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Unpaired *t* test results

P value and statistical significance:

The two-tailed P value equals 0.2455

By conventional criteria, this difference is considered to be not statistically significant.

Confidence interval:

The mean of Group One minus Group Two equals -0.1400

95% confidence interval of this difference: From -0.3766 to 0.0966

Intermediate values used in calculations:

t = 1.1626

df = 582

standard error of difference = 0.120

Learn more:

GraphPad's web site includes portions of the manual for GraphPad Prism that can help you learn statistics. First, review the meaning of [P values](#) and [confidence intervals](#). Then learn how to interpret results from an [unpaired](#) or [paired t](#) test. These links include GraphPad's popular *analysis checklists*.

Review your data:

Group	Group One	Group Two
Mean	-0.2400	-0.1000
SD	1.3670	1.5379
SEM	0.0800	0.0900
N	292	292



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