0.0052	0.0103	0.0289	0.0526	0.1011	0.9102	0.9567	0.9814	0.9917	0.9959
3	17	4.75	6.75	12.75	20.75	34.75	162.75	180.75	192.75	210.75	222.75
		0.0035	0.0053	0.0175	0.0439	0.1000	0.8930	0.9421	0.9719	0.9860	0.9947
		6.75	8.75	14.75	22.75	36.75	164.75	182.75	200.75	218.75	234.75
		0.0053	0.0123	0.0263	0.0509	0.1070	0.9018	0.9509	0.9754	0.9930	0.9965
4	4			5.00	5.00	9.00	29.00	31.00	31.00	33.00	33.00
				0.0143	0.0143	0.0714	0.8714	0.9286	0.9286	0.9857	0.9857
		5.00	5.00	9.00	9.00	11.00	31.00	33.00	33.00	37.00	37.00
		0.0143	0.0143	0.0714	0.0714	0.1286	0.9286	0.9857	0.9857	1.0000	1.0000
4	5			6.00	10.00	11.00	37.00	41.00	42.00	42.00	45.00
				0.0159	0.0397	0.0556	0.8730	0.9286	0.9603	0.9603	0.9921
		6.00	6.00	9.00	11.00	14.00	38.00	42.00	45.00	45.00	50.00
		0.0159	0.0159	0.0317	0.0556	0.1190	0.9048	0.9603	0.9921	0.9921	1.0000
4	6	5.00	5.00	900	13.00	15.00	47.00	51.00	53.00	55.00	55.00
		0.0048	0.0048	0.0238	0.0476	0.0857	0.8952	0.9333	0.9571	0.9762	0.9762
		9.00	9.00	11.00	15.00	17.00	49.00	53.00	55.00	59.00	59.00
		0.0238	0.0238	0.0429	0.0857	0.1095	0.9143	0.9571	0.9762	0.9952	0.9952

T14 Mood testi için m değerleri (devam)

n_1	n_2	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
4	7		6.00	11.00	14.00	20.00	58.00	63.00	68.00	70.00	70.00
			0.0061	0.0212	0.0455	0.0909	0.8848	0.9394	0.9727	0.9848	0.9848
		6.00	9.00	14.00	15.00	21.00	59.00	66.00	70.00	75.00	75.00
		0.0061	0.0121	0.0455	0.0576	0.1152	0.9030	0.9576	0.9848	0.9970	0.9970
4	8	5.00	5.00	13.00	17.00	21.00	69.00	77.00	81.00	87.00	87.00
		0.0020	0.0020	0.0202	0.0465	0.0869	0.8970	0.9475	0.9636	0.9899	0.9899
		9.00	9.00	15.00	19.00	23.00	71.00	79.00	83.00	93.00	93.00
		0.0101	0.0101	0.0364	0.0545	0.1030	0.9051	0.9556	0.9798	0.9980	0.9980
4	9	6.00	11.00	14.00	20.00	27.00	85.00	92.00	98.00	104.00	106.00
		0.0028	0.0098	0.0210	0.0420	0.0965	0.8979	0.9497	0.9748	0.9874	0.9930
		9.00	14.00	15.00	21.00	29.00	86.00	93.00	101.00	106.00	113.00
		0.0056	0.0210	0.0266	0.0531	0.1077	0.9231	0.9552	0.9804	0.9930	0.9986
4	10	9.00	13.00	17.00	21.00	31.00	97.00	105.00	115.00	121.00	125.00
		0.0050	0.0100	0.0230	0.0430	0.0969	0.8961	0.9491	0.9740	0.9860	0.9910
		11.00	15.00	19.00	23.00	33.00	99.00	107.00	117.00	123.00	127.00
		0.0090	0.0180	0.0270	0.0509	0.1129	0.9161	0.9530	0.9820	0.9900	0.9950
4	11	10.00	11.00	20.00	26.00	35.00	113.00	125.00	134.00	143.00	148.00
		0.0037	0,0051	0.0220	0.0462	0.0967	0.8967	0.9495	0.9722	0.9897	0.9934
		11.00	14.00	21.00	27.00	36.00	114.00	126.00	135.00	146.00	150.00
		0.0051	0.0110	0.0278	0.0505	0.1011	0.9099	0.9612	0.9780	0.9927	0.9963
4	12	11.00	15.00	21.00	29.00	39.00	129.00	141,00	153.00	161.00	171.00
		0.0049	0.0099	0.0236	0.0489	0.0978	0.8962	0.9495	0.9747	0.9879	0.9945
		13.00	17.00	23.00	31.00	41.00	131.00	143.00	155.00	163.00	173.00
		0.0055	0.0126	0.0280	0.0533	0.1093	0.9159	0.9538	0.9791	0.9901	0.9951
4	13	11.00	17.00	25.00	33.00	45.00	146.00	162.00	173.00	186.00	193.00
		0.0029	0.0088	0.0227	0.0475	0.0971	0.8933	0.9496	0.9710	0.9891	0.9941
		14.00	18.00	26.00	34.00	46.00	147.00	163.00	174.00	87.00	198.00
		0.0063	0.0113	0.0265	0.0504	0.1071	0.9000	0.9529	0.9777	0.9908	0.9958
4	14	13.00	19.00	27.00	37.00	49.00	163.00	181.00	195.00	207.00	217.00
		0.0033	0.0088	0.0235	0.0477	0.0928	0.8931	0.9487	0.9739	0.9889	0.9941
		15.00	21.00	29.00	39.00	51.00	165.00	183.00	197.00	213.00	221.00
		0.0059	0.0141	0.0291	0.0582	0.1059	0.9049	0.9539	0.9755	0.9915	0.8954
4	15	15.00	21.00	29.00	41.00	56,00	183.00	202.00	218.00	234.00	245.00
		0.0049	0.0098	0.0199	0.0472	0.0993	0.8965	0.9466	0.9727	0.9892	0.9943
		17.00	22.00	30.00	42.00	57.00	185.00	203.00	219.00	235.00	247.00
		0.0054	0.0114	0.0261	0.0524	0.1045	0.9017	0.9518	0.9768	0.9902	0.9954
4	16	17.00	21.00	33.00	43.00	61.00	203.00	223.00	241.00	259.00	275.00
		0.0047	0.0089	0.0233	0.0436	0.0962	0.8933	0.9451	0.9728	0.9870	0.9946
		19,00	23.00	35.00	45.00	63.00	205.00	225.00	243.00	261.00	277.00
		0.0056	0.0105	0.0283	0.0504	0.1061	0.9028	0.9525	0.9752	0.9903	0.9955
5	5		11.25	15.25	17.25	23.25	55.25	59.25	61.25	65.25	67.25
			0.0079	0.0159	0.0317	0.0952	0.8889	0.9365	0.9683	0.9841	0.9921
		11.25	15.25	17.25	21.25	25.25	57.25	61.25	65.25	67.25	71.25
		0.0079	0.0159	0.0317	0.0635	0.1111	0.9048	0.9683	0.9841	0.9921	1.0000
5	6	10.00	10.00	19.00	24.00	27.00	69.00	75.00	76.00	83.00	84.00
		0.0022	0.0022	0.0238	0.0476	0.0758	0.8810	0.9459	0.9632	0.9870	0.9913
		15.00	15.00	20.00	25.00	30.00	70,00	76.00	79.00	84.00	86.00
		0.0108	0.0108	0.0260	0.0563	0.1104	0.9069	0.9632	0.9805	0.9913	0,9957
5	7	11.25	15.25	21.25	27.25	33.25	83.25	89.25	93.25	101.25	105.25
		0.0025	0.0051	0.0202	0.0480	0.0884	0.8990	0.9495	0.9646	0.9899	0.9949
		15.25	17.25	23.25	29.25	35.25	85.25	91.25	95.25	103.25	107.25
		0.0051	0.0101	0.0303	0.0631	0.1136	0.9167	0.9520	0.9773	0.9924	0.9975

