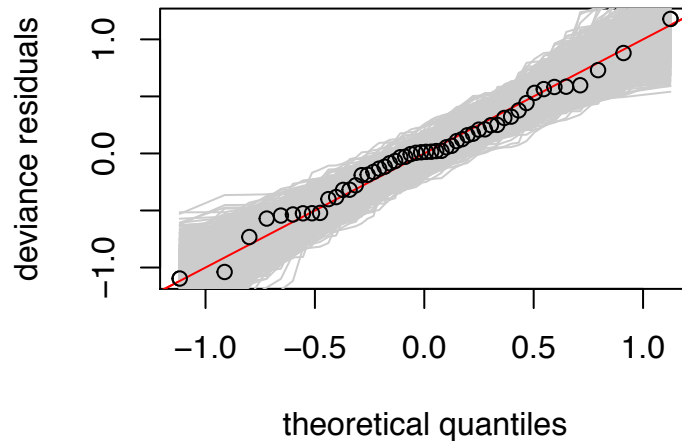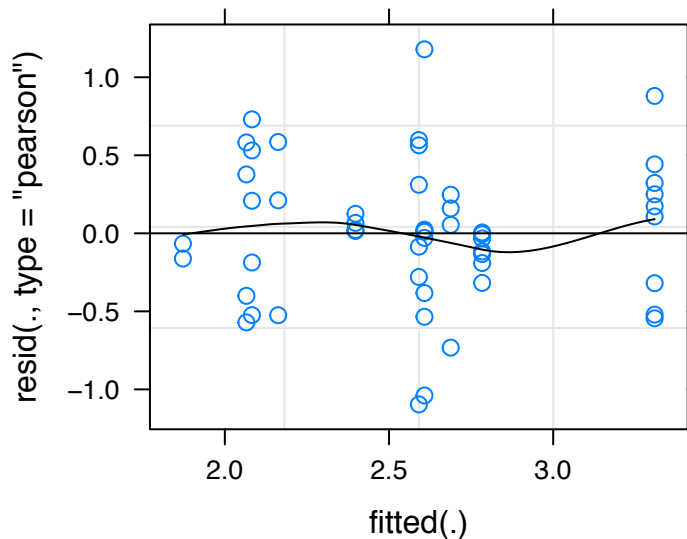No evidence for any deviation.

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


Negligible structure in the residuals.

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


1.5º elevation angle

This section runs the same models as the previous section, but with data from the high-altitude radar scan.

```
m1 = gam(logst(val)~light*year,data=light.df.g %>% filter(elev==1.5 & the.type=="max.nbirds"))
m2 = gam(logst(val)~light+year,data=light.df.g %>% filter(elev==1.5 & the.type=="max.nbirds"))
m3 = gam(logst(val)~light,data=light.df.g %>% filter(elev==1.5 & the.type=="max.nbirds"))
AIC(m1,m2,m3)
```

```
##      df      AIC
## m1 11 141.5482
## m2  7 136.9647
## m3  3 141.4726
```

```
bm = m2
```