Lab 1.1 - ARMD Trial

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$$\text{VISUAL}_{it} = \beta_{0t} + \beta_1 \cdot \text{VISUAL0}_i + \beta_{2t} \cdot \text{TREAT}_i + \epsilon_{it} , \quad \epsilon_{it} \sim \mathcal{N}(0, \sigma^2)$$

for patient i $(i = 1, ..., 234)$
at time t with $t = 1\,(4 \text{ weeks}),\ 2\,(12 \text{ weeks}),\ 3\,(24 \text{ weeks}),\ 4\,(52 \text{ weeks})$

```
library(nlme)
lm1.form <- visual ~ -1 + visual0 + time.f + treat.f:time.f
```

Model 6.1

```
fm6.1 <- lm(lm1.form, data = armd)
```