

NPar Tests

Wilcoxon Signed Ranks Test

Ranks		N	Mean Rank	Sum of Ranks
SH_Mental - MH_Mental	Negative Ranks	15 ^a	12.87	193.00
	Positive Ranks	10 ^b	13.20	132.00
	Ties	5 ^c		
	Total	30		
SH_Physical - MH_Physical	Negative Ranks	18 ^d	9.86	177.50
	Positive Ranks	1 ^e	12.50	12.50
	Ties	11 ^f		
	Total	30		
SH_Frustration - MH_Frustration	Negative Ranks	18 ^g	12.92	232.50
	Positive Ranks	6 ^h	11.25	67.50
	Ties	6 ⁱ		
	Total	30		
SH_Performance - MH_Performance	Negative Ranks	3 ^j	12.50	37.50
	Positive Ranks	24 ^k	14.19	340.50
	Ties	3 ^l		
	Total	30		
SH_Effort - MH_Effort	Negative Ranks	24 ^m	14.33	344.00
	Positive Ranks	3 ⁿ	11.33	34.00
	Ties	3 ^o		
	Total	30		

- a. SH_Mental < MH_Mental
- b. SH_Mental > MH_Mental
- c. SH_Mental = MH_Mental
- d. SH_Physical < MH_Physical
- e. SH_Physical > MH_Physical
- f. SH_Physical = MH_Physical
- g. SH_Frustration < MH_Frustration
- h. SH_Frustration > MH_Frustration
- i. SH_Frustration = MH_Frustration
- j. SH_Performance < MH_Performance
- k. SH_Performance > MH_Performance
- l. SH_Performance = MH_Performance
- m. SH_Effort < MH_Effort
- n. SH_Effort > MH_Effort
- o. SH_Effort = MH_Effort

o. SH_Effort = MH_Effort

Test Statistics^a

	SH_Mental - MH_Mental	SH_Physical - MH_Physical	SH_Frustration - MH_Frustration	SH_Performance - MH_Performance
Z	-.827 ^b	-3.344 ^b	-2.373 ^b	-3.661 ^c
Asymp. Sig. (2-tailed)	.408	<.001	.018	<.001

Test Statistics^a

	SH_Effort - MH_Effort
Z	-3.763 ^b
Asymp. Sig. (2-tailed)	<.001

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.