Olivia Guswiler

Lecture Assignment 6

2024-10-08

1. What are the two ways by which scale is explicitly measured? How are these approaches different? Hint: The optional Wiens (1989) has a whole subsection on the two ways by which, not over which, scale is measured.
2. Think of your study species or any other wildlife species of interest. What specific information might you use about this species (e.g., its life history or ecology) to define one or more biologically relevant scales at which to measure habitat selection?
3. Describe in your own words what it means to “optimize” the scale of each habitat variable in a habitat selection analysis (see McGarigal et al. 2016)?