

Green Turtle Raw Data Summary

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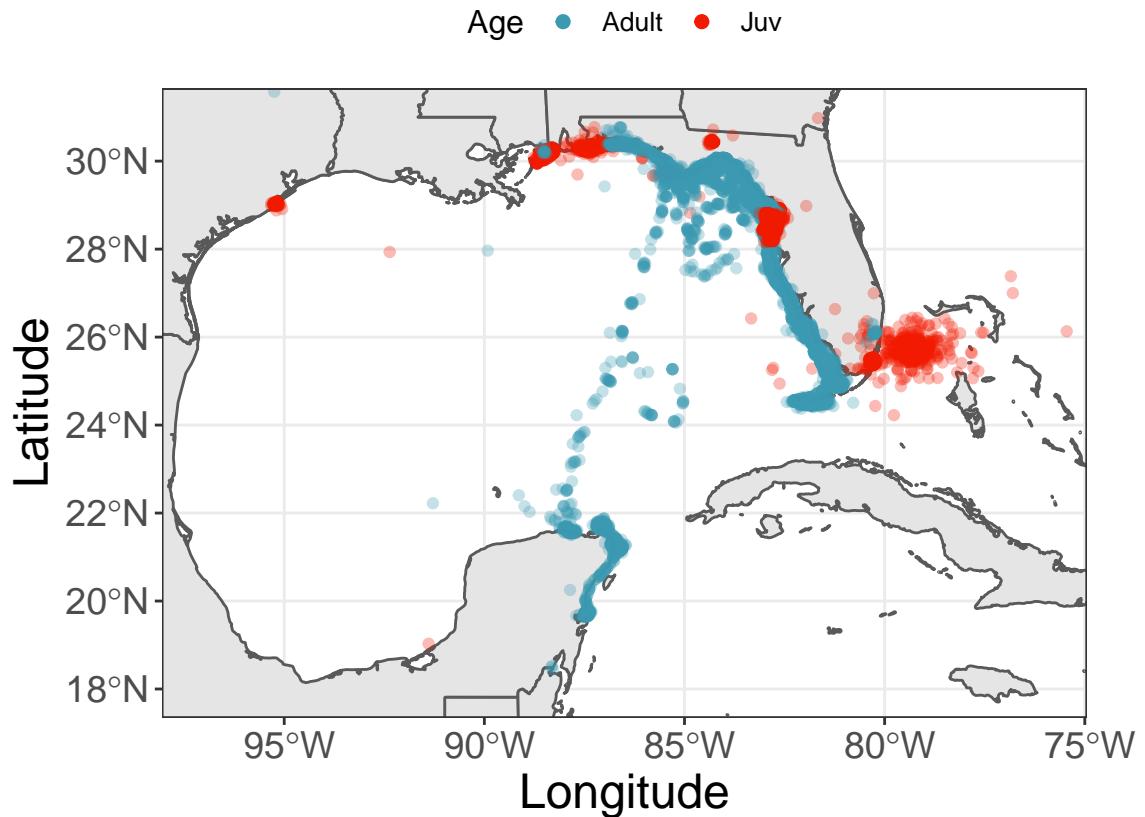
Background

This is a brief document summarizing the green turtle (*Chelonia mydas*) satellite telemetry data that I've received from each of my collaborators (Mariana Fuentes, Meg Lamont, Chris Marshall, Camila Domit, and Chris Sasso). The main emphasis is to provide a general perspective of where these relocations are found in space by region (**Gulf of Mexico, Brazil, Qatar**) as well as by age class (**Juvenile, Adult**). Please let me know if anything stands out as incorrect (namely the age classification for some of these different regions).

