Example illustrating how order matters for the coefficients and anova table

```
> Full <- lm(HeadCirc~Height+Male+RtArm, data=Caps)
> summary(Full)

Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept)  43.1582     5.2866   8.164 1.07e-10 ***
Height        0.2373     0.1036   2.290   0.0264 *
Male          1.4108     0.6686   2.110   0.0400 *
RtArm        -0.1226     0.1716  -0.715   0.4782

Residual standard error: 1.721 on 49 degrees of freedom
Multiple R-squared:  0.4141, Adjusted R-squared:  0.3783
F-statistic: 11.55 on 3 and 49 DF,  p-value: 7.667e-06

Analysis of Variance Table
            Df  Sum Sq Mean Sq   F value     Pr(>F)
Height       1  87.674  87.674  29.6126 1.674e-06 ***
Male         1  13.369  13.369   4.5154   0.03866 *
RtArm        1   1.512   1.512   0.5107   0.47825
Residuals 49 145.074   2.961
```

```
lm(formula = HeadCirc ~ RtArm + Height + Male, data = Caps)

Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept)  43.1582     5.2866   8.164 1.07e-10 ***
RtArm        -0.1226     0.1716  -0.715   0.4782
Height        0.2373     0.1036   2.290   0.0264 *
Male          1.4108     0.6686   2.110   0.0400 *

Residual standard error: 1.721 on 49 degrees of freedom
Multiple R-squared: 0.4141, Adjusted R-squared: 0.3783
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> anova(NewFull)

Analysis of Variance Table
            Df  Sum Sq Mean Sq   F value     Pr(>F)
RtArm       1  37.479  37.479  12.6590 0.0008412 ***
Height      1  51.894  51.894  17.5280 0.0001173 ***
Male        1  13.181  13.181   4.4520 0.0399913 *
Residuals 49 145.074   2.961
```