

# SA\_#28\_Samson

Justine Aizel Samson

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```
## $'Low-Carb, Low Intensity'
##
##  Shapiro-Wilk normality test
##
## data:  lowcarb_lowintensity
## W = 0.78894, p-value = 0.06565
##
##
## $'Low-Carb, High Intensity'
##
##  Shapiro-Wilk normality test
##
## data:  lowcarb_highintensity
## W = 0.75553, p-value = 0.03346
##
##
## $'Low-Fat, Low Intensity'
##
##  Shapiro-Wilk normality test
##
## data:  lowfat_lowintensity
## W = 0.76333, p-value = 0.03936
##
##
## $'Low-Fat, High Intensity'
##
##  Shapiro-Wilk normality test
##
## data:  lowfat_highintensity
## W = 0.79828, p-value = 0.07846

## Levene's Test for Homogeneity of Variance (center = median)
##      Df F value Pr(>F)
## group  3  0.0019 0.9999
##      16

##              Df Sum Sq Mean Sq F value Pr(>F)
## Diet.Type      1  7.442    7.442   5.545 0.0316 *
## Exercise.Intensity 1  1.922    1.922   1.432 0.2488
## Diet.Type:Exercise.Intensity 1  0.032    0.032   0.024 0.8792
## Residuals     16 21.472    1.342
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

Interaction Plot: Diet Type and Exercise Intensity on Weight Loss

