

t-test

Thursday, May 25, 2017, 12:03:06

Data source: sirius red in Notebook

Normality Test: Passed (P > 0.200)

Equal Variance Test: Failed (P = 0.003)

Group Name	N	Missing	Mean	Std Dev	SEM
3M-CD	21	0	8.637	5.890	1.285
3M-HF	16	0	17.820	10.713	2.678

Difference -9.182

t = -3.331 with 35 degrees of freedom. (P = 0.002)

95 percent confidence interval for difference of means: -14.779 to -3.586

The difference in the mean values of the two groups is greater than would be expected by chance; there is a statistically significant difference between the input groups (P = 0.002).

Power of performed test with alpha = 0.050: 0.888