



The Rise of Light: The Influence of Artificial Light on Cricket Behavior and Physiology

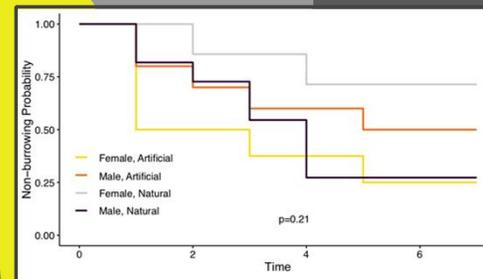
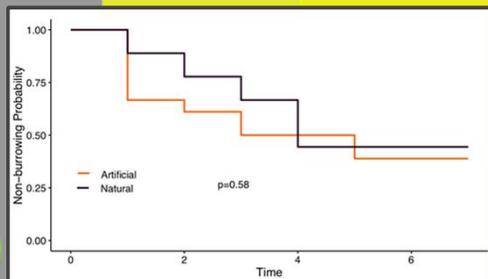
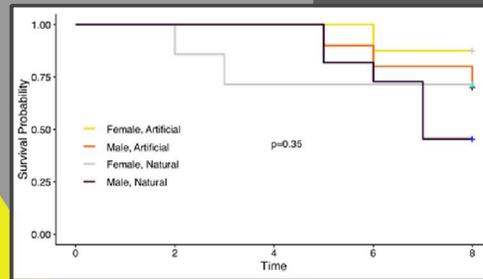
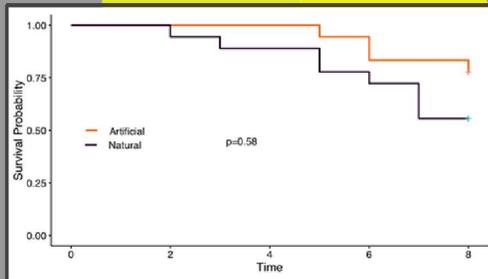
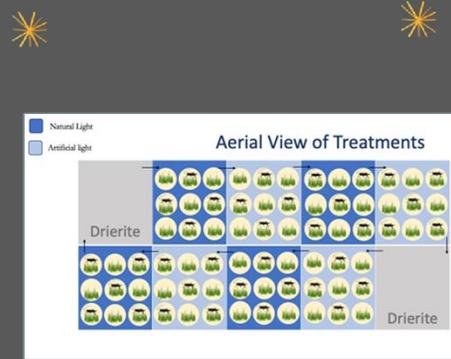
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Predictions

Cricket under the artificial light environments will decrease in body composition and will burrow more due to increased stress from the excess light.

Methods

We used a growth chamber to determine the impact of artificial light on crickets. treatments, one kept at 0.3 lux for an artificial light environment, and 0.001 lux for a natural light environment.



Results

Cricket in artificial light treatments had higher probability of survival and burrowing behavior. Burrowing behavior may be a reaction to the stressful light environment.