**For you:**

* Should we keep some data out for model evaluation
* For fitting: Bolker et al (2009) discusses four fitting methods and the advantages and disadvantages for each. They are: Penalized quasilikelihood, Laplace approximation, Gauss-Hermite quadrature and MCMC. Which should we use?
* They also discuss how to test hypotheses for ME models and compare Wald tests (Z,t, chi squared, and F), Likelihood ratio test, and Information criteria, and DIC. Which should we use?
* Which link function? (logit, probit, log log)

**Talk about:**

* How are we modelling?
  + Determine relevant covariates beforehand?
  + After first model if some don’t look relevant do we remove? One at a time?
* Which covariates to include? Just main effects?
* How is the reflex data involved?
  + Do we use it to estimate for each traptreatment the probability they survive after the experiment and then combine that with the probability of survival during the experiment to get total Ps?

Lets talk about the Stoner paper

* Probably out of scope but we could think about relationship between fixed and random effects and specific reflexes or sum of reflexes?

~ N(0,)

(0,)

~ N(0,)