T14 Mood testi için m değerleri (devam)

n_1	n_2	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
5	8	15.00	20.00	26.00	31.00	39.00	99.00	106.00	113.00	118.00	123.00
		0.0039	0.0093	0.0225	0.0490	0.0979	0.8974	0.9448	0.9697	0.9852	0.9938
		18.00	22.00	27.00	33.00	40.00	101.00	107.00	114.00	122.00	126.00
		0.0070	0.0124	0.0272	0.0521	0.1049	0.9068	0.9510	0.9759	0.9922	0.9953
5	9	17.25	21.25	29.25	35.25	45.25	115.25	123.25	133.25	141.25	145.25
		0.0040	0.0080	0.0250	0.0450	0.0999	0.8951	0.9411	0.9710	0.9890	0.9910
		21.25	23.25	31.25	37.25	47.25	117.25	125.25	135.25	143.25	147.25
		0.0080	0.0120	0.0300	0.0509	0.1149	0.9121	0.9500	0.9790	0.9900	0.9960
5	10	20.00	26.00	33.00	41.00	52.00	134.00	146.00	154.00	166.00	174.00
		0.0040	0.0097	0.0223	0.0456	0.0989	0.8934	0.9494	0.9724	0.9897	0.9947
		22.00	27.00	34.00	4200	53.00	135.00	147.00	155.00	168.00	175.00
		0.0053	0.0117	0.0266	0.0503	0.1002	0.9068	0.9547	0.9757	0.9923	0.9973
5	11	21.25	27.25	37.25	45.25	57.25	153.25	165.25	177.25	187.25	197.25
		0.0037	0.0087	0.0234	0.0458	0.0934	0.8997	0.9473	0.9748	0.9881	0.9950
		23.25	29.25	39.25	47.25	59.25	155.25	167.25	179.25	191.25	199.25
		0.0055	0.0114	0.0275	0.0527	0.105	0.9125	0.9519	0.9776	0.9918	0.9954
5	12	26.00	30.00	42.00	53.00	65.00	174.00	189.00	202.00	216.00	226.00
		0.0047	0.0082	0.0244	0.0486	0.0931	0.89S3	0,9473	0.9746	0.9888	0.9945
		27.00	31.00	43.00	54.00	66.00	175.00	190,00	203.00	217.00	227.00
		0.0057	0.0102	0.0267	0.0535	0.1021	0.9071	0.9551	0.9772	0.9901	0.9952
5	13	27.25	33.25	45.25	57.25	73.25	195.25	211.25	227.25	243.25	255.25
		0.0044	0.0082	0.0233	0.0476	0.0997	0.8985	0.9444	0.9741	0.9893	0.9946
		29.25	35.25	47.25	59.25	75.25	197.25	213.25	229.25	245.25	257.25
		0.0058	0.0105	0.0268	0.0537	0.1076	0.9059	0.9512	0.9762	0.9904	0.9958
5	14	30.00	38.00	51.00	65.00	81,00	219.00	238.00	254.00	275.00	285.00
		0.0044	0.0088	0.0248	0.0495	0.0978	0.3999	0.9479	0.9720	0.9896	0.9946
		31.00	39.00	52.00	66.00	82.00	220.00	239.00	255.00	276.00	287.00
		0.0054	0.0108	0.0255	0.0544	0.1034	0.9037	0.9520	0.9754	0.9906	0.9953
5	15	33.25	39.25	55.25	69.25	89.25	241.25	265.25	283.25	305.25	319.25
		0.0045	0.0077	0.0235	0.0470	0.0988	0.8951	0.9494	0.9739	0.9896	0.9946
		35.25	41.25	57.25	71.25	91.25	243.25	267.25	285.25	307.25	321.25
		0.0058	0.0103	0.0263	0.0526	0.1053	0.9005	0.9542	0.9763	0.9906	0.9957
6	6	17.50	27.50	33.50	39.50	45.50	93.50	99.50	105.50	111.50	115.50
		0.0011	0.0097	0.0238	0.0465	0.0963	0.8734	0.9307	0.9675	0.9848	0,9946
		23.50	29.50	35.50	41.50	47.50	95.50	101.50	107.50	113.50	119.50
		0.0054	0.0152	0.0325	0.0693	0.1266	0.9037	0.9535	0.9762	0.9903	0.9989
6	7	27.00	31.00	38,00	45.00	54.00	114.00	122.00	129.00	135.00	140.00
		0.0047	0.0099	0.0204	0.0466	0.0973	0,8980	0.9476	0,9749	0.9883	0.9948
		28.00	34.00	39.00	46.00	55.00	115.00	123.00	130.00	138.00	142.00
		0.0052	0.0146	0.0251	0.0524	0.1206	0.9108	0.9580	0.9779	0.9918	0.9971
6	8	29.50	35.50	41.50	49.50	59.50	131.50	141.50	149.50	157.50	165.50
		0.0047	0.0100	0.0213	0.0430	0.0942	0.8924	0.9461	0.9737	0.9873	0.9940
		31.50	37.50	43.50	51.50	61.50	133.50	143.50	151.50	159.50	167.50
		0.0060	0.0130	0.0266	0.0509	0.1062	0.9004	0.9540	0.9750	0.9900	0.9967
6	9	34.00	39.00	49.00	58.00	69.00	154.00	165.00	175.00	186.00	193.00
		0.0050	0.0086	0.0232	0.0488	0.0969	0.8973	0.9467	0.9734	0.9894	0.9944
		35.00	40.00	50,00	59.00	70.00	155.00	166.00	176,00	187.00	195.00
		0.0062	0.0110	0.0256	0.0547	0.1039	0.9065	0.9504	0.9766	0.9910	0.9956
6	10	37.50	43.50	53.50	63.50	75.50	175.50	189.50	201.50	213.50	221.50
		0.0049	0.0100	0.0237	0.0448	0.0888	0.8976	0.9476	0.9734	0.9891	0.9948
		39.50	45.50	55.50	65.50	77.50	177.50	191.50	203.50	215.50	223.50
		0.0054	0.0111	0.0262	0.0521	0.1010	0.9063	0.9540	0.9784	0.9901	0.9953

T14 Mood testi için m değerleri (devam)

