

Biomass by Nest Size

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Biomass per capita calculated as insect biomass over total number of adult females

Analysis of Variance Table of type III with Satterthwaite approximation for degrees of freedom

	Sum Sq	Mean Sq	NumDF	DenDF	F.value	Pr(>F)
log10AdFm	0.7687	0.7687	1	35.383	8.7373	0.005519 **

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Data: Biomass

Models:

object: BiomsPerAdFm ~ (1 | ColonyID) + (1 | Date)

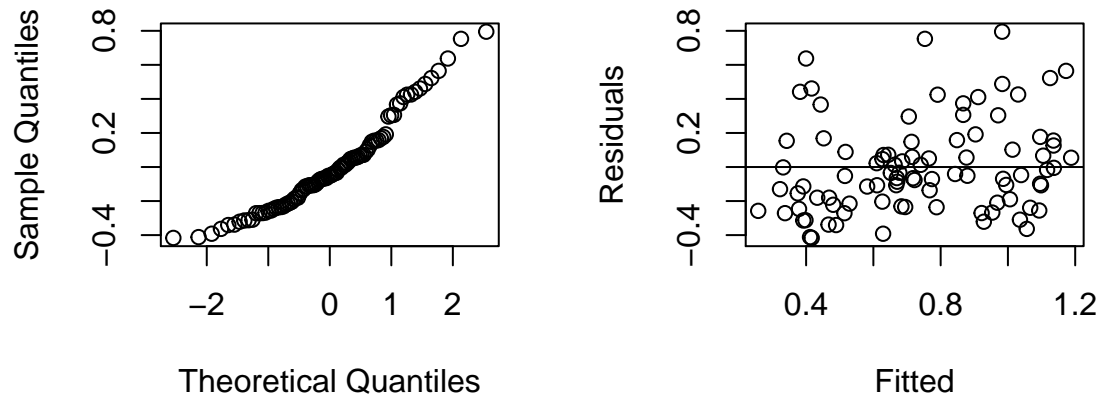
..1: BiomsPerAdFm ~ log10AdFm + (1 | ColonyID) + (1 | Date)

	Df	AIC	BIC	logLik	deviance	Chisq	Chi	Df	Pr(>Chisq)
object	4	76.162	86.205	-34.081	68.162				
..1	5	72.300	84.854	-31.150	62.300	5.8619		1	0.01547 *

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Checking full model fit

```
(BiomsPerAdFm ~ log10AdFm + (1 | ColonyID) + (1 | Date))()
```



Graph of biomass against nest size

