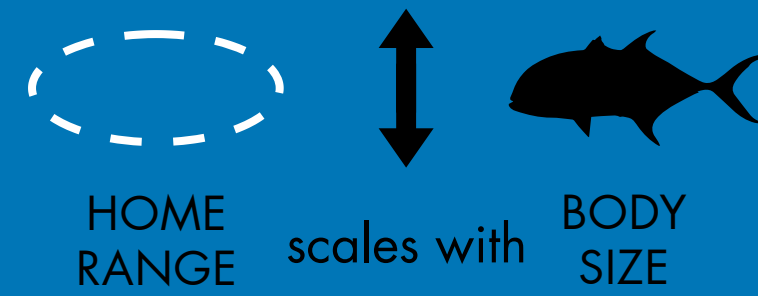


Giant trevally (GT) are important reef predators and popular game fish.

GT were tracked with acoustic tags across the Amirantes, Seychelles, to reveal where they go, when and why.




GIANT TREVALLY IN SEYCHELLES

- WHO GOES WHERE?



AVG HOME RANGE (KM²)

A home range may be defined as the common area an animal repeatedly uses and has implications for important ecological processes that the animal needs to survive.

-  JUVENILE (< 60 cm FL)
 -  ADULT small (60 – 100 cm FL)
 -  ADULT large (> 100 cm FL)
- FL: (Fork length) The length of a fish from the tip of its nose to the middle of the caudal fin rays.

Juveniles showed focused use of St Joseph Atoll, but home range increased quickly for larger fish, with adults using the whole Amirantes bank.

HABITAT TYPE

Sheltered nursery habitats eg. atoll

Shallow coral reefs & associated reef drop offs

This means MPAs at key nursery sites like St Joseph could play a critical role in GT survival, but conservation efforts for the whole population must consider the broader movements of adults.