n_1	n_2	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
6	11	42.00	49.00	61.00	73.00	87.00	200.00	216.00	529.00	244.00	253.00
		0.0048	0.0094	0.0243	0.0490	0.0977	0.8998	0.9491	0.9737	0.9898	0.9941
		43.00	50.00	62.00	74.00	88.00	201.00	217.00	230.00	245.00	254.00
		0.0060	0.0103	0.0255	0.0512	0.1037	0.9009	0.9504	0.9758	0.9901	0.9954
6	12	45.50	51.50	67.50	79.50	95.50	223.50	243.50	257.50	273.50	285.50
		0.0048	0.0082	0.0248	0.0470	0.0950	0.8954	0.9494	0.9733	0.9879	0.9944
		47.50	53.50	69.50	81.50	97.50	5.50	245.50	259.50	275.50	287.50
		0.0063	0.0102	0.0273	0.0513	0.1033	0.9004	0.9.542	0.9757	0.9900	0.9950
6	13	50.00	58.00	74.00	89.00	107.00	252.00	273.00	290.00	310.00	323.00
		0.0047	0.0090	0.0234	0.0483	0.0985	0.8979	0.9499	0.9736	0.9898	0.9949
		51.00	59.00	75.00	90.00	108.00	253.00	274.00	291.00	311.00	324.00
		0.0053	0.0101	0.0256	0.0503	0.1008	0,9001	0.9510	0.9751	0.9902	0.9951
6	14	53.50	63.50	81.50	97.50	117.50	279.50	301.50	321.50	343.50	357.50
		0.0049	0.0093	0.0246	0.0495	0.0974	0.8972	0.9459	0.9730	0.9888	0.9944
		55.50	65.50	83.50	99.50	119.50	281.50	303.50	323.50	345.50	359.50
		0.0054	0.0108	0.0281	0.0527	0.1043	0.9040	0.9501	0.9754	0.9901	0.9950
7	7	41.75	47.75	57.75	65.75	75.75	147.75	157.75	165.75	175.75	179.75
		0.0029	0.0082	0.0233	0.0466	0.0950	0.8869	0.9452	0.9709	0.9889	0.9948
		43.75	49.75	59.75	67.75	77.75	149.75	159.75	167.75	177.75	183.75
		0.0052	0.0111	0.0291	0.0548	0.1131	0.9050	0.9534	0.9767	0.9918	0.9971
7	8	50.00	55.00	66.00	75.00	87.00	173.00	184.00	195.00	204.00	211.00
		0.0050	0.0082	0.0238	0.0479	0.0977	0.8988	0.9455	0.9745	0.9890	0.9939
		51.00	56.00	67.00	76.00	88.00	174.00	185.00	196.00	205.00	212.00
		0.0059	0.0110	0.0272	0.0533	0.1052	0.9004	0.9510	0.9776	0.9902	0.9952
7	9	53.75	59.75	71.75	83.75	95.75	197.75	211.75	221.75	235.75	245.75
		0.0049	0.0087	0.0224	0.0495	0.0920	0.8970	0.9495	0.9706	0.9895	0.9949
		55.75	61.75	73.75	85.75	97.75	199.75	213.75	223.75	237.75	247.75
		0.0058	0.0103	0.0267	0.0556	0.1016	0.9073	0.9549	0.9764	0.9911	0.9963
7	10	59.00	67.00	82.00	94.00	109.00	226.00	242.00	254.00	270.00	279.00
		0.0046	0.0090	0.0243	0.0478	0.0975	0.8978	0.9499	0.9726	0.9896	0.9949
		60.00	68.00	83.00	95.00	110;00	227.00	243.00	255.00	271.00	280.00
		0.0053	0.0100	0.0268	0.0521	0.1009	0.9051	0.9544	0.9753	0.9902	0.9951
7	11	63.75	73.75	89.75	103.75	119.75	253.75	271.75	287.75	303.75	315.75
		0.0042	0.0096	0.0246	0.0495	0.0946	0.8991	0.9483	0.9742	0.9882	0.9943
		65.75	75.75	91.75	105.75	121.75	255.75	273.75	289.75	305.75	317.75
		0.0050	0.0103	0.0272	0.0526	0.1012	0.9053	0.9506	0.9767	0.9904	0.9952
7	12	71.00	82.00	99.00	115,00	135.00	285.00	306.00	323.00	343.00	357.00
		0.0048	0.0094	0.0241	0.0489	0.0996	0.8997	0.9491	0.9738	0.9893	0.9950
		72.00	83.00	100.00	116.00	136.00	286.00	307.00	324.00	344.00	358.00
		0.0051	0.0104	0.0258	0.0519	0.1044	0.9020	0.9515	0.9754	0.9900	0.9952
7	13	75.75	87.75	107.75	125.75	147.75	315.75	339.75	359.75	381.75	397.75
		0.0042	0.0089	0.0239	0.0487	0.0983	0.8972	0.9487	0.9745	0.9889	0.9949
		77.75	89.75	109.75	127.75	149.75	317.75	341.75	361.75	383.75	399.75
		0.0050	00101	0,0261	0.0528	0.1054	0.9039	0.9523	0.9758	0.9905	0.9953
8	8	72.00	78.00	92.00	104.00	118.00	218.00	232.00	244.00	258.00	264.00
		0.0043	0.0078	0.0239	0.0496	0.0984	0.8908	0.9457	0.9740	0.9900	0.9942
		74.00	80.00	94.00	106.00	120,00	220.00	234.00	246.00	260.00	266.00
		0.0058	0.0100	0.0260	0.0543	0.1092	0.9016	0.9504	0.9761	0.9922	0.9957
8	9	79.00	90.00	103.00	116.00	132.00	250.00	266.00	279.00	294.00	303.00
		0.0042	0.0096	0.0229	0.0487	0.0988	0.8959	0.9477	0.9742	0.9896	0.9945
		80.00	91.00	104.00	117.00	133.00	251.00	267.00	280.00	295.00	304.00
		0.0050	0.0102	0.0253	0.0510	0.1016	0.9005	0.9520	0.9760	0.9901	0.9952

T14 Mood testi için m değerleri (devam)

n_1	n_2	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
8	10	88.00	98.00	114.00	128.00	146.00	280.00	300.00	316.00	332.00	344.00
		0.0050	0.100	0.0245	0.0481	0.0980	0.8917	0.9487	0.9744	0.9891	0.9948
		90.00	100.00	116.00	130.00	148.00	282.00	302.00	318.00	334.00	346.00
		0.0059	0.0112	0.0280	0.0525	0.1033	0.9001	0.9532	0.9768	0.9900	0.9950
8	11	95.00	107.00	126.00	143.00	163.00	316.00	337.00	355.00	376.00	388.00
		0.0047	0.0095	0.0247	0.500	0.0988	0.8984	0.9489	0.0739	0.9900	0.9948
		96.00	108.00	127.00	144.00	164.00	317.00	338.00	356.00	377.00	389.00
		0.0051	0.0105	0.0256	0.0530	0.1039	0.9021	0.9501	0.9759	0.9909	0.9953
8	12	102.00	116.00	136.00	156.00	178.00	352.00	376.00	396.00	418.00	434.00
		0.0044	0.0097	0.0234	0.0496	0.0970	0.8995	0.9497	0.9749	0.9894	0.9949
		104.00	118.00	138.00	158.00	180.00	354.00	378.00	398.00	420.00	436.00
		0.0051	0.0103	0.0252	0.0533	0.1031	0.9056	0.9531	0.9763	0.9903	0.9953
9	9	110.25	120.25	138.25	154.25	172.25	308.25	326.25	342.25	360.25	370.25
		0.0045	0.0085	0.0230	0.0481	0.0973	0.8975	0.9476	0.9742	0.9899	0.9949
		112.25	122.25	140.25	156.25	174.25	310.25	328.25	344.25	362.25	372.25
		0.0051	0.0101	0.0258	0.0524	0.1025	0.9027	0.9519	0.9770	0.9915	0.9955
9	10	122.00	134.00	154.00	171.00	191.00	347.00	368.00	385.00	404.00	419.00
		0.0049	0.0096	0.0250	0.0492	0.0963	0.8987	0.9489	0.9738	0.9890	0.9950
		123.00	135.00	155.00	172.00	192.00	348.00	369.00	386.00	405.00	420.00
		0.0050	0.0101	0.0256	0.0514	0.1003	0.9021	0.9515	0.9751	0.9900	0.9955
9	11	132.25	144.25	166.25	186.25	210.25	384.25	408.25	430.25	452.25	468.25
		0.0049	0.0089	0.0235	0.0484	0.0984	0.8942	0.9465	0.9744	0.9896	0.9950
		134.25	146.25	168.25	188.25	212.25	386.25	410.25	432.25	454.25	470.25
		0.0056	0.0102	0.0251	0.0519	0.1049	0.9005	0.9500	0.9765	0.9900	0.9955
10	10	162.50	176.50	198.50	218.50	242.50	-418.50	442.50	462.50	484.50	498.50
		0.0050	0.0098	0.0241	0.0489	0.0982	0.8966	0.9479	0.9740	0.9891	0.9944
		164.50	178.50	200.50	220.50	244.50	420.50	444.50	464.50	486.50	500.50
		0.0056	0.0109	0.0260	0.0521	0.1034	0.9018	0.9511	0.9759	0.9902	0.9950

