Thursday Lecture

2024-10-03

**Occupancy modeling for wildlife habitat analyses, Part II**

Quiz:

? *xx*

? *xx*

**Use**

* Know the difference between Use vs Available vs non-use
* What kind of information do you get from use?
  + You don’t get data about what they **didn’t** choose
  + Examples of use data:
    - Diet data
    - Heterogeneous landscapes
    - You can have data points with gaps in between – you don’t’ know if they are used vs available
    - iNaturalist data of finds
    - Telemetry data (VHF)
* Preference vs Selection
  + An animal may prefer a certain type of habitat but SELECTION is when there is only some sort of habitat available, so they have a sequence of processes in which you go through in choosing from what is available.
  + Example: Preferring Meat Lovers pizza but when there is only pepperoni versus cheese, what is the process of selection