glmm test

Fit the original model

```
m1 <- lmer(Reaction ~ Days + (1 | Subject) + (0 + Days | Subject), ss)

summary(m1)
```

```
## Linear mixed model fit by REML ['lmerMod']
## Formula: Reaction ~ Days + (1 | Subject) + (0 + Days | Subject)
##    Data: ss
##
## REML criterion at convergence: 1580.8
##
## Scaled residuals:
##     Min      1Q  Median      3Q     Max
## -3.8827 -0.4678  0.0175  0.4966  4.9724
##
## Random effects:
##  Groups     Name        Variance Std.Dev.
##  Subject    (Intercept) 703.38   26.521
##  Subject.1  Days         35.34    5.945
##  Residual               687.02   26.211
## Number of obs: 162, groups:  Subject, 18
##
## Fixed effects:
##             Estimate Std. Error t value
## (Intercept)  251.552      7.324   34.35
## Days          10.379      1.573    6.60
##
## Correlation of Fixed Effects:
##      (Intr)
## Days -0.199
```

Fix the params

Let's **force** the estimates to be 700 and 30.

```
dd <- as.function(m1)

ff <- dd(c(sqrt(700), sqrt(30)))

environment(dd)$pp$beta(1)  ## values of the new estimates
```

```
## [1] 251.37030  10.37071
```