THIS EXAMPLE MIGHT NOT BE THE BEST BECAUSE THE RESPONSE IS USUALLY A COUNT FOR POISSON REGRESSION RATHER THAN PREDICTOR.

Find better example where outcome is a count.

Effects of Parasitism on Performance (lizard\_sprint\_tick.csv)

[Link to paper](https://www.researchgate.net/publication/323580643_Fire-disturbed_landscapes_induce_phenotypic_plasticity_in_lizard_locomotor_performance)

1. Is there a relationship between hind limb length (HLL) and sprint performance (Max\_25cm or Max\_2m)? Is this better described by a traditional linear model (OLS) or by a GLM with some other specified error and ‘link’ functions?
2. Does level of parasitism (#ticks) modify the relationship between hind limb length (HLL) and sprint performance (Max\_25cm or Max\_2m)?
3. Is sprint speed different between treatments after accounting for both hind limb length (HLL) AND level of parasitism (#ticks)? (hint: use library(emmeans) for pairwise comparisons of covariate-adjusted means)