

12.6: Critical Values for the Wilcoxon Signed Rank Test

The following table provides critical values at $\alpha = 0.05$ for the Wilcoxon signed rank test where n is the number of samples in the data set. An entry of NA means the test cannot be applied. The null hypothesis of no difference between the samples can be rejected when the test statistic is less than or equal to the critical values for the number of samples.

Table 12.6.1: Critical Values for Wilcoxon Signed Rank Test with $\alpha = 0.05$

n	one-tailed test	two-tailed test
5	0	NA
6	2	0
7	3	2
8	5	3
9	8	5
10	10	8
11	13	10
12	17	13
13	21	17
14	25	21
15	30	25
16	35	30
17	41	35
18	47	40
19	53	46
20	60	52

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