Quantiles of the Kolmogorov test statistic

Two-sided test		0,8	0,9	0,95	0,98	0,99
One-sided test		0,9	0,95	0,975	0,99	0,995
n=	1	0,900	0,950	0,975	0,990	0,995
	2	0,684	0,776	0,842	0,900	0,929
	3	0,565	0,636	0,708	0,785	0,829
	4	0,493	0,565	0,624	0,689	0,734
	5	0,447	0,509	0,563	0,627	0,669
	6	0,410	0,468	0,519	0,577	0,617
	7	0,381	0,436	0,483	0,538	0,576
	8	0,358	0,410	0,454	0,507	0,542
	9	0,339	0,387	0,430	0,480	0,513
	10	0,323	0,369	0,409	0,457	0,489
	11	0,308	0,352	0,391	0,437	0,468
	12	0,296	0,338	0,375	0,419	0,449
	13	0,285	0,325	0,361	0,404	0,432
	14	0,275	0,314	0,349	0,390	0,418
	15	0,266	0,304	0,338	0,377	0,404
	16	0,258	0,295	0,327	0,366	0,392
	17	0,250	0,286	0,318	0,355	0,381
	18	0,244	0,279	0,309	0,346	0,371
	19	0,237	0,271	0,301	0,337	0,361
	20	0,232	0,265	0,294	0,329	0,352
	21	0,226	0,259	0,287	0,321	0,344
	22	0,221	0,253	0,281	0,314	0,337
	23	0,216	0,247	0,275	0,307	0,330
	24	0,212	0,242	0,269	0,301	0,323
	25	0,208	0,238	0,264	0,295	0,317
	26	0,204	0,233	0,259	0,290	0,311
	27	0,200	0,229	0,254	0,284	0,305
	28	0,197	0,225	0,250	0,279	0,300
	29	0,193	0,221	0,246	0,275	0,295
	30	0,190	0,218	0,242	0,270	0,290
	31	0,187	0,214	0,238	0,266	0,285
	32	0,184	0,211	0,234	0,262	0,281
	33	0,182	0,208	0,231	0,258	0,277
	34	0,179	0,205	0,227	0,254	0,273
	35	0,177	0,202	0,224	0,251	0,269
	36	0,174	0,199	0,221	0,247	0,265
	37	0,172	0,196	0,218	0,244	0,262
	38	0,170	0,194	0,215	0,241	0,258
	39	0,168	0,191	0,213	0,238	0,255
	40	0,165	0,189	0,210	0,235	0,252
approximation for n>40:		$\frac{1.07}{\sqrt{n}}$	$\frac{1.22}{\sqrt{n}}$	$\frac{1.36}{\sqrt{n}}$	$\frac{1.52}{\sqrt{n}}$	$\frac{1.63}{\sqrt{n}}$

Source: L.H.Miller, "Table of percentage points of Kolmogorov Statistics," J.Amer. Statist. Assoc.,51(1956), 111-121.

TABLE A.20(a) **Quantiles of the Smirnov test statistic for two samples of equal size n**

One-sided test	$p = 0.90$	0.95	0.975	0.99	0.995
Two-sided test	$p = 0.80$	0.90	0.95	0.98	0.99
$n = 3$	2/3	2/3			
4	3/4	3/4	3/4		
5	3/5	3/5	4/5	4/5	4/5
6	3/6	4/6	4/6	5/6	5/6
7	4/7	4/7	5/7	5/7	5/7
8	4/8	4/8	5/8	5/8	6/8
9	4/9	5/9	5/9	6/9	6/9
10	4/10	5/10	6/10	6/10	7/10
11	5/11	5/11	6/11	7/11	7/11
12	5/12	5/12	6/12	7/12	7/12
13	5/13	6/13	6/13	7/13	8/13
14	5/14	6/14	7/14	7/14	8/14
15	5/15	6/15	7/15	8/15	8/15
16	6/16	6/16	7/16	8/16	9/16
17	6/17	7/17	7/17	8/17	9/17
18	6/18	7/18	8/18	9/18	9/18
19	6/19	7/19	8/19	9/19	9/19
20	6/20	7/20	8/20	9/20	10/20
21	6/21	7/21	8/21	9/21	10/21
22	7/22	8/22	8/22	10/22	10/22
23	7/23	8/23	9/23	10/23	10/23
24	7/24	8/24	9/24	10/24	11/24
25	7/25	8/25	9/25	10/25	11/25
26	7/26	8/26	9/26	10/26	11/26
27	7/27	8/27	9/27	11/27	11/27
28	8/28	9/28	10/28	11/28	12/28
29	8/29	9/29	10/29	11/29	12/29
30	8/30	9/30	10/30	11/30	12/30
31	8/31	9/31	10/31	11/31	12/31
32	8/32	9/32	10/32	12/32	12/32
33	8/33	9/33	11/33	12/33	13/33
34	8/34	10/34	11/34	12/34	13/34
35	8/35	10/35	11/35	12/35	13/35
36	9/36	10/36	11/36	12/36	13/36
37	9/37	10/37	11/37	13/37	13/37
38	9/38	10/38	11/38	13/38	14/38
39	9/39	10/39	11/39	13/39	14/39
40	9/40	10/40	12/40	13/40	14/40
Approximation for $n > 40$:	$\frac{1.52}{\sqrt{n}}$	$\frac{1.73}{\sqrt{n}}$	$\frac{1.92}{\sqrt{n}}$	$\frac{2.15}{\sqrt{n}}$	$\frac{2.30}{\sqrt{n}}$

Source: Z. W. Birnbaum and R. A. Hall, "Small-Sample Distribution for Multi-Sample Statistics of the Smirnov Type," *Ann. Math. Statist.*, 31 (1960), 710–720.

TABLE A.20(b) **Quantiles of the Smirnov test statistic for two samples of different size**

