

TABLE 9.5

SPSS Output Table for the One-Sample *t* Test

The value of the sample mean is 62.00.

Estimated standard error is the denominator of the test statistic.

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
health	18	62.00	20.942	4.936

The difference between the sample mean and the comparison value of 77.43. This value is the numerator for the test statistic.

One-Sample Test

	Test Value = 77.43					
	t	df	Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference	
					Lower	Upper
health	-3.126	17	.006	-15.430	-25.84	-5.02

$$df = n - 1.$$

The value of the test statistic.

The likelihood is low ($p = .006$) that relatives who care for patients with OCD have mean social functioning scores equal to those in the general healthy population.