



**Supplementary Figure 10**

Boxplot of raw weekly abundance ( $u$ ) juvenile Chinook salmon (*Oncorhynchus tshawytscha*) and raw weekly trap efficiency, measured as the number of marked individuals in the population divided by the number of marked individuals counted or captured at a sampling event ( $m/n$ ), for a rotary screw trap deployed on Big Creek, Idaho, during 2007–2014. The middle line within the box represents the median, the upper and lower edges of the box represent the first and third quartiles (the 25th and 75th percentiles), the lines extending beyond the box correspond to the largest or smallest values or 1.5 times the interquartile range, and dots represent outliers (values outside of 1.5 times the interquartile range).