

```
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## R-sq.(adj) =  0.601   Deviance explained = 65.9%
## GCV = 4.4118   Scale est. = 3.7515       n = 189
```

Results for main text:

```
res = summary(bm)$p.table
print.model.summary(res[2,1],res[2,3],res[2,4],units="m/s",effect.word="effect")
```

```
## [1] "effect = -1.7 m/s, t = -2.10, P = 0.0372"
```

```
# Interaction - 2012
print.model.summary(res[7,1]+res[2,1],res[7,3],res[7,4],units="m/s",
  effect.word="effect with interaction")
```

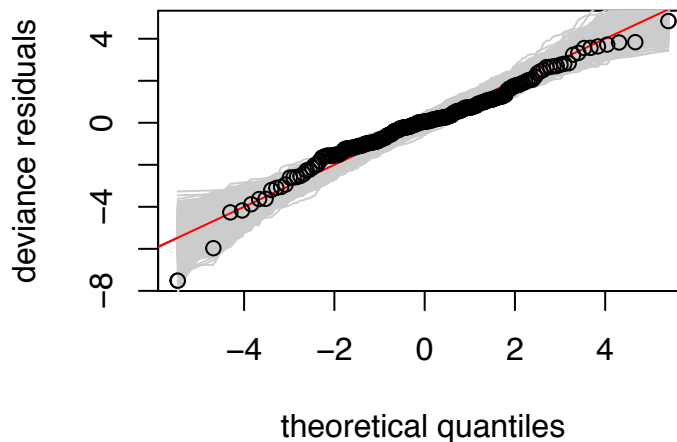
```
## [1] "effect with interaction = -5.4 m/s, t = -2.38, P = 0.0183"
```

```
# Interaction - 2015
print.model.summary(res[9,1]+res[2,1],res[9,3],res[9,4],units="m/s",
  effect.word="effect with interaction")
```

```
## [1] "effect with interaction = -4.3 m/s, t = -2.52, P = 0.0127"
```

No strong 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")
```