

```
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## R-sq.(adj) =  0.453   Deviance explained = 51.6%
## GCV = 0.34495   Scale est. = 0.30388    n = 209
```

Results for main text:

```
res = summary(bm)$p.table
res = cbind(res,Factor=10^(res[, "Estimate"]))
# Exponentiating the coefficients to get multiplicative factor
print.model.summary(res[2,5],res[2,3],res[2,4],units="x",effect.word="factor")

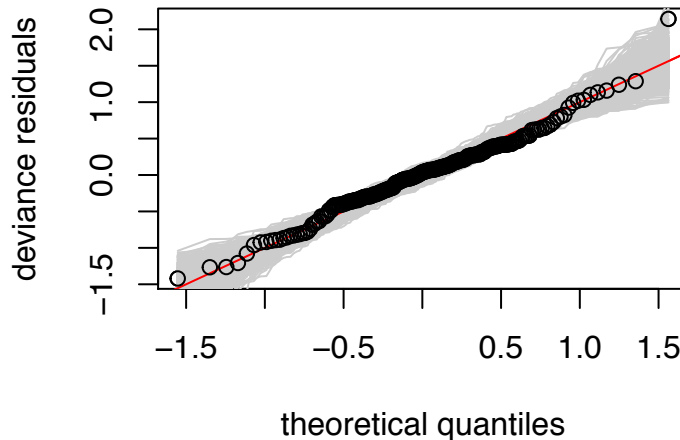
## [1] "factor = 6.4x, t = 3.72, P = 0.0003"

# Interaction
print.model.summary(10^(res[9,1]+res[2,1]),res[9,3],res[9,4],units="x",effect.word="factor")

## [1] "factor = 46x, t = 2.91, P = 0.0041"
```

No evidence of any deviation; all points within the bounds of the simulated datasets.

```
qq.gam(bm,rep=1000,pch=1,level=1)
```



No evidence of any deviation or structure.

```
plot.lme(bm,type=c("p","smooth"),col.line="black")
```