

# Length-Weight Relationships of 22 commercial fish from Margarita Island, Venezuela

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**ABSTRACT:**

Length-Weight Relationships (LWR) were calculated for 22 commercial fish species caught by the artisanal fishing fleet of Margarita Island, Venezuela. A total of 1610 specimens were analysed, distributed in the following species: *Lagocephalus laevigatus*, *Sphyraena guachancho*, *S. barracuda*, *Lutjanus purpureus*, *L. analis*, *L. griseus*, *Rhomboplites aurorubens*, *Lachnolaimus maximus*, *Priacanthus arenatus*, *Scomberomorus cavalla*, *S. brasiliensis*, *Euthynnus alletteratus*, *Auxis thazard*, *Sarda sarda*, *Thunnus atlanticus*, *Rachycentron canadum*, *Caranx hippos*, *C. crysos*, *Selene setapinnis*, *Alectis ciliaris*, *Trachinotus carolinus* and *Elops saurus*. These length-weight relationships can be used to improve fish statistics because of difficulty in obtaining weight of the fish in field.

**Keywords:**

Lutjanidae, Scombridae, Carangidae, Elopidae, Sphyraenidae, Rachycentridae.