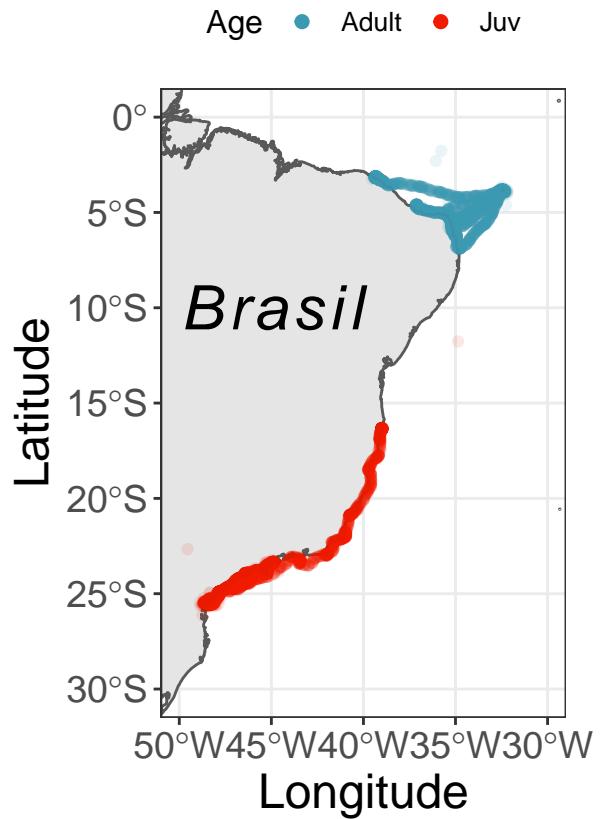
Summary

Region	Age	n
Brazil	Adult	24168
Brazil	Juv	15120
GoM	Adult	20283
GoM	Juv	27758
Qatar	Juv	1582

