```
> ONC<-read.csv("PANE_AcousticData.csv")
> m1<-gamm(data=ONC,dB~Covid+s(Month),family="quasipoisson")

 Maximum number of PQL iterations:   20
iteration 1
iteration 2
> qqnorm(residuals(m1$gam))
> summary(m1$gam)

Family: quasipoisson
Link function: log

Formula:
dB ~ Covid + s(Month)

Parametric coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  4.224673   0.003385 1248.21   <2e-16 ***
Covidyes    -0.113332   0.007985  -14.19   <2e-16 ***
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Approximate significance of smooth terms:
           edf Ref.df     F  p-value
s(Month) 6.028  6.028 11.18 6.66e-10 ***
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

R-sq.(adj) =  0.738
  Scale est. = 0.054723  n = 103
> ((10^(exp(4.224673-0.113332)/10)-10^(exp(4.224673)/10))/10^(exp(4.224673)/10))*100
[1] -81.48024
```
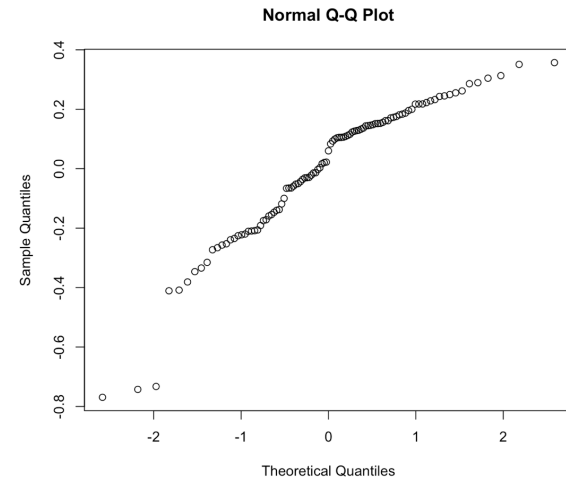

Normal Q-Q Plot

Decrease by 81%