Table 16 Critical values of D for the Kolmogorov-Smirnov one-sample test

D = maximum values of the differences.

n	Level of significance α							
	0.20	0.15	0.10	0.05	0.01			
1	0.900	0.925	0.950	0.975	0.995			
2	0.684	0.726	0.776	0.842	0.929			
2 3	0.565	0.597	0.642	0.708	0.823			
	0.494	0.525	0.564	0.624	0.733			
5	0.446	0.474	0.510	0.565	0.669			
6	0.410	0.436	0.470	0.521	0.618			
7	0.381	0.405	0.438	0.486	0.577			
8	0.358	0.381	0.411	0.457	0.543			
9	0.339	0.360	0.388	0.432	0.514			
10	0.322	0.342	0.368	0.410	0.490			
11	0.307	0.326	0.352	0.391	0.468			
12	0.295	0.313	0.338	0.375	0.450			
13	0.284	0.302	0.325	0.361	0.433			
14	0.274	0.292	0.314	0.349	0.418			
15	0.266	0.283	0.304	0.338	0.404			
16	0.258	0.274	0.295	0.328	0.392			
17	0.250	0.266	0.286	0.318	0.381			
18	0.244	0.259	0.278	0.309	0.371			
19	0.237	0.252	0.272	0.301	0.363			
20	0.231	0.246	0.264	0.294	0.356			
25	0.21	0.22	0.24	0.27	0.32			
30	0.21 0.19	0.20	0.22	0.24	0.29			
35	0.19	0.19	0.21	0.23	0.27			
	1.07	1.14	1.22	$\frac{1.36}{}$	1.63			
Over 35	$\frac{1}{\sqrt{n}}$	\sqrt{n}	\sqrt{n}	\sqrt{n}	\sqrt{n}			

Source: Massey, 1951

21 Critical values CFR Wilcoxon Mann Whitney test

n) - number of elements in the largest sample; $n_1 = \text{number of elements in the smallest sample},$ $n_2 = \text{number of elements in the smallest sample},$

11) - 11	1 evel of significance or						Level of signific						
	1 0.10 0.05 0.01					Two sided		0 0,1	0.05				
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	ì	4	3			lii	6	40	37	34			
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0	4	15	13	12	10		8 9	63 76	59	55			
- 6	5	22 30	20 28	18 26	16 13	;;	10	91	72 86	88 81			
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73	Two-sided 0.20		0.10	0.05 0.025	0.01 0.005	Level of significance α					
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4	5	35	31	19	14	17	6	52	47	43	36
4	6	46	42	28 38	22	17	8	66 81	61 75	56	47
4	7	59	54	50	32	17	9	97	90	70 84	60 74
4	8	72	67	62	43 54	17	10	113	106	100	89
4	9 10	86	81	76	54 67	17	11	131	123	117	10:
4	11	102	96	91	81	17	12	150	142	135	12:
4	12	118 136	112	106	96	17	13 14	170	161	154	140
4	13	154	129	123	112	17	15	190 212	182	174	159
4	14	174	147 166	141	129	17	16	235	203 225	195	180
		17.1	100	160	147	17	17	259	249	217 240	20 22
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5	4 5	26	22	20	15	18	4	30	15 26	13	1
5	6	37 48	33	29	23	18	5	42	37	22 33	20
5	7	61	44 56	40	33	18	6	55	49	45	3
5	8	75	69	52 65	44	18	7	69	63	58	4
5	9	90	84	79	56 69	18	8	84	77	72	6
5	10	106	99	94	84	18 18	9 10	100	93	87	7
15	11	123	116	110	99	18	11	117	110 127	103 121	9
5	12	141	133	127	115	18	12	155	146	139	100
15 15	13	159	152	145	133	18	13	175	166	158	14
15	14 15	179	171	164	151	18	14	196	187	179	16.
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16	3	17	14	12	8				200	270	20
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16	6	50	46	42	34 46	19 19	3	20	16	13	
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16	9	93	87	82	72	19	6	57	51	46	3
16	10	109	103	97	86	19	7	71	65	60	5
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16 16	12	145	138	131	119	19	9	103	96	90	73
16	13	165	156	150	130 155	19	11	139	113 131	107 124	9. 11
16	14 15	185	176 197	169 190	175	19	12	159	150	143	129
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