We can do ANCOVA like this too - let's consider our co-variate of Gaming frequency…

The *adjusted* means from the ANCOVA (which take into consideration the influence of the covariate) were:

Water Group = 7.33

Double Espresso Group = 6.32

Single Espresso Group = 6.87

Ability = Intercept + *β1(*Gaming) + *β2*(Double Espresso) + *β3*(Single Espresso) + *ε*

Add the covariate to our model *before* the experimental factor:

```
> lm2 <- lm(Ability ~ Gaming + Condition, data = cond)
> lm2

Call:
lm(formula = Ability ~ Gaming + Condition, data = cond)

Coefficients:
          (Intercept)                      Gaming  ConditionDouble Espresso  ConditionSingle Espresso
              -3.4498                      0.8538                   -1.0085                   -0.4563
```