

Table 1: Critical values for the signed ranks test.

For the given n , critical values for the signed ranks test are tabled corresponding to the upper one-sided and two-sided significance levels in the column headings.

n	<i>One-sided α</i>			
	.05	.025	.01	.005
	<i>Two-sided α</i>			
	.10	.05	.02	.01
5	1	—	—	—
6	2	1	—	—
7	4	2	0	—
8	6	4	2	0
9	8	6	3	2
10	11	8	5	3
11	14	11	7	5
12	17	14	10	7
13	21	17	13	10
14	26	21	16	13
15	30	25	20	16
16	36	30	24	19
17	41	35	28	23
18	47	40	33	28
19	54	46	38	32
20	60	52	43	37
21	68	59	49	43
22	75	66	56	49
23	83	73	62	55
24	92	81	69	61
25	101	90	77	68
26	110	98	85	76
27	120	107	93	84
28	130	117	102	92
29	141	127	111	100
30	152	137	120	109
31	163	148	130	118
32	175	159	141	128
33	188	171	151	138
34	201	183	162	149
35	214	195	174	160
36	228	208	186	171
37	242	222	198	183
38	256	235	211	195
39	271	250	224	208
40	287	264	238	221
41	303	279	252	234
42	319	295	267	248
43	336	311	281	262
44	353	327	297	277
45	371	344	313	292
46	389	361	329	307
47	408	379	345	323
48	427	397	362	339
49	446	415	380	356
50	466	434	398	373