

➔ **Wilcoxon Signed Ranks Test**

Ranks

		N	Mean Rank	Sum of Ranks
Score After - Score Before	Negative Ranks	2 ^a	2.25	4.50
	Positive Ranks	7 ^b	5.79	40.50
	Ties	1 ^c		
	Total	10		

a. Score After < Score Before

b. Score After > Score Before

c. Score After = Score Before

Test Statistics^a

	Score After - Score Before
Z	-2.136 ^b
Asymp. Sig. (2-tailed)	.033

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Runs Test

	Coding of Outcome
Test Value ^a	1
Cases < Test Value	14
Cases >= Test Value	17
Total Cases	31
Number of Runs	23
Z	2.267
Asymp. Sig. (2-tailed)	.023

a. Median

Mann-Whitney Test

Ranks

Gender of participants		N	Mean Rank	Sum of Ranks
Time in Minutes	men	13	13.08	170.00
	women	12	12.92	155.00
	Total	25		

Test Statistics^a

	Time in Minutes
Mann-Whitney U	77.000
Wilcoxon W	155.000
Z	-.054
Asymp. Sig. (2-tailed)	.957
Exact Sig. [2*(1-tailed Sig.)]	.979 ^b

a. Grouping Variable: Gender of participants

b. Not corrected for ties.