

```
T-TEST PAIRS=Weight_Before WITH Weight_After (PAIRED)
/ES DISPLAY(TRUE) STANDARDIZER(SD)
/CRITERIA=CI (.9500)
/MISSING=ANALYSIS.
```

T-Test

[DataSet5] D:\SPSS\Exp4\Data.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Weight_Before	202.80	10	15.775	4.988
	Weight_After	182.80	10	14.211	4.494

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1	Weight_Before & Weight_After	10	.957 .000

Paired Samples Test

	Paired Differences			95% Confidence ...
	Mean	Std. Deviation	Std. Error Mean	Lower
Pair 1	Weight_Before - Weight_After	20.000	4.667	1.476 16.662

Paired Samples Test

	Paired ...	95% Confidence Interval of the ...	Upper	t	df	Sig. (2-tailed)
Pair 1	Weight_Before - Weight_After		23.338	13.553	9	.000

Paired Samples Effect Sizes

		Standardizer ^a	Point Estimate	95% ...
				Lower
Pair 1	Weight_Before - Weight_After	Cohen's d	4.667	4.286
		Hedges' correction	4.873	4.104

Paired Samples Effect Sizes

		95% ...	
		Upper	
Pair 1	Weight_Before - Weight_After	Cohen's d	6.318
		Hedges' correction	6.050

a. The denominator used in estimating the effect sizes.

Cohen's d uses the sample standard deviation of the mean difference.

Hedges' correction uses the sample standard deviation of the mean difference, plus a correction factor.