One-sided test		$p = 0.90$	0.95	0.975	0.99	0.995
Two-sided test		$p = 0.80$	0.90	0.95	0.98	0.99
$N_1 = 1$	$N_2 = 9$	17/18				
	10	9/10				
$N_1 = 2$	$N_2 = 3$	5/6				
	4	3/4				
	5	4/5	4/5			
	6	5/6	5/6			
	7	5/7	6/7			
	8	3/4	7/8	7/8		
	9	7/9	8/9	8/9		
	10	7/10	4/5	9/10		
$N_1 = 3$	$N_2 = 4$	3/4	3/4			
	5	2/3	4/5	4/5		
	6	2/3	2/3	5/6		
	7	2/3	5/7	6/7	6/7	
	8	5/8	3/4	3/4	7/8	
	9	2/3	2/3	7/9	8/9	8/9
	10	3/5	7/10	4/5	9/10	9/10
	12	7/12	2/3	3/4	5/6	11/12
$N_1 = 4$	$N_2 = 5$	3/5	3/4	4/5	4/5	
	6	7/12	2/3	3/4	5/6	5/6
	7	17/28	5/7	3/4	6/7	6/7
	8	5/8	5/8	3/4	7/8	7/8
	9	5/9	2/3	3/4	7/9	8/9
	10	11/20	13/20	7/10	4/5	4/5
	12	7/12	2/3	2/3	3/4	5/6
	16	9/16	5/8	11/16	3/4	13/16
$N_1 = 5$	$N_2 = 6$	3/5	2/3	2/3	5/6	5/6
	7	4/7	23/35	5/7	29/35	6/7
	8	11/20	5/8	27/40	4/5	4/5
	9	5/9	3/5	31/45	7/9	4/5
	10	1/2	3/5	7/10	7/10	4/5
	15	8/15	3/5	2/3.	11/15	11/15
	20	1/2	11/20	3/5	7/10	3/4
$N_1 = 6$	$N_2 = 7$	23/42	4/7	29/42	5/7	5/6
	8	1/2	7/12	2/3	3/4	3/4
	9	1/2	5/9	2/3	13/18	7/9
	10	1/2	17/30	19/30	7/10	11/15
	12	1/2	7/12	7/12	2/3	3/4
	18	4/9	5/9	11/18	2/3	13/18
	24	11/24	1/2	7/12	5/8	2/3
$N_1 = 7$	$N_2 = 8$	27/56	33/56	5/8	41/56	3/4
	9	31/63	5/9	40/63	5/7	47/63
	10	33/70	39/70	43/70	7/10	5/7
	14	3/7	1/2	4/7	9/14	5/7
	28	3/7	13/28	15/28	17/28	9/14
$N_1 = 8$	$N_2 = 9$	4/9	13/24	5/8	2/3	3/4
	10	19/40	21/40	23/40	27/40	7/10
	12	11/24	1/2	7/12	5/8	2/3
	16	7/16	1/2	9/16	5/8	5/8
	32	13/32	7/16	1/2	9/16	19/32

TABLE A.20(b) (*continued*)

One-sided test		$p = 0.90$	0.95	0.975	0.99	0.995
Two-sided test		$p = 0.80$	0.90	0.95	0.98	0.99
$N_1 = 9$	$N_2 = 10$	7/15	1/2	26/45	2/3	31/45
	12	4/9	1/2	5/9	11/18	2/3
	15	19/45	22/45	8/15	3/5	29/45
	18	7/18	4/9	1/2	5/9	11/18
	36	13/36	5/12	17/36	19/36	5/9
$N_1 = 10$	$N_2 = 15$	2/5	7/15	1/2	17/30	19/30
	20	2/5	9/20	1/2	11/20	3/5
	40	7/20	2/5	9/20	1/2	
$N_1 = 12$	$N_2 = 15$	23/60	9/20	1/2	11/20	7/12
	16	3/8	7/16	23/48	13/24	7/12
	18	13/36	5/12	17/36	19/36	5/9
	20	11/30	5/12	7/15	31/60	17/30
$N_1 = 15$	$N_2 = 20$	7/20	2/5	13/30	29/60	31/60
$N_1 = 16$	$N_2 = 20$	27/80	31/80	17/40	19/40	41/80
Large-sample approximation:		$1.07\sqrt{\frac{m+n}{mn}}$	$1.22\sqrt{\frac{m+n}{mn}}$	$1.36\sqrt{\frac{m+n}{mn}}$	$1.52\sqrt{\frac{m+n}{mn}}$	$1.63\sqrt{\frac{m+n}{mn}}$

Source: Frank J. Massey, Jr., "Distribution Table for the Deviation between Two Sample Cumulatives," *Ann. Math. Statist.*, 23 (1952), 435–441. This table incorporates the corrections reported in Louis S. Davis, "Table Errata 266," *Math. of Computation*, 12 (1958), 262–263

Kruskal-Wallis test statistic

Each table entry is the smallest value of the Kruskal-Wallis H such that its right-tail probability is less than or equal to the value given on the top row for k =3, each sample size less than or equal to five.

			Right-tail probability for H				
n1	n2	n3	0,001	0,01	0,02	0,05	0,1
2	2	2					4,571
3	2	1					4,286
		2				4,714	4,500
	3	1				5,143	4,571
		2			6,250	5,361	4,556
		3		7,200	6,489	5,600	4,622
4	2	1					4,500
		2			6,000	5,333	4,458
	3	1				5,208	4,056
		2		6,444	6,144	5,444	4,511
		3		6,745	6,564	5,791	4,709
	4	1		6,667	6,667	4,967	4,167
		2		7,036	6,600	5,455	4,555
		3	8,909	7,144	6,712	5,598	4,545
		4	9,269	7,654	6,962	5,692	4,654
5	2	1				5,000	4,200
		2		6,533	6,000	5,160	4,373
	3	1			6,044	4,960	4,018
		2		6,909	6,124	5,251	4,651
		3	8,727	7,079	6,533	5,648	4,533
	4	1		6,955	6,431	4,985	3,987
		2	8,591	7,205	6,505	5,273	4,541
		3	8,795	7,445	6,676	5,656	4,549
		4	9,168	7,760	6,953	5,657	4,668
	5	1		7,309	6,145	5,127	4,109
		2	8,938	7,338	6,446	5,338	4,623
		3	9,284	7,578	6,866	5,705	4,545
		4	9,606	7,823	7,000	5,666	4,523
		5	9,920	8,000	7,220	5,780	4,560

For $k > 3$, right-tail probablities on H are found from Table B with k -1 degrees of freedom.
Source: Adapted from R.L.Iman,D.Quade, and D.A.Alexander(1975),Exact probability levels for the Kruskal-Wallis test,
pp.329-384, in institude of Mathematical Statistics, ed., *Selected Tables in Mathematical Statistics*, Vol. III, American Mathematical Society, Providence, Rhode Island.

Table R Critical Values and Associated Probabilities for the Jonckheere-Terpstra Test

Each entry is the critical value $B_\alpha = B(\alpha, k, n_1, n_2, \ldots, n_k)$ of a Jonckheere-Terpstra statistic B for given $\alpha, k, n, n_2, \ldots, n_k$, such that $P(B \geqslant B_\alpha | H_0) \leqslant \alpha$. The actual right-tail probability is equal to the value given in parentheses.

