

Tablica 11

Wartości krytyczne dla testu normalności Davida–Hellwiga dla hipotez złożonych

$n$	$\alpha=0,001$	$\alpha=0,005$	$\alpha=0,01$	$\alpha=0,05$	$\alpha=0,10$
3	1,99768	1,98840	1,97680	1,88399	1,76798
4	2,98990	2,94949	2,89899	2,49495	1,99821
5	3,90900	3,54545	3,09091	2,85283	2,66415
6	4,83333	4,16667	3,94203	3,36232	2,94076
7	4,96154	4,80769	4,61538	3,87166	3,60428
8	5,75000	4,98810	4,92857	4,45238	3,95745
9	6,00000	5,75000	5,43750	4,80702	4,51462
10	6,87500	6,37500	5,96875	5,34375	4,88430
11	7,00000	6,84000	6,64000	5,82090	5,44776
12	7,75000	6,98387	6,90323	6,25806	5,82199
13	8,00000	7,80000	7,55000	6,70103	6,18557
14	8,66667	7,92857	7,75000	6,88690	6,58929
15	9,00000	8,71429	8,35714	7,54545	6,96444
16	9,88889	9,44444	8,96000	7,86777	7,45455
17	10,00000	9,76471	9,47059	8,48387	7,88950
18	10,00000	9,83333	9,62500	8,76636	8,29907
19	11,00000	10,66667	10,25000	9,13953	8,69231
20	12,00000	11,33333	10,82353	9,69048	9,09524
21	12,00000	11,50000	10,97222	9,96528	9,61806
22	12,50000	11,78571	11,42857	10,50725	9,90625
23	13,66667	12,71429	12,00000	10,89899	10,39394
24	12,93750	12,68750	12,37500	11,20930	10,71329
25	13,75000	12,95652	12,73913	11,68919	11,01351
26	14,66667	13,71429	13,00000	12,06977	11,60833
27	15,00000	14,33333	13,84211	12,60000	11,90278
28	15,50000	14,78571	14,42857	13,19048	12,60000
29	15,00000	14,75000	14,43750	13,28261	12,69167
30	16,00000	15,50000	14,96429	13,85870	13,31522
31	17,00000	16,33333	15,80000	14,45098	13,73529
32	17,00000	16,00000	15,73684	14,61194	13,92742
33	17,00000	16,33333	15,88462	14,76712	14,08219
34	17,66667	16,91667	16,70833	15,58929	14,84685
35	18,00000	17,60000	17,10000	15,95000	15,32500
36	19,00000	18,20000	17,77778	16,49020	15,78070
37	19,00000	18,33333	17,78571	16,64296	15,78261
38	19,00000	18,71429	18,35714	16,91489	16,38298
39	20,00000	19,00000	18,78261	17,50000	16,74775
40	21,00000	19,57143	18,97143	17,92405	17,29114
41	21,66667	20,33333	19,66667	18,33333	17,60465
42	21,00000	20,69231	20,30769	18,85507	18,13043
43	21,75000	20,93333	20,60000	18,96386	18,36145
44	23,00000	22,00000	21,37500	19,72727	18,90385

cd. tablicy 11

$n$	$\alpha=0,001$	$\alpha=0,005$	$\alpha=0,01$	$\alpha=0,05$	$\alpha=0,10$
45	23,00000	22,00000	21,50000	19,91935	19,11290
46	24,00000	22,50000	21,90909	20,54545	19,68293
47	24,66667	23,33333	22,60000	20,96364	20,05455
48	23,83333	23,56667	22,77778	21,21212	20,23214
49	24,66667	23,71429	23,00000	21,77358	20,91089
50	25,66667	24,33333	23,73333	22,19444	21,27119
51	25,00000	24,42857	23,90000	22,55102	21,77564
52	25,50000	24,70000	24,20000	22,61818	21,84762
53	26,00000	24,94444	24,66667	23,30000	22,41538
54	26,87500	26,37500	25,75000	23,62791	22,76531
55	27,00000	26,42857	25,86667	23,98246	23,10526
56	28,00000	27,00000	26,16667	24,60714	23,75385
57	28,00000	27,00000	26,44444	24,73214	23,88869
58	29,00000	27,40000	26,62500	25,16667	24,37681
59	30,00000	28,00000	27,64286	25,71429	24,73610
60	30,66667	28,00000	27,85714	26,17647	25,15385
61	30,50000	28,80000	27,95455	26,50000	25,40385
62	30,50000	28,81818	28,36364	26,85185	25,94937
63	30,66667	29,60000	28,86667	27,20588	26,41892
64	31,00000	29,90000	29,40000	27,71111	26,76000
65	31,50000	30,62500	30,00000	28,12500	27,00000
66	32,00000	31,00000	30,55556	28,60000	27,59155
67	32,00000	31,20000	30,00000	28,88636	27,84722
68	32,66667	31,33333	30,77778	29,07143	28,05882
69	32,75000	31,85714	31,14286	29,76923	28,86667
70	33,50000	32,25000	31,73333	30,09375	29,09615
71	34,00000	33,20000	32,42857	30,44444	29,46875
72	34,00000	33,50000	32,88889	30,64103	29,69880
73	35,00000	33,77778	33,22222	31,42857	30,22222
74	35,00000	35,00000	33,64286	31,63125	30,81250
75	37,00000	35,66667	34,40000	31,90909	30,87654
76	37,00000	35,62500	35,00000	32,44000	31,32759
77	36,66667	36,00000	34,28571	32,48837	31,49123
78	37,00000	36,00000	35,28571	33,25000	32,17647
79	36,80000	36,00000	35,50000	33,67442	32,70000
80	38,66667	36,85714	36,14286	34,31034	32,98592
81	38,00000	37,00000	36,50000	34,67347	33,72581
82	39,00000	37,33333	36,00000	34,73810	33,73973
83	39,75000	37,80000	36,91667	34,95918	33,96341
84	41,00000	38,60000	37,77778	35,88889	34,66667
85	40,00000	38,83333	37,71429	36,14286	34,87805
86	40,00000	39,60000	39,10000	36,58621	35,41071
87	39,50000	38,57143	37,96429	36,70455	35,67797

cd. tablicy 11

$n$	$\alpha=0,001$	$\alpha=0,005$	$\alpha=0,01$	$\alpha=0,05$	$\alpha=0,10$
88	40,50000	39,66667	39,11111	37,34375	36,17021
89	41,66667	40,33333	39,69231	37,63636	36,52459
90	43,50000	42,00000	40,75000	37,85714	36,70588
91	42,00000	41,00000	40,16667	38,27586	37,27586
92	43,00000	41,75000	40,84615	38,87500	37,85455
93	44,00000	42,71429	41,00000	39,56000	38,32075
94	43,50000	41,83333	41,41667	39,63636	38,49123
95	44,00000	42,00000	41,68750	39,89189	38,67925
96	44,50000	42,60000	41,85714	40,00000	38,91463
97	45,00000	43,75000	42,83333	40,67391	39,69355
98	46,00000	44,00000	42,86667	40,97959	39,97143
99	45,66667	44,66667	43,50000	41,63636	40,30952
100	49,00000	46,00000	45,00000	42,08000	40,82857

Źródło: Domański, Tomaszewicz [1989].