# Packages  
pacman::p\_load("lme4", "tidyverse", "MASS", "brms", "MCMCglmm", "quantreg","lmerTest", "emmeans", "latex2exp", "DHARMa", "tidybayes", "bayesplot", "rstanarm", "plotrix", "emmeans", "patchwork", "ggExtra")  
# Equation can be written in latex through markdown

# Statistical Analysis

# Results