

## Critical Values for the Wilcoxon Signed-Rank Test

<i>n</i>	$\alpha$			
	.005 (one tail) .01 (two tails)	.01 (one tail) .02 (two tails)	.025 (one tail) .05 (two tails)	.05 (one tail) .10 (two tails)
5	*	*	*	1
6	*	*	1	2
7	*	0	2	4
8	0	2	4	6
9	2	3	6	8
10	3	5	8	11
11	5	7	11	14
12	7	10	14	17
13	10	13	17	21
14	13	16	21	26
15	16	20	25	30
16	19	24	30	36
17	23	28	35	41
18	28	33	40	47
19	32	38	46	54
20	37	43	52	60
21	43	49	59	68
22	49	56	66	75
23	55	62	73	83
24	61	69	81	92
25	68	77	90	101
26	76	85	98	110
27	84	93	107	120
28	92	102	117	130
29	100	111	127	141
30	109	120	137	152

### NOTES:

1. \* indicates that it is not possible to get a value in the critical region.
2. Reject the null hypothesis if the test statistic  $T$  is less than or equal to the critical value found in this table. Fail to reject the null hypothesis if the test statistic  $T$  is greater than the critical value found in the table.

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