

TABLE 9.12

SPSS Output Table for the Two-Independent-Sample *t* Test

| Group Statistics | | | | |
|------------------|---|--------|----------------|-----------------|
| groups | N | Mean | Std. Deviation | Std. Error Mean |
| intake Slowly | 6 | 600.00 | 154.919 | 63.246 |
| Fast | 6 | 650.00 | 130.384 | 53.229 |

| Independent Samples Test | | | | | | | | | |
|--------------------------|-----------------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|
| | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | |
| | | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |
| intake | Equal variances assumed | .132 | .724 | -.605 | 10 | .559 | -\$0.000 | 82.664 | -234.187 134.187 |
| | Equal variances not assumed | | | -.605 | 9.717 | .559 | -\$0.000 | 82.664 | -234.917 134.917 |

Degrees of freedom:

$$N - 2 = 10.$$

The numerator (left) and denominator (right) of the test statistic.

We assume equal variances, so read the values in the first row.

The value of the test statistic.

The likelihood that something other than the manipulation (eating slowly or fast) produced differences between groups is $p = .559$.