Ohio Largemouth Bass data description

The following lists a descriptions of the variables in the data set

**Project:** The Ohio Department of Natural Resources, Division of Wildlife management or research project for which data were collected

**Trip\_Date:** The date these data were collected

**Location:** A numeric code for reservoir:

80107: Hargus Lake

80110: Kiser Lake

80243: Oxbow Lake

80246: Pleasant Hill Lake

80313: Findley Lake

80316: Highlandtown Lake

80334: Long Lake

80339: Spencer Lake

80358: Silver Creek Lake

80394: Wingfoot Lake

80404: Burr Oak

80424: Lake Snowden

80428: Tycoon Lake

80433: Wolf Run Lake

80501: Acton Lake

80517: Paint Creek Lake

**Target:** Indicates the type of survey. In this case, 77995 indicates a black bass survey

**SampNo:** Arbitrary identification number of the sample collected at that sites on that date

**STime:** the time (in 24-hour format) that sample collection started

**EType:** T indicates that sampling effort was measured in time

**Effort:** Sampling effort in whole minutes

**Gauge:** water gauge height, not used in this case

**SampSite:** site sampled

**UTMZone:** Universal Transverse Mercator (UTM) zone of sample site

**UTMEasting:** UTM easting coordinate

**UTMNorthing:** UTM northing coordinate

**GearType:** 1 indicates electrofishing

**GearSpec:** 1 indicates pulsed DC current using a standard reservoir electrofishing boat. See:

Tyszko, S. M., M. A. Hangsleben, R. D. Zweifel, J. J. Pritt, and J. D. Conroy. 2017. Assessing reservoir Largemouth Bass standardized boat electrofishing: effect of catchability on density and size structure estimates. North American Journal of Fisheries Management 37:587–598.

**FishID:** arbitrary unique number used to individually identify fish used in otolith-scale aging comparison

**Species:** 77006: Largemouth Bass; 77004: Smallmouth Bass. Only Largemouth Bass otoliths and scales were compared. Be sure to keep in mind when using age-length keys and estimating CPUE.

**len:** length of fish in mm

**Weight**: weight of fish in g

**Struc:** structure used to estimate age entered in Ohio Fisheries Information System database. O: Otolith S: Scale

**Age:** age estimate entered for that fish in Ohio Fisheries Information System database. This is the age estimated by reader 1, reader 2, or reader 3. This is not a unique, separate age estimate. Each fish had only up to a total of 3 age estimates per structure.

**Scale 1, Scale 2, Scale 3:** age estimated by independent readers for an individual fish from scales.

**Otolith 1, Otolith 2, Otolith 3:** age estimated by independent readers for an individual fish from otoliths. Otolith 3 is the same reader for all fish. Other otolith columns contain estimated ages from several different readers as described in Tyszko and Pritt (2017).

Tyszko, S. M., and J. J. Pritt. 2017. Comparing otoliths and scales as structures used to estimate ages of Largemouth Bass: consequences of biased age estimates. North American Journal of Fisheries Management 37:1075–1082.