			$k=3$											
n_1	n_2	n_3	$\alpha = 0.5$		$\alpha = 0.2$		$\alpha = 0.1$		$\alpha = 0.05$		$\alpha = 0.025$		$\alpha = 0.01$		$\alpha = 0.005$	
2	2	2	7	(.42222)	9	(.16667)	10	(.08889)	11	(.03333)	12	(.01111)	—		—	
2	2	3	9	(.43810)	12	(.13810)	13	(.07619)	14	(.03810)	15	(.01429)	16	(.00476)	16	(.00476)
2	2	4	11	(.44762)	14	(.18095)	16	(.07143)	17	(.03810)	18	(.01905)	19	(.00714)	20	(.00238)
2	2	5	13	(.45503)	17	(.15344)	19	(.06614)	20	(.03968)	21	(.02116)	23	(.00397)	23	(.00397)
2	2	6	15	(.46032)	19	(.18492)	21	(.09444)	23	(.03968)	24	(.02381)	26	(.00635)	27	(.00238)
2	2	7	17	(.46465)	22	(.16364)	24	(.08788)	26	(.04040)	28	(.01515)	29	(.00808)	30	(.00404)
2	2	8	19	(.46801)	24	(.18855)	27	(.08215)	29	(.04040)	31	(.01684)	33	(.00539)	34	(.00269)
2	3	3	12	(.40000)	15	(.15179)	16	(.09643)	18	(.03036)	19	(.01429)	20	(.00536)	21	(.00179)
2	3	4	14	(.45714)	18	(.16190)	20	(.07381)	21	(.04524)	23	(.01349)	24	(.00635)	25	(.00138)
2	3	5	17	(.42500)	21	(.16944)	23	(.08770)	25	(.03810)	26	(.02302)	28	(.00675)	29	(.00317)
2	3	6	19	(.46645)	24	(.17554)	26	(.09957)	28	(.04957)	30	(.02100)	32	(.00714)	33	(.00368)
2	3	7	22	(.44003)	27	(.18030)	30	(.08232)	32	(.04268)	34	(.01032)	36	(.00732)	37	(.00368)
2	3	8	24	(.47273)	30	(.18430)	33	(.09192)	36	(.03768)	38	(.01810)	40	(.00754)	41	(.00451)
2	4	4	17	(.46254)	21	(.19810)	24	(.07556)	26	(.03206)	27	(.01905)	29	(.00540)	30	(.00254)
2	4	5	20	(.46739)	25	(.18095)	28	(.07662)	30	(.03680)	31	(.02395)	33	(.00880)	34	(.00491)
2	4	6	23	(.47071)	29	(.16797)	32	(.07742)	34	(.04076)	36	(.01898)	38	(.00758)	39	(.00440)
2	4	7	26	(.47366)	32	(.19305)	36	(.07797)	38	(.04406)	40	(.02261)	43	(.00660)	44	(.00408)
2	4	8	29	(.47590)	36	(.18077)	39	(.09879)	42	(.04686)	45	(.01863)	47	(.00892)	49	(.00377)
2	5	5	24	(.44228)	29	(.19000)	32	(.09157)	35	(.03565)	36	(.02453)	39	(.00643)	40	(.00373)
2	5	6	27	(.47403)	33	(.19708)	37	(.08178)	39	(.04715)	41	(.02486)	44	(.00777)	45	(.00491)
2	5	7	31	(.45303)	38	(.17057)	41	(.09355)	44	(.04477)	47	(.01820)	49	(.00894)	51	(.00393)
2	5	8	34	(.47849)	42	(.17764)	46	(.08500)	49	(.04283)	52	(.01885)	54	(.00996)	56	(.00482)
2	6	6	31	(.47662)	38	(.18816)	42	(.08528)	45	(.04027)	47	(.02235)	50	(.00786)	52	(.00343)

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2	6	7	35	(.47875)	43	(.18087)	47	(.08803)	50	(.04521)	53	(.02040)	56	(.00789)	58	(.00376)
2	6	8	39	(.48051)	48	(.17491)	52	(.09031)	55	(.04953)	58	(.02449)	62	(.00788)	64	(.00404)
2	7	7	40	(.46130)	48	(.18948)	53	(.08358)	56	(.04543)	59	(.02225)	62	(.00964)	65	(.00360)
2	7	8	44	(.48219)	53	(.19675)	58	(.09468)	62	(.04555)	65	(.02381)	69	(.00857)	71	(.00474)
2	8	8	49	(.48359)	59	(.19248)	64	(.09833)	69	(.04231)	72	(.02319)	76	(.00913)	79	(.00404)
3	3	3	15	(.41548)	18	(.19405)	20	(.09464)	22	(.03690)	23	(.02083)	25	(.00476)	25	(.00476)
3	3	4	18	(.42667)	22	(.17500)	24	(.09310)	26	(.04214)	28	(.01548)	29	(.00857)	30	(.00429)
3	3	5	21	(.43528)	26	(.16147)	28	(.09177)	30	(.04621)	32	(.02002)	34	(.00714)	35	(.00390)
3	3	6	24	(.44210)	29	(.18912)	32	(.09075)	34	(.04946)	36	(.02408)	39	(.00622)	40	(.00357)
3	3	7	27	(.44761)	33	(.17619)	36	(.08989)	39	(.03849)	41	(.01941)	43	(.00868)	45	(.00335)
3	3	8	30	(.45216)	36	(.19843)	40	(.08914)	43	(.04144)	45	(.02259)	48	(.00759)	49	(.00498)
3	4	4	21	(.46779)	26	(.18528)	29	(.08043)	31	(.03974)	33	(.01688)	35	(.00589)	36	(.00320)
3	4	5	25	(.44304)	30	(.19325)	33	(.09481)	36	(.03791)	38	(.01789)	40	(.00732)	41	(.00440)
3	4	6	28	(.47434)	34	(.19973)	38	(.08432)	40	(.04923)	43	(.01865)	45	(.00856)	47	(.00343)
3	4	7	32	(.45344)	39	(.17279)	42	(.09566)	45	(.04644)	48	(.01926)	50	(.00963)	52	(.00435)
3	4	8	35	(.47863)	43	(.17947)	47	(.08672)	50	(.04419)	53	(.01974)	56	(.00752	58	(.00354)
3	5	5	29	(.44913)	35	(.18365)	38	(.09706)	41	(.04382)	43	(.02324)	46	(.00740)	47	(.00475)
3	5	6	33	(.45405)	40	(.17607)	43	(.09882)	46	(.04890)	49	(.02085)	52	(.00741)	54	(.00328)
3	5	7	37	(.45809)	44	(.19851)	49	(.08220)	52	(.04211)	55	(.01903)	58	(.00740)	60	(.00356)
3	5	8	41	(.46147)	49	(.19057)	54	(.08461)	57	(.04627)	60	(.02284)	64	(.00737)	66	(.00380)
3	6	6	37	(.47913)	45	(.18533)	49	(.09226)	52	(.04855)	55	(.02267)	58	(.00919)	60	(.00459)
3	6	7	42	(.46187)	50	(.19315)	55	(.08704)	58	(.04821)	61	(.02420)	65	(.00807)	67	(.00425)

(*Continued*)

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Table R (*Continued*)