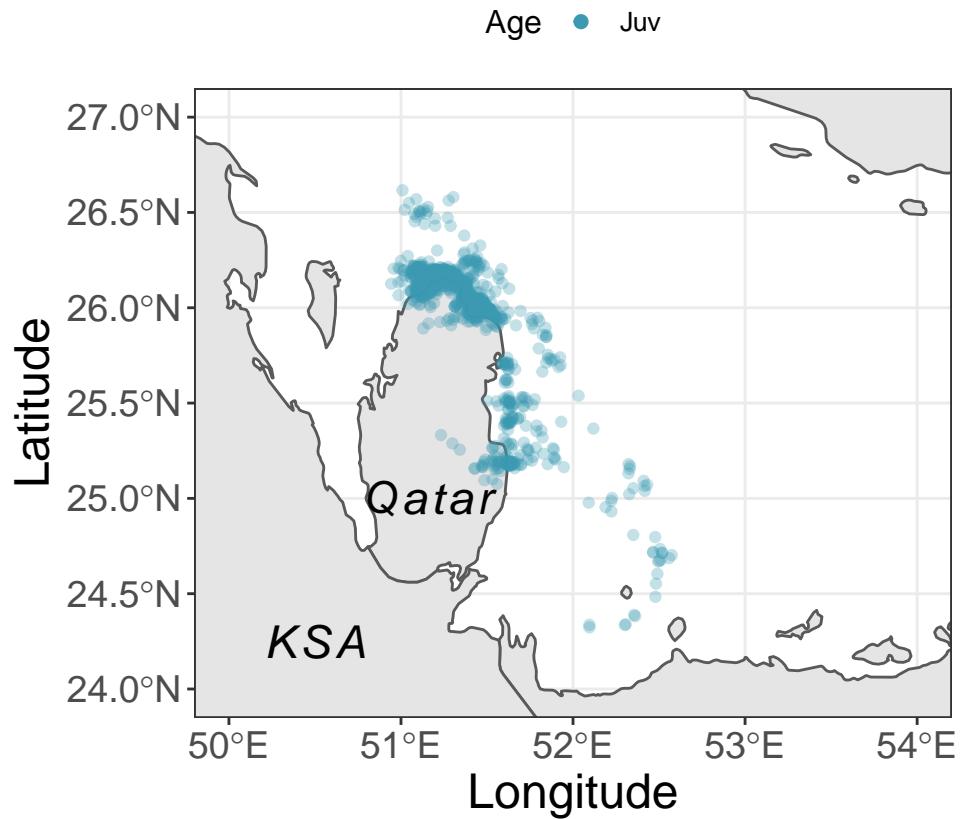
Gulf of Mexico



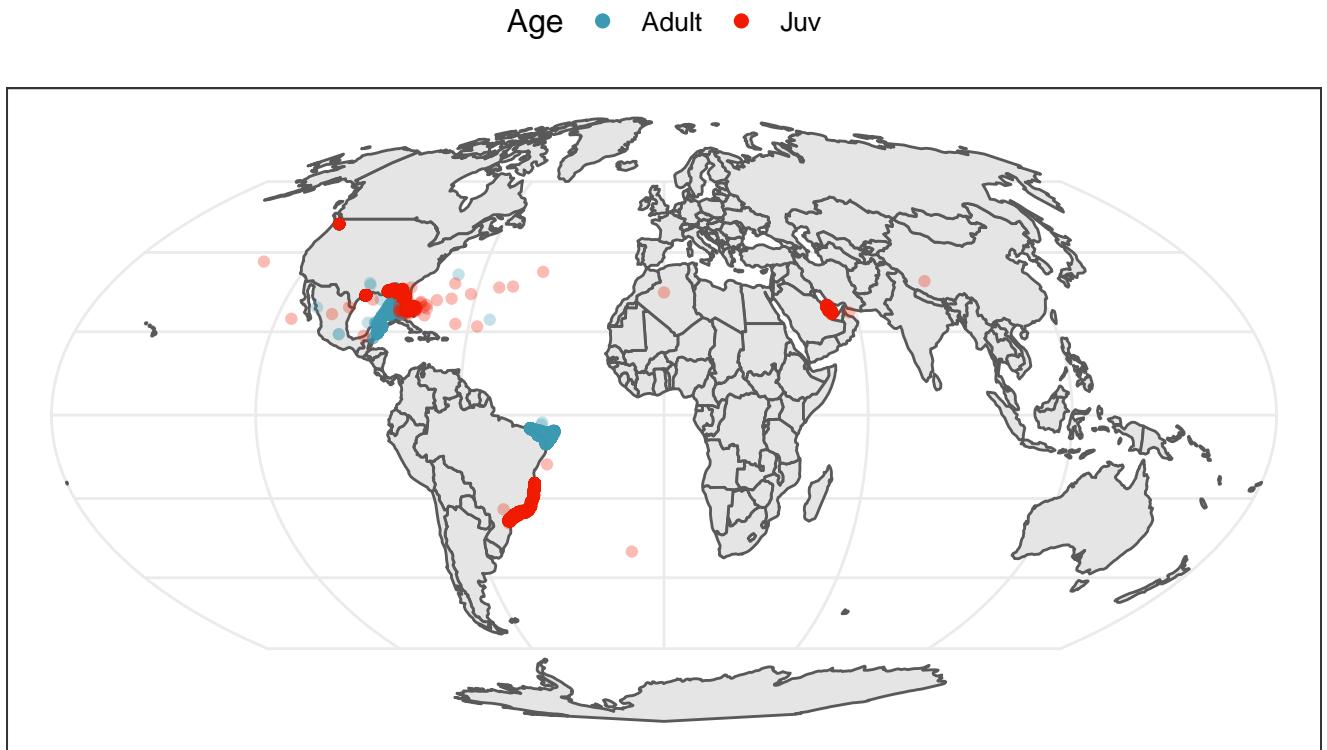
Brazil



Qatar



Global view



Ultimately, I'll be using a state-space model to provide better estimates of the locations (for Argos-based positions) and then estimate behavioral states to only retain the resident/foraging/ARS state for further analysis within the species distribution models. I will be building the model using the Gulf of Mexico (GoM) data and will then validate the model using the datasets from Brazil and Qatar.