

What does your space-use estimate mean?

Concept: Occurrence distributions

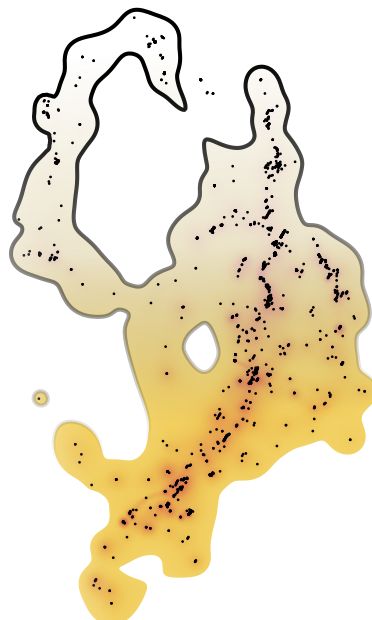
Estimating the space potentially used by animals during the sampling period, essentially estimates of uncertainty between known locations.

Distribution: Occurrence distribution

Contour: Confidence area

Predictive scope: Within sample interpolation

Example question: What resources are used by species A?



*e.g., dynamic Brownian
Bridge Movement
Models*

Range distributions

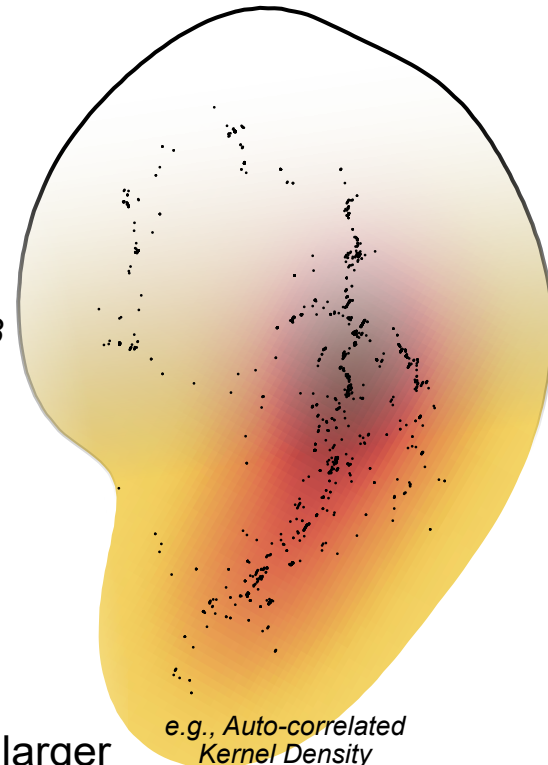
Estimating the space requirements of animals, corresponding to Burt's 1943 concept of home range.

Utilisation distribution

Home range

Beyond sample extrapolation

Does species A have a larger home range than species B?



*e.g., Auto-correlated
Kernel Density
Estimates*