SOFTWARE

STATISTICS FOR DUMMIES

20.07.2018

This is how we did it for ages

```
# devtools::install_github("neuropsychology/psycho.R")
library(psycho)

df <- psycho::affective
aov_results <- aov(Adjusting ~ Sex * Salary, data=df)
              Df Sum Sq Mean Sq F value Pr(>F)
Sex            1   35.9   35.94  18.162 2.25e-05 ***
Salary         2    9.4    4.70   2.376   0.0936 .
Sex:Salary     2    3.0    1.51   0.761   0.4674
Residuals    859 1699.9    1.98
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
386 observations deleted due to missingness
```

And this is what R-bloggers recommends

```
analyze(aov_results)
The effect of Sex is significant (F(1, 859) = 18.16, p < .001) and can
be considered as small (Partial Omega-squared = 0.019).
The effect of Salary is not significant (F(2, 859) = 2.38, p = 0.09°)
and can be considered as very small (Partial Omega-squared = 0.0032).
The interaction between Sex and Salary is not significant (F(2, 859) =
0.76, p > .1) and can be considered as very small (Partial
Omega-squared = 0).
```

Seriously!

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