

A black and white night-vision photograph of a cat standing in a dark, enclosed space, possibly a tunnel or under a structure. The cat's eyes are glowing brightly, and its body is illuminated by the camera's light. The background is dark and textured, with some grass visible in the foreground.

Rodent road ecology in south Texas and the potential bottom- up effects on rodent predators

Proposal Presentation

Background Info and Data Collection

- Study Area on SH 100
- Overall purpose of project is wildlife road mortality mitigation
- Camera data for rodents
- Camera data for predators



Data Analysis

- Data converted to .csv using R and 30-minute interval independent interactions are generated
- Diel patterns are generated utilizing python (Activity package in R possibly as well)
- PERMANOVA or ANOSIM are run using vegan package in R
- Rodent activity correlation to predator abundance analyzed using a regression on a scatterplot in python



Questions?

