

Condition vs Nest Size Up Step model addition

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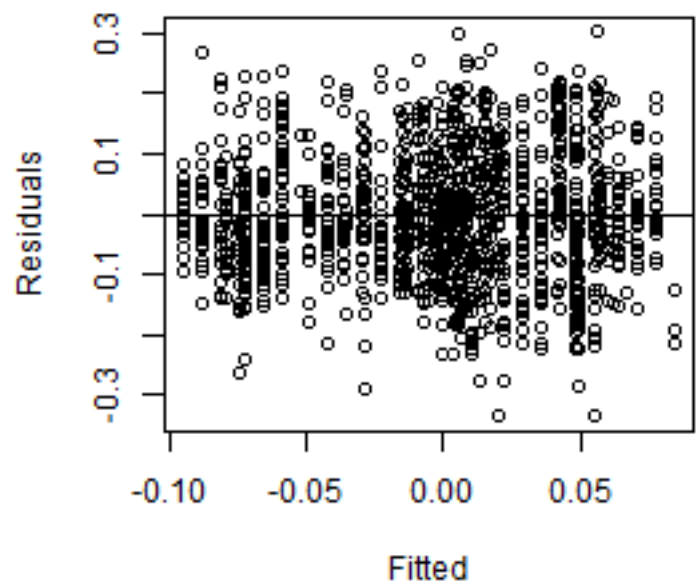
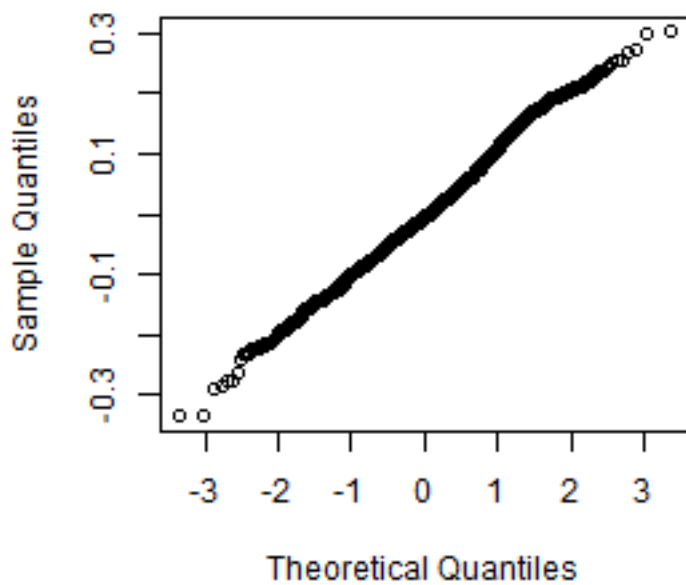
Model Addition

FALSE Error in eval(expr, envir, enclos): could not find function "upStepwiseLmer"

Final model is condResiduals ~ logCtFm + InstarNumber + (1 | NestID)

Checking full model fit

Condition=log(ColonySize) + InstarAge + (1|Colony)



Graph with full model superimposed

Model:

```
condResiduals ~ logCtFm + InstarNumber + (1 | NestID)
```

Note: If line on graph is blue R could not plot the lmer, plotting a simple lm instead[1] "lmer"

Warning: Removed 1 rows containing missing values (geom_point).

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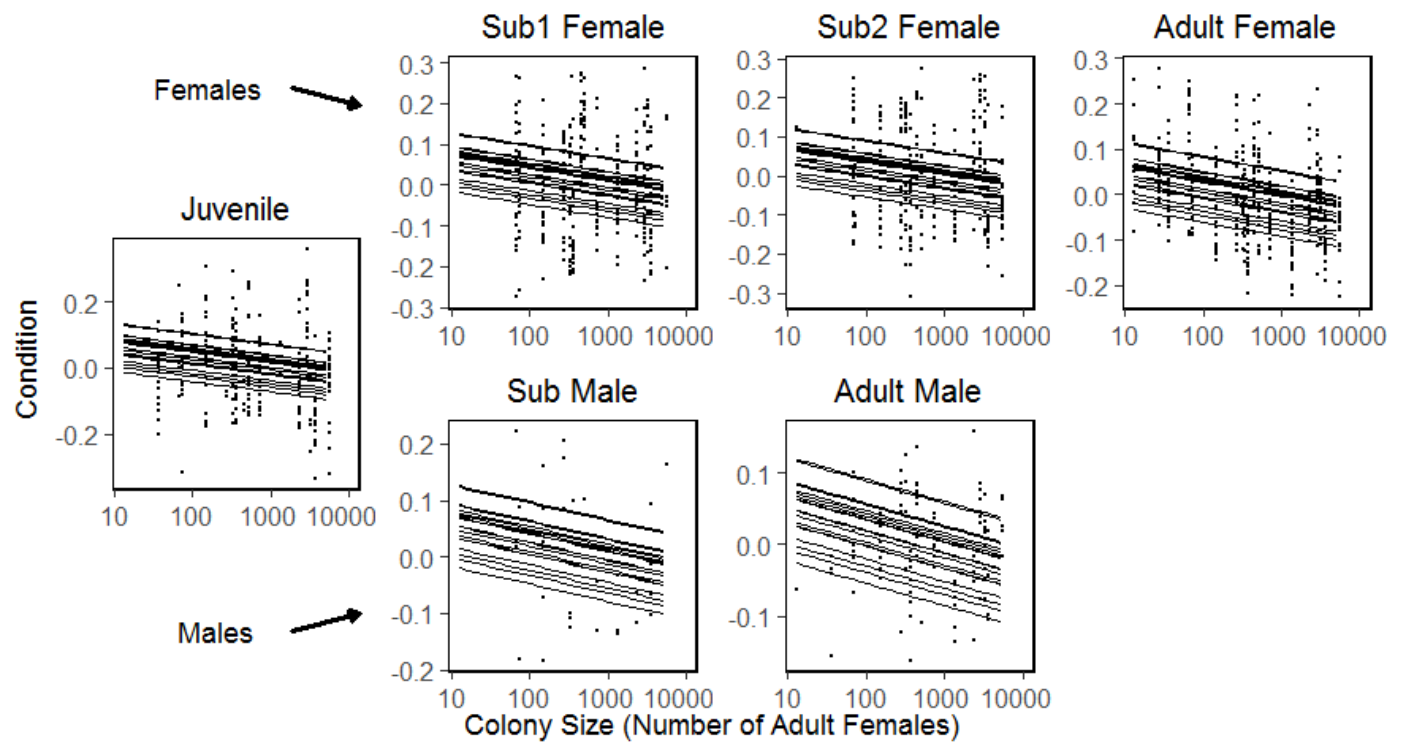


Figure 1: plot of chunk Graph