

TABLE 18.7 SPSS Output Table for the Wilcoxon Signed-Ranks *T* Test**Ranks**

		N	Mean Rank	Sum of Ranks
after - before	Negative Ranks	10 ^a	6.80	68.00
	Positive Ranks	2 ^b	5.00	10.00
	Ties	0 ^c		
	Total	12		

a. after < before

b. after > before

c. after = before

Test Statistics^b

	after - before
Z	-2.275 ^a
Asymp. Sig. (2-tailed)	.023

a. Based on positive ranks.

b. Wilcoxon Signed Ranks Test