

**Table 5** Critical values of  $T$  in the Wilcoxon Signed Ranks test

**Levels of significance for a one-tailed test**

	.05	.025	.01	.001
<b>Levels of significance for a two-tailed test</b>	.1	.05	.02	.002

Sample size $N = 5$	$T \leq 0$			
6	2	0		
7	3	2	0	
8	5	3	1	
9	8	5	3	
10	11	8	5	0
11	13	10	7	1
12	17	13	9	2
13	21	17	12	4
14	25	21	15	6
15	30	25	19	8
16	35	29	23	11
17	41	34	27	14
18	47	40	32	18
19	53	46	37	21
20	60	52	43	26
21	67	58	49	30
22	75	65	55	35
23	83	73	62	40
24	91	81	69	45
25	100	89	76	51
26	110	98	84	58
27	119	107	92	64
28	130	116	101	71
29	141	125	111	78
30	151	137	120	86
31	163	147	130	94
32	175	159	140	103
33	187	170	151	112

Calculated  $T$  must be equal to or less than the table (critical) value for significance at the level shown.  
 SOURCE: Adapted from R. Meddis, *Statistical Handbook for Non-Statisticians*, McGraw-Hill, London (1975).