

Table A.3 (continued)

n = 9				n = 10			
B	α	$p_L(\alpha)$	$p_U(\alpha)$	B	α	$p_L(\alpha)$	$p_U(\alpha)$
9	.010	.5550	1.0000	5	.010	.1283	.8717
	.020	.5995	1.0000		.020	.1504	.8496
	.050	.6637	1.0000		.050	.1871	.8129
	.100	.7169	1.0000		.100	.2224	.7776
	.200	.7743	1.0000		.200	.2673	.7327
6				6	.010	.1909	.9232
					.020	.2183	.9068
					.050	.2624	.8784
					.100	.3035	.8500
					.200	.3542	.8124
7				7	.010	.2649	.9630
					.020	.2971	.9525
					.050	.3475	.9333
					.100	.3934	.9127
					.200	.4483	.8842
8				8	.010	.3518	.9891
					.020	.3883	.9845
					.050	.4439	.9748
					.100	.4931	.9632
					.200	.5504	.9455
9				9	.010	.4557	.9995
					.020	.4956	.9990
					.050	.5550	.9975
					.100	.6058	.9949
					.200	.6631	.9895
10				10	.010	.5887	1.0000
					.020	.6310	1.0000
					.050	.6915	1.0000
					.100	.7411	1.0000
					.200	.7943	1.0000
n = 10							
B	α	$p_L(\alpha)$	$p_U(\alpha)$				
0	.010	.0000	.4113				
	.020	.0000	.3690				
	.050	.0000	.3085				
	.100	.0000	.2589				
	.200	.0000	.2057				
1	.010	.0005	.5443				
	.020	.0010	.5044				
	.050	.0025	.4450				
	.100	.0051	.3942				
	.200	.0105	.3369				
2	.010	.0109	.6482				
	.020	.0155	.6117				
	.050	.0252	.5561				
	.100	.0368	.5069				
	.200	.0545	.4496				
3	.010	.0370	.7351				
	.020	.0475	.7029				
	.050	.0667	.6525				
	.100	.0873	.6066				
	.200	.1158	.5517				
4	.010	.0768	.8091				
	.020	.0932	.7817				
	.050	.1216	.7376				
	.100	.1500	.6965				
	.200	.1876	.6458				

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Table A.4. Upper tail probabilities for the null distribution of Wilcoxon's signed rank T^+ statistic: $n = 3(1)15$

For a given n , the table entry for the point x is $P_0\{T^+ > x\}$. Under these conditions, if x is such that $P_0\{T^+ > x\} = \alpha$, then $t(\alpha, n) = x$.

x	n								
	3	4	5	6	7	8	9		
3	.625								
4	.375								
5	.250	.562							
6	.125	.438							
7		.312							
8		.188	.500						
9		.125	.406						
10		.062	.312						
11			.219	.500					
12			.156	.422					
13			.094	.344					
14			.062	.281	.531				
15			.031	.219	.469				
16				.156	.406				
17				.109	.344				
18				.078	.289	.527			
19				.047	.234	.473			
20				.031	.188	.422			
21				.016	.148	.371			
22					.109	.320			
23					.078	.273	.500		
24					.055	.230	.455		
25					.039	.191	.410		
26					.023	.156	.367		
27					.016	.125	.326		
28					.008	.098	.285		
29						.074	.248		
30						.055	.213		
31						.039	.180		
32						.027	.150		
33						.020	.125		
34						.012	.102		
35						.008	.082		
36						.004	.064		
37							.049		
38							.037		
39							.027		
40							.020		
41							.014		
42							.010		
43							.006		
44							.004		
45							.002		

Table A.4 (continued)

x	n					
	10	11	12	13	14	15
28	.500					
29	.461					
30	.423					
31	.385					
32	.348					
33	.312	.517				
34	.278	.483				
35	.246	.449				
36	.216	.416				
37	.188	.382				
38	.161	.350				
39	.138	.319	.515			
40	.116	.289	.485			
41	.097	.260	.455			
42	.080	.232	.425			
43	.065	.207	.396			
44	.053	.183	.367			
45	.042	.160	.339			
46	.032	.139	.311	.500		
47	.024	.120	.285	.473		
48	.019	.103	.259	.446		
49	.014	.087	.235	.420		
50	.010	.074	.212	.393		
51	.007	.062	.190	.368		
52	.005	.051	.170	.342		
53	.003	.042	.151	.318	.500	
54	.002	.034	.133	.294	.476	
55	.001	.027	.117	.271	.452	
56		.021	.102	.249	.428	
57		.016	.088	.227	.404	
58		.012	.076	.207	.380	
59		.009	.065	.188	.357	
60		.007	.055	.170	.335	.511
61		.005	.046	.153	.313	.489
62		.003	.039	.137	.292	.467
63		.002	.032	.122	.271	.445
64		.001	.026	.108	.251	.423
65		.001	.021	.095	.232	.402
66		.000	.017	.084	.213	.381
67			.013	.073	.196	.360
68			.010	.064	.179	.339
69			.008	.055	.163	.319
70			.006	.047	.148	.300
71			.005	.040	.134	.281
72			.003	.034	.121	.262
73			.002	.029	.108	.244
74			.002	.024	.097	.227
75			.001	.020	.086	.211
76			.001	.016	.077	.195
77			.000	.013	.068	.180

Table A.4 (continued)

x	n					
	10	11	12	13	14	15
78			.000	.011	.059	.165
79				.009	.052	.151
80				.007	.045	.138
81				.005	.039	.126
82				.004	.034	.115
83				.003	.029	.104
84				.002	.025	.094
85				.002	.021	.084
86				.001	.018	.076
87				.001	.015	.068
88				.001	.012	.060
89				.000	.010	.053
90				.000	.008	.047
91				.000	.007	.042
92					.005	.036
93					.004	.032
94					.003	.028
95					.003	.024
96					.002	.021
97					.002	.018
98					.001	.015
99					.001	.013
100					.001	.011
101					.000	.009
102					.000	.008
103					.000	.006
104					.000	.005
105					.000	.004
106						.003
107						.003
108						.002
109						.002
110						.001
111						.001
112						.001
113						.001
114						.000
115						.000
116						.000
117						.000
118						.000
119						.000
120						.000

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