			$k=3$											
n_1	n_2	n_3	$\alpha = 0.5$		$\alpha = 0.2$		$\alpha = 0.1$		$\alpha = 0.05$		$\alpha = 0.025$		$\alpha = 0.01$		$\alpha = 0.005$	
3	6	8	46	(.48241)	55	(.19983)	60	(.09770)	64	(.04788)	68	(.02027)	71	(.00950)	74	(.00397)
3	7	7	47	(.46502)	56	(.18868)	61	(.09112)	65	(.04421)	68	(.02337)	72	(.00861)	74	(.00486)
3	7	8	52	(.46769)	62	(.18490)	67	(.09460)	71	(.04917)	75	(.02265)	79	(.00907)	82	(.00410)
3	8	8	57	(.48503)	68	(.19289)	74	(.09197)	79	(.04251)	82	(.02477)	87	(.00869)	90	(.00418)
4	4	4	25	(.47160)	31	(.17558)	34	(.08439)	36	(.04632)	38	(.02286)	40	(.00993)	42	(.00367)
4	4	5	29	(.47465)	36	(.16825)	39	(.08738)	42	(.03873)	44	(.02027)	46	(.00959)	48	(.00402)
4	4	6	33	(.47708)	40	(.19294)	44	(.08984)	47	(.04376)	49	(.02497)	52	(.00931)	54	(.00429)
4	4	7	37	(.47909)	45	(.18488)	49	(.09184)	52	(.04822)	55	(.02244)	58	(.00906)	60	(.00450)
4	4	8	41	(.48077)	50	(.17830)	54	(.09353)	58	(.04204)	61	(.02049)	64	(.00885)	66	(.00468)
4	5	5	34	(.45453)	41	(.17872)	45	(.08177)	48	(.03928)	50	(.02220)	53	(.00815)	55	(.00371)
4	5	6	38	(.47932)	46	(.18750)	50	(.09435)	54	(.03970)	56	(.02382)	59	(.00987)	62	(.00347)
4	5	7	43	(.46215)	51	(.19494)	56	(.08875)	59	(.04959)	63	(.01963)	66	(.00858)	68	(.00459)
4	5	8	47	(.48252)	57	(.17722)	61	(.09919)	65	(.04905)	69	(.02102)	72	(.00998)	75	(.00425)
4	6	6	43	(.48114)	52	(.18307)	56	(.09810)	60	(.04546)	63	(.02287)	67	(.00769)	69	(.00408)
4	6	7	48	(.48267)	58	(.17938)	63	(.08619)	67	(.04174)	70	(.02208)	74	(.00818)	76	(.00463)
4	6	8	53	(.48397)	63	(.19820)	69	(.08972)	73	(.04561)	77	(.02141)	81	(.00859)	84	(.00390)
4	7	7	54	(.46809)	64	(.18800)	69	(.09759)	74	(.04318)	77	(.02426)	82	(.00783)	84	(.00465)
4	7	8	59	(.48519)	70	(.19552)	76	(.09450)	81	(.04441)	85	(.02170)	89	(.00946)	92	(.00466)
4	8	8	65	(.48624)	77	(.19320)	83	(.09869)	88	(.04966)	93	(.02191)	98	(.00831)	101	(.00428)
5	5	5	39	(.45888)	47	(.17478)	51	(.08666)	54	(.04558)	57	(.02136)	60	(.00873)	62	(.00440)
5	5	6	44	(.46248)	52	(.19706)	57	(.09078)	61	(.04151)	64	(.02066)	67	(.00921)	70	(.00360)
5	5	7	49	(.46569)	58	(.19200)	63	(.09430)	67	(.04665)	71	(.02008)	74	(.00960)	77	(.00413)
5	5	8	54	(.46806)	64	(.18774)	69	(.09734)	74	(.04300)	77	(.02413)	81	(.00992)	84	(.00461)
5	6	6	49	(.48280)	59	(.18118)	64	(.08787)	68	(.04301)	71	(.02299)	75	(.00868)	77	(.00498)
5	6	7	55	(.46829)	65	(.18952)	70	(.09906)	75	(.04427)	79	(.02042)	83	(.00824)	85	(.00494)
5	6	8	60	(.48527)	71	(.19681)	77	(.09575)	82	(.04535)	86	(.02235)	90	(.00985)	93	(.00490)
5	7	7	61	(.47066)	72	(.18741)	78	(.09019)	82	(.04981)	86	(.02499)	91	(.00904)	94	(.00447)
5	7	8	67	(.47271)	79	(.18559)	85	(.09438)	90	(.04739)	94	(.02489)	99	(.00077)	103	(.00410)

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5	8	8	73	(.48727)	86	(.19344)	93	(.09319)	98	(.04917)	103	(.02322)	108	(.00968)	112	(.00434)
6	6	6	55	(.48418)	66	(.17959)	71	(.09285)	75	(.04897)	79	(.02306)	83	(.00954)	86	(.00447)
6	6	7	61	(.48536)	72	(.19831)	78	(.09721)	83	(.04645)	87	(.02311	92	(.00827)	95	(.00406)
6	6	8	67	(.48638)	79	(.19561)	86	(.08914)	91	(.04436)	95	(.02313)	100	(.00899)	103	(.00471)
6	7	7	68	(.47285)	80	(.18689)	86	(.09563)	91	(.04835)	96	(.02153)	101	(.00829)	104	(.00432)
6	7	8	74	(.48733)	87	(.19456)	94	(.09426)	100	(.04351)	104	(.02380)	110	(.00829)	113	(.00454)
6	8	8	81	(.48816)	95	(.19364)	102	(.09885)	108	(.04873)	113	(.02437)	119	(.00923)	123	(.00439)
7	7	7	75	(.47473)	88	(.18643)	95	(.08944)	100	(.04711)	105	(.02225)	110	(.00929)	114	(.00418)
7	7	8	82	(.47637)	96	(.18602)	103	(.09414)	109	(.04605)	114	(.02288)	120	(.00859)	123	(.00494)
7	8	8	89	(.48892)	104	(.19380)	112	(.09402)	118	(.04834)	124	(.02209)	130	(.00885)	134	(.00443)
8	8	8	97	(.48960)	113	(.19393)	121	(.09891)	128	(.04798)	34	(.02310)	140	(.00992)	145	(.00445)

$k = 4$

n_1	n_2	n_3	n_4	$\alpha = 0.5$		$\alpha = 0.2$		$\alpha = 0.1$		$\alpha = 0.05$		$\alpha = 0.025$		$\alpha = 0.01$		$\alpha = 0.005$	
2	2	2	2	13	(.45079)	16	(.19286)	18	(.08294)	19	(.04841)	21	(.01230)	22	(.00516)	23	(.00159)
3	3	3	3	28	(.47240)	34	(.18229)	37	(.09067)	40	(.03744)	42	(.01834)	44	(.00797)	45	(.00498)
4	4	4	4	49	(.48174)	58	(.19096)	63	(.08950)	67	(.04198)	70	(.02150)	73	(.00998)	76	(.00414)
5	5	5	5	76	(.48679)	89	(.18455)	95	(.09621)	100	(.04983)	105	(.02296)	110	(.00928)	114	(.00404)
6	6	6	6	109	(.48987)	126	(.18631)	134	(.09607)	141	(.04743)	147	(.02336)	154	(.00894)	158	(.00481)

(*Continued*)

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Table R (*Continued*)

					$k=5$											
n_1	n_2	n_3	n_4	n_5	$\alpha = 0.5$		$\alpha = 0.2$		$\alpha = 0.1$		$\alpha = 0.05$		$\alpha = 0.025$		$\alpha = 0.01$		$\alpha = 0.005$	
2	2	2	2	2	21	(.46466)	26	(.16246)	28	(.08779)	30	(.04116)	32	(.01623)	33	(.00939)	35	(.00257)
3	3	3	3	3	46	(.48020)	54	(.19822)	59	(.08738)	62	(.04752)	65	(.02335)	69	(.00755)	71	(.00392)
4	4	4	4	4	81	(.48695)	94	(.18756)	100	(.09910)	106	(.04523)	110	(.02450)	116	(.00839)	119	(.00455)
5	5	5	5	5	126	(.49058)	144	(.19032)	153	(.09542)	160	(.04970)	167	(.02318)	174	(.00958)	179	(.00470)
6	6	6	6	6	181	(.49279)	204	(.19719)	216	(.09842)	226	(.04884)	235	(.02292)	244	(.00969)	251	(.00456)

						$k=6$												
n_1	n_2	n_3	n_4	n_5	n_6	$\alpha = 0.5$		$\alpha = 0.2$		$\alpha = 0.1$		$\alpha = 0.05$		$\alpha = 0.025$		$\alpha = 0.01$		$\alpha = 0.005$	
2	2	2	2	2	2	31	(.47293)	37	(.18713)	40	(.09533)	43	(.04083)	45	(.02071)	47	(.00944)	49	(.00379)
3	3	3	3	3	3	69	(.46981)	80	(.18058)	85	(.09686)	90	(.04524)	94	(.02201)	98	(.00958)	101	(.00473)
4	4	4	4	4	4	121	(.49006)	138	(.19092)	147	(.09181)	154	(.04567)	160	(.02274)	167	(.00888)	171	(.00486)
5	5	5	5	5	5	189	(.48567)	212	(.19377)	224	(.09679)	234	(.04775)	242	(.02477)	252	(.00964)	259	(.00456)
6	6	6	6	6	6	271	(.49452)	302	(.19304)	317	(.09982)	330	(.04490)	342	(.02361)	354	(.00999)	363	(.00485)

Because of the symmetry of the distribution of B under H_0 critical values and associated probabilities for all possible sample size combinations from 2 to 8 from 3 populations can be obtained from the table. For example, if $n_1 = 4$, $n_2 = 5$, and $n_3 = 2$, the required values are given by the table entry for $n_1 = 2$, $n_2 = 4$, and $n_3 = 5$.

