Bats: City Slickers or Country Bumpkins?

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**Goal & Hypothesis**
To evaluate the presence of bat species in northeastern New York and whether they prefer urban or rural landscapes.

- We predicted greater bat diversity in rural habitats.

**Methods**

**Bat Species**

- Little brown bat (Myotis lucifugus)
- Hoary bat (Myotis leibii)

**Detection Frequency**

- Urban habitat= developed low & medium intensity
- Rural habitat= deciduous forest

- 80% similarity between urban & rural bat communities.
- Urban bat communities more species rich.
- Rural habitat had greater overall frequency of detections.
- Hoary bat was the most detected species.

**Take Homes**

- Bats in our region seem to adjust to using artificial structures & have benefit of urban forest tracts, Saranac River corridor, and Lake Champlain.