Source: Adapted from Tables 1 and 2 of R. E. Odeh (1971), On Jonckheere's k-sample test against ordered alternatives, *Technometrices*, **13**, 912–918, with permission.

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Critical values for the Friedman two-way analysis of variance by ranks statistic, F_r

		alfa		
k	N	0,01	0,05	0,1
3	3		6,00	6,00
	4	8,00	6,50	6,00
	5	8,40	6,40	5,20
	6	9,00	7,00	5,33
	7	8,86	7,14	5,43
	8	9,00	6,25	5,25
	9	8,67	6,22	5,56
	10	9,60	6,20	5,00
	11	8,91	6,54	4,91
	12	8,67	6,17	5,17
	13	9,39	6,00	4,77
4	2		6,00	6,00
	3	8,60	7,40	6,60
	4	9,60	7,80	6,30
	5	9,96	7,80	6,36
	6	10,00	7,60	6,40
	7	10,37	7,80	6,26
	8	10,35	7,50	6,30
5	3	10,13	8,53	7,47
	4	11,00	8,80	7,60
	5	11,52	8,96	7,68

Some entries adapted and reproduced by the publishers Charles Griffin&Co.Ltd.,16 Pembridge,Road,London W11 3HL,from appendix table 5 of Kendall,M.G.(1970).Rank correlation methods (fourth edition).Other entries adapted from table A.15 of Hollander,M.,and Wolfe,D.A.(1973).Nonparametrics statistics.New York:J. Wiley.

T18 Kendall'ın Tau istatistiği için τ' değerleri

	α				
n	**0.005**	**0.010**	**0.025**	**0.050**	**0.100**
4	1.000	1.000	1.000	1.000	1.000
5	1.000	1.000	1.000	0.800	0.800
6	1.000	0.867	0.867	0.733	0.600
7	0.905	0.810	0.714	0.619	0.524
8	0.786	0.714	0.643	0.571	0.429
9	0.722	0.667	0.556	0.500	0.389
10	0.644	0.600	0.511	0.467	0.378
11	0.600	0.564	0.491	0.418	0.345
12	0.576	0.545	0.455	0.394	0.303
13	0.564	0.513	0.436	0.359	0.308
14	0.516	0.473	0.407	0.363	0.275
15	0.505	0.467	0.390	0.333	0.276
16	0.483	0.433	0.383	0.317	0.250
17	0.471	0.426	0.368	0.309	0.250
18	0.451	0.412	0.346	0.294	0.242
19	0.439	0.392	0.333	0.287	0.228
20	0.421	0.379	0.326	0.274	0.221
21	0.410	0.371	0.314	0.267	0.210
22	0.394	0.359	0.307	0.264	0.203
23	0.391	0.352	0.296	0.257	0.202
24	0.377	0.341	0.290	0.246	0.196
25	0.367	0.333	0.287	0.240	0.193
26	0.360	0.329	0.280	0.237	0.188
27	0.356	0.322	0.271	0.231	0.179
28	0.344	0.312	0.265	0.228	0.180
29	0.340	0.310	0.261	0.222	0.172
30	0.333	0.301	0.255	0.218	0.172
31	0.325	0.295	0.252	0.213	0.166
32	0.323	0.290	0.246	0.210	0.165
33	0.314	0.288	0.242	0.205	0.163
34	0.312	0.280	0.237	0.201	0.159
35	0.304	0.277	0.234	0.197	0.156
36	0.302	0.273	0.232	0.194	0.152
37	0.297	0.267	0.228	0.192	0.150
38	0.292	0.263	0.223	0.189	0.149
39	0.287	0.260	0.220	0.188	0.147
40	0.285	0.256	0.218	0.185	0.144

T17 Spearman'ın sıra korelasyonu için r' değerleri

	α					
n	0.001	0.005	0.010	0.025	0.050	0.100
4					.8000	.8000
5			.9000	.9000	.8000	.7000
6		.9429	.8857	.8286	.7714	.6000
7	.9643	.8929	.8571	.7450	.6786	.5357
8	.9286	.8571	.8095	.7143	.6190	.5000
9	.9000	.8167	.7667	.6833	.5833	.4667
10	.8667	.7818	.7333	.6364	.5515	.4424
11	.8364	.7545	.7000	.6091	.5273	.4182
12	.8182	.7273	.6713	.5804	.4965	.3986
13	.7912	.6978	.6429	.5549	.4780	.3791
14	.7670	.6747	.6220	.5341	.4593	.3626
15	.7464	.6536	.6000	.5179	.4429	.3500
16	.7265	.6324	.5824	.5000	.4265	.3382
17	.7083	.6152	.5637	.4853	.4118	.3260
18	.6904	.5975	.5480	.4716	.3994	.3148
19	.6737	.5825	.5333	.4579	.3895	.3070
20	.6586	.5684	.5203	.4451	.3789	.2977
21	.6455	.5545	.5078	.4351	.3688	.2909
22	.6318	.5426	.4963	.4241	.3597	.2829
23	.6186	.5306	.4852	.4150	.3518	.2767
24	.6070	.5200	.4748	.4061	.3435	.2704
25	.5962	.5100	.4654	.3977	.3362	.2646
26	.5856	.5002	.4564	.3894	.3299	.2588
27	.5757	.4915	.4481	.3822	.3236	.2540
28	.5660	.4828	.4401	.3749	.3175	.2490
29	.5567	.4744	.4320	.3685	.3113	.2443
30	.5479	.4665	.4251	.3620	.3059	.2400

Table A20 Table of Critical Values for Kendall's Coefficient of Concordance

Critical values for both S and $\tilde{W}$ are listed. The values of $\tilde{W}$ in the table were computed by substituting the tabled S values in Equation 31.3.

	n									
m	3		4		5		6		7	
	Values at .05 level of significance									
	S	$\tilde{W}$	S	$\tilde{W}$	S	$\tilde{W}$	S	$\tilde{W}$	S	$\tilde{W}$
3					64.4	.716	103.9	.660	157.3	.624
4			49.5	.619	88.4	.552	143.3	.512	217.0	.484
5			62.6	.501	112.3	.449	182.4	.417	276.2	.395
6			75.7	.421	136.1	.378	221.4	.351	335.2	.333
8	48.1	.376	101.7	.318	183.7	.287	299.0	.267	453.1	.253
10	60.0	.300	127.8	.256	231.2	.231	376.7	.215	571.0	.204
15	89.8	.200	192.9	.171	349.8	.155	570.5	.145	864.9	.137
20	119.7	.150	258.0	.129	468.5	.117	764.4	.109	1158.7	.103
	Values at .01 level of significance									
3					75.6	.840	122.8	.780	185.6	.737
4			61.4	.768	109.3	.683	176.2	.629	265.0	.592
5			80.5	.644	142.8	.571	229.4	.524	343.8	.491
6			99.5	.553	176.1	.489	282.4	.448	422.6	.419
8	66.8	.522	137.4	.429	242.7	.379	388.3	.347	579.9	.324
10	85.1	.425	175.3	.351	309.1	.309	494.0	.282	737.0	.263
15	131.0	.291	269.8	.240	475.2	.211	758.2	.193	1129.5	.179
20	177.0	.221	364.2	.182	641.2	.160	1022.2	.146	1521.9	.136

Additional values for $n = 3$

	At .05 level		At .01 level	
m	S	$\tilde{W}$	S	$\tilde{W}$
9	54.0	.333	75.9	.469
12	71.9	.250	103.5	.359
14	83.8	.214	121.9	.311
16	95.8	.187	140.2	.274
18	107.7	.166	158.6	.245